

# OPTONICA

LED

Catalogue 2020 2.0

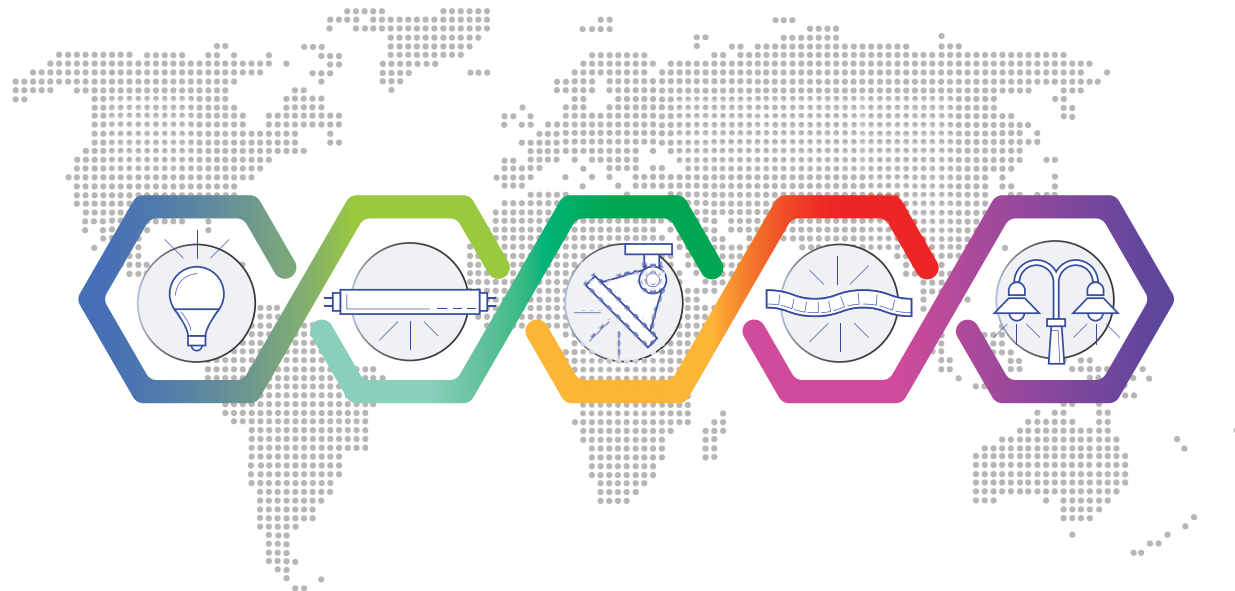
LED *Lighting*  
**for EVERYONE !**

**5**  
YEARS  
WARRANTY

# OPTONICA LED

OPTONICA LED is one of the fastest growing LED lighting companies in Europe. We constantly offer our partners a carefully selected portfolio of products with proven quality that meet even the most discriminating requirements. Full range of lights and fixtures for domestic or industrial applications, our products are designed to fit any demand. Developing a vast network of distributors and offices in major European countries such as United Kingdom, Germany, Austria, Spain, Bulgaria and Hungary, our products are easily accessible.

OPTONICA LED offers latest-generation, energy efficient lighting, with no harmful emissions and which is completely recyclable. We believe in caring for the future generations. Please help us save the planet for a more beautiful and clean tomorrow. Let's make the right choice and illuminate the future - together!



[www.OPTONICALED.com](http://www.OPTONICALED.com)

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Innovative line of half-glass covered bulbs combine the classic retro appearance with modern power-saving technology and creating a cosy ambience in both homes, villa or restaurants and bars.

Features:

- Up to 80% power saving impact
- 2500K warm white light
- Half silver or half golden cover
- E27 socket
- Stylish retro look
- Standard bulb head – A60 or G95

Application:

- Home use on standard sockets
- Outdoor use in enclosed fixtures
- Discrete or additional lighting

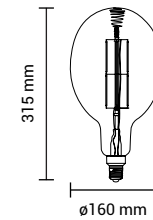
## LED BULBS GOLDEN GLASS

## LED Bulbs PS160 Filament

**8W E27** SP8-A1**GOLDEN GLASS**

|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 8W            | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 810lm         | Dimension | ø160x315 mm |
| Beam Angle    | 270°          | Body Type | PS160       |
| Socket        | E27           | Dimmable  | YES         |

SKU: 1790 Warm White 1800K 3800156617902

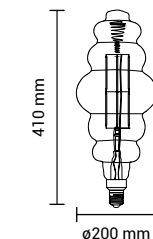


## LED Bulbs BD200 Filament

**8W E27** SP8-A1**GOLDEN GLASS**

|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 8W            | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 810lm         | Dimension | ø200x410 mm |
| Beam Angle    | 270°          | Body Type | BD200       |
| Socket        | E27           | Dimmable  | YES         |

SKU: 1791 Warm White 1800K 3800156617919

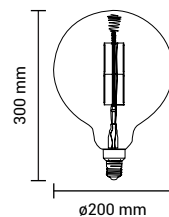


## LED Bulbs G200 Filament

**8W E27** SP8-A2**GOLDEN GLASS**

|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 8W            | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 810lm         | Dimension | ø200x300 mm |
| Beam Angle    | 270°          | Body Type | G200        |
| Socket        | E27           | Dimmable  | YES         |

SKU: 1792 Warm White 1800K 3800156617926

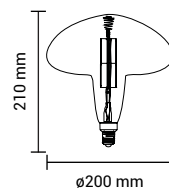


## LED Bulbs MS200 Filament

**8W E27** SP8-A2**GOLDEN GLASS**

|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 8W            | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 810lm         | Dimension | ø200x210 mm |
| Beam Angle    | 270°          | Body Type | MS200       |
| Socket        | E27           | Dimmable  | YES         |

SKU: 1793 Warm White 1800K 3800156617933

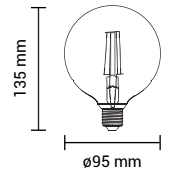


## LED Bulbs Filament

**4W E27** SP4-A4**HALF GOLDEN GLASS**

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø95x135 mm |
| Beam Angle    | 180°          | Body Type | G95        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1889 Warm White 2700K 3800156618893

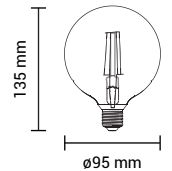


## LED Bulbs Filament

**4W E27** SP4-A4**HALF SILVER GLASS**

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø95x135 mm |
| Beam Angle    | 180°          | Body Type | G95        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1887 Warm White 2700K 3800156618879

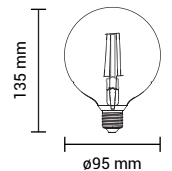


## LED Bulbs Filament

**7W E27** SP7-A5**HALF GOLDEN GLASS**

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 7W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 800lm         | Dimension | ø95x135 mm |
| Beam Angle    | 180°          | Body Type | G95        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1890 Warm White 2700K 3800156618909

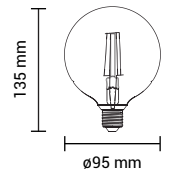
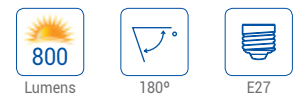


## LED Bulbs Filament

**7W E27** SP7-A5**HALF SILVER GLASS**

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 7W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 800lm         | Dimension | ø95x135 mm |
| Beam Angle    | 180°          | Body Type | G95        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1888 Warm White 2700K 3800156618886







## LED Bulbs Filament

**4W E27** SP4-A4

HALF GOLDEN GLASS



Lumens



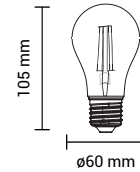
180°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø60x105 mm |
| Beam Angle    | 180°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1893 Warm White 2700K 3800156618930



## LED Bulbs Filament

**4W E27** SP4-A4

HALF SILVER GLASS



Lumens



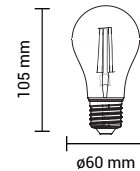
180°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø60x105 mm |
| Beam Angle    | 180°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1879 Warm White 2700K 3800156618794



## LED Bulbs Filament

**7W E27** SP7-A5

HALF GOLDEN GLASS



Lumens



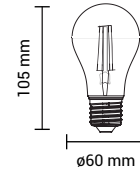
180°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 7W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 800lm         | Dimension | ø60x105 mm |
| Beam Angle    | 180°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1896 Warm White 2700K 3800156618961



## LED Bulbs Filament

**7W E27** SP7-A5

HALF SILVER GLASS



Lumens



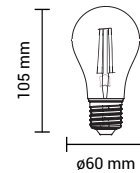
180°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 7W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 800lm         | Dimension | ø60x105 mm |
| Beam Angle    | 180°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1880 Warm White 2700K 3800156618800



## LED ST64 Bulbs Filament

**4W E27** SP4-A4

GOLDEN GLASS



Lumens



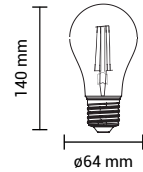
270°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø64x140 mm |
| Beam Angle    | 270°          | Body Type | ST64       |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1795 Warm White 2500K 3800156617957



## LED ST64 Bulbs Filament

**6W E27** SP6-B1

GOLDEN GLASS



Lumens



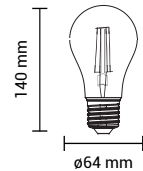
270°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 6W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 540lm         | Dimension | ø64x140 mm |
| Beam Angle    | 270°          | Body Type | ST64       |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1306 Warm White 2500K 3800156613065



## LED ST64 Bulbs Filament

**8W E27** SP8-A4

GOLDEN GLASS



Lumens



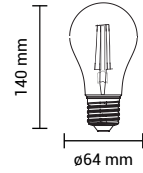
270°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 8W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 700lm         | Dimension | ø64x140 mm |
| Beam Angle    | 270°          | Body Type | ST64       |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1305 Warm White 2500K 3800156613058



## LED ST64 Bulbs Filament

**8W E27** SP8-A6

GOLDEN GLASS



Lumens



Dimmable



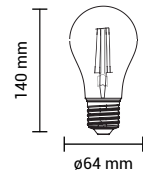
270°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 8W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 700lm         | Dimension | ø64x140 mm |
| Beam Angle    | 270°          | Body Type | ST64       |
| Socket        | E27           | Dimmable  | YES        |

SKU: 1322 Warm White 2500K 3800156613225



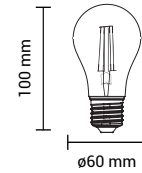
### LED A60 Bulbs Filament

#### 4W E27 SP4-A4



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø60x100 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1857 White Light 6000K 3800156618572  
 SKU: 1858 Neutral White 4500K 3800156618589  
 SKU: 1859 Warm White 2700K 3800156618596



NEW

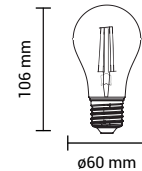
### LED A60 Bulbs Filament

#### 4W E27 SP4-A6



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø60x106 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | YES        |

SKU: 1899 Warm White 2700K 3800156618992



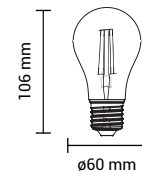
### LED A60 Bulbs Filament

#### 5W E27 SP5-A4



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 5W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 600lm         | Dimension | ø60x106 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1854 White Light 6000K 3800156618541  
 SKU: 1855 Neutral White 4500K 3800156618558  
 SKU: 1856 Warm White 2700K 3800156618565



NEW

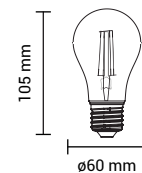
### LED A60 Bulbs Filament

#### 6W E27 SP6-B2



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 6W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 630lm         | Dimension | ø60x105 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1308 Neutral White 4000K 3800156613089  
 SKU: 1309 Warm White 2700K 3800156613096



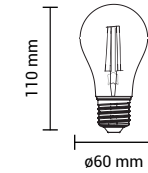
### LED A60 Bulbs Filament

#### 8W E27 SP8-A5



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 8W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 810lm         | Dimension | ø60x110 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1310 White Light 6000K 3800156613102  
 SKU: 1311 Neutral White 4500K 3800156613119  
 SKU: 1312 Warm White 2700K 3800156613126



NEW

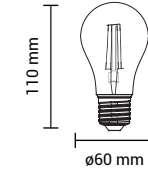
### LED A60 Bulbs Filament

#### 8W E27 SP8-A9



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 8W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 810lm         | Dimension | ø60x110 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | YES        |

SKU: 1323 Warm White 2700K 3800156613232



### LED A60 Bulbs Filament

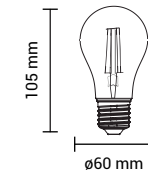
#### 8W E27 SP8-A1

#### GOLDEN GLASS



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 8W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 810lm         | Dimension | ø60x105 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1796 Warm White 2500K 3800156617964



NEW

### LED A60 Bulbs Filament

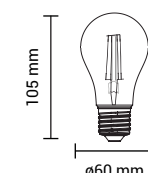
#### 8W E27 SP8-A9

#### GOLDEN GLASS



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 8W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 810lm         | Dimension | ø60x105 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | YES        |

SKU: 1324 Warm White 2500K 3800156613249





NEW



## LED A60 Bulbs Filament

10W E27 SP10-A5



Lumens



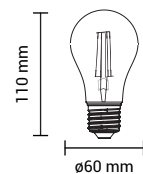
300°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 10W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 1350lm        | Dimension | ø60x110 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1313 | White Light   | 6000K | 3800156613133 |
| SKU: 1314 | Neutral White | 4500K | 3800156613140 |
| SKU: 1315 | Warm White    | 2700K | 3800156613157 |



NEW



## LED A65 Bulbs Filament

12W E27 SP12-A7



Lumens



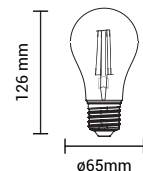
300°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 12W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 1500lm        | Dimension | ø65x126 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1316 | White Light   | 6000K | 3800156613164 |
| SKU: 1317 | Neutral White | 4500K | 3800156613171 |
| SKU: 1318 | Warm White    | 2700K | 3800156613188 |



NEW



## LED A65 Bulbs Filament

14W E27 SP14-A7



Lumens



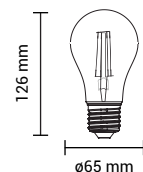
300°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 14W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 2000lm        | Dimension | ø65x126 mm |
| Beam Angle    | 300°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1319 | White Light   | 6000K | 3800156613195 |
| SKU: 1320 | Neutral White | 4500K | 3800156613201 |
| SKU: 1321 | Warm White    | 2700K | 3800156613218 |



## LED G45 Bulbs Filament

2W E27 SP2-A2



Lumens



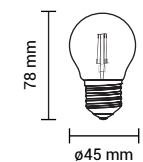
300°



E27

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 2W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 200lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E27           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1864 | White Light   | 6000K | 3800156618640 |
| SKU: 1865 | Neutral White | 4500K | 3800156618657 |
| SKU: 1866 | Warm White    | 2700K | 3800156618664 |



## LED G45 Bulbs Filament

4W E27 SP4-A4



Lumens



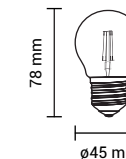
300°



E27

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E27           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1867 | White Light   | 6000K | 3800156618671 |
| SKU: 1868 | Neutral White | 4500K | 3800156618688 |
| SKU: 1869 | Warm White    | 2700K | 3800156618695 |



NEW



## LED G45 Bulbs Filament

4W E27 SP4-A6



Lumens



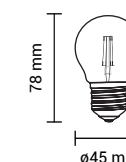
Dimmable



E27

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 320lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E27           | Dimmable  | NO        |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1325 | Warm White | 2700K | 3800156613256 |
|-----------|------------|-------|---------------|



NEW



## LED G45 Bulbs Filament

4W E27 SP4-A6

GOLDEN GLASS



Lumens



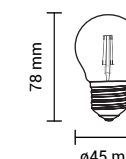
Dimmable



E27

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 320lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E27           | Dimmable  | YES       |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1326 | Warm White | 2700K | 3800156613263 |
|-----------|------------|-------|---------------|



## LED G125 Bulbs Filament

4W E27 SP4-A4

GOLDEN GLASS



Lumens



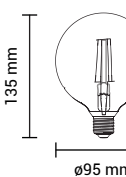
270°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø95x135 mm |
| Beam Angle    | 270°          | Body Type | G95        |
| Socket        | E27           | Dimmable  | NO         |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1794 | Warm White | 2500K | 3800156617940 |
|-----------|------------|-------|---------------|



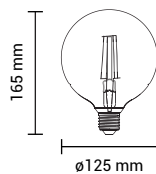


### LED G125 Bulbs Filament

#### 4W E27 SP10-A5

|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 4W            | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 400lm         | Dimension | ø125x165 mm |
| Beam Angle    | 300°          | Body Type | G125        |
| Socket        | E27           | Dimmable  | NO          |

SKU: 1863 Neutral White 4500K 3800156618633  
SKU: 1862 Warm White 2700K 3800156618626

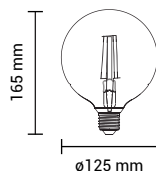


### LED G125 Bulbs Filament

#### 6.5W E27 SP10-A5

|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 6.5W          | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 810lm         | Dimension | ø125x165 mm |
| Beam Angle    | 300°          | Body Type | G125        |
| Socket        | E27           | Dimmable  | NO          |

SKU: 1861 Neutral White 4500K 3800156618619  
SKU: 1860 Warm White 2700K 3800156618602

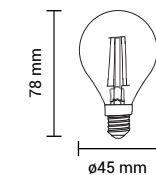


### LED G45 Bulbs Filament

#### 2W E14 SP2-A2

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 2W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 200lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E14           | Dimmable  | NO        |

SKU: 1474 White Light 6000K 3800156614741  
SKU: 1475 Neutral White 4500K 3800156614758  
SKU: 1476 Warm White 2700K 3800156614765

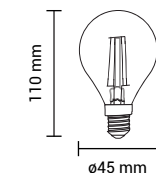


### LED G45 Bulbs Filament

#### 4W E14 SP4-A4

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E14           | Dimmable  | NO        |

SKU: 1477 White Light 6000K 3800156614772  
SKU: 1478 Neutral White 4500K 3800156614789  
SKU: 1479 Warm White 2700K 3800156614796

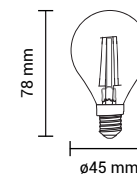


### LED G45 Bulbs Filament

#### 4W E14 SP4-A6

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E14           | Dimmable  | YES       |

SKU: 1417 Warm White 2700K 3800156614178

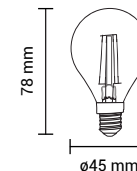
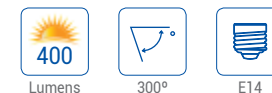


### LED G45 Bulbs Filament

#### 4W E14 SP4-A6 GOLDEN GLASS

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E14           | Dimmable  | NO        |

SKU: 1492 Warm White 2500K 3800156614925

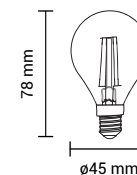


### LED G45 Bulbs Filament

#### 4W E14 SP4-A6 GOLDEN GLASS

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø45x78 mm |
| Beam Angle    | 300°          | Body Type | G45       |
| Socket        | E14           | Dimmable  | YES       |

SKU: 1418 Warm White 2500K 3800156614185

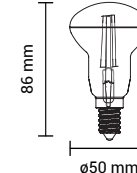
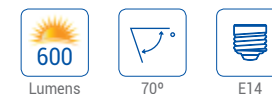


### LED R50 Bulbs Filament

#### 5W E14 SP5-A6

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 5W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 600lm         | Dimension | ø50x86 mm |
| Beam Angle    | 70°           | Body Type | R50       |
| Socket        | E14           | Dimmable  | NO        |

SKU: 1872 Warm White 2700K 3800156618725





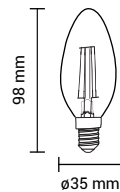


## LED C35 Candle Filament

**4W E14** SP4-A4

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø35x98 mm |
| Beam Angle    | 300°          | Body Type | C35       |
| Socket        | E14           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1470 | White Light   | 6000K | 3800156614703 |
| SKU: 1471 | Neutral White | 4500K | 3800156614710 |
| SKU: 1472 | Warm White    | 2700K | 3800156614727 |

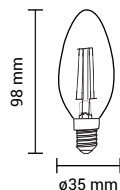


## LED C35 Candle Filament

**4W E14** SP4-A6

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø35x98 mm |
| Beam Angle    | 300°          | Body Type | C35       |
| Socket        | E14           | Dimmable  | YES       |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1469 | Neutral White | 4500K | 3800156614697 |
| SKU: 1473 | Warm White    | 2700K | 3800156614734 |

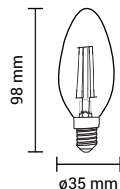


## LED C35 Candle Filament

**4W E14** SP4-A4  
**GOLDEN GLASS**

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø35x98 mm |
| Beam Angle    | 300°          | Body Type | C35       |
| Socket        | E14           | Dimmable  | NO        |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1490 | Warm White | 2500K | 3800156614901 |
|-----------|------------|-------|---------------|

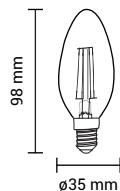


## LED C35 Twist Candle Filament

**4W E14** SP4-A4

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø35x98 mm |
| Beam Angle    | 300°          | Body Type | C35 Twist |
| Socket        | E14           | Dimmable  | NO        |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1413 | Warm White | 2700K | 3800156614130 |
|-----------|------------|-------|---------------|

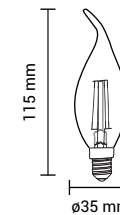


## LED C35 Tip Candle Filament

**4W E14** SP4-A4

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø35x115 mm |
| Beam Angle    | 300°          | Body Type | C35 Tip    |
| Socket        | E14           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1480 | White Light   | 6000K | 3800156614802 |
| SKU: 1481 | Neutral White | 4500K | 3800156614819 |
| SKU: 1482 | Warm White    | 2700K | 3800156614826 |

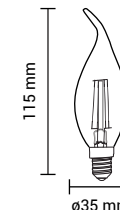


## LED C35 Tip Candle Filament

**4W E14** SP4-A6

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø35x115 mm |
| Beam Angle    | 300°          | Body Type | C35 Tip    |
| Socket        | E14           | Dimmable  | YES        |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1415 | Warm White | 2700K | 3800156614154 |
|-----------|------------|-------|---------------|

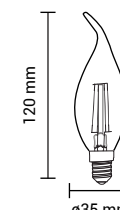


## LED C35 Tip Candle Filament

**4W E14** SP4-A6  
**GOLDEN GLASS**

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø35x120 mm |
| Beam Angle    | 300°          | Body Type | C35 Tip    |
| Socket        | E14           | Dimmable  | YES        |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1416 | Warm White | 2500K | 3800156614161 |
|-----------|------------|-------|---------------|

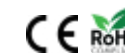
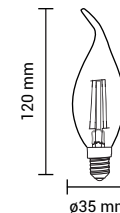


## LED C35 Tip Candle Filament

**4W E14** SP4-A6  
**GOLDEN GLASS**

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø35x120 mm |
| Beam Angle    | 300°          | Body Type | C35 Tip    |
| Socket        | E14           | Dimmable  | NO         |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1491 | Warm White | 2500K | 3800156614918 |
|-----------|------------|-------|---------------|

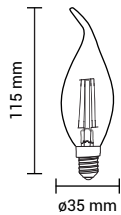




LED C35 Candle Twist Bulbs Filament  
4W E14 SP4-A4

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 400lm         | Dimension | ø35x115 mm |
| Beam Angle    | 300°          | Body Type | C35T Twist |
| Socket        | E14           | Dimmable  | NO         |

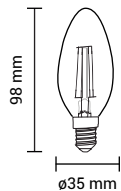
SKU: 1414 Warm White 2700K 3800156614147



LED C35 Candle Filament  
6W E14 SP6-B2

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 6W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 730lm         | Dimension | ø35x98 mm |
| Beam Angle    | 300°          | Body Type | C35       |
| Socket        | E14           | Dimmable  | NO        |

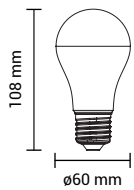
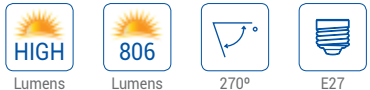
SKU: 1410 White Light 6000K 3800156614109  
SKU: 1411 Neutral White 4500K 3800156614116  
SKU: 1412 Warm White 2700K 3800156614123



LED Bulb A60 High Lumen  
9W E27 SP9-A4

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 9W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 806lm         | Dimension | ø60x108 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

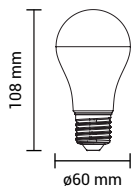
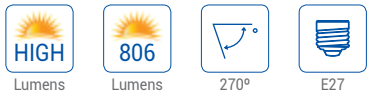
SKU: 1774 White Light 6000K 3800156617742  
SKU: 1775 Neutral White 4500K 3800156617759  
SKU: 1776 Warm White 2700K 3800156617766



LED Bulbs A60 High Lumen  
9W E27 SP9-A4

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 9W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 806lm         | Dimension | ø60x108 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1330 White Light 6000K 3800156613300  
SKU: 1331 Neutral White 4500K 3800156613317  
SKU: 1332 Warm White 2700K 3800156613324







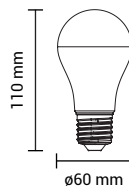
### LED Bulb A60

#### 10W E27 SP10-A3



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 10W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 800lm         | Dimension | ø60x110 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | YES        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1849 | White Light   | 6000K | 3800156618497 |
| SKU: 1850 | Neutral White | 4500K | 3800156618503 |
| SKU: 1830 | Warm White    | 2700K | 3800156618305 |



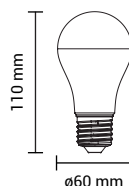
### LED Bulb A60 High Lumen

#### 11W E27 SP11-A1



|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 11W           | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 1055lm        | Dimension | ø60x110mm |
| Beam Angle    | 270°          | Body Type | A60       |
| Socket        | E27           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1777 | White Light   | 6000K | 3800156617773 |
| SKU: 1778 | Neutral White | 4500K | 3800156617780 |
| SKU: 1779 | Warm White    | 2700K | 3800156617797 |



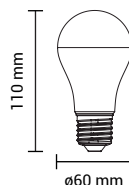
### LED Bulb A60 High Lumen

#### 11W E27 SP11-A1



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 11W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 1055lm        | Dimension | ø60x108 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1333 | White Light   | 6000K | 3800156613331 |
| SKU: 1334 | Neutral White | 4500K | 3800156613348 |
| SKU: 1335 | Warm White    | 2700K | 3800156613355 |



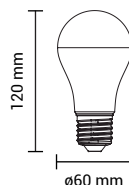
### LED Bulb A60

#### 12W E27 SP12-A5



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 12W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 1055lm        | Dimension | ø60x120 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | YES        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1851 | White Light   | 6000K | 3800156618510 |
| SKU: 1852 | Neutral White | 4500K | 3800156618527 |
| SKU: 1834 | Warm White    | 2700K | 3800156618343 |



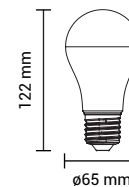
### LED Bulb A65

#### 15W E27 SP15-A6



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 15W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 1320lm        | Dimension | ø65x122 mm |
| Beam Angle    | 270°          | Body Type | A65        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1835 | White Light   | 6000K | 3800156618350 |
| SKU: 1836 | Neutral White | 4500K | 3800156618367 |
| SKU: 1837 | Warm White    | 2700K | 3800156618374 |



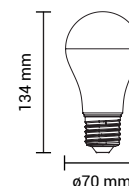
### LED Bulb A70

#### 18W E27 SP18-A1



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 18W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 1440lm        | Dimension | ø70x134 mm |
| Beam Angle    | 270°          | Body Type | A70        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1881 | White Light   | 6000K | 3800156618817 |
| SKU: 1882 | Neutral White | 4500K | 3800156618824 |
| SKU: 1883 | Warm White    | 2700K | 3800156618831 |



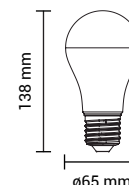
### LED Bulb A65

#### 19W E27 SP20-A1



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 19W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 2000lm        | Dimension | ø65x138 mm |
| Beam Angle    | 270°          | Body Type | A65        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1707 | White Light   | 6000K | 3800156617070 |
| SKU: 1708 | Neutral White | 4500K | 3800156617087 |
| SKU: 1709 | Warm White    | 2700K | 3800156617094 |



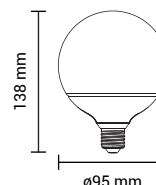
### LED Bulb G95

#### 12W E27 SP12-A5



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 12W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 1050lm        | Dimension | ø95x138 mm |
| Beam Angle    | 270°          | Body Type | G95        |
| Socket        | E27           | Dimmable  | YES        |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1844 | Warm White | 2700K | 3800156618442 |
|-----------|------------|-------|---------------|



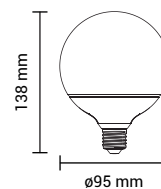


### LED Bulb G95 12W E27 SP12-A5

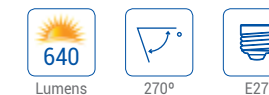


|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 12W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 1055lm        | Dimension | ø95x138 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1841 | White Light   | 6000K | 3800156618411 |
| SKU: 1842 | Neutral White | 4500K | 3800156618428 |
| SKU: 1843 | Warm White    | 2700K | 3800156618435 |

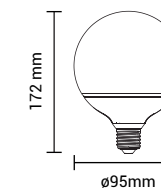


### LED Bulb Mosquito Zapper 8W+2W E27 SP8-A3



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 8W+2W Zapper  | CRI       | Ra>80      |
| Input Voltage | AC : 100-265V | IP Rating | IP20       |
| Flux          | 640lm         | Dimension | ø95x172 mm |
| Beam Angle    | 180°          | Body Type | G95        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1819 | Neutral White | 4500K | 3800156618466 |
|-----------|---------------|-------|---------------|

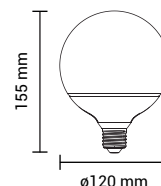


### LED Bulb G120 15W E27 SP15-A6

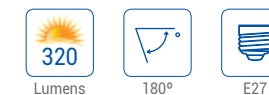


|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 15W           | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 1320lm        | Dimension | ø120x155 mm |
| Beam Angle    | 270°          | Body Type | G120        |
| Socket        | E27           | Dimmable  | NO          |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1845 | White Light   | 6000K | 3800156618459 |
| SKU: 1846 | Neutral White | 4500K | 3800156618466 |
| SKU: 1847 | Warm White    | 2700K | 3800156618473 |

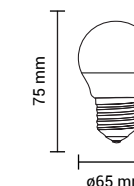


### LED Bulb G45 4W E27 SP4-A5



|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 320lm         | Dimension | ø45x75 mm |
| Beam Angle    | 180°          | Body Type | G45       |
| Socket        | E27           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1838 | White Light   | 6000K | 3800156618381 |
| SKU: 1839 | Neutral White | 4500K | 3800156618398 |
| SKU: 1840 | Warm White    | 2700K | 3800156618404 |

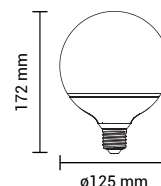


### LED Bulb G120 18W E27 SP18-A1

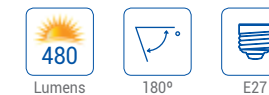


|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 18W           | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 1440lm        | Dimension | ø125x172 mm |
| Beam Angle    | 270°          | Body Type | 120         |
| Socket        | E27           | Dimmable  | NO          |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1884 | White Light   | 6000K | 3800156618848 |
| SKU: 1885 | Neutral White | 4500K | 3800156618855 |
| SKU: 1886 | Warm White    | 2700K | 3800156618862 |

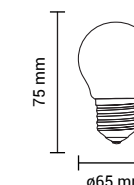


### LED Bulb G45 6W E27 SP6-A8



|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 6W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 480lm         | Dimension | ø45x75 mm |
| Beam Angle    | 180°          | Body Type | G45       |
| Socket        | E27           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1816 | White Light   | 6000K | 3800156618169 |
| SKU: 1817 | Neutral White | 4500K | 3800156618176 |
| SKU: 1818 | Warm White    | 2700K | 3800156618183 |

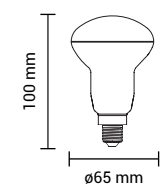


### LED Bulb G63 6W E27 SP6-A8

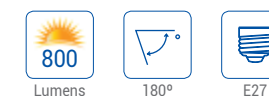


|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 6W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 480lm         | Dimension | ø63x100 mm |
| Beam Angle    | 200°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1876 | White Light   | 6000K | 3800156618763 |
| SKU: 1877 | Neutral White | 4500K | 3800156618770 |
| SKU: 1878 | Warm White    | 2700K | 3800156618787 |

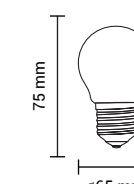


### LED Bulb G45 8.5W E27 SP9-A3



|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 8.5W          | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 800lm         | Dimension | ø45x75 mm |
| Beam Angle    | 180°          | Body Type | G45       |
| Socket        | E27           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1813 | White Light   | 6000K | 3800156618138 |
| SKU: 1814 | Neutral White | 4500K | 3800156618145 |
| SKU: 1815 | Warm White    | 2700K | 3800156618152 |







LED Bulb T100 High Power  
25W E27 SP25-A1



Lumens



Lumens



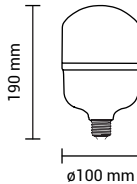
270°



E27

|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 25W           | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 2500lm        | Dimension | ø100x190 mm |
| Beam Angle    | 270°          | Body Type | T100        |
| Socket        | E27           | Dimmable  | NO          |

SKU: 1891 White Light 6000K 3800156618916  
SKU: 1892 Neutral White 4500K 3800156618923



LED Bulb T120 High Power  
35W E27 SP35-A1



Lumens



Lumens



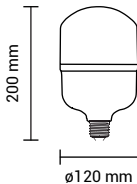
270°



E27

|               |               |           |             |
|---------------|---------------|-----------|-------------|
| Watts         | 35W           | CRI       | Ra>80       |
| Input Voltage | AC : 175-265V | IP Rating | IP20        |
| Flux          | 3500lm        | Dimension | ø120x200 mm |
| Beam Angle    | 180°          | Body Type | T120        |
| Socket        | E27           | Dimmable  | NO          |

SKU: 1894 White Light 6000K 3800156618947  
SKU: 1895 Neutral White 4500K 3800156618954



LED Bulb T140 High Power  
45W E27 SP40-A1



Lumens



Lumens



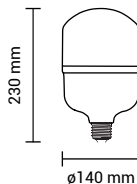
270°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 45W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 4500lm        | Dimension | ø140x230mm |
| Beam Angle    | 270°          | Body Type | T140       |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1897 White Light 6000K 3800156618978  
SKU: 1898 Neutral White 4500K 3800156618985



NEW



LED Spot PAR30  
25W E27 SP25-A2



Lumens



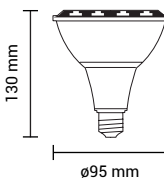
30°



E27

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 25W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 2500lm        | Dimension | ø95x130 mm |
| Beam Angle    | 30°           | Body Type | PAR30      |
| Socket        | E27           | Dimmable  | NO         |

SKU: 1528 White Light 6000K 3800156615281  
SKU: 1529 Neutral White 4500K 3800156615298  
SKU: 1530 Warm White 2700K 3800156615304



LED Candle C37  
4W E14 SP4-A5



Lumens



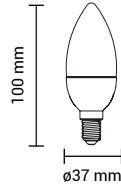
180°



E14

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 4W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 320lm         | Dimension | ø37x100 mm |
| Beam Angle    | 180°          | Body Type | C37        |
| Socket        | E14           | Dimmable  | NO         |

SKU: 1457 White Light 6000K 3800156614574  
SKU: 1458 Neutral White 4500K 3800156614581  
SKU: 1459 Warm White 2700K 3800156614598



LED Candle C37  
6W E14 SP6-A8



Lumens



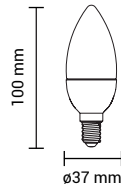
180°



E14

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 6W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 480lm         | Dimension | ø37x100 mm |
| Beam Angle    | 180°          | Body Type | C37        |
| Socket        | E14           | Dimmable  | NO         |

SKU: 1460 White Light 6000K 3800156614604  
SKU: 1461 Neutral White 4500K 3800156614611  
SKU: 1462 Warm White 2700K 3800156614628



LED Candle C37  
6W E14 SP6-A5



Lumens



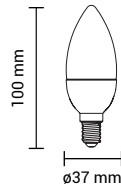
Dimmable



E14

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 6W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 480lm         | Dimension | ø37x100 mm |
| Beam Angle    | 180°          | Body Type | C37        |
| Socket        | E14           | Dimmable  | YES        |

SKU: 1464 White Light 6000K 3800156614642  
SKU: 1465 Neutral White 4500K 3800156614659  
SKU: 1463 Warm White 2700K 3800156614635



NEW



PACK

LED Candle C37  
6W E14 SP6-A8



Lumens



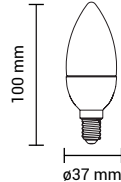
180°



E14

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 6W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 480lm         | Dimension | ø37x100 mm |
| Beam Angle    | 180°          | Body Type | C37        |
| Socket        | E14           | Dimmable  | NO         |

SKU: 1419 White Light 6000K 3800156614192  
SKU: 1420 Neutral White 4500K 3800156614208  
SKU: 1421 Warm White 2700K 3800156614215

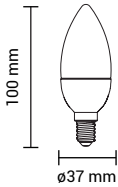




LED Candle C37  
8.5W E14 SP9-A3

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 8.5W          | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 806lm         | Dimension | ø37x100 mm |
| Beam Angle    | 180°          | Body Type | C37        |
| Socket        | E14           | Dimmable  | NO         |

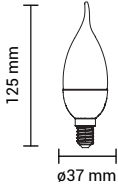
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1483 | White Light   | 6000K | 3800156614833 |
| SKU: 1484 | Neutral White | 4500K | 3800156614840 |
| SKU: 1485 | Warm White    | 2700K | 3800156614857 |



LED Candle C37 Tip  
6W E14 SP6-A8

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 6W            | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 480lm         | Dimension | ø37x125 mm |
| Beam Angle    | 180°          | Body Type | C37 Tip    |
| Socket        | E14           | Dimmable  | NO         |

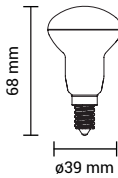
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1466 | White Light   | 6000K | 3800156614666 |
| SKU: 1467 | Neutral White | 4500K | 3800156614673 |
| SKU: 1468 | Warm White    | 2700K | 3800156614680 |



LED Bulb R39  
4W E14 SP4-A5

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 8.5W          | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 300lm         | Dimension | ø39x68 mm |
| Beam Angle    | 200°          | Body Type | R39       |
| Socket        | E14           | Dimmable  | NO        |

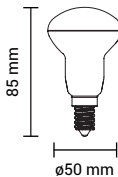
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1487 | White Light   | 6000K | 3800156614833 |
| SKU: 1488 | Neutral White | 4500K | 3800156614840 |
| SKU: 1489 | Warm White    | 2700K | 3800156614857 |



LED Bulb R50  
6W E14 SP6-A8

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 6W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 480lm         | Dimension | ø50x85 mm |
| Beam Angle    | 200°          | Body Type | R50       |
| Socket        | E14           | Dimmable  | NO        |

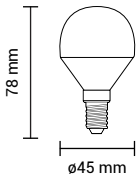
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1438 | White Light   | 6000K | 3800156614833 |
| SKU: 1439 | Neutral White | 4500K | 3800156614840 |
| SKU: 1440 | Warm White    | 2700K | 3800156614857 |



LED Bulb P45  
4W E14 SP4-A5

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 4W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 320lm         | Dimension | ø45x78 mm |
| Beam Angle    | 240°          | Body Type | P45       |
| Socket        | E14           | Dimmable  | NO        |

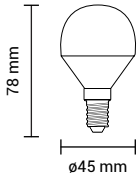
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|-----------|---------------|-------|---------------|
| SKU: 1451 | White Light   | 6000K | 3800156614512 |
| SKU: 1452 | Neutral White | 4500K | 3800156614529 |
| SKU: 1453 | Warm White    | 2700K | 3800156614536 |



LED Bulb P45  
6W E14 SP6-A8

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 6W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 480lm         | Dimension | ø45x78 mm |
| Beam Angle    | 240°          | Body Type | P45       |
| Socket        | E14           | Dimmable  | NO        |

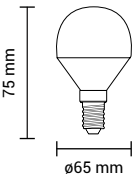
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|-----------|---------------|-------|---------------|
| SKU: 1447 | White Light   | 6000K | 3800156614475 |
| SKU: 1448 | Neutral White | 4500K | 3800156614482 |
| SKU: 1449 | Warm White    | 2700K | 3800156614499 |



LED Bulb P45  
6W E14 SP6-A8

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 6W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 480lm         | Dimension | ø45x78 mm |
| Beam Angle    | 240°          | Body Type | P45       |
| Socket        | E14           | Dimmable  | YES       |

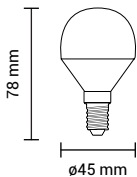
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|-----------|---------------|-------|---------------|
| SKU: 1496 | White Light   | 6000K | 3800156614963 |
| SKU: 1497 | Neutral White | 4500K | 3800156614970 |
| SKU: 1498 | Warm White    | 2700K | 3800156614987 |



LED Bulb P45  
8.5W E14 SP9-A3

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 8.5W          | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 806lm         | Dimension | ø45x78 mm |
| Beam Angle    | 240°          | Body Type | P45       |
| Socket        | E14           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1493 | White Light   | 6000K | 3800156614932 |
| SKU: 1494 | Neutral White | 4500K | 3800156614949 |
| SKU: 1495 | Warm White    | 2700K | 3800156614956 |





LED Bulb A60 High Lumen  
9W B22    SP9-A4



Lumens



Lumens



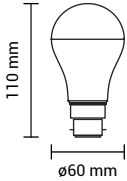
270°



B22

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 9W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 806lm         | Dimension | ø60x110 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | B22           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1918 | White Light   | 6000K | 3800156619180 |
| SKU: 1919 | Neutral White | 4500K | 3800156619197 |
| SKU: 1920 | Warm White    | 2700K | 3800156619203 |



LED Bulb A60  
10W B22    SP10-A3



Lumens



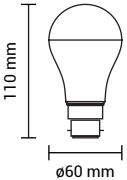
Dimmable



B22

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 10W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 800lm         | Dimension | ø60x110 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | B22           | Dimmable  | YES        |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1910 | Warm White | 2700K | 3800156619104 |
|-----------|------------|-------|---------------|



LED Bulb A60 High Lumen  
11W B22    SP11-A1



Lumens



Lumens



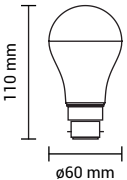
270°



B22

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 11W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 1055lm        | Dimension | ø60x110 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | B22           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1921 | White Light   | 6000K | 3800156619210 |
| SKU: 1922 | Neutral White | 4500K | 3800156619227 |
| SKU: 1923 | Warm White    | 2700K | 3800156619234 |



LED Bulb A65  
12W B22    SP12-A5



Lumens



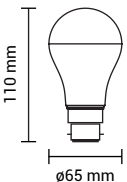
Dimmable



B22

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 12W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 960lm         | Dimension | ø65x110 mm |
| Beam Angle    | 270°          | Body Type | A65        |
| Socket        | B22           | Dimmable  | YES        |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1914 | Warm White | 2700K | 3800156619142 |
|-----------|------------|-------|---------------|



LED Bulb A65  
15W B22    SP15-A6



Lumens



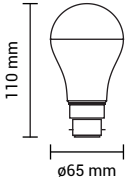
270°



B22

|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 15W           | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 1200lm        | Dimension | ø65x110 mm |
| Beam Angle    | 270°          | Body Type | A65        |
| Socket        | B22           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1915 | White Light   | 6000K | 3800156619150 |
| SKU: 1916 | Neutral White | 4500K | 3800156619157 |
| SKU: 1917 | Warm White    | 2700K | 3800156619164 |



LED Candle C37  
6W B22    SP6-A8



Lumens



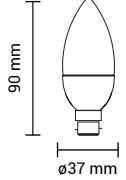
180°



B22

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 6W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 480lm         | Dimension | ø37x90 mm |
| Beam Angle    | 180°          | Body Type | C37       |
| Socket        | B22           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1950 | White Light   | 6000K | 3800156619500 |
| SKU: 1951 | Neutral White | 4500K | 3800156619517 |
| SKU: 1952 | Warm White    | 2700K | 3800156619524 |



LED Candle C37  
6W B22    SP6-A9



Lumens



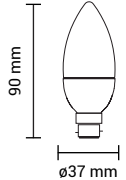
Dimmable



B22

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 6W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 480lm         | Dimension | ø37x90 mm |
| Beam Angle    | 180°          | Body Type | C37       |
| Socket        | B22           | Dimmable  | YES       |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 1953 | Warm White | 2700K | 3800156619531 |
|-----------|------------|-------|---------------|



LED Candle C37  
6W B15    SP6-A8



Lumens



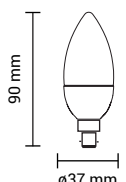
180°



B15

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 6W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 480lm         | Dimension | ø37x90 mm |
| Beam Angle    | 180°          | Body Type | C37       |
| Socket        | B15           | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1954 | White Light   | 6000K | 3800156619548 |
| SKU: 1955 | Neutral White | 4500K | 3800156619555 |
| SKU: 1956 | Warm White    | 2700K | 3800156619562 |





LED Spotlight G4

2W SMD SP2-A1



Lumens



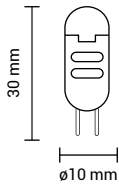
320°



G4

|               |           |           |           |
|---------------|-----------|-----------|-----------|
| Watts         | 2W        | CRI       | Ra>80     |
| Input Voltage | AC;DC 12V | IP Rating | IP20      |
| Flux          | 170lm     | Dimension | ø10x30 mm |
| Beam Angle    | 360°      | Material  | Plastic   |
| Socket        | G4        | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1615 | White Light   | 6000K | 3800156616158 |
| SKU: 1616 | Neutral White | 4500K | 3800156616165 |
| SKU: 1617 | Warm White    | 2700K | 3800156616172 |



LED Spotlight G4/MR11

3W SMD SP3-A2



Lumens



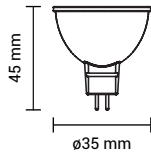
38°



G4

|               |           |           |           |
|---------------|-----------|-----------|-----------|
| Watts         | 3W        | CRI       | Ra>80     |
| Input Voltage | AC;DC 12V | IP Rating | IP20      |
| Flux          | 210lm     | Dimension | ø35x45 mm |
| Beam Angle    | 38°       | Material  | Plastic   |
| Socket        | G4        | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1066 | White Light   | 6000K | 3800156610668 |
| SKU: 1067 | Neutral White | 4500K | 3800156610675 |
| SKU: 1068 | Warm White    | 2700K | 3800156610682 |



LED Spotlight G9

3W SMD SP3-A1



Lumens



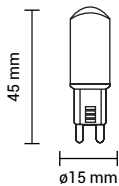
360°



G9

|               |             |           |           |
|---------------|-------------|-----------|-----------|
| Watts         | 3W          | CRI       | Ra>80     |
| Input Voltage | AC:170-265V | IP Rating | IP20      |
| Flux          | 220lm       | Dimension | ø15x45 mm |
| Beam Angle    | 360°        | Material  | Plastic   |
| Socket        | G9          | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1638 | White Light   | 6000K | 3800156616387 |
| SKU: 1639 | Neutral White | 4500K | 3800156616394 |
| SKU: 1640 | Warm White    | 2800K | 3800156616400 |



LED Spotlight G9

5W SMD SP5-A1



Lumens



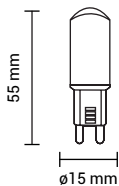
360°



G9

|               |             |           |           |
|---------------|-------------|-----------|-----------|
| Watts         | 5W          | CRI       | Ra>80     |
| Input Voltage | AC:170-265V | IP Rating | IP20      |
| Flux          | 420lm       | Dimension | ø15x55 mm |
| Beam Angle    | 360°        | Material  | Plastic   |
| Socket        | G9          | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1635 | White Light   | 6000K | 3800156616356 |
| SKU: 1636 | Neutral White | 4500K | 3800156616363 |
| SKU: 1637 | Warm White    | 2800K | 3800156616370 |



LED Spotlight G9

6W SMD SP6-A2



Lumens



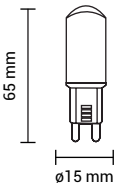
Dimmable



G9

|               |             |           |           |
|---------------|-------------|-----------|-----------|
| Watts         | 6W          | CRI       | Ra>80     |
| Input Voltage | AC:170-265V | IP Rating | IP20      |
| Flux          | 550lm       | Dimension | ø15x65 mm |
| Beam Angle    | 320°        | Material  | Plastic   |
| Socket        | G9          | Dimmable  | YES       |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1641 | White Light   | 6000K | 3800156616417 |
| SKU: 1642 | Neutral White | 4500K | 3800156616424 |
| SKU: 1643 | Warm White    | 2800K | 3800156616431 |



LED Spotlight GX53

7W Recessed SP7-A1



Lumens



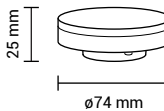
180°



GX53

|               |             |           |           |
|---------------|-------------|-----------|-----------|
| Watts         | 7W          | CRI       | Ra>80     |
| Input Voltage | AC:220-240V | IP Rating | IP20      |
| Flux          | 560lm       | Dimension | ø74x25 mm |
| Beam Angle    | 180°        | Material  | Plastic   |
| Socket        | GX53        | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1541 | White Light   | 6000K | 3800156615410 |
| SKU: 1542 | Neutral White | 4500K | 3800156615427 |
| SKU: 1543 | Warm White    | 2800K | 3800156615434 |



LED Spotlight G5.3

15W AR111 SP15-A3



Lumens



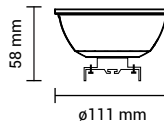
30°



G5.3

|               |             |           |            |
|---------------|-------------|-----------|------------|
| Watts         | 15W         | CRI       | Ra>80      |
| Input Voltage | AC ; DC 12V | IP Rating | IP20       |
| Flux          | 1050lm      | Dimension | ø111x58 mm |
| Beam Angle    | 30°         | Material  | Plastic    |
| Socket        | G5.3        | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1517 | Neutral White | 4500K | 3800156615175 |
| SKU: 1516 | Warm White    | 2700K | 3800156615168 |



EPISTAR Chips

LED Spotlight G5.3

15W AR111 SP15-A4



Lumens



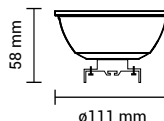
120°



G5.3

|               |             |           |            |
|---------------|-------------|-----------|------------|
| Watts         | 15W         | CRI       | Ra>80      |
| Input Voltage | AC ; DC 12V | IP Rating | IP20       |
| Flux          | 1050lm      | Dimension | ø111x58 mm |
| Beam Angle    | 120°        | Material  | Plastic    |
| Socket        | G5.3        | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1519 | Neutral White | 4500K | 3800156615199 |
| SKU: 1518 | Warm White    | 2700K | 3800156615182 |



EPISTAR Chips

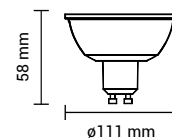
### LED Spotlight GU10

#### 9W AR111 SP9-A1



|               |              |           |            |
|---------------|--------------|-----------|------------|
| Watts         | 9W           | CRI       | Ra>80      |
| Input Voltage | AC: 170-265V | IP Rating | IP20       |
| Flux          | 800lm        | Dimension | ø111x58 mm |
| Beam Angle    | 120°         | Material  | Plastic    |
| Socket        | GU10         | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1531 | Neutral White | 4500K | 3800156615311 |
| SKU: 1532 | Warm White    | 2700K | 3800156615328 |



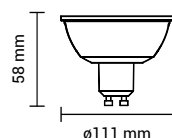
### LED Spotlight GU10

#### 12W AR111 SP15-A1



|               |              |           |            |
|---------------|--------------|-----------|------------|
| Watts         | 15W          | CRI       | Ra>80      |
| Input Voltage | AC: 170-265V | IP Rating | IP20       |
| Flux          | 1200lm       | Dimension | ø111x58 mm |
| Beam Angle    | 30°          | Material  | Plastic    |
| Socket        | GU10         | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1533 | Neutral White | 4500K | 3800156615335 |
| SKU: 1534 | Warm White    | 2700K | 3800156615342 |



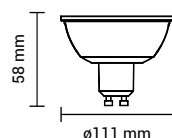
### LED Spotlight GU10

#### 12W AR111 SP15-A2



|               |              |           |            |
|---------------|--------------|-----------|------------|
| Watts         | 15W          | CRI       | Ra>80      |
| Input Voltage | AC: 170-265V | IP Rating | IP20       |
| Flux          | 1100lm       | Dimension | ø111x58 mm |
| Beam Angle    | 30°          | Material  | Plastic    |
| Socket        | GU10         | Dimmable  | YES        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1535 | Neutral White | 4500K | 3800156615359 |
| SKU: 1536 | Warm White    | 2700K | 3800156615366 |



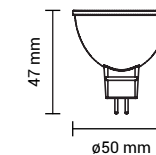
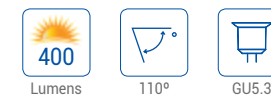
### LED Spotlight GU5.3/MR16

#### 5W SMD SP5-A2



|               |          |           |           |
|---------------|----------|-----------|-----------|
| Watts         | 5W       | CRI       | Ra>80     |
| Input Voltage | DC : 12V | IP Rating | IP20      |
| Flux          | 400lm    | Dimension | ø50x47 mm |
| Beam Angle    | 110°     | Material  | Plastic   |
| Socket        | GU5.3    | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1191 | White Light   | 6000K | 3800156611917 |
| SKU: 1192 | Neutral White | 4500K | 3800156611924 |
| SKU: 1193 | Warm White    | 2700K | 3800156611931 |



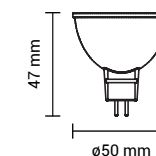
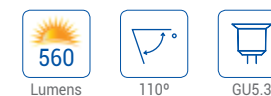
### LED Spotlight GU5.3/MR16

#### 7W SMD SP7-A2



|               |          |           |           |
|---------------|----------|-----------|-----------|
| Watts         | 7W       | CRI       | Ra>80     |
| Input Voltage | DC : 12V | IP Rating | IP20      |
| Flux          | 560lm    | Dimension | ø50x47 mm |
| Beam Angle    | 110°     | Material  | Plastic   |
| Socket        | GU5.3    | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1194 | White Light   | 6000K | 3800156611948 |
| SKU: 1195 | Neutral White | 4500K | 3800156611955 |
| SKU: 1196 | Warm White    | 2700K | 3800156611962 |



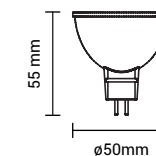
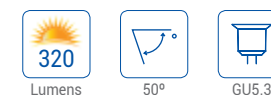
### LED Spotlight GU5.3/MR16

#### 4W COB SP4-A1



|               |           |           |           |
|---------------|-----------|-----------|-----------|
| Watts         | 4W        | CRI       | Ra>80     |
| Input Voltage | AC;DC 12V | IP Rating | IP20      |
| Flux          | 320lm     | Dimension | ø50x55 mm |
| Beam Angle    | 50°       | Material  | Plastic   |
| Socket        | GU5.3     | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1163 | White Light   | 6000K | 3800156611634 |
| SKU: 1167 | Neutral White | 4500K | 3800156611672 |
| SKU: 1164 | Warm White    | 2700K | 3800156611641 |



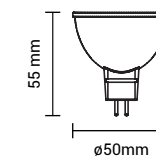
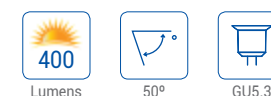
### LED Spotlight GU5.3/MR16

#### 6W COB SP7-A2



|               |           |           |           |
|---------------|-----------|-----------|-----------|
| Watts         | 6W        | CRI       | Ra>80     |
| Input Voltage | AC;DC 12V | IP Rating | IP20      |
| Flux          | 400lm     | Dimension | ø50x55 mm |
| Beam Angle    | 50°       | Material  | Plastic   |
| Socket        | GU5.3     | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1168 | White Light   | 6000K | 3800156611689 |
| SKU: 1169 | Neutral White | 4500K | 3800156611696 |
| SKU: 1170 | Warm White    | 2700K | 3800156611702 |

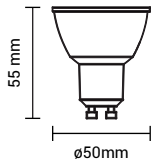
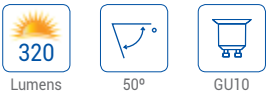




LED Spotlight GU10  
4W COB SP4-A2

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Watts         | 4W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 320lm         | Dimension  | ø50x55 mm |
| Beam Angle    | 50°           | Body Color | White     |
| Socket        | GU10          | Dimmable   | NO        |

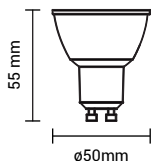
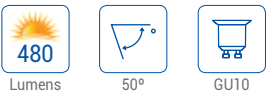
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| SKU: 1957 | White Light   | 6000K | 3800156619579 |
| SKU: 1958 | Neutral White | 4500K | 3800156619586 |
| SKU: 1959 | Warm White    | 2700K | 3800156619593 |



LED Spotlight GU10  
6W COB SP6-A4

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Watts         | 6W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 480lm         | Dimension  | ø50x55 mm |
| Beam Angle    | 50°           | Body Color | White     |
| Socket        | GU10          | Dimmable   | NO        |

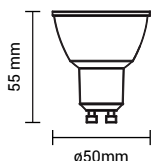
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| SKU: 1960 | White Light   | 6000K | 3800156619609 |
| SKU: 1961 | Neutral White | 4500K | 3800156619616 |
| SKU: 1962 | Warm White    | 2700K | 3800156619623 |



LED Spotlight GU10  
6W COB SP6-A5

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Watts         | 6W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 480lm         | Dimension  | ø50x55 mm |
| Beam Angle    | 50°           | Body Color | White     |
| Socket        | GU10          | Dimmable   | YES       |

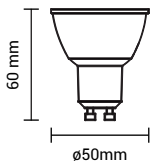
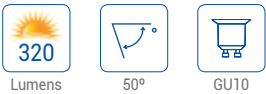
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| SKU: 1963 | White Light   | 6000K | 3800156619630 |
| SKU: 1964 | Neutral White | 4500K | 3800156619647 |
| SKU: 1965 | Warm White    | 2700K | 3800156619654 |



LED Spotlight GU10  
4W COB SP4-A2

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Watts         | 4W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 320lm         | Dimension  | ø50x60 mm |
| Beam Angle    | 50°           | Body Color | Gray      |
| Socket        | GU10          | Dimmable   | NO        |

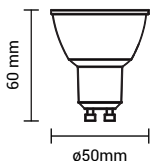
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| SKU: 1263 | White Light   | 6000K | 3800156612631 |
| SKU: 1264 | Neutral White | 4500K | 3800156612648 |
| SKU: 1265 | Warm White    | 2700K | 3800156612655 |



LED Spotlight GU10  
4W COB SP4-A3

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Watts         | 4W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 320lm         | Dimension  | ø50x60 mm |
| Beam Angle    | 50°           | Body Color | Gray      |
| Socket        | GU10          | Dimmable   | YES       |

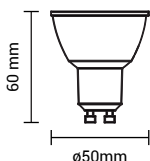
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| SKU: 1266 | White Light   | 6000K | 3800156612662 |
| SKU: 1267 | Neutral White | 4500K | 3800156612679 |
| SKU: 1268 | Warm White    | 2700K | 3800156612686 |



LED Spotlight GU10  
6W COB SP6-A5

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Watts         | 6W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 480lm         | Dimension  | ø50x60 mm |
| Beam Angle    | 50°           | Body Color | Gray      |
| Socket        | GU10          | Dimmable   | NO        |

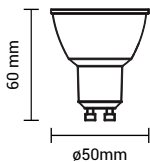
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| SKU: 1269 | White Light   | 6000K | 3800156612693 |
| SKU: 1270 | Neutral White | 4500K | 3800156612709 |
| SKU: 1271 | Warm White    | 2700K | 3800156612716 |



LED Spotlight GU10  
6W COB SP6-A5

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Watts         | 6W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 480lm         | Dimension  | ø50x60 mm |
| Beam Angle    | 50°           | Body Color | Gray      |
| Socket        | GU10          | Dimmable   | YES       |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1272 | White Light   | 6000K | 3800156612723 |
| SKU: 1273 | Neutral White | 4500K | 3800156612730 |
| SKU: 1274 | Warm White    | 2700K | 3800156612747 |



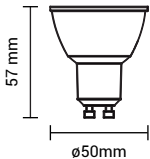
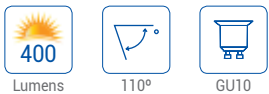




LED Spotlight GU10  
5W SMD SP5-A3

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 5W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø50x57 mm |
| Beam Angle    | 110°          | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | NO        |

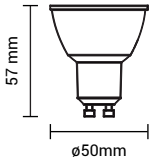
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|-----------|---------------|-------|---------------|
| SKU: 1929 | White Light   | 6000K | 3800156619296 |
| SKU: 1930 | Neutral White | 4500K | 3800156619302 |
| SKU: 1931 | Warm White    | 2700K | 3800156619319 |



LED Spotlight GU10  
5W SMD SP5-A3

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 5W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 400lm         | Dimension | ø50x57 mm |
| Beam Angle    | 38°           | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | NO        |

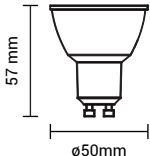
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| SKU: 1935 | White Light   | 6000K | 3800156619357 |
| SKU: 1936 | Neutral White | 4500K | 3800156619364 |
| SKU: 1937 | Warm White    | 2700K | 3800156619371 |



LED Spotlight GU10  
7W SMD SP7-A3

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 7W            | CRI       | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating | IP20      |
| Flux          | 560lm         | Dimension | ø50x57 mm |
| Beam Angle    | 110°          | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | NO        |

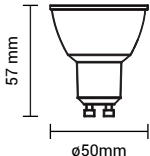
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|-----------|---------------|-------|---------------|
| SKU: 1932 | White Light   | 6000K | 3800156619326 |
| SKU: 1933 | Neutral White | 4500K | 3800156619333 |
| SKU: 1934 | Warm White    | 2700K | 3800156619340 |



LED Spotlight GU10  
7W SMD SP7-A3

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 7W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 560lm         | Dimension | ø50x57 mm |
| Beam Angle    | 38°           | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | NO        |

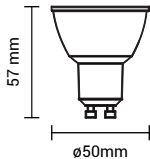
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| SKU: 1938 | White Light   | 6000K | 3800156611689 |
| SKU: 1939 | Neutral White | 4500K | 3800156611696 |
| SKU: 1940 | Warm White    | 2700K | 3800156611702 |



LED Spotlight GU10  
7W SMD SP7-A3

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 7W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 500lm         | Dimension | ø50x57 mm |
| Beam Angle    | 110°          | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | YES       |

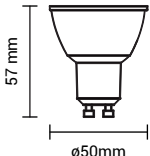
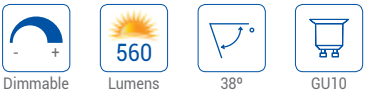
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|-----------|---------------|-------|---------------|
| SKU: 1945 | White Light   | 6000K | 3800156619456 |
| SKU: 1946 | Neutral White | 4500K | 3800156619463 |
| SKU: 1947 | Warm White    | 2700K | 3800156619470 |



LED Spotlight GU10  
7W SMD SP7-A4

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 7W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 560lm         | Dimension | ø50x57 mm |
| Beam Angle    | 38°           | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | YES       |

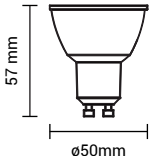
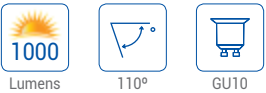
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|-----------|---------------|-------|---------------|
| SKU: 1943 | Neutral White | 4500K | 3800156619432 |
|-----------|---------------|-------|---------------|



LED Spotlight GU10  
10W SMD SP10-A3

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 10W           | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 1000lm        | Dimension | ø50x57 mm |
| Beam Angle    | 110°          | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1970 | White Light   | 6000K | 3800156619708 |
| SKU: 1971 | Neutral White | 4500K | 3800156619715 |
| SKU: 1972 | Warm White    | 2700K | 3800156619722 |



LED Bulbs Premium Line

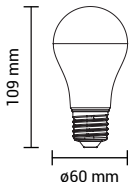


LED Bulb A60  
10W E27 SP10-A2



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 10W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 806lm         | Dimension | ø60x109 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1718 | White Light   | 6000K | 3800156617186 |
| SKU: 1719 | Neutral White | 4500K | 3800156617193 |
| SKU: 1720 | Warm White    | 2700K | 3800156617209 |

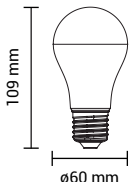


LED Bulb A60  
10W E27 SP10-A2



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 10W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 806lm         | Dimension | ø60x109 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1727 | White Light   | 6000K | 3800156617278 |
| SKU: 1728 | Neutral White | 4500K | 3800156617285 |
| SKU: 1729 | Warm White    | 2700K | 3800156617292 |

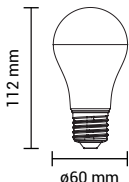


LED Bulb A60  
12W E27 SP12-A4



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 12W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 1055lm        | Dimension | ø60x112 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1721 | White Light   | 6000K | 3800156617216 |
| SKU: 1722 | Neutral White | 4500K | 3800156617223 |
| SKU: 1723 | Warm White    | 2700K | 3800156617230 |

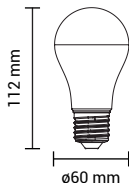


LED Bulb A60  
12W E27 SP12-A4



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 12W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 1055lm        | Dimension | ø60x112 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1730 | White Light   | 6000K | 3800156617308 |
| SKU: 1731 | Neutral White | 4500K | 3800156617315 |
| SKU: 1732 | Warm White    | 2700K | 3800156617322 |

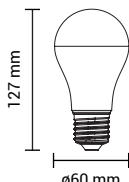


LED Bulb A60  
15W E27 SP15-A6



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 15W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 1320lm        | Dimension | ø60x127 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1724 | White Light   | 6000K | 3800156617247 |
| SKU: 1725 | Neutral White | 4500K | 3800156617254 |
| SKU: 1726 | Warm White    | 2700K | 3800156617261 |

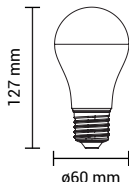


LED Bulb A60  
15W E27 SP15-A6



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 15W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 1320lm        | Dimension | ø60x127 mm |
| Beam Angle    | 270°          | Body Type | A60        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1733 | White Light   | 6000K | 3800156617339 |
| SKU: 1734 | Neutral White | 4500K | 3800156617346 |
| SKU: 1735 | Warm White    | 2700K | 3800156617353 |

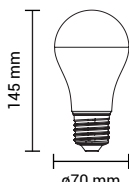


LED Bulb A70  
18W E27 SP18-A1



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Watts         | 18W           | CRI       | Ra>80      |
| Input Voltage | AC : 175-265V | IP Rating | IP20       |
| Flux          | 1700lm        | Dimension | ø70x145 mm |
| Beam Angle    | 270°          | Body Type | A70        |
| Socket        | E27           | Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1748 | White Light   | 6000K | 3800156617483 |
| SKU: 1749 | Neutral White | 4500K | 3800156617490 |
| SKU: 1750 | Warm White    | 2700K | 3800156617506 |



LED Bulb G45  
4W E27

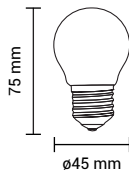
SP4-A5



|               |               |
|---------------|---------------|
| Watts         | 4W            |
| Input Voltage | AC : 175-265V |
| Flux          | 320lm         |
| Beam Angle    | 180°          |
| Socket        | E27           |

|           |           |
|-----------|-----------|
| CRI       | Ra>80     |
| IP Rating | IP20      |
| Dimension | ø45x75 mm |
| Body Type | G45       |
| Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1736 | White Light   | 6000K | 3800156617360 |
| SKU: 1737 | Neutral White | 4500K | 3800156617377 |
| SKU: 1738 | Warm White    | 2700K | 3800156617384 |



5 Years  
Warranty

LED Bulb G45  
6W E27

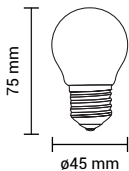
SP6-A8



|               |               |
|---------------|---------------|
| Watts         | 6W            |
| Input Voltage | AC : 175-265V |
| Flux          | 480lm         |
| Beam Angle    | 180°          |
| Socket        | E27           |

|           |           |
|-----------|-----------|
| CRI       | Ra>80     |
| IP Rating | IP20      |
| Dimension | ø45x75 mm |
| Body Type | G45       |
| Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1739 | White Light   | 6000K | 3800156617391 |
| SKU: 1740 | Neutral White | 4500K | 3800156617407 |
| SKU: 1741 | Warm White    | 2700K | 3800156617414 |



5 Years  
Warranty

LED Bulb G95  
12W E27

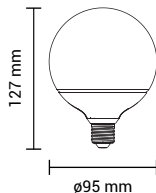
SP12-A4



|               |               |
|---------------|---------------|
| Watts         | 12W           |
| Input Voltage | AC : 175-265V |
| Flux          | 1055lm        |
| Beam Angle    | 270°          |
| Socket        | E27           |

|           |            |
|-----------|------------|
| CRI       | Ra>80      |
| IP Rating | IP20       |
| Dimension | ø95x127 mm |
| Body Type | G95        |
| Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1742 | White Light   | 6000K | 3800156617421 |
| SKU: 1743 | Neutral White | 4500K | 3800156617438 |
| SKU: 1744 | Warm White    | 2700K | 3800156617445 |



5 Years  
Warranty

LED Bulb G120  
15W E27

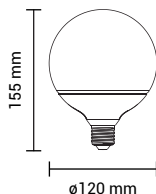
SP15-A6



|               |               |
|---------------|---------------|
| Watts         | 15W           |
| Input Voltage | AC : 175-265V |
| Flux          | 1320lm        |
| Beam Angle    | 270°          |
| Socket        | E27           |

|           |             |
|-----------|-------------|
| CRI       | Ra>80       |
| IP Rating | IP20        |
| Dimension | ø120x155 mm |
| Body Type | G120        |
| Dimmable  | NO          |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1745 | White Light   | 6000K | 3800156617452 |
| SKU: 1746 | Neutral White | 4500K | 3800156617469 |
| SKU: 1747 | Warm White    | 2700K | 3800156617476 |



5 Years  
Warranty

LED Candle C37  
6W E14

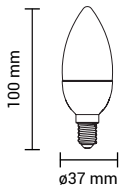
SP6-A8



|               |               |
|---------------|---------------|
| Watts         | 6W            |
| Input Voltage | AC : 175-265V |
| Flux          | 480lm         |
| Beam Angle    | 180°          |
| Socket        | E14           |

|           |            |
|-----------|------------|
| CRI       | Ra>80      |
| IP Rating | IP20       |
| Dimension | ø37x100 mm |
| Body Type | C37        |
| Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1780 | White Light   | 6000K | 3800156617803 |
| SKU: 1781 | Neutral White | 4500K | 3800156617810 |
| SKU: 1782 | Warm White    | 2700K | 3800156617827 |



5 Years  
Warranty

LED Candle C37 Tip  
6W E14

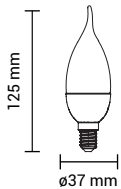
SP6-A8



|               |               |
|---------------|---------------|
| Watts         | 6W            |
| Input Voltage | AC : 175-265V |
| Flux          | 480lm         |
| Beam Angle    | 180°          |
| Socket        | E14           |

|           |            |
|-----------|------------|
| CRI       | Ra>80      |
| IP Rating | IP20       |
| Dimension | ø37x125 mm |
| Body Type | C37 Tip    |
| Dimmable  | NO         |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1751 | White Light   | 6000K | 3800156617513 |
| SKU: 1752 | Neutral White | 4500K | 3800156617520 |
| SKU: 1759 | Warm White    | 2700K | 3800156617599 |



5 Years  
Warranty

LED Bulb P45  
6W E14

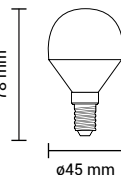
SP6-A8



|               |               |
|---------------|---------------|
| Watts         | 6W            |
| Input Voltage | AC : 175-265V |
| Flux          | 480lm         |
| Beam Angle    | 240°          |
| Socket        | E14           |

|           |           |
|-----------|-----------|
| CRI       | Ra>80     |
| IP Rating | IP20      |
| Dimension | ø45x78 mm |
| Body Type | P45       |
| Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1753 | White Light   | 6000K | 3800156617537 |
| SKU: 1754 | Neutral White | 4500K | 3800156617544 |
| SKU: 1755 | Warm White    | 2700K | 3800156617551 |



5 Years  
Warranty

LED Bulb R50  
6W E14

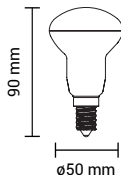
SP6-A8



|               |               |
|---------------|---------------|
| Watts         | 6W            |
| Input Voltage | AC : 175-265V |
| Flux          | 450lm         |
| Beam Angle    | 200°          |
| Socket        | E14           |

|           |           |
|-----------|-----------|
| CRI       | Ra>80     |
| IP Rating | IP20      |
| Dimension | ø50x90 mm |
| Body Type | R50       |
| Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1756 | White Light   | 6000K | 3800156617568 |
| SKU: 1757 | Neutral White | 4500K | 3800156617575 |
| SKU: 1758 | Warm White    | 2700K | 3800156617582 |



5 Years  
Warranty

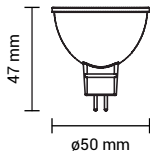
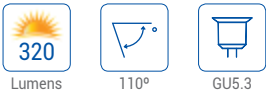




LED Spotlight GU5.3/MR16  
5W SMD SP5-A2

|               |          |           |           |
|---------------|----------|-----------|-----------|
| Watts         | 5W       | CRI       | Ra>80     |
| Input Voltage | DC : 12V | IP Rating | IP20      |
| Flux          | 320lm    | Dimension | ø50x47 mm |
| Beam Angle    | 110°     | Material  | Plastic   |
| Socket        | GU5.3    | Dimmable  | NO        |

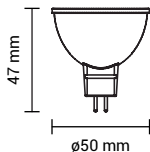
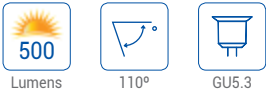
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1761 | White Light   | 6000K | 3800156617612 |
| SKU: 1762 | Neutral White | 4500K | 3800156617629 |
| SKU: 1763 | Warm White    | 2700K | 3800156617636 |



LED Spotlight GU5.3/MR16  
7W SMD SP7-A2

|               |          |           |           |
|---------------|----------|-----------|-----------|
| Watts         | 7W       | CRI       | Ra>80     |
| Input Voltage | DC : 12V | IP Rating | IP20      |
| Flux          | 500lm    | Dimension | ø50x47 mm |
| Beam Angle    | 110°     | Material  | Plastic   |
| Socket        | GU5.3    | Dimmable  | NO        |

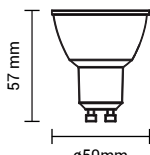
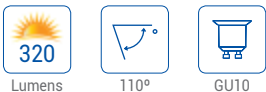
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1764 | White Light   | 6000K | 3800156617643 |
| SKU: 1765 | Neutral White | 4500K | 3800156617650 |
| SKU: 1766 | Warm White    | 2700K | 3800156617667 |



LED Spotlight GU10  
5W SMD SP5-A3

|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 5W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 320lm         | Dimension | ø50x57 mm |
| Beam Angle    | 110°          | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | NO        |

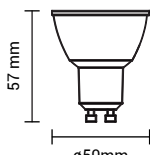
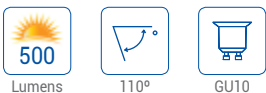
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1767 | White Light   | 6000K | 3800156617674 |
| SKU: 1768 | Neutral White | 4500K | 3800156617681 |
| SKU: 1769 | Warm White    | 2700K | 3800156617698 |



LED Spotlight GU10  
7W SMD SP7-A3

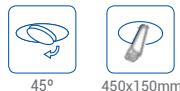
|               |               |           |           |
|---------------|---------------|-----------|-----------|
| Watts         | 7W            | CRI       | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating | IP20      |
| Flux          | 500lm         | Dimension | ø50x57 mm |
| Beam Angle    | 110°          | Material  | Plastic   |
| Socket        | GU10          | Dimmable  | NO        |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 1772 | White Light   | 6000K | 3800156617728 |
| SKU: 1770 | Neutral White | 4500K | 3800156617704 |
| SKU: 1773 | Warm White    | 2700K | 3800156617735 |



|           |            |               |           |            |               |           |            |               |
|-----------|------------|---------------|-----------|------------|---------------|-----------|------------|---------------|
| SKU: 5081 | WHITE BODY | 3800156650817 | SKU: 5083 | WHITE BODY | 3800156650831 | SKU: 5085 | WHITE BODY | 3800156650855 |
|-----------|------------|---------------|-----------|------------|---------------|-----------|------------|---------------|

|           |               |           |               |           |               |
|-----------|---------------|-----------|---------------|-----------|---------------|
| Dimension | 180x180x42 mm | Dimension | 330x180x42 mm | Dimension | 480x180x42 mm |
|-----------|---------------|-----------|---------------|-----------|---------------|

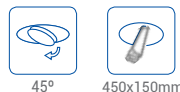
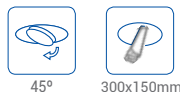


Accessories  
AR111 Fitting Adjustable



|           |             |               |           |             |               |           |             |               |
|-----------|-------------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|
| SKU: 5082 | SILVER BODY | 3800156650824 | SKU: 5084 | SILVER BODY | 3800156650848 | SKU: 5086 | SILVER BODY | 3800156650862 |
|-----------|-------------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|

|           |               |           |               |           |               |
|-----------|---------------|-----------|---------------|-----------|---------------|
| Dimension | 180x180x42 mm | Dimension | 330x180x42 mm | Dimension | 480x180x42 mm |
|-----------|---------------|-----------|---------------|-----------|---------------|



Accessories  
AR111 Fitting Adjustable





|           |            |               |           |           |               |           |             |               |
|-----------|------------|---------------|-----------|-----------|---------------|-----------|-------------|---------------|
| SKU: 5070 | WHITE BODY | 3800156650701 | SKU: 5071 | INOX BODY | 3800156650718 | SKU: 5072 | CHROME BODY | 3800156650725 |
| Dimension | ø82x30 mm  |               | Dimension | ø82x30 mm |               | Dimension | ø82x30 mm   |               |

Accessories  
GU10,MR16 Fitting



|           |             |               |           |             |               |           |             |               |
|-----------|-------------|---------------|-----------|-------------|---------------|-----------|-------------|---------------|
| SKU: 5073 | WHITE BODY  | 3800156650732 | SKU: 5074 | INOX BODY   | 3800156650749 | SKU: 5075 | CHROME BODY | 3800156650756 |
| Dimension | 83x83x30 mm |               | Dimension | 83x83x30 mm |               | Dimension | 83x83x30 mm |               |

Accessories  
GU10,MR16 Fitting



|           |            |           |           |           |           |           |             |           |
|-----------|------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| SKU: 5170 | WHITE BODY | Aluminium | SKU: 5171 | INOX BODY | Aluminium | SKU: 5172 | CHROME BODY | Aluminium |
| Dimension | ø83x29 mm  |           | Dimension | ø83x29 mm |           | Dimension | ø83x29 mm   |           |

|             |            |               |             |           |               |             |             |               |
|-------------|------------|---------------|-------------|-----------|---------------|-------------|-------------|---------------|
| SKU: 5170-N | WHITE BODY | 3800156651708 | SKU: 5171-N | INOX BODY | 3800156651715 | SKU: 5172-N | CHROME BODY | 3800156651722 |
| Dimension   | ø83x29 mm  |               | Dimension   | ø83x29 mm |               | Dimension   | ø83x29 mm   |               |

Accessories  
GU10,MR16 Fitting Adjustable



|           |            |               |           |           |               |           |             |               |
|-----------|------------|---------------|-----------|-----------|---------------|-----------|-------------|---------------|
| SKU: 5076 | WHITE BODY | 3800156650763 | SKU: 5077 | INOX BODY | 3800156650770 | SKU: 5078 | CHROME BODY | 3800156650787 |
| Dimension | ø83x29 mm  |               | Dimension | ø83x29 mm |               | Dimension | ø83x29 mm   |               |

Accessories  
GU10,MR16 Fitting Adjustable





LED tubes are the perfect replacement for old fluorescent tubes. With variety of sizes, powers and colour temperatures they are suitable for every need – from home use to office or warehouses.

Features:

- Up to 80% power saving
- Standard sizes, fits already built lighting solutions
- Variety of colour temperatures
- Single or two side power
- Build-in starters
- Variety of covers – from nano-plastic to glass

Application:

- Indoor use – home, offices, shops
- Main lighting
- Suitable for tube fixtures

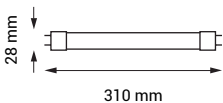
## LED TUBES AND BATTEN LIGHTS





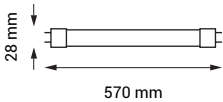
LED TUBE T5  
Matt With Switch

|                                                                                                   |               |               |               |       |
|---------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>4W</b>                                                                                         | Product code  | TU4-A2        | Beam Angle    | 120°  |
| <br>320<br>Lumens | Watts         | 4W            | CRI           | Ra>80 |
|                                                                                                   | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                   | Flux          | 320lm         | Instant Start | <0.5s |



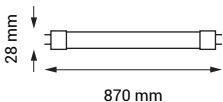
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5521 | White Light   | 6000K | 3800156655218 |
| SKU: 5522 | Neutral White | 4500K | 3800156655225 |
| SKU: 5523 | Warm White    | 2800K | 3800156655232 |

|                                                                                                    |               |               |               |       |
|----------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>8W</b>                                                                                          | Product code  | TU8-A2        | Beam Angle    | 120°  |
| <br>640<br>Lumens | Watts         | 8W            | CRI           | Ra>80 |
|                                                                                                    | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                    | Flux          | 640lm         | Instant Start | <0.5s |



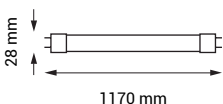
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5524 | White Light   | 6000K | 3800156655249 |
| SKU: 5525 | Neutral White | 4500K | 3800156655256 |
| SKU: 5526 | Warm White    | 2800K | 3800156655263 |

|                                                                                                     |               |               |               |       |
|-----------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>12W</b>                                                                                          | Product code  | TU12-A2       | Beam Angle    | 120°  |
| <br>960<br>Lumens | Watts         | 12W           | CRI           | Ra>80 |
|                                                                                                     | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                     | Flux          | 960lm         | Instant Start | <0.5s |



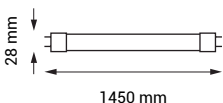
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5527 | White Light   | 6000K | 3800156655270 |
| SKU: 5528 | Neutral White | 4500K | 3800156655287 |
| SKU: 5529 | Warm White    | 2800K | 3800156655294 |

|                                                                                                      |               |               |               |       |
|------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>16W</b>                                                                                           | Product code  | TU16-A2       | Beam Angle    | 120°  |
| <br>1280<br>Lumens | Watts         | 16W           | CRI           | Ra>80 |
|                                                                                                      | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                      | Flux          | 1280lm        | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5530 | White Light   | 6000K | 3800156655300 |
| SKU: 5531 | Neutral White | 4500K | 3800156655317 |
| SKU: 5532 | Warm White    | 2800K | 3800156655324 |

|                                                                                                      |               |               |               |       |
|------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>20W</b>                                                                                           | Product code  | TU20-A2       | Beam Angle    | 120°  |
| <br>1600<br>Lumens | Watts         | 20W           | CRI           | Ra>80 |
|                                                                                                      | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                      | Flux          | 1600lm        | Instant Start | <0.5s |

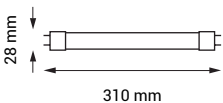


|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5533 | White Light   | 6000K | 3800156655331 |
| SKU: 5534 | Neutral White | 4500K | 3800156655348 |
| SKU: 5535 | Warm White    | 2800K | 3800156655355 |



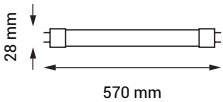
LED TUBE T5  
Matt

|                                                                                                      |               |               |               |       |
|------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>4W</b>                                                                                            | Product code  | TU4-A1        | Beam Angle    | 120°  |
| <br>320<br>Lumens | Watts         | 4W            | CRI           | Ra>80 |
|                                                                                                      | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                      | Flux          | 320lm         | Instant Start | <0.5s |



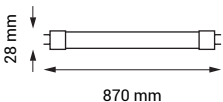
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5653 | White Light   | 6000K | 3800156656536 |
| SKU: 5645 | Neutral White | 4500K | 3800156656451 |
| SKU: 5655 | Warm White    | 2800K | 3800156656550 |

|                                                                                                       |               |               |               |       |
|-------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>8W</b>                                                                                             | Product code  | TU8-A1        | Beam Angle    | 120°  |
| <br>640<br>Lumens | Watts         | 8W            | CRI           | Ra>80 |
|                                                                                                       | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                       | Flux          | 640lm         | Instant Start | <0.5s |



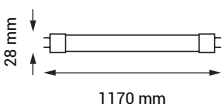
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5654 | White Light   | 6000K | 3800156656543 |
| SKU: 5646 | Neutral White | 4500K | 3800156656468 |
| SKU: 5656 | Warm White    | 2800K | 3800156656567 |

|                                                                                                        |               |               |               |       |
|--------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>12W</b>                                                                                             | Product code  | TU12-A1       | Beam Angle    | 120°  |
| <br>960<br>Lumens | Watts         | 12W           | CRI           | Ra>80 |
|                                                                                                        | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                        | Flux          | 960lm         | Instant Start | <0.5s |



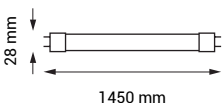
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|-----------|---------------|-------|---------------|
| SKU: 5652 | White Light   | 6000K | 3800156656529 |
| SKU: 5647 | Neutral White | 4500K | 3800156656475 |
| SKU: 5657 | Warm White    | 2800K | 3800156656574 |

|                                                                                                         |               |               |               |       |
|---------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>16W</b>                                                                                              | Product code  | TU16-A1       | Beam Angle    | 120°  |
| <br>1280<br>Lumens | Watts         | 16W           | CRI           | Ra>80 |
|                                                                                                         | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                         | Flux          | 1280lm        | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5651 | White Light   | 6000K | 3800156656512 |
| SKU: 5648 | Neutral White | 4500K | 3800156656482 |
| SKU: 5658 | Warm White    | 2800K | 3800156656581 |

|                                                                                                         |               |               |               |       |
|---------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|-------|
| <b>20W</b>                                                                                              | Product code  | TU20-A1       | Beam Angle    | 120°  |
| <br>1600<br>Lumens | Watts         | 20W           | CRI           | Ra>80 |
|                                                                                                         | Input Voltage | AC : 220-240V | IP Rating     | IP20  |
|                                                                                                         | Flux          | 1600lm        | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5650 | White Light   | 6000K | 3800156656505 |
| SKU: 5649 | Neutral White | 4500K | 3800156656499 |
| SKU: 5659 | Warm White    | 2800K | 3800156656598 |



LED TUBE T8 PF>0.9  
High Lumen  
Nano Plastic - One Side Power



|                                                             |               |               |               |       |                                                  |                                                                                                                                                                       |
|-------------------------------------------------------------|---------------|---------------|---------------|-------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>7W</div> <div></div> <div>1120</div> <div>Lumens</div> | Product code  | TU7-A3        | Beam Angle    | 270°  | <div>25.4 mm</div> <div></div> <div>600 mm</div> | SKU: 5541 White Light <div>6000K</div> 3800156655416<br>SKU: 5542 Neutral White <div>4100K</div> 3800156655423<br>SKU: 5543 Warm White <div>2800K</div> 3800156655430 |
|                                                             | Watts         | 7W            | CRI           | Ra>80 |                                                  |                                                                                                                                                                       |
|                                                             | Input Voltage | AC : 175-250V | IP Rating     | IP20  |                                                  |                                                                                                                                                                       |
|                                                             | Flux          | 1120lm        | Instant Start | <0.5s |                                                  |                                                                                                                                                                       |
|                                                             |               |               |               |       |                                                  |                                                                                                                                                                       |

|                                                              |               |               |               |       |                                                   |                                                                                                                                                                       |
|--------------------------------------------------------------|---------------|---------------|---------------|-------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>12W</div> <div></div> <div>1920</div> <div>Lumens</div> | Product code  | TU12-A3       | Beam Angle    | 270°  | <div>25.4 mm</div> <div></div> <div>1200 mm</div> | SKU: 5544 White Light <div>6000K</div> 3800156655447<br>SKU: 5545 Neutral White <div>4100K</div> 3800156655454<br>SKU: 5546 Warm White <div>2800K</div> 3800156655461 |
|                                                              | Watts         | 12W           | CRI           | Ra>80 |                                                   |                                                                                                                                                                       |
|                                                              | Input Voltage | AC : 175-250V | IP Rating     | IP20  |                                                   |                                                                                                                                                                       |
|                                                              | Flux          | 1920lm        | Instant Start | <0.5s |                                                   |                                                                                                                                                                       |
|                                                              |               |               |               |       |                                                   |                                                                                                                                                                       |

|                                                              |               |               |               |       |                                                   |                                                                                                                                                                       |
|--------------------------------------------------------------|---------------|---------------|---------------|-------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>16W</div> <div></div> <div>2560</div> <div>Lumens</div> | Product code  | TU16-A3       | Beam Angle    | 270°  | <div>25.4 mm</div> <div></div> <div>1500 mm</div> | SKU: 5547 White Light <div>6000K</div> 3800156655478<br>SKU: 5548 Neutral White <div>4100K</div> 3800156655485<br>SKU: 5549 Warm White <div>2800K</div> 3800156655492 |
|                                                              | Watts         | 16W           | CRI           | Ra>80 |                                                   |                                                                                                                                                                       |
|                                                              | Input Voltage | AC : 175-250V | IP Rating     | IP20  |                                                   |                                                                                                                                                                       |
|                                                              | Flux          | 2560lm        | Instant Start | <0.5s |                                                   |                                                                                                                                                                       |
|                                                              |               |               |               |       |                                                   |                                                                                                                                                                       |



LED TUBE T8 PF>0.9  
Nano Plastic - One Side Power



|                                                             |               |               |               |       |                                                |                                                                                                                                                                       |
|-------------------------------------------------------------|---------------|---------------|---------------|-------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>9W</div> <div></div> <div>1050</div> <div>Lumens</div> | Product code  | TU9-A3        | Beam Angle    | 270°  | <div>28 mm</div> <div></div> <div>600 mm</div> | SKU: 5511 White Light <div>6000K</div> 3800156655119<br>SKU: 5512 Neutral White <div>4100K</div> 3800156655126<br>SKU: 5513 Warm White <div>2800K</div> 3800156655133 |
|                                                             | Watts         | 9W            | CRI           | Ra>80 |                                                |                                                                                                                                                                       |
|                                                             | Input Voltage | AC : 175-250V | IP Rating     | IP20  |                                                |                                                                                                                                                                       |
|                                                             | Flux          | 1050lm        | Instant Start | <0.5s |                                                |                                                                                                                                                                       |
|                                                             |               |               |               |       |                                                |                                                                                                                                                                       |

|                                                              |               |               |               |       |                                                 |                                                                                                                                                                       |
|--------------------------------------------------------------|---------------|---------------|---------------|-------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>18W</div> <div></div> <div>2150</div> <div>Lumens</div> | Product code  | TU18-A3       | Beam Angle    | 270°  | <div>28 mm</div> <div></div> <div>1200 mm</div> | SKU: 5514 White Light <div>6000K</div> 3800156655140<br>SKU: 5515 Neutral White <div>4100K</div> 3800156655157<br>SKU: 5516 Warm White <div>2800K</div> 3800156655164 |
|                                                              | Watts         | 18W           | CRI           | Ra>80 |                                                 |                                                                                                                                                                       |
|                                                              | Input Voltage | AC : 175-240V | IP Rating     | IP20  |                                                 |                                                                                                                                                                       |
|                                                              | Flux          | 2150lm        | Instant Start | <0.5s |                                                 |                                                                                                                                                                       |
|                                                              |               |               |               |       |                                                 |                                                                                                                                                                       |

|                                                              |               |               |               |       |                                                 |                                                                                                                                                                       |
|--------------------------------------------------------------|---------------|---------------|---------------|-------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>22W</div> <div></div> <div>2560</div> <div>Lumens</div> | Product code  | TU22-A3       | Beam Angle    | 270°  | <div>28 mm</div> <div></div> <div>1500 mm</div> | SKU: 5517 White Light <div>6000K</div> 3800156655171<br>SKU: 5518 Neutral White <div>4100K</div> 3800156655188<br>SKU: 5519 Warm White <div>2800K</div> 3800156655195 |
|                                                              | Watts         | 22W           | CRI           | Ra>80 |                                                 |                                                                                                                                                                       |
|                                                              | Input Voltage | AC : 175-250V | IP Rating     | IP20  |                                                 |                                                                                                                                                                       |
|                                                              | Flux          | 2560lm        | Instant Start | <0.5s |                                                 |                                                                                                                                                                       |
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LED TUBE T8 PF>0.9  
PRO - Line  
Glass - One Side Power



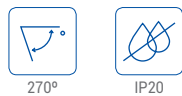
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| <div>9W</div> <div></div> <div>1000</div> <div>Lumens</div> | Product code  | TU9-A4        | Beam Angle    | 270°  | <div></div> <div>SKU: 5614 White Light  6000K 3800156656147</div> <div>SKU: 5615 Neutral White  4500K 3800156656154</div> |  |  |  |
|                                                             | Watts         | 9W            | CRI           | Ra>80 |                                                                                                                           |  |  |  |
|                                                             | Input Voltage | AC : 175-265V | IP Rating     | IP20  |                                                                                                                           |  |  |  |
|                                                             | Flux          | 1000lm        | Instant Start | <0.5s |                                                                                                                           |  |  |  |
|                                                             |               |               |               |       |                                                                                                                           |  |  |  |

|                                                              |               |               |               |       |                                                                                                                           |  |  |  |
|--------------------------------------------------------------|---------------|---------------|---------------|-------|---------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <div>18W</div> <div></div> <div>2100</div> <div>Lumens</div> | Product code  | TU18-A4       | Beam Angle    | 270°  | <div></div> <div>SKU: 5617 White Light  6000K 3800156656178</div> <div>SKU: 5618 Neutral White  4500K 3800156656185</div> |  |  |  |
|                                                              | Watts         | 18W           | CRI           | Ra>80 |                                                                                                                           |  |  |  |
|                                                              | Input Voltage | AC : 175-265V | IP Rating     | IP20  |                                                                                                                           |  |  |  |
|                                                              | Flux          | 2100lm        | Instant Start | <0.5s |                                                                                                                           |  |  |  |
|                                                              |               |               |               |       |                                                                                                                           |  |  |  |

|                                                              |               |               |               |       |                                                                                                                           |  |  |  |
|--------------------------------------------------------------|---------------|---------------|---------------|-------|---------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <div>24W</div> <div></div> <div>3000</div> <div>Lumens</div> | Product code  | TU24-A1       | Beam Angle    | 270°  | <div></div> <div>SKU: 5610 White Light  6000K 3800156656109</div> <div>SKU: 5611 Neutral White  4500K 3800156656116</div> |  |  |  |
|                                                              | Watts         | 24W           | CRI           | Ra>80 |                                                                                                                           |  |  |  |
|                                                              | Input Voltage | AC : 175-265V | IP Rating     | IP20  |                                                                                                                           |  |  |  |
|                                                              | Flux          | 3000lm        | Instant Start | <0.5s |                                                                                                                           |  |  |  |
|                                                              |               |               |               |       |                                                                                                                           |  |  |  |



LED TUBE T8 PF>0.9  
City Line  
Glass - One Side Power



|                                                            |               |               |               |       |                                                                                                                                                                                |  |  |  |
|------------------------------------------------------------|---------------|---------------|---------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <div>9W</div> <div></div> <div>800</div> <div>Lumens</div> | Product code  | TU9-A2        | Beam Angle    | 270°  | <div></div> <div>SKU: 5601 White Light  6000K 3800156656017</div> <div>SKU: 5602 Neutral White  4500K 3800156656024</div> <div>SKU: 5603 Warm White  3000K 3800156656031</div> |  |  |  |
|                                                            | Watts         | 9W            | CRI           | Ra>80 |                                                                                                                                                                                |  |  |  |
|                                                            | Input Voltage | AC : 175-265V | IP Rating     | IP20  |                                                                                                                                                                                |  |  |  |
|                                                            | Flux          | 800lm         | Instant Start | <0.5s |                                                                                                                                                                                |  |  |  |
|                                                            |               |               |               |       |                                                                                                                                                                                |  |  |  |

|                                                              |               |               |               |       |                                                                                                                                                                                |  |  |  |
|--------------------------------------------------------------|---------------|---------------|---------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <div>18W</div> <div></div> <div>1600</div> <div>Lumens</div> | Product code  | TU18-A2       | Beam Angle    | 270°  | <div></div> <div>SKU: 5604 White Light  6000K 3800156656048</div> <div>SKU: 5605 Neutral White  4500K 3800156656055</div> <div>SKU: 5606 Warm White  3000K 3800156656062</div> |  |  |  |
|                                                              | Watts         | 18W           | CRI           | Ra>80 |                                                                                                                                                                                |  |  |  |
|                                                              | Input Voltage | AC : 175-265V | IP Rating     | IP20  |                                                                                                                                                                                |  |  |  |
|                                                              | Flux          | 1600lm        | Instant Start | <0.5s |                                                                                                                                                                                |  |  |  |
|                                                              |               |               |               |       |                                                                                                                                                                                |  |  |  |

|                                                              |               |               |               |       |                                                                                                                                                                                |  |  |  |
|--------------------------------------------------------------|---------------|---------------|---------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <div>22W</div> <div></div> <div>2000</div> <div>Lumens</div> | Product code  | TU22-A2       | Beam Angle    | 270°  | <div></div> <div>SKU: 5607 White Light  6000K 3800156656079</div> <div>SKU: 5608 Neutral White  4500K 3800156656086</div> <div>SKU: 5609 Warm White  3000K 3800156656093</div> |  |  |  |
|                                                              | Watts         | 22W           | CRI           | Ra>80 |                                                                                                                                                                                |  |  |  |
|                                                              | Input Voltage | AC : 175-265V | IP Rating     | IP20  |                                                                                                                                                                                |  |  |  |
|                                                              | Flux          | 2560lm        | Instant Start | <0.5s |                                                                                                                                                                                |  |  |  |
|                                                              |               |               |               |       |                                                                                                                                                                                |  |  |  |





OPTONICA



With Starter



140°

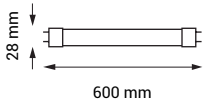


IP20

LED TUBE T8 PF>0.9  
Professional edition  
Aluminium-One Side Power



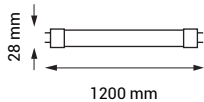
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|---------------|---------------|---------------|-------|
| Product code  | TU9-A1        | Beam Angle    | 140°  |
| Watts         | 9W            | CRI           | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating     | IP20  |
| Flux          | 810lm         | Instant Start | <0.5s |



|             |               |       |               |
|-------------|---------------|-------|---------------|
| SKU: 5611-M | White Light   | 6000K | 3800156656116 |
| SKU: 5613-M | Neutral White | 4500K | 3800156656130 |
| SKU: 5612-M | Warm White    | 2800K | 3800156656123 |



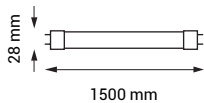
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|---------------|---------------|---------------|-------|
| Product code  | TU18-A1       | Beam Angle    | 140°  |
| Watts         | 18W           | CRI           | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating     | IP20  |
| Flux          | 1440lm        | Instant Start | <0.5s |



|             |               |       |               |
|-------------|---------------|-------|---------------|
| SKU: 5623-M | White Light   | 6000K | 3800156656239 |
| SKU: 5625-M | Neutral White | 4500K | 3800156656253 |
| SKU: 5624-M | Warm White    | 2800K | 3800156656246 |



|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | TU22-A1       | Beam Angle    | 140°  |
| Watts         | 22W           | CRI           | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating     | IP20  |
| Flux          | 1700lm        | Instant Start | <0.5s |



|             |               |       |               |
|-------------|---------------|-------|---------------|
| SKU: 5641-M | White Light   | 6000K | 3800156656413 |
| SKU: 5642-M | Neutral White | 4500K | 3800156656420 |
| SKU: 5643-M | Warm White    | 2800K | 3800156656437 |

OPTONICA



LED TUBE T8  
Home edition  
Glass - One Side Power



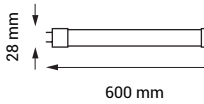
270°



IP20



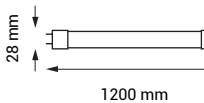
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|---------------|---------------|---------------|-------|
| Product code  | TU9-A2        | Beam Angle    | 270°  |
| Watts         | 9W            | CRI           | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating     | IP20  |
| Flux          | 720lm         | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5626 | White Light   | 6000K | 3800156656260 |
| SKU: 5627 | Neutral White | 4000K | 3800156656277 |



|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | TU18-A2       | Beam Angle    | 270°  |
| Watts         | 18W           | CRI           | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating     | IP20  |
| Flux          | 1440lm        | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5629 | White Light   | 6000K | 3800156656291 |
| SKU: 5630 | Neutral White | 4000K | 3800156656307 |





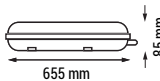
M12 cable gland



LED FIXTURES WITH T8 TUBES  
Single City Line - Glass **PF>0.9**  
One Side Power



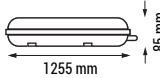
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|---------------|---------------|---------------|-------|
| Product code  | OT1-A9        | Beam Angle    | 180°  |
| Watts         | 9W            | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 800lm         | Instant Start | <0.5s |



SKU: 6731 White Light 6000K 3800156667310  
SKU: 6732 Neutral White 4500K 3800156667327



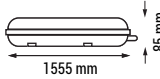
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|---------------|---------------|---------------|-------|
| Product code  | OT1-A9        | Beam Angle    | 180°  |
| Watts         | 18W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 1600lm        | Instant Start | <0.5s |



SKU: 6735 White Light 6000K 3800156667358  
SKU: 6736 Neutral White 4500K 3800156667365



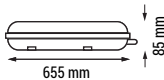
|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | OT1-A9        | Beam Angle    | 180°  |
| Watts         | 22W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 2000lm        | Instant Start | <0.5s |



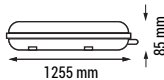
SKU: 6739 White Light 6000K 3800156667396  
SKU: 6740 Neutral White 4500K 3800156667402

Single T8 Tube Fixture - Without Tubes  
For One Side Power

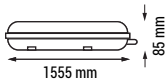
SKU: 6650 For Single LED Tube 9W-60cm



SKU: 6652 For Single LED Tube 18W-120cm



SKU: 6654 For Single LED Tube 22W-150cm



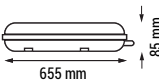
M12 cable gland



LED FIXTURES WITH T8 TUBES  
Double City Line - Glass **PF>0.9**  
One Side Power



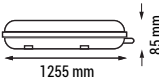
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|---------------|---------------|---------------|-------|
| Product code  | OT1-B1        | Beam Angle    | 180°  |
| Watts         | 2*9W          | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 1600lm        | Instant Start | <0.5s |



SKU: 6733 White Light 6000K 3800156667334  
SKU: 6734 Neutral White 4500K 3800156667341



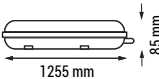
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| Product code  | OT1-B1        | Beam Angle    | 180°  |
| Watts         | 2*18W         | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 3200lm        | Instant Start | <0.5s |



SKU: 6737 White Light 6000K 3800156667372  
SKU: 6738 Neutral White 4500K 3800156667389



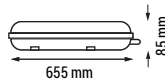
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|---------------|---------------|---------------|-------|
| Product code  | OT1-B1        | Beam Angle    | 180°  |
| Watts         | 2*22W         | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 4000lm        | Instant Start | <0.5s |



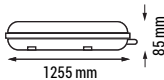
SKU: 6741 White Light 6000K 3800156667419  
SKU: 6742 Neutral White 4500K 3800156667426

Double T8 Tube Fixture - Without Tubes  
For One Side Power

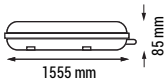
SKU: 6651 For Two LED Tube 9W-60cm



SKU: 6653 For Two LED Tube 18W-120cm



SKU: 6655 For Two LED Tube 22W-150cm



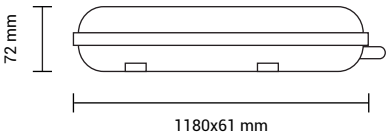


M12 cable gland



Stainless steel clips

40W LED  
IP65 Fixture Type  
Stainless steel clips



40W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | OT40-A1       | Beam Angle    | 180°  |
| Watts         | 40W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 4000lm        | Instant Start | <0.5s |

SKU: 6701 White Light 6000K 3800156667013  
SKU: 6702 Neutral White 4500K 3800156667020

40W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | OT40-A1       | Beam Angle    | 180°  |
| Watts         | 40W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 4000lm        | Instant Start | <0.5s |



SKU: 6705 White Light 6000K 3800156667051  
SKU: 6706 Neutral White 4500K 3800156667068

40W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | TU40-A1       | Beam Angle    | 180°  |
| Watts         | 40W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 4000lm        | Instant Start | <0.5s |



SKU: 6709 White Light 6000K 3800156667099  
SKU: 6710 Neutral White 4500K 3800156667105

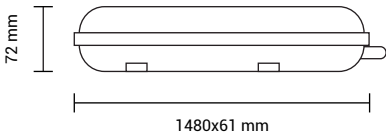


M12 cable gland



Stainless steel clips

55W LED  
IP65 Fixture Type  
Stainless steel clips



55W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | OT55-A1       | Beam Angle    | 180°  |
| Watts         | 55W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240v | IP Rating     | IP65  |
| Flux          | 5500lm        | Instant Start | <0.5s |

SKU: 6703 White Light 6000K 3800156667037  
SKU: 6704 Neutral White 4500K 3800156667044

55W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | OT55-A1       | Beam Angle    | 180°  |
| Watts         | 55W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 5500lm        | Instant Start | <0.5s |



SKU: 6707 White Light 6000K 3800156667075  
SKU: 6708 Neutral White 4500K 3800156667082

55W



Lumens

|               |              |               |       |
|---------------|--------------|---------------|-------|
| Product code  | OT55-A1      | Beam Angle    | 180°  |
| Watts         | 55W          | CRI           | Ra>80 |
| Input Voltage | AC :220-240V | IP Rating     | IP65  |
| Flux          | 5500lm       | Instant Start | <0.5s |



SKU: 6711 White Light 6000K 3800156667112  
SKU: 6712 Neutral White 4500K 3800156667129

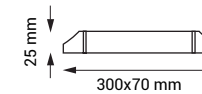




### LED Batten Light PF>0.9 Stainless steel clips



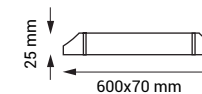
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| Product code  | OT10-A2       | Beam Angle    | 120°  |
| Watts         | 10W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP20  |
| Flux          | 800lm         | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 6671 | White Light   | 6000K | 3800156666719 |
| SKU: 6672 | Neutral White | 4000K | 3800156666726 |
| SKU: 6673 | Warm White    | 3000K | 3800156666733 |



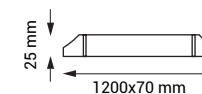
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| Product code  | OT20-A1       | Beam Angle    | 120°  |
| Watts         | 20W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP20  |
| Flux          | 1660lm        | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 6674 | White Light   | 6000K | 3800156666740 |
| SKU: 6675 | Neutral White | 4000K | 3800156666757 |
| SKU: 6676 | Warm White    | 3000K | 3800156666764 |



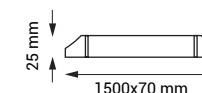
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| Product code  | OT40-A4       | Beam Angle    | 120°  |
| Watts         | 40W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP20  |
| Flux          | 3320lm        | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 6677 | White Light   | 6000K | 3800156666771 |
| SKU: 6678 | Neutral White | 4000K | 3800156666788 |
| SKU: 6679 | Warm White    | 3000K | 3800156666795 |



|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | OT50-A1       | Beam Angle    | 120°  |
| Watts         | 50W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP20  |
| Flux          | 4150lm        | Instant Start | <0.5s |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 6680 | White Light   | 6000K | 3800156666801 |
| SKU: 6681 | Neutral White | 4000K | 3800156666818 |

## LED BATTEN LIGHTS

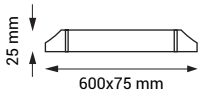


LED Batten Lights PF>0.9  
Waterproof IP65



**20W**  
  
**1600**  
Lumens

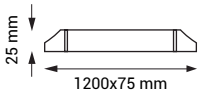
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| Product code  | OT20-A2       | Beam Angle    | 120°  |
| Watts         | 20W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 1600lm        | Instant Start | <0.5s |



SKU: 6691 White Light 6000K 3800156666917  
SKU: 6692 Neutral White 4000K 3800156666924

**40W**  
  
**3200**  
Lumens

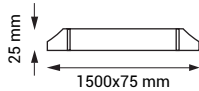
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|---------------|---------------|---------------|-------|
| Product code  | OT40-A5       | Beam Angle    | 120°  |
| Watts         | 40W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 3200lm        | Instant Start | <0.5s |



SKU: 6694 White Light 6000K 3800156666948  
SKU: 6695 Neutral White 4000K 3800156666955

**50W**  
  
**4150**  
Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | OT50-A2       | Beam Angle    | 120°  |
| Watts         | 50W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 4150lm        | Instant Start | <0.5s |



SKU: 6697 White Light 6000K 3800156666979  
SKU: 6698 Neutral White 4000K 3800156666986



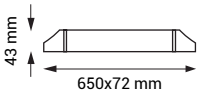
M12 cable gland

LED Light Fitting PF>0.9  
Stainless steel clips  
With fast M12 cable gland



**18W**  
  
**1500**  
Lumens

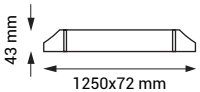
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|---------------|---------------|---------------|-------|
| Product code  | OT18-A1       | Beam Angle    | 180°  |
| Watts         | 18W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 1500lm        | Instant Start | <0.5s |



SKU: 6721 White Light 6000K 3800156667211  
SKU: 6722 Neutral White 4000K 3800156667228

**36W**  
  
**3000**  
Lumens

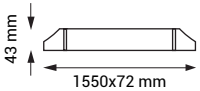
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| Product code  | OT36-A1       | Beam Angle    | 180°  |
| Watts         | 36W           | CRI           | Ra>80 |
| Input Voltage | AC : 175-250V | IP Rating     | IP65  |
| Flux          | 3000lm        | Instant Start | <0.5s |



SKU: 6723 White Light 6000K 3800156667235  
SKU: 6724 Neutral White 4000K 3800156667242

**45W**  
  
**3800**  
Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | OT45-A1       | Beam Angle    | 180°  |
| Watts         | 45W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 3800lm        | Instant Start | <0.5s |



SKU: 6725 White Light 6000K 3800156667259  
SKU: 6726 Neutral White 4000K 3800156667266





Industry-wide requirement throughout the entire world now, a prerequisite for all residential and business sites, OPTONICA LED covers all major subcategories.

Features:

- Upto 80% power saving
- Self-test mode with battery state indicator
- Various directions pictograms included
- 3 hours emergency operation
- Very highly reliable with instant automatic on.

Application:

- Suitable for residential, industrial and commercial projects

## LED EMERGENCY LIGHTS



## EMERGENCY LED EXIT SIGN

An emergency light is a battery-backed lighting device that switches on automatically when a building experiences a power outage.

All bulkhead and exit signs include 4 pictograms:



Battery

### ● Left Arrow



### ● Right Arrow



### ● UP Arrow



### ● EXIT



## EMERGENCY LED EXIT SIGN

### Wall / Surface Mount



Battery

|                    |                           |
|--------------------|---------------------------|
| Product code       | WW1-A1                    |
| Watts              | 2W                        |
| Input Voltage      | AC : 220-240V             |
| IP Rating          | IP20                      |
| Battery            | 3.6V 900mAh Ni-Cd battery |
| Emergency Duration | > 3 Hours                 |

SKU: 7203 White Light 6000K 3800156672031



## EMERGENCY LED EXIT SIGN

### Wall / Surface Mount



Battery

|                    |                           |
|--------------------|---------------------------|
| Product code       | WW1-A1                    |
| Watts              | 2W                        |
| Input Voltage      | AC : 220-240V             |
| IP Rating          | IP20                      |
| Battery            | 3.6V 900mAh Ni-Cd battery |
| Emergency Duration | > 3 Hours                 |

SKU: 7204 White Light 6000K 3800156672048



## EMERGENCY LED EXIT SIGN

### Recessed Fixed



Battery

|                    |                           |
|--------------------|---------------------------|
| Product code       | WW1-A1                    |
| Watts              | 2W                        |
| Input Voltage      | AC : 220-240V             |
| IP Rating          | IP20                      |
| Battery            | 3.6V 900mAh Ni-Cd battery |
| Emergency Duration | > 3 Hours                 |

SKU: 7206 White Light 6000K 3800156672062



## EMERGENCY LED EXIT SIGN

### Recessed Hanging



Battery

|                    |                           |
|--------------------|---------------------------|
| Product code       | WW1-A1                    |
| Watts              | 2W                        |
| Input Voltage      | AC : 220-240V             |
| IP Rating          | IP20                      |
| Battery            | 3.6V 900mAh Ni-Cd battery |
| Emergency Duration | > 3 Hours                 |

SKU: 7205 White Light 6000K 3800156672055





EMERGENCY LED EXIT SIGN

Bulkhead

|                    |                            |
|--------------------|----------------------------|
| Product code       | WW1-A1                     |
| Watts              | 3W                         |
| Input Voltage      | AC : 220-240V              |
| IP Rating          | IP20                       |
| Battery            | 3.6V 1500mAh Ni-Cd battery |
| Emergency Duration | > 3 Hours                  |



Battery

SKU: 7201 White Light 6000K 3800156672017

SKU: 7202 Recessed kit for SKU: 7201 3800156672024



EMERGENCY LED EXIT SIGN

Wall Mounted

|                    |                            |
|--------------------|----------------------------|
| Product code       | WW1-A1                     |
| Watts              | 3W                         |
| Input Voltage      | AC : 220-240V              |
| IP Rating          | IP20                       |
| Battery            | 3.6V 1200mAh Ni-Cd battery |
| Emergency Duration | > 3 Hours                  |



Battery

SKU: 7207 White Light 6000K 3800156672079



EMERGENCY LED TWINSPOTS 3W

Wall Mount - Self Test

|                    |               |
|--------------------|---------------|
| Product code       | WW1-A2        |
| Watts              | 2x3 pcs 0.5W  |
| Input Voltage      | AC : 220-240V |
| IP Rating          | IP20          |
| Battery            | 3.6V 1800mAh  |
| Emergency Duration | > 3 Hours     |



280 Lumens



Battery

SKU: 7208 White Light 6000K 3800156672086



EMERGENCY LED TWINSPOTS 6W

Wall Mount - Self Test

|                    |               |
|--------------------|---------------|
| Product code       | WW1-A2        |
| Watts              | 2x6 pcs 0.5W  |
| Input Voltage      | AC : 220-240V |
| IP Rating          | IP20          |
| Battery            | 3.6V 3000mAh  |
| Emergency Duration | > 3 Hours     |



450 Lumens



Battery

SKU: 7209 White Light 6000K 3800156672093



EMERGENCY LED LIGHT

Downlight

|                    |               |
|--------------------|---------------|
| Product code       | WW1-A3        |
| Watts              | 3W            |
| Input Voltage      | AC : 220-240V |
| IP Rating          | IP20          |
| Battery            | 3.6V 1800mAh  |
| Emergency Duration | > 3 Hours     |



250 Lumens



Battery

SKU: 7210 White Light 6000K 3800156672109

OSRAM  
Chips



EMERGENCY LED LIGHT

Downlight - Osram chip

|                    |               |
|--------------------|---------------|
| Product code       | WW1-A3        |
| Watts              | 3W            |
| Input Voltage      | AC : 220-240V |
| IP Rating          | IP20          |
| Battery            | 3.6V 1800mAh  |
| Emergency Duration | > 3 Hours     |



460 Lumens



Battery

SKU: 7211 White Light 6000K 3800156672116



Allowing full flexibility of installation on every hard surface so there are no more design restraints.

Features:

- Up to 80% power saving
- Variety of colour temperatures
- Glossy or matt finishing
- Standard sizes
- Variety of powers

Application:

- Extremely wide indoor application use – home, office, retail, hospitals, restaurants, indoor parking lots, manufacturing spaces

## LED SURFACE PANELS



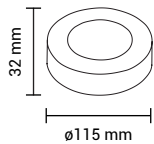


Color Changing knob

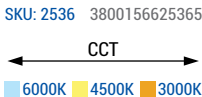
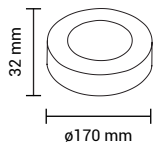
CCT - SURFACE LED PANELS  
ROUND Build-in Driver



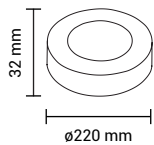
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|---------------|---------------|------------|------------|
| Product code  | DL6-A3        | Beam Angle | 120°       |
| Watts         | 6W            | CRI        | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating  | IP44 Front |
| Flux          | 450lm         | Dimension  | ø115x32mm  |



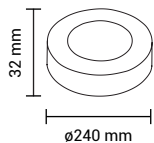
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| Product code  | DL12-A3       | Beam Angle | 120°       |
| Watts         | 12W           | CRI        | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating  | IP44 Front |
| Flux          | 950lm         | Dimension  | ø170x32mm  |



|               |               |            |            |
|---------------|---------------|------------|------------|
| Product code  | DL18-A3       | Beam Angle | 120°       |
| Watts         | 18W           | CRI        | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating  | IP44 Front |
| Flux          | 1450lm        | Dimension  | ø220x32mm  |



|               |               |            |            |
|---------------|---------------|------------|------------|
| Product code  | DL24-A3       | Beam Angle | 120°       |
| Watts         | 24W           | CRI        | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating  | IP44 Front |
| Flux          | 2150lm        | Dimension  | ø240x32mm  |

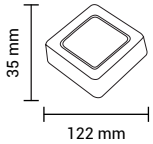


Color Changing Knob

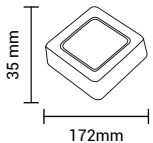
CCT - SURFACE LED PANELS  
SQUARE Build-in Driver



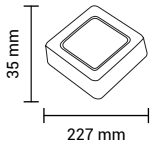
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|---------------|---------------|------------|--------------|
| Product code  | DL6-A3        | Beam Angle | 100°         |
| Watts         | 6W            | CRI        | Ra>80        |
| Input Voltage | AC : 165-265V | IP Rating  | IP44 Front   |
| Flux          | 450lm         | Dimension  | 122x122x35mm |



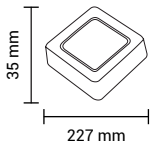
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| Product code  | DL12-A3       | Beam Angle | 100°         |
| Watts         | 12W           | CRI        | Ra>80        |
| Input Voltage | AC : 165-265V | IP Rating  | IP44 Front   |
| Flux          | 950lm         | Dimension  | 172x172x35mm |



|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | DL18-A3       | Beam Angle | 100°         |
| Watts         | 18W           | CRI        | Ra>80        |
| Input Voltage | AC : 165-265V | IP Rating  | IP44 Front   |
| Flux          | 1450lm        | Dimension  | 227x227x35mm |



|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | DL24-A3       | Beam Angle | 100°         |
| Watts         | 24W           | CRI        | Ra>80        |
| Input Voltage | AC : 165-265V | IP Rating  | IP44 Front   |
| Flux          | 2150lm        | Dimension  | 227x227x35mm |

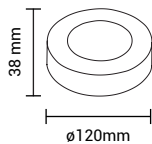




LED SURFACE PANELS  
ROUND



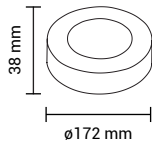
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| Product code  | DL6-A1        | Beam Angle | 150°      |
| Watts         | 6W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 480lm         | Dimension  | ø120x38mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2231 | White Light   | 6000K | 3800156622319 |
| SKU: 2243 | Neutral White | 4500K | 3800156622432 |
| SKU: 2232 | Warm White    | 2700K | 3800156622326 |



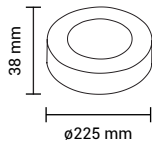
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|---------------|---------------|------------|-----------|
| Product code  | DL12-A1       | Beam Angle | 150°      |
| Watts         | 12W           | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 960lm         | Dimension  | ø172x38mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2244 | White Light   | 6000K | 3800156622449 |
| SKU: 2245 | Neutral White | 4500K | 3800156622456 |
| SKU: 2246 | Warm White    | 2700K | 3800156622463 |



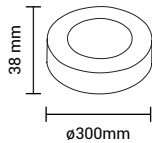
|               |               |            |           |
|---------------|---------------|------------|-----------|
| Product code  | DL18-A1       | Beam Angle | 150°      |
| Watts         | 18W           | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 1440lm        | Dimension  | ø225x38mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2235 | White Light   | 6000K | 3800156622357 |
| SKU: 2247 | Neutral White | 4500K | 3800156622470 |
| SKU: 2236 | Warm White    | 2700K | 3800156622364 |



|               |               |            |           |
|---------------|---------------|------------|-----------|
| Product code  | DL24-A1       | Beam Angle | 150°      |
| Watts         | 24W           | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP20      |
| Flux          | 1920lm        | Dimension  | ø300x38mm |



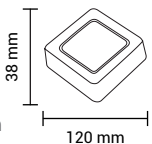
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|-----------|---------------|-------|---------------|
| SKU: 2248 | White Light   | 6000K | 3800156622487 |
| SKU: 2249 | Neutral White | 4500K | 3800156622494 |
| SKU: 2250 | Warm White    | 2700K | 3800156622500 |



LED SURFACE PANELS  
SQUARE



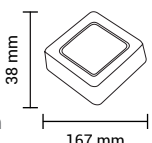
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|---------------|---------------|------------|--------------|
| Product code  | DL6-A1        | Beam Angle | 150°         |
| Watts         | 6W            | CRI        | Ra>80        |
| Input Voltage | AC : 220-240V | IP Rating  | IP20         |
| Flux          | 480lm         | Dimension  | 120x120x38mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2237 | White Light   | 6000K | 3800156622371 |
| SKU: 2251 | Neutral White | 4500K | 3800156622517 |
| SKU: 2238 | Warm White    | 2700K | 3800156622388 |



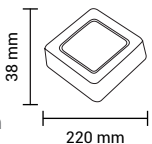
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|---------------|---------------|------------|--------------|
| Product code  | DL12-A1       | Beam Angle | 150°         |
| Watts         | 12W           | CRI        | Ra>80        |
| Input Voltage | AC : 220-240V | IP Rating  | IP20         |
| Flux          | 960lm         | Dimension  | 167x167x38mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2252 | White Light   | 6000K | 3800156622524 |
| SKU: 2253 | Neutral White | 4500K | 3800156622531 |
| SKU: 2254 | Warm White    | 2700K | 3800156622548 |



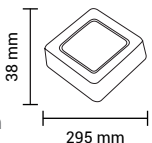
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|---------------|---------------|------------|--------------|
| Product code  | DL18-A1       | Beam Angle | 150°         |
| Watts         | 18W           | CRI        | Ra>80        |
| Input Voltage | AC : 220-240V | IP Rating  | IP20         |
| Flux          | 1440lm        | Dimension  | 220x220x32mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2241 | White Light   | 6000K | 3800156622418 |
| SKU: 2255 | Neutral White | 4500K | 3800156622555 |
| SKU: 2242 | Warm White    | 2700K | 3800156622425 |



|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | DL24-A1       | Beam Angle | 150°         |
| Watts         | 24W           | CRI        | Ra>80        |
| Input Voltage | AC : 220-240V | IP Rating  | IP20         |
| Flux          | 1920lm        | Dimension  | 295x295x32mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2256 | White Light   | 6000K | 3800156622562 |
| SKU: 2257 | Neutral White | 4500K | 3800156622579 |
| SKU: 2258 | Warm White    | 2700K | 3800156622586 |



LED ceiling lights are increasingly popular and are available in all shapes and sizes, with high-quality fittings available for any type of room. Whether you have a stately home or a terraced house, you can use these lamps to good effect.

Features:

- Up to 80% power saving
- Variety of colour temperatures
- Glossy or matt finishing
- Standard sizes
- Variety of powers

Application:

- Suspended ceilings
- Indoor use – home or office
- Large spaces

## LED CEILING LIGHT

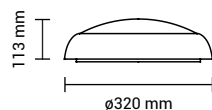
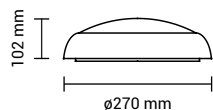


NEW



## LED SURFACE CEILING

## Bulkhead-Thermoplastic



8W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | DL8-A3        | Beam Angle    | 120°  |
| Watts         | 8W            | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 640lm         | Instant Start | <0.5s |

SKU: 2807 Neutral White 4500K 3800156628076

SKU: 2808 Warm White 2700K 3800156628083

13W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | DL13-A1       | Beam Angle    | 120°  |
| Watts         | 13W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 1050lm        | Instant Start | <0.5s |

SKU: 2813 Neutral White 4500K 3800156628137

SKU: 2814 Warm White 2700K 3800156628144

8W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | DL8-A4        | Beam Angle    | 120°  |
| Watts         | 8W            | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 640lm         | Instant Start | <0.5s |



MW Sensor

SKU: 2809 Neutral White 4500K 3800156628090

SKU: 2810 Warm White 2700K 3800156628106

13W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | DL13-A3       | Beam Angle    | 120°  |
| Watts         | 13W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 1050lm        | Instant Start | <0.5s |



MW Sensor

SKU: 2815 Neutral White 4500K 3800156628151

SKU: 2816 Warm White 2700K 3800156628168

8W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | DL8-A5        | Beam Angle    | 120°  |
| Watts         | 8W            | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 640lm         | Instant Start | <0.5s |



Emergency

SKU: 2811 Neutral White 4500K 3800156628113

SKU: 2812 Warm White 2700K 3800156628120

13W



Lumens

|               |               |               |       |
|---------------|---------------|---------------|-------|
| Product code  | DL13-A4       | Beam Angle    | 120°  |
| Watts         | 13W           | CRI           | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating     | IP65  |
| Flux          | 1050lm        | Instant Start | <0.5s |



Emergency

SKU: 2817 Neutral White 4500K 3800156628175

SKU: 2818 Warm White 2700K 3800156628182

NEW



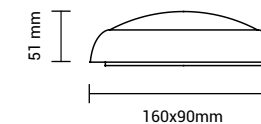
Lumens



120°



IP54



## LED SURFACE CEILING 8W

## Bulkhead-Thermoplastic

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2801 | White Light   | 6000K | 3800156628014 |
| SKU: 2802 | Neutral White | 4500K | 3800156628021 |
| SKU: 2803 | Warm White    | 2700K | 3800156628038 |

|               |               |
|---------------|---------------|
| Product code  | DL8-A2        |
| Watts         | 8W            |
| Input Voltage | AC : 220-240V |
| Flux          | 600lm         |
| Beam Angle    | 120°          |
| Shape         | Bulkhead      |

|            |              |
|------------|--------------|
| CRI        | Ra>80        |
| IP Rating  | IP54         |
| Dimension  | 160x90x51 mm |
| Body Color | White        |
| Dimmable   | NO           |

NEW



Sensor



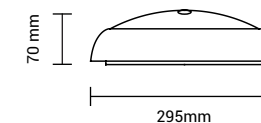
Lumens



120°



IP20



## LED SURFACE CEILING 18W

## Thermoplastic - PIR

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2804 | White Light   | 6000K | 3800156628045 |
| SKU: 2805 | Neutral White | 4500K | 3800156628052 |
| SKU: 2806 | Warm White    | 2700K | 3800156628069 |

|               |               |
|---------------|---------------|
| Product code  | DL18-A9       |
| Watts         | 18W           |
| Input Voltage | AC : 220-240V |
| Flux          | 1260lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

|            |            |
|------------|------------|
| CRI        | Ra>80      |
| IP Rating  | IP20       |
| Dimension  | ø295x70 mm |
| Body Color | White      |
| Dimmable   | NO         |



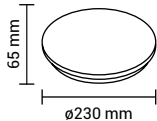
LED CEILING LIGHTS

CITY LINE - Matt White



**12W**  
  
**880**  
Lumens

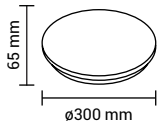
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL12-B1       | Beam Angle | 120°  |
| Watts         | 12W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 880lm         | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2840 | White Light   | 6000K | 3800156628403 |
| SKU: 2841 | Neutral White | 4500K | 3800156628410 |
| SKU: 2842 | Warm White    | 3000K | 3800156628427 |

**18W**  
  
**1550**  
Lumens

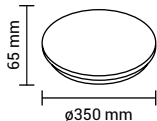
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL18-B1       | Beam Angle | 120°  |
| Watts         | 18W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 1550lm        | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2843 | White Light   | 6000K | 3800156628434 |
| SKU: 2844 | Neutral White | 4500K | 3800156628441 |
| SKU: 2845 | Warm White    | 3000K | 3800156628458 |

**24W**  
  
**1900**  
Lumens

|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL24-B1       | Beam Angle | 120°  |
| Watts         | 24W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 1900lm        | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2846 | White Light   | 6000K | 3800156628465 |
| SKU: 2847 | Neutral White | 4500K | 3800156628472 |
| SKU: 2848 | Warm White    | 3000K | 3800156628489 |



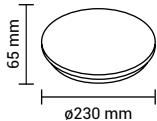
LED CEILING LIGHTS

CITY LINE - Dotty Sparkle



**12W**  
  
**880**  
Lumens

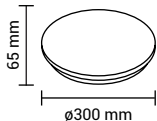
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|---------------|---------------|------------|-------|
| Product code  | DL12-B1       | Beam Angle | 120°  |
| Watts         | 12W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 880lm         | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2849 | White Light   | 6000K | 3800156628496 |
| SKU: 2850 | Neutral White | 4500K | 3800156628502 |
| SKU: 2851 | Warm White    | 3000K | 3800156628519 |

**18W**  
  
**1550**  
Lumens

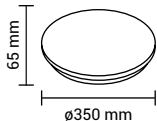
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|---------------|---------------|------------|-------|
| Product code  | DL18-B1       | Beam Angle | 120°  |
| Watts         | 18W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 1550lm        | Body Color | White |



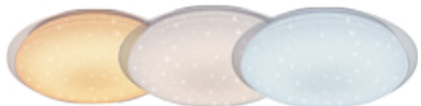
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2852 | White Light   | 6000K | 3800156628526 |
| SKU: 2853 | Neutral White | 4500K | 3800156628533 |
| SKU: 2854 | Warm White    | 3000K | 3800156628540 |

**24W**  
  
**1900**  
Lumens

|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL24-B1       | Beam Angle | 120°  |
| Watts         | 24W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 1900lm        | Body Color | White |



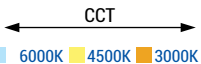
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2855 | White Light   | 6000K | 3800156628557 |
| SKU: 2856 | Neutral White | 4500K | 3800156628564 |
| SKU: 2857 | Warm White    | 3000K | 3800156628571 |



Color changing LED 3000 to 6000K

Remote Control included

LED Ceiling Light 36W PF>0.9  
Matt White



SKU: 2858 3800156628588

|               |               |
|---------------|---------------|
| Product code  | DL36-A4       |
| Watts         | 36W           |
| Input Voltage | AC : 185-265V |
| Flux          | 2500lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

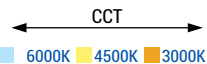
|            |            |
|------------|------------|
| Remote     | No         |
| CRI        | Ra>80      |
| IP Rating  | IP20       |
| Dimension  | ø460x70 mm |
| Body Color | Matt White |
| Dimmable   | Yes        |



Color changing LED 3000 to 6000K

Remote Control included

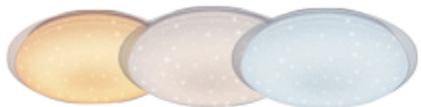
LED Ceiling Light 36W PF>0.9  
Matt White+Dotty Sparkle



SKU: 2860 3800156628601

|               |               |
|---------------|---------------|
| Product code  | DL36-A5       |
| Watts         | 36W           |
| Input Voltage | AC : 185-265V |
| Flux          | 2500lm        |
| Beam Angle    | 120°          |
| Shape         | Square        |

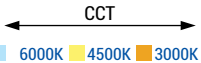
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|------------|---------------|
| Remote     | Yes           |
| CRI        | Ra>80         |
| IP Rating  | IP20          |
| Dimension  | 430x430x70 mm |
| Body Color | Matt White    |
| Dimmable   | Yes           |



Color changing LED 3000 to 6000K

Remote Control included

LED Ceiling Light 60W PF>0.9  
Matt White



SKU: 2859 3800156628595

|               |               |
|---------------|---------------|
| Product code  | DL60-A4       |
| Watts         | 60W           |
| Input Voltage | AC : 185-265V |
| Flux          | 3600lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

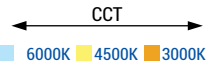
|            |            |
|------------|------------|
| Remote     | No         |
| CRI        | Ra>80      |
| IP Rating  | IP20       |
| Dimension  | ø560x70 mm |
| Body Color | Matt White |
| Dimmable   | Yes        |



Color changing LED 3000 to 6000K

Remote Control included

LED Ceiling Light 60W PF>0.9  
Matt White+Dotty Sparkle



SKU: 2861 3800156628618

|               |               |
|---------------|---------------|
| Product code  | DL60-A5       |
| Watts         | 60W           |
| Input Voltage | AC : 185-265V |
| Flux          | 3600lm        |
| Beam Angle    | 120°          |
| Shape         | Square        |

|            |               |
|------------|---------------|
| Remote     | Yes           |
| CRI        | Ra>80         |
| IP Rating  | IP20          |
| Dimension  | 530x530x70 mm |
| Body Color | Matt White    |
| Dimmable   | Yes           |





Warranty



Chips



Dimmable



IP20



Color changing LED 3000 to 6000K

Remote Control  
included

### LED Ceiling Light 40W PF>0.95 Matt White+Dotty Sparkle



Lumens

CCT

SKU: 2279 3800156622791

6000K 4500K 3000K

|               |               |
|---------------|---------------|
| Product code  | DL40-A1       |
| Watts         | 40W           |
| Input Voltage | AC : 175-240V |
| Flux          | 2800lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

|            |            |
|------------|------------|
| Remote     | Yes        |
| CRI        | Ra>80      |
| IP Rating  | IP20       |
| Dimension  | ø460x80 mm |
| Body Color | Matt White |
| Dimmable   | Yes        |



Warranty



Chips



Dimmable



IP20



Color changing LED 3000 to 6000K

Remote Control  
included

### LED Ceiling Light 40W PF>0.95 Matt White+Matt Glass



Lumens

CCT

SKU: 2289 3800156622890

6000K 4500K 3000K

|               |               |
|---------------|---------------|
| Product code  | DL40-A1       |
| Watts         | 40W           |
| Input Voltage | AC : 175-240V |
| Flux          | 2800lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

|            |            |
|------------|------------|
| Remote     | Yes        |
| CRI        | Ra>80      |
| IP Rating  | IP20       |
| Dimension  | ø460x80 mm |
| Body Color | Matt White |
| Dimmable   | Yes        |



Warranty



Chips



Dimmable



IP20



Color changing LED 3000 to 6000K

Remote Control  
included

### LED Ceiling Light 40W PF>0.95 Matt White+Dotty Sparkle



Lumens

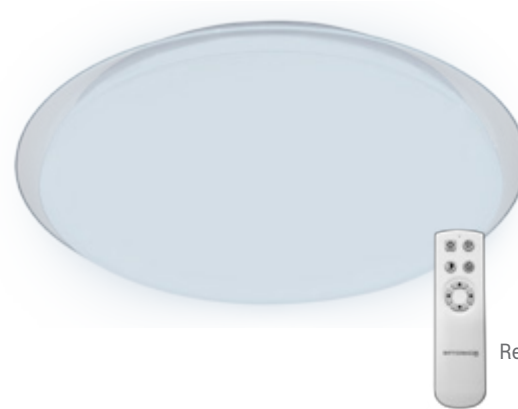
CCT

SKU: 2290 3800156622906

6000K 4500K 3000K

|               |               |
|---------------|---------------|
| Product code  | DL40-A1       |
| Watts         | 40W           |
| Input Voltage | AC : 175-240V |
| Flux          | 2800lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

|            |            |
|------------|------------|
| Remote     | Yes        |
| CRI        | Ra>80      |
| IP Rating  | IP20       |
| Dimension  | ø460x80 mm |
| Body Color | Matt White |
| Dimmable   | Yes        |



Warranty



Chips



Dimmable



IP20



Color changing LED 3000 to 6000K

Remote Control  
included

### LED Ceiling Light 40W PF>0.95 Matt White+Matt Glass



Lumens

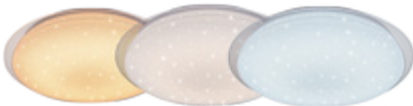
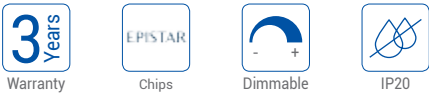
CCT

SKU: 2291 3800156622913

6000K 4500K 3000K

|               |               |
|---------------|---------------|
| Product code  | DL40-A1       |
| Watts         | 40W           |
| Input Voltage | AC : 175-240V |
| Flux          | 2800lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

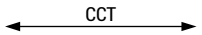
|            |            |
|------------|------------|
| Remote     | Yes        |
| CRI        | Ra>80      |
| IP Rating  | IP20       |
| Dimension  | ø460x80 mm |
| Body Color | Matt White |
| Dimmable   | Yes        |



Color changing LED 3000 to 6000K

Remote Control included

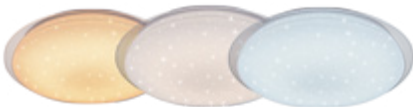
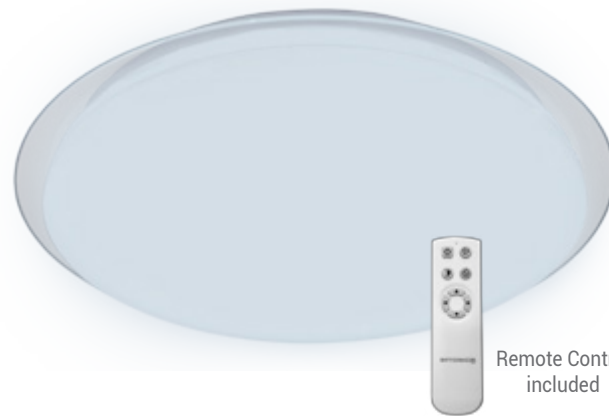
LED Ceiling Light 60W PF>0.95  
Matt White+Dotty Sparkle



SKU: 2292 3800156622920

6000K 4500K 3000K

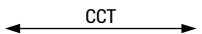
|               |               |            |            |
|---------------|---------------|------------|------------|
| Product code  | DL60-A1       | Remote     | Yes        |
| Watts         | 60W           | CRI        | Ra>80      |
| Input Voltage | AC : 175-240V | IP Rating  | IP20       |
| Flux          | 3900lm        | Dimension  | ø570x85 mm |
| Beam Angle    | 120°          | Body Color | Matt White |
| Shape         | Round         | Dimmable   | Yes        |



Color changing LED 3000 to 6000K

Remote Control included

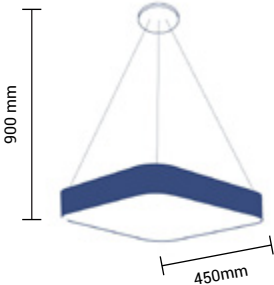
LED Ceiling Light 60W PF>0.95  
Matt White+Matt Glass



SKU: 2293 3800156622937

6000K 4500K 3000K

|               |               |            |            |
|---------------|---------------|------------|------------|
| Product code  | DL60-A1       | Remote     | Yes        |
| Watts         | 60W           | CRI        | Ra>80      |
| Input Voltage | AC : 175-240V | IP Rating  | IP20       |
| Flux          | 3900lm        | Dimension  | ø570x85 mm |
| Beam Angle    | 120°          | Body Color | Matt White |
| Shape         | Round         | Dimmable   | Yes        |

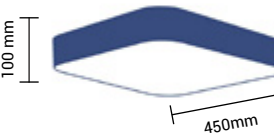


LED Suspended Light 38W PF>0.95  
Sandy Black - Square



SKU: 9035 Warm White 3000K 3800156690356

|               |               |            |                |
|---------------|---------------|------------|----------------|
| Product code  | DL38-A1       | CRI        | Ra>80          |
| Watts         | 38W           | IP Rating  | IP20           |
| Input Voltage | AC : 175-240V | Dimension  | 450x450x900 mm |
| Flux          | 1900lm        | Body Color | BLACK          |
| Beam Angle    | 120°          | Dimmable   | NO             |
| Shape         | Square        |            |                |



LED Ceiling Light 38W PF>0.95  
Sandy White - Square



SKU: 2297 Warm White 3000K 3800156622975

|               |               |            |                |
|---------------|---------------|------------|----------------|
| Product code  | DL38-A1       | CRI        | Ra>80          |
| Watts         | 38W           | IP Rating  | IP20           |
| Input Voltage | AC : 175-240V | Dimension  | 450x450x100 mm |
| Flux          | 1900lm        | Body Color | Sandy White    |
| Beam Angle    | 120°          | Dimmable   | NO             |
| Shape         | Square        |            |                |



Warranty



NON-Dimmable



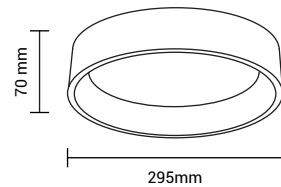
Chips



120°



IP20



**LED Ceiling Light 42W PF>0.95**  
**Sandy White - Round**



Lumens

|               |               |
|---------------|---------------|
| Product code  | DL42-A1       |
| Watts         | 42W           |
| Input Voltage | AC : 175-240V |
| Flux          | 2100lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

|            |             |
|------------|-------------|
| CRI        | Ra>80       |
| IP Rating  | IP20        |
| Dimension  | ø600x130 mm |
| Body Color | Sandy White |
| Dimmable   | NO          |

SKU: 2294 Warm White 3000K 3800156622944



Warranty



NON-Dimmable



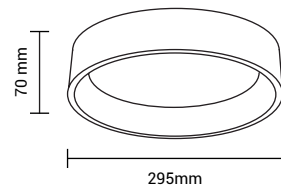
Chips



120°



IP20



**LED Ceiling Light 60W PF>0.95**  
**Sandy White - Round**



Lumens

|               |               |
|---------------|---------------|
| Product code  | DL60-A1       |
| Watts         | 60W           |
| Input Voltage | AC : 175-240V |
| Flux          | 4000lm        |
| Beam Angle    | 120°          |
| Shape         | Square        |

|            |             |
|------------|-------------|
| CRI        | Ra>80       |
| IP Rating  | IP20        |
| Dimension  | ø800x130 mm |
| Body Color | Sandy White |
| Dimmable   | NO          |

SKU: 2295 Warm White 3000K 3800156622951



Warranty



NON-Dimmable



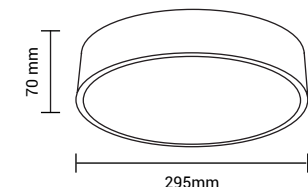
Chips



120°



IP20



**LED Ceiling Light 26W PF>0.95**  
**Sandy White - Round**



Lumens

|               |               |
|---------------|---------------|
| Product code  | DL26-A1       |
| Watts         | 26W           |
| Input Voltage | AC : 175-240V |
| Flux          | 1640lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

|            |             |
|------------|-------------|
| CRI        | Ra>80       |
| IP Rating  | IP20        |
| Dimension  | ø400x110 mm |
| Body Color | Sandy White |
| Dimmable   | NO          |

SKU: 2298 Warm White 3000K 3800156622975



Warranty



NON-Dimmable



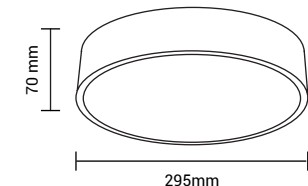
Chips



120°



IP20



**LED Ceiling Light 145W PF>0.95**  
**Sandy White - Round**



Lumens

|               |               |
|---------------|---------------|
| Product code  | DL145-A1      |
| Watts         | 145W          |
| Input Voltage | AC : 175-240V |
| Flux          | 9425lm        |
| Beam Angle    | 120°          |
| Shape         | Round         |

|            |              |
|------------|--------------|
| CRI        | Ra>80        |
| IP Rating  | IP20         |
| Dimension  | ø1000x100 mm |
| Body Color | Sandy White  |
| Dimmable   | NO           |

SKU: 2299 Warm White 3000K 3800156622975



LED Suspended Lighting  
Round Sandy White

3  
Years

Warranty

NON-Dimmable

Chips

120°

IP20



LED Suspended Lighting  
38W PF>0.95



SKU: 9036 Warm White 3000K 3800156690363

|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | PD38-A2       |            |              |
| Watts         | 38W           | CRI        | Ra>80        |
| Input Voltage | AC : 175-240V | IP Rating  | IP20         |
| Flux          | 1900lm        | Dimension  | ø450x1200 mm |
| Beam Angle    | 120°          | Body Color | Sandy White  |
| Shape         | Round         | Dimmable   | NO           |

LED Suspended Lighting  
50W PF>0.95



SKU: 9037 Warm White 3000K 3800156690370

|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | PD50-A1       |            |              |
| Watts         | 50W           | CRI        | Ra>80        |
| Input Voltage | AC : 175-240V | IP Rating  | IP20         |
| Flux          | 3250lm        | Dimension  | ø600x1200 mm |
| Beam Angle    | 120°          | Body Color | Sandy White  |
| Shape         | Round         | Dimmable   | NO           |

LED Suspended Lighting  
Square Sandy White

3  
Years

Warranty

NON-Dimmable

Chips

120°

IP20



LED Suspended Lighting  
38W PF>0.95



SKU: 9038 Warm White 3000K 3800156690387

|               |               |            |                 |
|---------------|---------------|------------|-----------------|
| Product code  | PD38-A2       |            |                 |
| Watts         | 38W           | CRI        | Ra>80           |
| Input Voltage | AC : 175-240V | IP Rating  | IP20            |
| Flux          | 1900lm        | Dimension  | 450x450x1200 mm |
| Beam Angle    | 120°          | Body Color | Sandy White     |
| Shape         | Square        | Dimmable   | NO              |

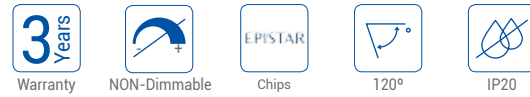
LED Suspended Lighting  
50W PF>0.95



SKU: 9039 Warm White 3000K 3800156690394

|               |               |            |                 |
|---------------|---------------|------------|-----------------|
| Product code  | PD50-A1       |            |                 |
| Watts         | 50W           | CRI        | Ra>80           |
| Input Voltage | AC : 175-240V | IP Rating  | IP20            |
| Flux          | 3250lm        | Dimension  | 600x600x1200 mm |
| Beam Angle    | 120°          | Body Color | Sandy White     |
| Shape         | Square        | Dimmable   | NO              |

LED Suspended Lighting  
**Round Sandy White**

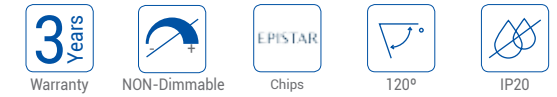


LED Suspended Lighting  
42W PF>0.95

SKU: 9031 Warm White  3000K 3800156690318

|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | PD30-A1       |            |              |
| Watts         | 42W           | CRI        | Ra>80        |
| Input Voltage | AC : 175-240V | IP Rating  | IP20         |
| Flux          | 1640lm        | Dimension  | ø600x1200 mm |
| Beam Angle    | 120°          | Body Color | Sandy White  |
| Shape         | Round         | Dimmable   | NO           |

LED Suspended Lighting  
**Round Sandy White**



LED Suspended Lighting  
**26W PF>0.95**

SKU: 9033 Warm White  3000K 3800156690332

|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | PD30-A1       |            |              |
| Watts         | 26W           | CRI        | Ra>80        |
| Input Voltage | AC : 175-240V | IP Rating  | IP20         |
| Flux          | 1640lm        | Dimension  | ø400x1200 mm |
| Beam Angle    | 120°          | Body Color | Sandy White  |
| Shape         | Round         | Dimmable   | NO           |

LED Suspended Lighting  
60W PF>0.95

SKU: 9032 Warm White  3000K 3800156690325

|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | PD60-A1       |            |              |
| Watts         | 60W           | CRI        | Ra>80        |
| Input Voltage | AC : 175-240V | IP Rating  | IP20         |
| Flux          | 4000lm        | Dimension  | ø800x1200 mm |
| Beam Angle    | 120°          | Body Color | Sandy White  |
| Shape         | Round         | Dimmable   | NO           |

LED Suspended Lighting  
145W PF>0.95

SKU: 9034 Warm White  3000K 3800156690349

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | PD145-A1      |            |               |
| Watts         | 26W           | CRI        | Ra>80         |
| Input Voltage | AC : 175-240V | IP Rating  | IP20          |
| Flux          | 9425lm        | Dimension  | ø1000x1200 mm |
| Beam Angle    | 120°          | Body Color | Sandy White   |
| Shape         | Round         | Dimmable   | NO            |



### 3D Glass Pendant D300 Chrome Fireworks

SKU: 9000  
 Product code PD1-A1  
 E27 holder Max 40W  
 Material 3D Glass  
 IP Rating IP20  
 Dimension ø300x275mm  
 EAN: 3800156690004



E27 Holder



IP20



### 3D Glass Pendant D300 Copper Fireworks

SKU: 9001  
 Product code PD1-A1  
 E27 holder Max 40W  
 Material 3D Glass  
 IP Rating IP20  
 Dimension ø300x275mm  
 EAN: 3800156690011



E27 Holder



IP20



### 3D Glass Pendant D250 Copper Circles

SKU: 9002  
 Product Code PD1-A1  
 E27 holder Max 40W  
 Material 3D Glass  
 IP Rating IP20  
 Dimension ø250x220mm  
 EAN: 3800156690028



E27 Holder



IP20



### 3D Glass Pendant D250 Chrome Circles

SKU: 9003  
 Product Code PD1-A1  
 E27 holder Max 40W  
 Material 3D Glass  
 IP Rating IP20  
 Dimension ø250x220mm  
 EAN: 3800156690035



E27 Holder



IP20



### Vintage Rope Pendant Length 1.5m

SKU: 9027  
 Product Code PD1-A2  
 E27 holder Max 60W  
 IP Rating IP20  
 Dimension ø90x1500mm  
 EAN: 3800156650596



E27 Holder



IP20



### 3D Glass Pendant D200 Chrome Square

SKU: 9004  
 Product Code PD1-A1  
 E27 holder Max 40W  
 Material 3D Glass  
 IP Rating IP20  
 Dimension ø200x175mm  
 EAN: 3800156690042



E27 Holder



IP20



### 3D Glass Pendant D200 Copper Squares

SKU: 9005  
 Product Code PD1-A1  
 E27 holder Max 40W  
 Material 3D Glass  
 IP Rating IP20  
 Dimension ø200x175mm  
 EAN: 3800156690059



E27 Holder



IP20



### 3D Glass Pendant D180 Chrome Fireworks

SKU: 9006  
 Product Code PD1-A1  
 E27 holder Max 40W  
 Material 3D Glass  
 IP Rating IP20  
 Dimension ø180x160mm  
 EAN: 3800156690066



E27 Holder



IP20





### 3D Glass Pendant D220 Chrome Circles

SKU: 9008  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø220x275mm  
EAN: 3800156690080



E27 Holder



IP20



### 3D Glass Pendant D220 Copper Seagull

SKU: 9009  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø220x275mm  
EAN: 3800156690097



E27 Holder



IP20



### 3D Glass Pendant D220 Chrome Seagull

SKU: 9011  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø220x275mm  
EAN: 3800156690110



E27 Holder



IP20



### 3D Glass Pendant D220 Chrome Fireworks

SKU: 9012  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø220x275mm  
EAN: 3800156690127



E27 Holder



IP20



### 3D Glass Barel Pendant D200 Copper Fireworks

SKU: 9013  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø200x213mm  
EAN: 3800156690134



E27 Holder



IP20



### 3D Glass Barel Pendant D200 Chrome Rhombus

SKU: 9014  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø200x213mm  
EAN: 3800156690141



E27 Holder



IP20



### 3D Glass Barel Pendant D200 Chrome Squares

SKU: 9015  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø200x213mm  
EAN: 3800156690158



E27 Holder



IP20



### 3D Glass Barel Pendant D200 Chrome Fireworks

SKU: 9016  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø200x213mm  
EAN: 3800156690165



E27 Holder



IP20



### 3D Glass Umbrella Pendant D400 Copper Seagull

SKU: 9017  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø400x200mm  
EAN: 3800156690172



E27 Holder



IP20



### 3D Glass Umbrella Pendant D400 Chrome Circles

SKU: 9018  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø400x200mm  
EAN: 3800156690189



E27 Holder



IP20



### 3D Glass Pendant D200 Chrome Circles

SKU: 9019  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø200x165mm  
EAN: 3800156690196



E27 Holder



IP20



### 3D Glass Pendant D200 Chrome Seagull

SKU: 9020  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø200x165mm  
EAN: 3800156690202



E27 Holder



IP20



### 3D Glass Pendant D200 Copper Circles

SKU: 9021  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø200x165mm  
EAN: 3800156690219



E27 Holder



IP20





### 3D Glass Pendant D290 Copper Circles

SKU: 9022  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø290x250mm  
EAN: 3800156690226



### 3D Glass Pendant D290 Chrome Fireworks

SKU: 9023  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø290x250mm  
EAN: 3800156690233



### 3D Glass Pendant D400 Chrome Fireworks

SKU: 9025  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø400x345mm  
EAN: 3800156690257



### 3D Glass Pendant D290 Chrome Seagull

SKU: 9024  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø290x250mm  
EAN: 3800156690240



### 3D Glass Pendant D400 Copper Fireworks

SKU: 9026  
Product Code PD1-A1  
E27 holder Max 40W  
Material 3D Glass  
IP Rating IP20  
Dimension ø400x345mm  
EAN: 3800156690264







LED Flame Bulb  
5W SMD E27



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Product code  | OT5-A1        |           |            |
| Watts         | 5W            | CRI       | Ra>80      |
| Input Voltage | AC : 220-240V | IP Rating | IP20       |
| Flux          | 250lm         | Dimension | ø47x125 mm |
| Beam Angle    | 360°          | Socket    | E27        |

SKU: 222 Warm White 1300K 3800156602229



LED Flame Lamp  
5W SMD



|               |               |            |                         |
|---------------|---------------|------------|-------------------------|
| Product code  | PD5-A1        |            |                         |
| Watts         | 5W            | CRI        | Ra>80                   |
| Input Voltage | AC : 220-240V | IP Rating  | IP20                    |
| Flux          | 250lm         | Dimension  | ø180xH285 mm            |
| Beam Angle    | 360°          | E27 holder | LED Flame Bulb Included |

SKU: 9041 Warm White 1300K 3800156690417



LED Flame Lamp With Battery  
5W SMD



|               |               |            |                         |
|---------------|---------------|------------|-------------------------|
| Product code  | PD5-A1        |            |                         |
| Watts         | 5W            | CRI        | Ra>80                   |
| Input Voltage | AC : 220-240V | IP Rating  | IP20                    |
| Flux          | 250lm         | Dimension  | ø180xH285 mm            |
| Beam Angle    | 360°          | E27 holder | LED Flame Bulb Included |

SKU: 9042 Warm White 1300K 3800156690424



LED Flame Lamp Wall Mounted  
5W SMD



|               |               |            |                         |
|---------------|---------------|------------|-------------------------|
| Product code  | PD5-A1        |            |                         |
| Watts         | 5W            | CRI        | Ra>80                   |
| Input Voltage | AC : 100-240V | IP Rating  | IP20                    |
| Flux          | 250lm         | Dimension  | 220xH285 mm             |
| Beam Angle    | 360°          | E27 holder | LED Flame Bulb Included |

SKU: 9044 Warm White 1300K 3800156690448



LED Flame Lamp Wall Mounted  
5W SMD



|               |               |            |                         |
|---------------|---------------|------------|-------------------------|
| Product code  | PD5-A1        |            |                         |
| Watts         | 5W            | CRI        | Ra>80                   |
| Input Voltage | AC : 100-240V | IP Rating  | IP20                    |
| Flux          | 250lm         | Dimension  | 180xH260 mm             |
| Beam Angle    | 360°          | E27 holder | LED Flame Bulb Included |

SKU: 9045 Warm White 1300K 3800156690455



LED Flame Lamp Hanging  
5W SMD



|               |               |            |                         |
|---------------|---------------|------------|-------------------------|
| Product code  | PD5-A1        |            |                         |
| Watts         | 5W            | CRI        | Ra>80                   |
| Input Voltage | AC : 220-240V | IP Rating  | IP20                    |
| Flux          | 250lm         | Dimension  | ø150xH330 mm            |
| Beam Angle    | 360°          | E27 holder | LED Flame Bulb Included |

SKU: 9043 Warm White 1300K 3800156690431





LED panels offers a broad application in different lighting solutions. With variety of standard sizes they can be placed in suspended ceilings or used as hanging lights.

Features:

- Up to 80% power saving
- Build-in or hanging installations
- Variety of colour temperatures
- Glossy or matt finishing
- Standard sizes
- Variety of powers

Application:

- Suspended ceilings
- Indoor use – home or office
- Large spaces

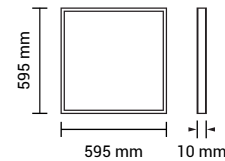
## LED PANELS AND MINI PANELS



### LED PANEL PF>0.9 25W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL25-A1       | Beam Angle | 120°  |
| Watts         | 25W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3000lm        | BOX Qty    | 6 PCS |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2720 | White Light   | 6000K | 3800156627206 |
| SKU: 2721 | Neutral White | 4500K | 3800156627215 |
| SKU: 2722 | Warm White    | 2700K | 3800156627222 |



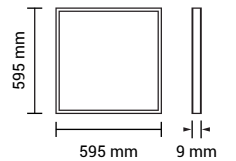
### LED PANEL PF>0.9 29W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL29-A1       | Beam Angle | 120°  |
| Watts         | 29W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 6 PCS |



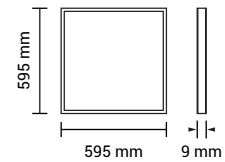
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2382 | White Light   | 6000K | 3800156623828 |
| SKU: 2383 | Neutral White | 4500K | 3800156623835 |
| SKU: 2384 | Warm White    | 2700K | 3800156623842 |



### LED PANEL PF>0.95 25W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL25-A2       | Beam Angle | 120°  |
| Watts         | 25W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3000lm        | BOX Qty    | 1 PCS |



**TB(b)RATED**  
Polycarbonate Diffuser

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2740 | White Light   | 6000K | 3800156627406 |
| SKU: 2741 | Neutral White | 4500K | 3800156627413 |



### LED BACKLIT PANEL PF>0.9 30W With Driver 60x60cm

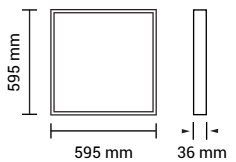


|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL30-A3       | Beam Angle | 120°  |
| Watts         | 30W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 6 PCS |



**TB(a)RATED**  
Polycarbonate Diffuser

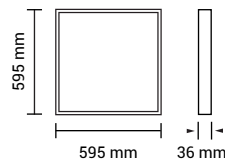
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2776 | White Light   | 6000K | 3800156627765 |
| SKU: 2777 | Neutral White | 4000K | 3800156627772 |



### LED BACKLIT PANEL PF>0.9 25W With Driver 60x60cm



|               |               |            |        |
|---------------|---------------|------------|--------|
| Product code  | DL25-A3       | Beam Angle | 120°   |
| Watts         | 25W           | CRI        | Ra>80  |
| Input Voltage | AC : 185-265V | IP Rating  | IP20   |
| Flux          | 4000lm        | BOX Qty    | 10 PCS |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2770 | White Light   | 6000K | 3800156627703 |
| SKU: 2771 | Neutral White | 4500K | 3800156627710 |



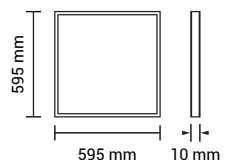
### LED PANEL 36W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL36-A1       | Beam Angle | 120°  |
| Watts         | 36W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating  | IP20  |
| Flux          | 3200lm        | BOX Qty    | 6 PCS |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2350 | White Light   | 6000K | 3800156623507 |
| SKU: 2363 | Neutral White | 4500K | 3800156623637 |
| SKU: 2351 | Warm White    | 2700K | 3800156623514 |



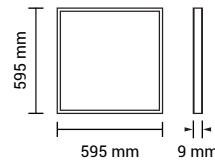


**LED PANEL PF>0.95**  
**36W With Driver 60x60cm**


|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL36-A2       | Beam Angle | 120°  |
| Watts         | 36W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3500lm        | BOX Qty    | 1 PCS |


**TB(b)RATED**  
 Polycarbonate Diffuser

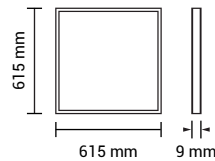
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2744 | White Light   | 6000K | 3800156627444 |
| SKU: 2745 | Neutral White | 4500K | 3800156627451 |


**3**  
 Years  
 Warranty

**LED PANEL PF>0.9**  
**36W With Driver 62x62cm**


|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL36-A3       | Beam Angle | 120°  |
| Watts         | 36W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3060lm        | BOX Qty    | 1 PCS |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2734 | White Light   | 6000K | 3800156627345 |
| SKU: 2735 | Neutral White | 4500K | 3800156627352 |
| SKU: 2736 | Warm White    | 2700K | 3800156627369 |

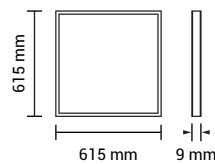


German Standard

**LED PANEL PF>0.9**  
**36W With Driver 62x62cm**


|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL36-A3       | Beam Angle | 120°  |
| Watts         | 36W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3060lm        | BOX Qty    | 6 PCS |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2737 | White Light   | 6000K | 3800156627376 |
| SKU: 2738 | Neutral White | 4500K | 3800156627383 |
| SKU: 2739 | Warm White    | 2700K | 3800156627390 |


**6 PCS**  
 BOX

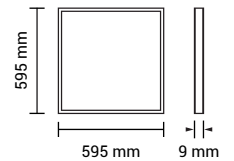

German Standard

**LED PANEL PF>0.9**  
**40W With Driver 60x60cm**


|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL40-A1       | Beam Angle | 120°  |
| Watts         | 40W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 4800lm        | BOX Qty    | 1 PCS |



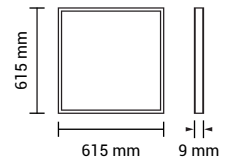
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2726 | White Light   | 6000K | 3800156627260 |
| SKU: 2727 | Neutral White | 4500K | 3800156627277 |
| SKU: 2728 | Warm White    | 2700K | 3800156627284 |


**5**  
 Years  
 Warranty

**LED PANEL PF>0.9**  
**40W With Driver 62x62cm**


|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL40-A2       | Beam Angle | 120°  |
| Watts         | 40W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 4000lm        | BOX Qty    | 1 PCS |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2731 | White Light   | 6000K | 3800156627314 |
| SKU: 2732 | Neutral White | 4500K | 3800156627321 |
| SKU: 2733 | Warm White    | 2700K | 3800156627338 |

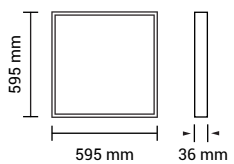


German Standard

**LED BACKLIT PANEL PF>0.9**  
**40W With Driver 60x60cm**


|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL40-A3       | Beam Angle | 120°  |
| Watts         | 40W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating  | IP20  |
| Flux          | 3200lm        | BOX Qty    | 6 PCS |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2774 | White Light   | 6000K | 3800156627741 |
| SKU: 2775 | Neutral White | 4000K | 3800156627758 |


**6 PCS**  
 BOX



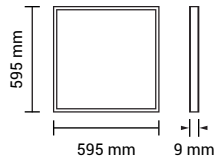
### LED PANEL PF>0.9 45W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL45-A5       | Beam Angle | 120°  |
| Watts         | 45W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 6 PCS |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2394 | White Light   | 6000K | 3800156623941 |
| SKU: 2395 | Neutral White | 4500K | 3800156623958 |
| SKU: 2396 | Warm White    | 2700K | 3800156623965 |



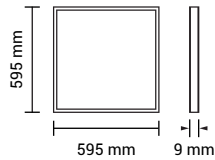
### LED PANEL PF>0.9 45W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL45-A5       | Beam Angle | 120°  |
| Watts         | 45W           | CRI        | Ra>95 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 6 PCS |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2397 | White Light   | 6000K | 3800156623972 |
| SKU: 2398 | Neutral White | 4500K | 3800156623989 |
| SKU: 2399 | Warm White    | 2700K | 3800156623996 |



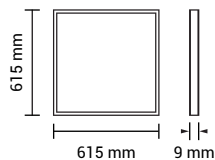
### LED PANEL PF>0.9 45W With Driver 62x62cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL45-A5       | Beam Angle | 120°  |
| Watts         | 45W           | CRI        | Ra>95 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 6 PCS |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2797 | White Light   | 6000K | 3800156627970 |
| SKU: 2798 | Neutral White | 4500K | 3800156627987 |
| SKU: 2799 | Warm White    | 2700K | 3800156627994 |



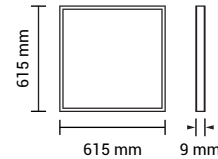
### LED PANEL PF>0.9 45W With Driver 62x62cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL45-A4       | Beam Angle | 120°  |
| Watts         | 45W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 6 PCS |



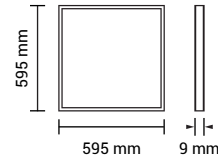
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2794 | White Light   | 6000K | 3800156627949 |
| SKU: 2795 | Neutral White | 4500K | 3800156627956 |
| SKU: 2796 | Warm White    | 2700K | 3800156627963 |



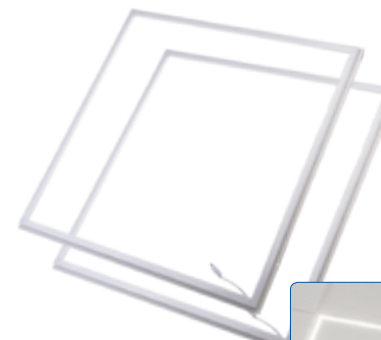
### LED 3D SKY PANEL 45W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL45-A3       | Beam Angle | 120°  |
| Watts         | 45W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 4 PCS |



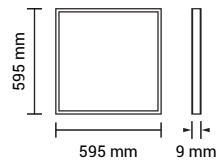
|           |             |       |               |
|-----------|-------------|-------|---------------|
| SKU: 2780 | White Light | 6000K | 3800156627802 |
|-----------|-------------|-------|---------------|



### LED FRAME PANEL PF>0.9 45W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL45-A2       | Beam Angle | 120°  |
| Watts         | 45W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 2 PCS |



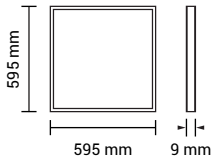
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2781 | White Light   | 6000K | 3800156627819 |
| SKU: 2782 | Neutral White | 4500K | 3800156627826 |

LED PANEL PF>0.9  
45W With Driver 60x60cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL45-A1       | Beam Angle | 120°  |
| Watts         | 45W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 6 PCS |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2372 | White Light   | 6000K | 3800156623729 |
| SKU: 2373 | Neutral White | 4500K | 3800156623736 |
| SKU: 2374 | Warm White    | 2700K | 3800156623743 |

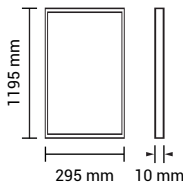


LED PANEL PF>0.9  
45W With Driver 120x30cm



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | DL45-A1       | Beam Angle | 120°  |
| Watts         | 45W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP20  |
| Flux          | 3600lm        | BOX Qty    | 6 PCS |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2375 | White Light   | 6000K | 3800156623750 |
| SKU: 2376 | Neutral White | 4500K | 3800156623767 |
| SKU: 2377 | Warm White    | 2700K | 3800156623774 |

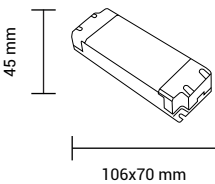


LED DALI DRIVER - Adjustable  
FOR LED PANELS



|                |              |
|----------------|--------------|
| Watts          | 20-40W       |
| Input Voltage  | AC: 220-240V |
| Output Current | 550mA-1050mA |
| Output Voltage | 25V-42V      |
| Material       | Plastic      |
| IP Rating      | IP20         |
| Product code   | AC1-A8       |

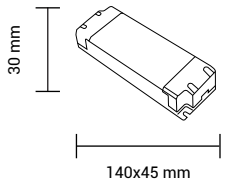
|           |         |               |
|-----------|---------|---------------|
| SKU: 6030 | 20W-40W | 3800156660304 |
|-----------|---------|---------------|



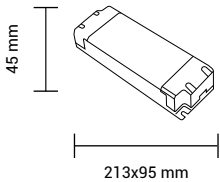
DRIVERS FOR LED PANELS  
Dimmable



|                |              |              |              |              |              |
|----------------|--------------|--------------|--------------|--------------|--------------|
| Watts          | 25W          | 36W          | 45W          | 48W          | 48W          |
| Input Voltage  | AC: 180-265V | AC: 180-265V | AC: 180-265V | AC: 180-265V | AC: 180-265V |
| Output Voltage | DC: 30-42V   | DC: 30-42V   | DC: 30-45V   | DC: 45-65V   | DC: 30-40V   |
| Material       | Plastic      | Plastic      | Plastic      | Plastic      | Plastic      |
| IP Rating      | IP20         | IP20         | IP20         | IP20         | IP20         |
| Product code   | AC1-A7       | AC1-A8       | AC1-A6       | AC1-A4       | AC1-A5       |



EMERGENCY BATTERY PACK  
FOR LED PANELS



|                    |              |
|--------------------|--------------|
| Product code       | AC1-A9       |
| Battery            | 3.6V / 4.5Ah |
| IP Rating          | IP20         |
| Material           | Plastic      |
| Dimension          | 213x95x40mm  |
| Emergency duration | 3 Hours      |

|           |              |               |
|-----------|--------------|---------------|
| SKU: 6029 | Battery Pack | 3800156660359 |
|-----------|--------------|---------------|







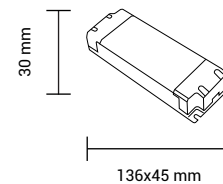
## DRIVERS FOR LED PANELS

## Plastic Case



|           |        |     |               |
|-----------|--------|-----|---------------|
| SKU: 6019 | 900mA  | 36W | 3800156660199 |
| SKU: 6021 | 950mA  | 45W | 3800156660212 |
| SKU: 6020 | 1150mA | 48W | 3800156660205 |

|                |              |              |              |
|----------------|--------------|--------------|--------------|
| Watts          | 36W          | 45W          | 48W          |
| Input Voltage  | AC: 175-240V | AC: 175-240V | AC: 175-240V |
| Output Current | 900mA        | 950mA        | 1150mA       |
| Material       | Plastic      | Plastic      | Plastic      |
| IP Rating      | IP20         | IP20         | IP20         |
| Product code   | AC1-A8       | AC1-A6       | AC1-A5       |



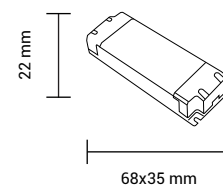
## DRIVERS FOR LED DOWNLIGHTS

## Plastic Case



|           |        |     |               |
|-----------|--------|-----|---------------|
| SKU: 6035 | 3-12V  | 3W  | 3800156660359 |
| SKU: 6036 | 15-24V | 6W  | 3800156660366 |
| SKU: 6037 | 20-40V | 12W | 3800156660373 |
| SKU: 6038 | 40-60V | 18W | 3800156660380 |
| SKU: 6039 | 60-80V | 24W | 3800156660397 |

|                |             |             |             |             |             |
|----------------|-------------|-------------|-------------|-------------|-------------|
| Watts          | 3W          | 6W          | 12W         | 18W         | 24W         |
| Input Voltage  | AC: 85-265V | AC: 85-265V | AC: 85-265V | AC: 85-265V | AC: 85-265V |
| Output Voltage | DC: 3-12V   | DC: 15-24V  | DC: 20-40V  | DC: 40-60V  | DC: 60-80V  |
| Material       | Plastic     | Plastic     | Plastic     | Plastic     | Plastic     |
| IP Rating      | IP20        | IP20        | IP20        | IP20        | IP20        |
| Product code   | AC1-B2      | AC1-B3      | AC1-B4      | AC1-B5      | AC1-B6      |



## Accessories for Hanging



## Stainless Steel Cable

|              |               |
|--------------|---------------|
| SKU: 5182    | 3800156651968 |
| Product code | OT1-A2        |



## Clips for LED Panels

|              |               |
|--------------|---------------|
| SKU: 5188    | 3800156651968 |
| Product code | OT1-A2        |



## FRAMES FOR LED PANELS

|           |           |            |               |
|-----------|-----------|------------|---------------|
| SKU: 5196 | Dimension | 300x600mm  | 3800156651968 |
| SKU: 5198 | Dimension | 600x600mm  | 3800156651982 |
| SKU: 5197 | Dimension | 300x1200mm | 3800156651975 |

Product code OT1-A2





## LED RECESSED PANELS

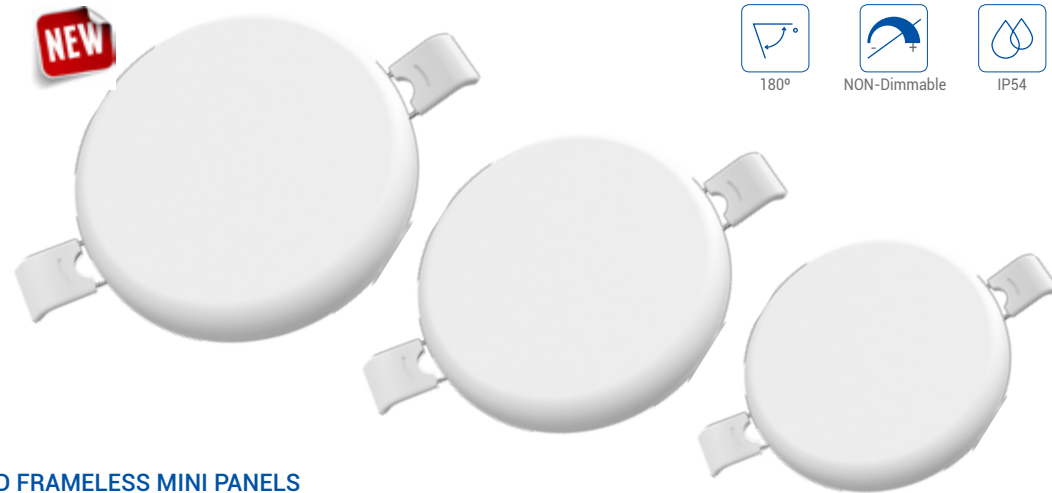
These LED mini panel lights are suitable for recessed installation in offices, hospitals, schools. Easy and quick mounting, there is no need of maintenance, offering long lifetime up of 25 000h

### Features:

- Up to 80% power saving
- Different sizes to fit old installations or new lighting projects
- Build-in

### Application:

- Home or office use
- Accent lights for shops or stores



180°



NON-Dimmable



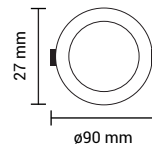
IP54

### LED FRAMELESS MINI PANELS ROUND

**9W**

Lumens

|               |              |              |       |
|---------------|--------------|--------------|-------|
| Product code  | DL9-B2       | Beam Angle   | 180°  |
| Watts         | 9W           | CRI          | Ra>80 |
| Input Voltage | AC : 85-265V | IP Rating    | IP54  |
| Flux          | 760lm        | Cutting Size | ø75mm |

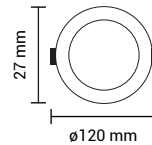


|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2666 | White Light   | 6000K | 3800156626669 |
| SKU: 2667 | Neutral White | 4200K | 3800156626676 |
| SKU: 2668 | Warm White    | 2700K | 3800156626683 |

**18W**

Lumens

|               |              |              |        |
|---------------|--------------|--------------|--------|
| Product code  | DL18-B2      | Beam Angle   | 180°   |
| Watts         | 18W          | CRI          | Ra>80  |
| Input Voltage | AC : 85-265V | IP Rating    | IP54   |
| Flux          | 1500lm       | Cutting Size | ø108mm |

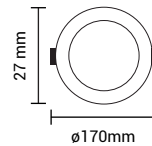


|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2669 | White Light   | 6000K | 3800156626690 |
| SKU: 2670 | Neutral White | 4200K | 3800156626706 |
| SKU: 2671 | Warm White    | 2700K | 3800156626713 |

**24W**

Lumens

|               |              |              |        |
|---------------|--------------|--------------|--------|
| Product code  | DL24-B2      | Beam Angle   | 180°   |
| Watts         | 24W          | CRI          | Ra>80  |
| Input Voltage | AC : 85-265V | IP Rating    | IP54   |
| Flux          | 2010lm       | Cutting Size | ø155mm |

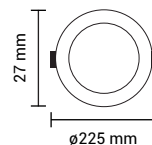


|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2672 | White Light   | 6000K | 3800156626720 |
| SKU: 2673 | Neutral White | 4200K | 3800156626737 |
| SKU: 2674 | Warm White    | 2700K | 3800156626744 |

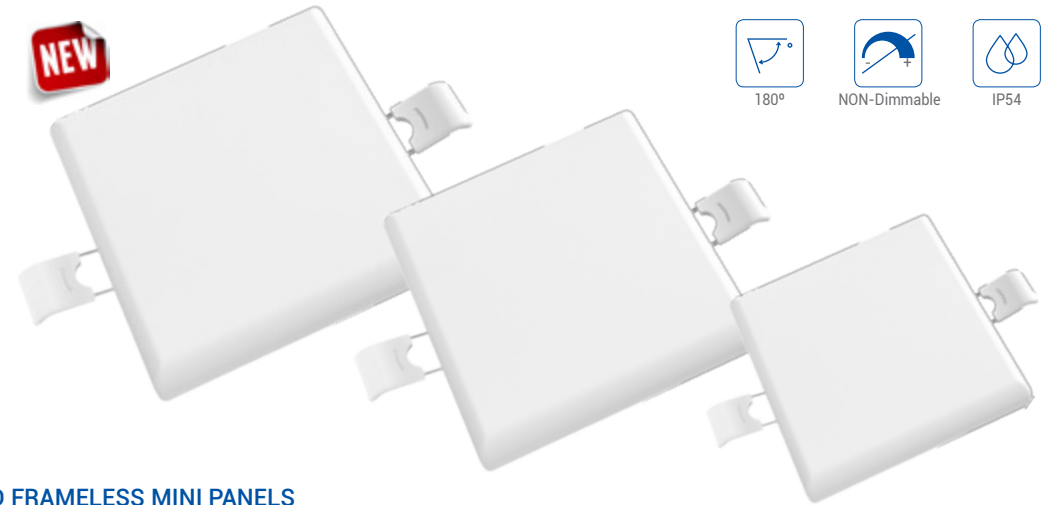
**36W**

Lumens

|               |              |              |        |
|---------------|--------------|--------------|--------|
| Product code  | DL36-B3      | Beam Angle   | 180°   |
| Watts         | 36W          | CRI          | Ra>80  |
| Input Voltage | AC : 85-265V | IP Rating    | IP54   |
| Flux          | 3020lm       | Cutting Size | ø206mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2675 | White Light   | 6000K | 3800156626751 |
| SKU: 2676 | Neutral White | 4200K | 3800156626768 |
| SKU: 2677 | Warm White    | 2700K | 3800156626775 |



180°



NON-Dimmable



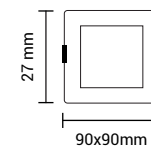
IP54

### LED FRAMELESS MINI PANELS SQUARE

**9W**

Lumens

|               |              |              |         |
|---------------|--------------|--------------|---------|
| Product code  | DL9-B2       | Beam Angle   | 180°    |
| Watts         | 9W           | CRI          | Ra>80   |
| Input Voltage | AC : 85-265V | IP Rating    | IP54    |
| Flux          | 760lm        | Cutting Size | 75x75mm |

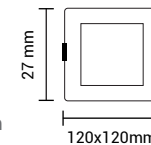


|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2678 | White Light   | 6000K | 3800156626782 |
| SKU: 2679 | Neutral White | 4200K | 3800156626799 |
| SKU: 2680 | Warm White    | 2700K | 3800156626805 |

**18W**

Lumens

|               |              |              |           |
|---------------|--------------|--------------|-----------|
| Product code  | DL18-B2      | Beam Angle   | 180°      |
| Watts         | 18W          | CRI          | Ra>80     |
| Input Voltage | AC : 85-265V | IP Rating    | IP54      |
| Flux          | 1500lm       | Cutting Size | 108x108mm |

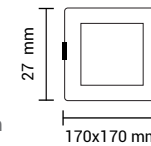


|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2681 | White Light   | 6000K | 3800156626812 |
| SKU: 2682 | Neutral White | 4200K | 3800156626829 |
| SKU: 2683 | Warm White    | 2700K | 3800156626836 |

**24W**

Lumens

|               |              |              |           |
|---------------|--------------|--------------|-----------|
| Product code  | DL24-B2      | Beam Angle   | 180°      |
| Watts         | 24W          | CRI          | Ra>80     |
| Input Voltage | AC : 85-265V | IP Rating    | IP54      |
| Flux          | 2010lm       | Cutting Size | 155x155mm |

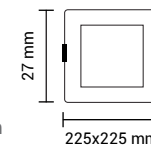


|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2684 | White Light   | 6000K | 3800156626843 |
| SKU: 2685 | Neutral White | 4200K | 3800156626850 |
| SKU: 2686 | Warm White    | 2700K | 3800156626867 |

**36W**

Lumens

|               |              |              |           |
|---------------|--------------|--------------|-----------|
| Product code  | DL36-B3      | Beam Angle   | 180°      |
| Watts         | 36W          | CRI          | Ra>80     |
| Input Voltage | AC : 85-265V | IP Rating    | IP54      |
| Flux          | 3020lm       | Cutting Size | 206x206mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2687 | White Light   | 6000K | 3800156626874 |
| SKU: 2688 | Neutral White | 4200K | 3800156626881 |
| SKU: 2689 | Warm White    | 2700K | 3800156626898 |

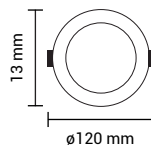




### LED MINI PANELS ROUND - Pro Line TRUE COLOURS SERIES



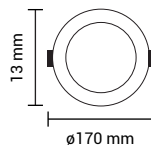
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|---------------|--------------|--------------|--------|
| Product code  | DL6-B3       | Beam Angle   | 120°   |
| Watts         | 6W           | CRI          | Ra>95  |
| Input Voltage | AC : 85-265V | IP Rating    | IP20   |
| Flux          | 440lm        | Cutting Size | ø100mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2601 | White Light   | 6000K | 3800156626010 |
| SKU: 2602 | Neutral White | 4200K | 3800156626027 |
| SKU: 2603 | Warm White    | 2700K | 3800156626034 |



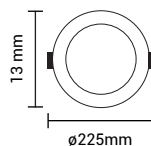
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|---------------|--------------|--------------|--------|
| Product code  | DL12-B3      | Beam Angle   | 120°   |
| Watts         | 12W          | CRI          | Ra>95  |
| Input Voltage | AC : 85-265V | IP Rating    | IP20   |
| Flux          | 1000lm       | Cutting Size | ø150mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2604 | White Light   | 6000K | 3800156626041 |
| SKU: 2605 | Neutral White | 4200K | 3800156626058 |
| SKU: 2606 | Warm White    | 2700K | 3800156626065 |



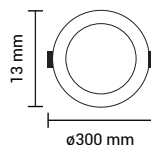
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| Product code  | DL18-B3      | Beam Angle   | 120°   |
| Watts         | 18W          | CRI          | Ra>95  |
| Input Voltage | AC : 85-265V | IP Rating    | IP20   |
| Flux          | 1500lm       | Cutting Size | ø200mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2608 | White Light   | 6000K | 3800156626089 |
| SKU: 2609 | Neutral White | 4200K | 3800156626096 |
| SKU: 2610 | Warm White    | 2700K | 3800156626102 |



|               |              |              |        |
|---------------|--------------|--------------|--------|
| Product code  | DL24-B3      | Beam Angle   | 120°   |
| Watts         | 24W          | CRI          | Ra>95  |
| Input Voltage | AC : 85-265V | IP Rating    | IP20   |
| Flux          | 2010lm       | Cutting Size | ø270mm |



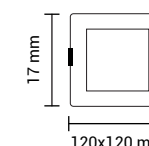
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| SKU: 2611 | White Light   | 6000K | 3800156626119 |
| SKU: 2612 | Neutral White | 4200K | 3800156626126 |
| SKU: 2613 | Warm White    | 2700K | 3800156626133 |



### LED MINI PANELS SQUARE - Pro Line TRUE COLOURS SERIES



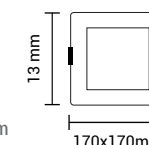
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| Product code  | DL6-B3       | Beam Angle   | 120°    |
| Watts         | 6W           | CRI          | Ra>95   |
| Input Voltage | AC : 85-265V | IP Rating    | IP20    |
| Flux          | 440lm        | Cutting Size | 95x95mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2614 | White Light   | 6000K | 3800156626140 |
| SKU: 2615 | Neutral White | 4200K | 3800156626157 |
| SKU: 2616 | Warm White    | 2700K | 3800156626164 |



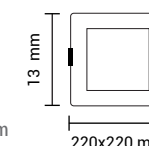
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|---------------|--------------|--------------|-----------|
| Product code  | DL12-B3      | Beam Angle   | 120°      |
| Watts         | 12W          | CRI          | Ra>95     |
| Input Voltage | AC : 85-265V | IP Rating    | IP20      |
| Flux          | 1000lm       | Cutting Size | 150x150mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2617 | White Light   | 6000K | 3800156626171 |
| SKU: 2618 | Neutral White | 4200K | 3800156626188 |
| SKU: 2619 | Warm White    | 2700K | 3800156626195 |



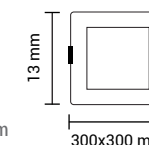
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|---------------|--------------|--------------|-----------|
| Product code  | DL18-B3      | Beam Angle   | 120°      |
| Watts         | 18W          | CRI          | Ra>95     |
| Input Voltage | AC : 85-265V | IP Rating    | IP20      |
| Flux          | 1500lm       | Cutting Size | 200x200mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2630 | White Light   | 6000K | 3800156626300 |
| SKU: 2631 | Neutral White | 4200K | 3800156626317 |
| SKU: 2632 | Warm White    | 2700K | 3800156626324 |



|               |              |              |           |
|---------------|--------------|--------------|-----------|
| Product code  | DL24-B3      | Beam Angle   | 120°      |
| Watts         | 24W          | CRI          | Ra>95     |
| Input Voltage | AC : 85-265V | IP Rating    | IP20      |
| Flux          | 2010lm       | Cutting Size | 270x270mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2642 | White Light   | 6000K | 3800156626423 |
| SKU: 2643 | Neutral White | 4200K | 3800156626430 |
| SKU: 2644 | Warm White    | 2700K | 3800156626447 |

NEW

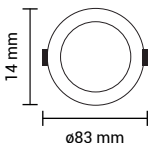


LED MINI PANELS

ROUND - Home Edition



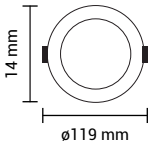
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| Product code  | DL3-B1       | Beam Angle   | 120°  |
| Watts         | 3W           | CRI          | Ra>80 |
| Input Voltage | AC : 85-260V | IP Rating    | IP20  |
| Flux          | 150lm        | Cutting Size | ø62mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2470 | White Light   | 6000K | 3800156624702 |
| SKU: 2471 | Neutral White | 4500K | 3800156624719 |
| SKU: 2472 | Warm White    | 2800K | 3800156624726 |



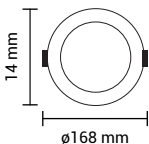
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|---------------|--------------|--------------|-------|
| Product code  | DL6-B1       | Beam Angle   | 120°  |
| Watts         | 6W           | CRI          | Ra>80 |
| Input Voltage | AC : 85-260V | IP Rating    | IP20  |
| Flux          | 360lm        | Cutting Size | ø99mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2473 | White Light   | 6000K | 3800156624733 |
| SKU: 2474 | Neutral White | 4500K | 3800156624740 |
| SKU: 2475 | Warm White    | 2800K | 3800156624757 |



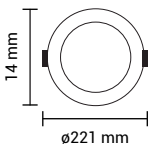
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|---------------|--------------|--------------|--------|
| Product code  | DL12-B1      | Beam Angle   | 120°   |
| Watts         | 12W          | CRI          | Ra>80  |
| Input Voltage | AC : 85-260V | IP Rating    | IP20   |
| Flux          | 840lm        | Cutting Size | ø146mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2476 | White Light   | 6000K | 3800156624764 |
| SKU: 2477 | Neutral White | 4500K | 3800156624771 |
| SKU: 2478 | Warm White    | 2800K | 3800156624788 |



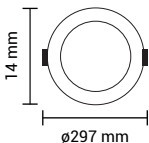
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| Product code  | DL18-B1      | Beam Angle   | 120°   |
| Watts         | 18W          | CRI          | Ra>80  |
| Input Voltage | AC : 85-260V | IP Rating    | IP20   |
| Flux          | 1350lm       | Cutting Size | ø196mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2479 | White Light   | 6000K | 3800156624795 |
| SKU: 2480 | Neutral White | 4500K | 3800156624801 |
| SKU: 2481 | Warm White    | 2800K | 3800156624818 |



|               |              |              |        |
|---------------|--------------|--------------|--------|
| Product code  | DL24-B1      | Beam Angle   | 120°   |
| Watts         | 24W          | CRI          | Ra>80  |
| Input Voltage | AC : 85-260V | IP Rating    | IP20   |
| Flux          | 1700lm       | Cutting Size | ø276mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2482 | White Light   | 6000K | 3800156624825 |
| SKU: 2483 | Neutral White | 4500K | 3800156624832 |
| SKU: 2484 | Warm White    | 2800K | 3800156624849 |

NEW

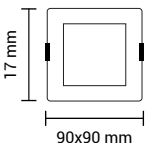


LED MINI PANELS

SQUARE - Home Edition



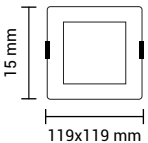
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|---------------|--------------|--------------|---------|
| Product code  | DL3-B1       | Beam Angle   | 120°    |
| Watts         | 3W           | CRI          | Ra>80   |
| Input Voltage | AC : 85-260V | IP Rating    | IP20    |
| Flux          | 150lm        | Cutting Size | 67x67mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2485 | White Light   | 6000K | 3800156624856 |
| SKU: 2486 | Neutral White | 4500K | 3800156624863 |
| SKU: 2487 | Warm White    | 2800K | 3800156624870 |



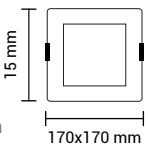
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| Product code  | DL6-B1       | Beam Angle   | 120°    |
| Watts         | 6W           | CRI          | Ra>80   |
| Input Voltage | AC : 85-260V | IP Rating    | IP20    |
| Flux          | 360lm        | Cutting Size | 98x98mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2488 | White Light   | 6000K | 3800156624887 |
| SKU: 2489 | Neutral White | 4500K | 3800156624894 |
| SKU: 2490 | Warm White    | 2800K | 3800156624900 |



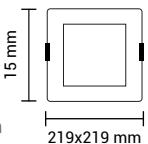
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| Product code  | DL12-B1      | Beam Angle   | 120°      |
| Watts         | 12W          | CRI          | Ra>80     |
| Input Voltage | AC : 85-260V | IP Rating    | IP20      |
| Flux          | 840lm        | Cutting Size | 148x148mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2491 | White Light   | 6000K | 3800156624917 |
| SKU: 2492 | Neutral White | 4500K | 3800156624924 |
| SKU: 2493 | Warm White    | 2800K | 3800156624931 |



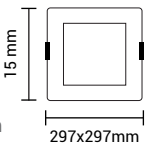
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| Product code  | DL18-B1      | Beam Angle   | 120°      |
| Watts         | 18W          | CRI          | Ra>80     |
| Input Voltage | AC : 85-260V | IP Rating    | IP20      |
| Flux          | 1350lm       | Cutting Size | 198x198mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2494 | White Light   | 6000K | 3800156624948 |
| SKU: 2495 | Neutral White | 4500K | 3800156624955 |
| SKU: 2496 | Warm White    | 2800K | 3800156624962 |



|               |              |              |           |
|---------------|--------------|--------------|-----------|
| Product code  | DL24-B1      | Beam Angle   | 120°      |
| Watts         | 24W          | CRI          | Ra>80     |
| Input Voltage | AC : 85-260V | IP Rating    | IP20      |
| Flux          | 1700lm       | Cutting Size | 270x270mm |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 2497 | White Light   | 6000K | 3800156624979 |
| SKU: 2498 | Neutral White | 4500K | 3800156624986 |
| SKU: 2499 | Warm White    | 2800K | 3800156624993 |



CCT - LED MINI PANELS  
ROUND Build-in Driver

6W

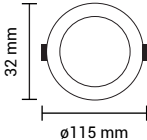


450

Lumens

|               |               |              |            |
|---------------|---------------|--------------|------------|
| Product code  | DL6-A6        | Beam Angle   | 100°       |
| Watts         | 6W            | CRI          | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating    | IP44 Front |
| Flux          | 150lm         | Cutting Size | ø105mm     |

32 mm



ø115 mm

SKU: 2590 3800156625907

CCT

6000K 4500K 3000K

12W

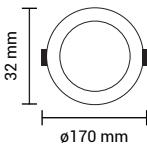


950

Lumens

|               |               |              |            |
|---------------|---------------|--------------|------------|
| Product code  | DL12-A6       | Beam Angle   | 100°       |
| Watts         | 12W           | CRI          | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating    | IP44 Front |
| Flux          | 150lm         | Cutting Size | ø155mm     |

32 mm



ø170 mm

SKU: 2591 3800156625914

CCT

6000K 4500K 3000K

18W

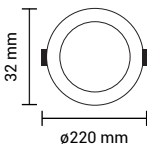


1550

Lumens

|               |               |              |            |
|---------------|---------------|--------------|------------|
| Product code  | DL18-A6       | Beam Angle   | 100°       |
| Watts         | 18W           | CRI          | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating    | IP44 Front |
| Flux          | 150lm         | Cutting Size | ø205mm     |

32 mm



ø220 mm

SKU: 2592 3800156625921

CCT

6000K 4500K 3000K

24W

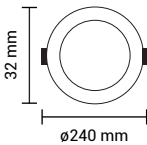


2150

Lumens

|               |               |              |            |
|---------------|---------------|--------------|------------|
| Product code  | DL24-A6       | Beam Angle   | 100°       |
| Watts         | 24W           | CRI          | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating    | IP44 Front |
| Flux          | 2150lm        | Cutting Size | ø225mm     |

32 mm



ø240 mm

SKU: 2593 3800156625938

CCT

6000K 4500K 3000K



CCT - LED MINI PANELS  
SQUARE Build-in Driver

6W

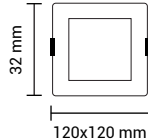


450

Lumens

|               |               |              |            |
|---------------|---------------|--------------|------------|
| Product code  | DL6-A6        | Beam Angle   | 100°       |
| Watts         | 6W            | CRI          | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating    | IP44 Front |
| Flux          | 450lm         | Cutting Size | 105x105mm  |

32 mm



120x120 mm

SKU: 2594 3800156625945

CCT

6000K 4500K 3000K

12W

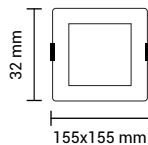


950

Lumens

|               |               |              |            |
|---------------|---------------|--------------|------------|
| Product code  | DL12-A6       | Beam Angle   | 100°       |
| Watts         | 12W           | CRI          | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating    | IP44 Front |
| Flux          | 950lm         | Cutting Size | 155x155mm  |

32 mm



155x155 mm

SKU: 2595 3800156625952

CCT

6000K 4500K 3000K

18W

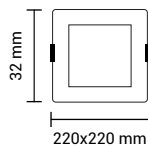


1550

Lumens

|               |               |              |            |
|---------------|---------------|--------------|------------|
| Product code  | DL18-A6       | Beam Angle   | 100°       |
| Watts         | 18W           | CRI          | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating    | IP44 Front |
| Flux          | 1550lm        | Cutting Size | 205x205mm  |

32 mm



220x220 mm

SKU: 2596 3800156625969

CCT

6000K 4500K 3000K

24W

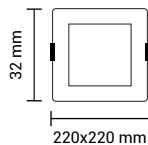


2150

Lumens

|               |               |              |            |
|---------------|---------------|--------------|------------|
| Product code  | DL24-A6       | Beam Angle   | 100°       |
| Watts         | 24W           | CRI          | Ra>80      |
| Input Voltage | AC : 165-265V | IP Rating    | IP44 Front |
| Flux          | 2150lm        | Cutting Size | 205x205mm  |

32 mm



220x220 mm

SKU: 2597 3800156625976

CCT

6000K 4500K 3000K





LED MINI PANELS  
ROUND

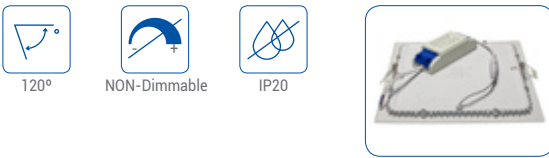
|                                                                                                                                                    |               |              |              |       |                                                                                                                                          |           |               |                             |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|-------|------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|-----------------------------|---------------|
| <div><div>3W</div><div></div><div>150</div><div>Lumens</div></div> | Product code  | DL3-A4       | Beam Angle   | 120°  | <div><div>19 mm</div><div></div><div>ø88 mm</div></div> | SKU: 2431 | White Light   | <div><div></div>6000K</div> | 3800156624313 |
|                                                                                                                                                    | Watts         | 3W           | CRI          | Ra>80 |                                                                                                                                          | SKU: 2432 | Neutral White | <div><div></div>4500K</div> | 3800156624320 |
|                                                                                                                                                    | Input Voltage | AC : 85-260V | IP Rating    | IP20  |                                                                                                                                          | SKU: 2433 | Warm White    | <div><div></div>2700K</div> | 3800156624337 |
|                                                                                                                                                    | Flux          | 150lm        | Cutting Size | ø80mm |                                                                                                                                          |           |               |                             |               |
|                                                                                                                                                    |               |              |              |       |                                                                                                                                          |           |               |                             |               |

|                                                            |               |              |              |        |                                                 |           |               |       |               |
|------------------------------------------------------------|---------------|--------------|--------------|--------|-------------------------------------------------|-----------|---------------|-------|---------------|
| <div>6W</div> <div></div> <div>360</div> <div>Lumens</div> | Product code  | DL6-A4       | Beam Angle   | 120°   | <div>19 mm</div> <div></div> <div>ø120 mm</div> | SKU: 2434 | White Light   | 6000K | 3800156624344 |
|                                                            | Watts         | 6W           | CRI          | Ra>80  |                                                 | SKU: 2435 | Neutral White | 4500K | 3800156624351 |
|                                                            | Input Voltage | AC : 85-260V | IP Rating    | IP20   |                                                 | SKU: 2436 | Warm White    | 2700K | 3800156624368 |
|                                                            | Flux          | 360lm        | Cutting Size | ø110mm |                                                 |           |               |       |               |
|                                                            |               |              |              |        |                                                 |           |               |       |               |

|                                                                                                                                               |               |              |              |        |                                                                                     |           |               |       |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|--------|-------------------------------------------------------------------------------------|-----------|---------------|-------|---------------|
| <div>12W</div> <div></div> <div>840</div> <div>Lumens</div> | Product code  | DL12-A4      | Beam Angle   | 120°   |  | SKU: 2437 | White Light   | 6000K | 3800156624375 |
|                                                                                                                                               | Watts         | 12W          | CRI          | Ra>80  |                                                                                     | SKU: 2438 | Neutral White | 4500K | 3800156624382 |
|                                                                                                                                               | Input Voltage | AC : 85-260V | IP Rating    | IP20   |                                                                                     | SKU: 2439 | Warm White    | 2700K | 3800156624399 |
|                                                                                                                                               | Flux          | 840lm        | Cutting Size | ø155mm |                                                                                     |           |               |       |               |
|                                                                                                                                               |               |              |              |        |                                                                                     |           |               |       |               |

|                                                              |               |              |              |        |                                     |           |               |       |               |
|--------------------------------------------------------------|---------------|--------------|--------------|--------|-------------------------------------|-----------|---------------|-------|---------------|
| <div>18W</div> <div></div> <div>1350</div> <div>Lumens</div> | Product code  | DL18-A4      | Beam Angle   | 120°   | <div>19 mm</div> <div>ø225 mm</div> | SKU: 2335 | White Light   | 6000K | 3800156623354 |
|                                                              | Watts         | 18W          | CRI          | Ra>80  |                                     | SKU: 2440 | Neutral White | 4500K | 3800156624405 |
|                                                              | Input Voltage | AC : 85-260V | IP Rating    | IP20   |                                     | SKU: 2336 | Warm White    | 2700K | 3800156623361 |
|                                                              | Flux          | 1350lm       | Cutting Size | ø205mm |                                     |           |               |       |               |
|                                                              |               |              |              |        |                                     |           |               |       |               |

|                                                              |               |              |              |        |                                                 |           |               |       |               |
|--------------------------------------------------------------|---------------|--------------|--------------|--------|-------------------------------------------------|-----------|---------------|-------|---------------|
| <div>24W</div> <div></div> <div>1700</div> <div>Lumens</div> | Product code  | DL24-A4      | Beam Angle   | 120°   | <div>25 mm</div> <div></div> <div>ø300 mm</div> | SKU: 2441 | White Light   | 6000K | 3800156624412 |
|                                                              | Watts         | 24W          | CRI          | Ra>80  |                                                 | SKU: 2442 | Neutral White | 4500K | 3800156624429 |
|                                                              | Input Voltage | AC : 85-260V | IP Rating    | IP20   |                                                 | SKU: 2443 | Warm White    | 2700K | 3800156624436 |
|                                                              | Flux          | 1700lm       | Cutting Size | ø285mm |                                                 |           |               |       |               |
|                                                              |               |              |              |        |                                                 |           |               |       |               |



LED MINI PANELS  
SQUARE

|                                                                                                                                                       |               |              |              |         |                                                                                                                                     |           |               |                             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|---------|-------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|-----------------------------|---------------|
| <div><div>3W</div><div></div><div>150</div><div>Lumens</div></div> | Product code  | DL3-A4       | Beam Angle   | 120°    | <div>19 mm</div> <div></div> <div>85x85 mm</div> | SKU: 2444 | White Light   | <div><div></div>6000K</div> | 3800156624443 |
|                                                                                                                                                       | Watts         | 3W           | CRI          | Ra>80   |                                                                                                                                     | SKU: 2445 | Neutral White | <div><div></div>4500K</div> | 3800156624450 |
|                                                                                                                                                       | Input Voltage | AC : 85-260V | IP Rating    | IP20    |                                                                                                                                     | SKU: 2446 | Warm White    | <div><div></div>2700K</div> | 3800156624467 |
|                                                                                                                                                       | Flux          | 150lm        | Cutting Size | 75x75mm |                                                                                                                                     |           |               |                             |               |
|                                                                                                                                                       |               |              |              |         |                                                                                                                                     |           |               |                             |               |

|                                                                                                                                                       |               |              |              |           |                                                                                                                                                |           |               |                             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|-----------------------------|---------------|
| <div><div>6W</div><div></div><div>360</div><div>Lumens</div></div> | Product code  | DL6-A4       | Beam Angle   | 120°      | <div><div>19 mm</div><div></div><div>120x120 mm</div></div> | SKU: 2447 | White Light   | <div><div></div>6000K</div> | 3800156624474 |
|                                                                                                                                                       | Watts         | 6W           | CRI          | Ra>80     |                                                                                                                                                | SKU: 2448 | Neutral White | <div><div></div>4500K</div> | 3800156624481 |
|                                                                                                                                                       | Input Voltage | AC : 85-260V | IP Rating    | IP20      |                                                                                                                                                | SKU: 2449 | Warm White    | <div><div></div>2700K</div> | 3800156624498 |
|                                                                                                                                                       | Flux          | 360lm        | Cutting Size | 110x110mm |                                                                                                                                                |           |               |                             |               |
|                                                                                                                                                       |               |              |              |           |                                                                                                                                                |           |               |                             |               |

|                                                             |               |              |              |           |                                                    |           |               |       |               |
|-------------------------------------------------------------|---------------|--------------|--------------|-----------|----------------------------------------------------|-----------|---------------|-------|---------------|
| <div>12W</div> <div></div> <div>840</div> <div>Lumens</div> | Product code  | DL12-A4      | Beam Angle   | 120°      | <div>19 mm</div> <div></div> <div>170x170 mm</div> | SKU: 2450 | White Light   | 6000K | 3800156624504 |
|                                                             | Watts         | 12W          | CRI          | Ra>80     |                                                    | SKU: 2451 | Neutral White | 4500K | 3800156624511 |
|                                                             | Input Voltage | AC : 85-260V | IP Rating    | IP20      |                                                    | SKU: 2452 | Warm White    | 2700K | 3800156624528 |
|                                                             | Flux          | 840lm        | Cutting Size | 155x155mm |                                                    |           |               |       |               |
|                                                             |               |              |              |           |                                                    |           |               |       |               |

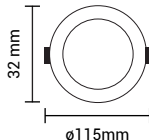
|                                                              |               |              |              |           |                                                    |           |               |       |               |
|--------------------------------------------------------------|---------------|--------------|--------------|-----------|----------------------------------------------------|-----------|---------------|-------|---------------|
| <div>18W</div> <div></div> <div>1350</div> <div>Lumens</div> | Product code  | DL18-A4      | Beam Angle   | 120°      | <div>20 mm</div> <div></div> <div>225x225 mm</div> | SKU: 2348 | White Light   | 6000K | 3800156623484 |
|                                                              | Watts         | 18W          | CRI          | Ra>80     |                                                    | SKU: 2453 | Neutral White | 4500K | 3800156624535 |
|                                                              | Input Voltage | AC : 85-260V | IP Rating    | IP20      |                                                    | SKU: 2349 | Warm White    | 2700K | 3800156623491 |
|                                                              | Flux          | 1350lm       | Cutting Size | 205x205mm |                                                    |           |               |       |               |
|                                                              |               |              |              |           |                                                    |           |               |       |               |

|                                                              |               |              |              |           |                                                   |           |               |       |               |
|--------------------------------------------------------------|---------------|--------------|--------------|-----------|---------------------------------------------------|-----------|---------------|-------|---------------|
| <div>24W</div> <div></div> <div>1700</div> <div>Lumens</div> | Product code  | DL24-A4      | Beam Angle   | 120°      | <div>25 mm</div> <div></div> <div>300x300mm</div> | SKU: 2454 | White Light   | 6000K | 3800156624542 |
|                                                              | Watts         | 24W          | CRI          | Ra>80     |                                                   | SKU: 2455 | Neutral White | 4500K | 3800156624559 |
|                                                              | Input Voltage | AC : 85-260V | IP Rating    | IP20      |                                                   | SKU: 2456 | Warm White    | 2700K | 3800156624566 |
|                                                              | Flux          | 1700lm       | Cutting Size | 282x282mm |                                                   |           |               |       |               |
|                                                              |               |              |              |           |                                                   |           |               |       |               |



CCT - LED MINI PANELS  
ROUND Build-in Driver - Dimmable

|                                |                         |                         |      |
|--------------------------------|-------------------------|-------------------------|------|
| <b>6W</b><br><br>450 Lumens    | Product code<br>DL6-A7  | Beam Angle<br>100°      | 100° |
| Watts<br>6W                    | CRI<br>Ra>80            | CRI<br>Ra>80            |      |
| Input Voltage<br>AC : 220-240V | IP Rating<br>IP44 Front | IP Rating<br>IP44 Front |      |
| Flux<br>450lm                  | Cutting Size<br>ø105mm  | Cutting Size<br>ø105mm  |      |



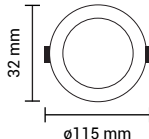
32 mm  
ø115mm

SKU: 2581 3800156625815

CCT

6000K 4500K 3000K

|                                |                         |                         |      |
|--------------------------------|-------------------------|-------------------------|------|
| <b>9W</b><br><br>650 Lumens    | Product code<br>DL9-A7  | Beam Angle<br>100°      | 100° |
| Watts<br>9W                    | CRI<br>Ra>80            | CRI<br>Ra>80            |      |
| Input Voltage<br>AC : 220-240V | IP Rating<br>IP44 Front | IP Rating<br>IP44 Front |      |
| Flux<br>650lm                  | Cutting Size<br>ø105mm  | Cutting Size<br>ø105mm  |      |



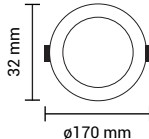
32 mm  
ø115 mm

SKU: 2582 3800156625822

CCT

6000K 4500K 3000K

|                                |                         |                         |      |
|--------------------------------|-------------------------|-------------------------|------|
| <b>16W</b><br><br>1200 Lumens  | Product code<br>DL16-A7 | Beam Angle<br>100°      | 100° |
| Watts<br>16W                   | CRI<br>Ra>80            | CRI<br>Ra>80            |      |
| Input Voltage<br>AC : 220-240V | IP Rating<br>IP44 Front | IP Rating<br>IP44 Front |      |
| Flux<br>1200lm                 | Cutting Size<br>ø155mm  | Cutting Size<br>ø155mm  |      |



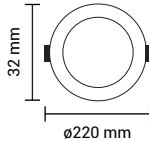
32 mm  
ø170 mm

SKU: 2583 3800156625839

CCT

6000K 4500K 3000K

|                                |                         |                         |      |
|--------------------------------|-------------------------|-------------------------|------|
| <b>20W</b><br><br>1800 Lumens  | Product code<br>DL20-A7 | Beam Angle<br>100°      | 100° |
| Watts<br>20W                   | CRI<br>Ra>80            | CRI<br>Ra>80            |      |
| Input Voltage<br>AC : 220-240V | IP Rating<br>IP44 Front | IP Rating<br>IP44 Front |      |
| Flux<br>1800lm                 | Cutting Size<br>ø205mm  | Cutting Size<br>ø205mm  |      |



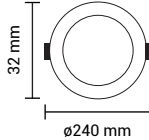
32 mm  
ø220 mm

SKU: 2584 3800156625846

CCT

6000K 4500K 3000K

|                                |                         |                         |      |
|--------------------------------|-------------------------|-------------------------|------|
| <b>24W</b><br><br>2100 Lumens  | Product code<br>DL24-A7 | Beam Angle<br>100°      | 100° |
| Watts<br>24W                   | CRI<br>Ra>80            | CRI<br>Ra>80            |      |
| Input Voltage<br>AC : 220-240V | IP Rating<br>IP44 Front | IP Rating<br>IP44 Front |      |
| Flux<br>2100lm                 | Cutting Size<br>ø225mm  | Cutting Size<br>ø225mm  |      |



32 mm  
ø240 mm

SKU: 2585 3800156625853

CCT

6000K 4500K 3000K



Downlight Adapter  
Recessed Panel to Surface Panel

SKU: 5003 3800156650039  
Surface 3'D105 from 6-9W  
Compatible with SKU: 2581 , 2582

SKU: 5004 3800156650046  
Surface 3'D105 from 12-16W  
Compatible with SKU: 2583



SKU: 5005 3800156650053  
Surface 7'D205 from 18-20W  
Compatible with SKU: 2584

SKU: 5006 3800156650060  
Surface 8'D225 from 22-24W  
Compatible with SKU: 2585

Mini Panels Dimmable Drivers



SKU: 6025 3800156660250  
Dimmable Driver 220V 5-9\*1W 300mA

SKU: 6026 3800156660267  
Dimmable Driver 220V 10-18\*1W 300mA

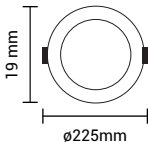
SKU: 6027 3800156660274  
Dimmable Driver 220V 20-30\*1W 300mA



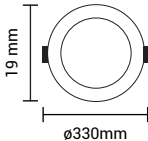
LED SLIM 5 in 1 BUILD-IN/SURFACE  
CCT LED 3000 to 6000K



|               |               |              |           |
|---------------|---------------|--------------|-----------|
| Product code  | DL18-A7       | Beam Angle   | 100°      |
| Watts         | 18W           | CRI          | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating    | IP20      |
| Flux          | 1600lm        | Cutting Size | ø65-210mm |



|               |               |              |           |
|---------------|---------------|--------------|-----------|
| Product code  | DL30-A7       | Beam Angle   | 100°      |
| Watts         | 30W           | CRI          | Ra>80     |
| Input Voltage | AC : 175-265V | IP Rating    | IP20      |
| Flux          | 3000lm        | Cutting Size | ø65-310mm |



LED DOWNLIGHT Dimmable  
CCT LED 3000 to 6000K

Remote Control 6324 - NOT INCLUDED



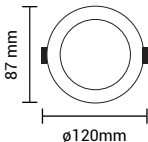
Remote Control



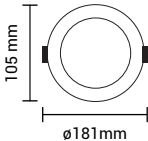
SKU: 6324 3800156663244



|               |               |              |        |
|---------------|---------------|--------------|--------|
| Product code  | CB12-A2       | Beam Angle   | 120°   |
| Watts         | 12W           | CRI          | Ra>80  |
| Input Voltage | AC : 175-265V | IP Rating    | IP50   |
| Flux          | 750lm         | Cutting Size | ø100mm |



|               |               |              |        |
|---------------|---------------|--------------|--------|
| Product code  | CB20-A2       | Beam Angle   | 120°   |
| Watts         | 20W           | CRI          | Ra>80  |
| Input Voltage | AC : 175-265V | IP Rating    | IP50   |
| Flux          | 1400lm        | Cutting Size | ø160mm |







## LED DOWNLIGHTS

LED downlights offer a wide variety of applications, from home use as additional lights, to main or accent lighting. Applicable in homes, offices and stores.

### Features:

- Up to 80% power saving
- Different sizes to fit old installations or new lighting projects
- Variety of IP ratings
- Fixed or rotatable
- Fire-rated models
- Build-in or surface installation

### Application:

- Home or office use
- Accent lights for shops or stores
- Suitable for suspended ceilings



### LED COB Downlight 5W Adjustable



Lumens



50°



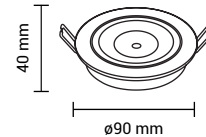
EMC Driver



IP20

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB5-A1        | CRI          | Ra>80 |
| Watts         | 5W            | IP Rating    | IP20  |
| Input Voltage | AC : 100-240V | Cutting Size | ø80   |
| Flux          | 375lm         | Body Color   | White |
| Beam Angle    | 50°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3264 | White Light   | 6000K | 3800156632646 |
| SKU: 3265 | Neutral White | 4500K | 3800156632653 |
| SKU: 3266 | Warm White    | 2700K | 3800156632660 |



### LED COB Downlight 7W Adjustable



Lumens



50°



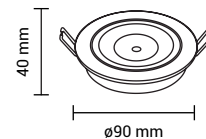
EMC Driver



IP20

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB7-A1        | CRI          | Ra>80 |
| Watts         | 7W            | IP Rating    | IP20  |
| Input Voltage | AC : 100-240V | Cutting Size | ø80   |
| Flux          | 525lm         | Body Color   | White |
| Beam Angle    | 50°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3284 | White Light   | 6000K | 3800156632844 |
| SKU: 3285 | Neutral White | 4500K | 3800156632851 |
| SKU: 3286 | Warm White    | 2700K | 3800156632868 |



### LED COB Downlight 10W Adjustable



Lumens



50°



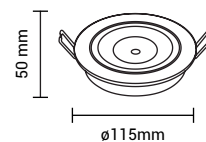
EMC Driver



IP20

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB10-A1       | CRI          | Ra>80 |
| Watts         | 10W           | IP Rating    | IP20  |
| Input Voltage | AC : 100-240V | Cutting Size | ø105  |
| Flux          | 750lm         | Body Color   | White |
| Beam Angle    | 50°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3290 | White Light   | 6000K | 3800156632905 |
| SKU: 3291 | Neutral White | 4500K | 3800156632912 |
| SKU: 3292 | Warm White    | 2700K | 3800156632929 |



### LED COB Downlight 5W Adjustable



Lumens



50°



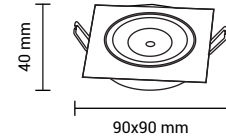
EMC Driver



IP20

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB5-A1        | CRI          | Ra>80 |
| Watts         | 5W            | IP Rating    | IP20  |
| Input Voltage | AC : 100-240V | Cutting Size | ø80   |
| Flux          | 375lm         | Body Color   | White |
| Beam Angle    | 50°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3267 | White Light   | 6000K | 3800156632677 |
| SKU: 3268 | Neutral White | 4500K | 3800156632684 |
| SKU: 3269 | Warm White    | 2700K | 3800156632691 |



### LED COB Downlight 7W Adjustable



Lumens



50°



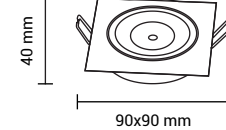
EMC Driver



IP20

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB7-A1        | CRI          | Ra>80 |
| Watts         | 7W            | IP Rating    | IP20  |
| Input Voltage | AC : 100-240V | Cutting Size | ø80   |
| Flux          | 525lm         | Body Color   | White |
| Beam Angle    | 50°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3287 | White Light   | 6000K | 3800156632875 |
| SKU: 3288 | Neutral White | 4500K | 3800156632882 |
| SKU: 3289 | Warm White    | 2700K | 3800156632899 |



### LED COB Downlight 10W Adjustable



Lumens



50°



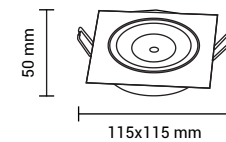
EMC Driver



IP20

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB10-A1       | CRI          | Ra>80 |
| Watts         | 10W           | IP Rating    | IP20  |
| Input Voltage | AC : 100-240V | Cutting Size | ø105  |
| Flux          | 750lm         | Body Color   | White |
| Beam Angle    | 50°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3293 | White Light   | 6000K | 3800156632936 |
| SKU: 3294 | Neutral White | 4500K | 3800156632943 |
| SKU: 3295 | Warm White    | 2700K | 3800156632950 |



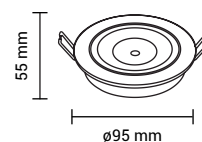
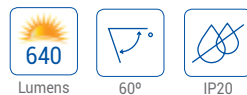




### LED COB Downlight 8W Adjustable

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB8-A1        | CRI          | Ra>80 |
| Watts         | 8W            | IP Rating    | IP20  |
| Input Voltage | AC : 220-265V | Cutting Size | ø80   |
| Flux          | 640lm         | Body Color   | White |
| Beam Angle    | 60°           | Dimmable     | NO    |

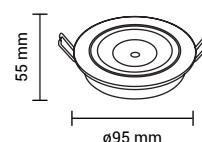
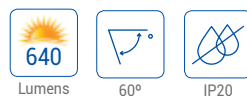
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3201 | White Light   | 6000K | 3800156632011 |
| SKU: 3206 | Neutral White | 4500K | 3800156632066 |
| SKU: 3202 | Warm White    | 2700K | 3800156632028 |



### LED COB Downlight 8W Adjustable

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB8-A1        | CRI          | Ra>80 |
| Watts         | 8W            | IP Rating    | IP20  |
| Input Voltage | AC : 220-265V | Cutting Size | ø80   |
| Flux          | 640lm         | Body Color   | Inox  |
| Beam Angle    | 60°           | Dimmable     | NO    |

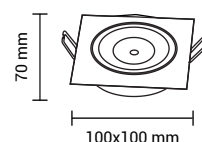
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3203 | White Light   | 6000K | 3800156632035 |
| SKU: 3205 | Neutral White | 4500K | 3800156632059 |
| SKU: 3204 | Warm White    | 2700K | 3800156632042 |



### LED COB Downlight 8W Adjustable

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB8-A1        | CRI          | Ra>80 |
| Watts         | 8W            | IP Rating    | IP20  |
| Input Voltage | AC : 220-265V | Cutting Size | ø80   |
| Flux          | 640lm         | Body Color   | White |
| Beam Angle    | 60°           | Dimmable     | NO    |

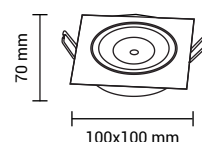
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3207 | White Light   | 6000K | 3800156632073 |
| SKU: 3222 | Neutral White | 4500K | 3800156632226 |
| SKU: 3212 | Warm White    | 2700K | 3800156632127 |



### LED COB Downlight 8W Adjustable

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB8-A1        | CRI          | Ra>80 |
| Watts         | 8W            | IP Rating    | IP20  |
| Input Voltage | AC : 220-265V | Cutting Size | ø80   |
| Flux          | 640lm         | Body Color   | Inox  |
| Beam Angle    | 60°           | Dimmable     | NO    |

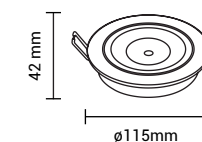
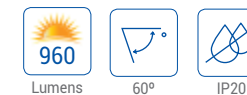
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3223 | White Light   | 6000K | 3800156632233 |
| SKU: 3224 | Neutral White | 4500K | 3800156632240 |
| SKU: 3225 | Warm White    | 2700K | 3800156632257 |



### LED COB Downlight 12W Adjustable

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB12-A1       | CRI          | Ra>80 |
| Watts         | 12W           | IP Rating    | IP20  |
| Input Voltage | AC : 200-265V | Cutting Size | ø105  |
| Flux          | 960lm         | Body Color   | White |
| Beam Angle    | 60°           | Dimmable     | NO    |

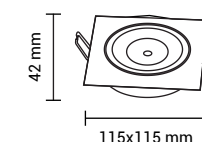
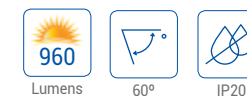
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3251 | White Light   | 6000K | 3800156632516 |
| SKU: 3252 | Neutral White | 4500K | 3800156632523 |
| SKU: 3253 | Warm White    | 2700K | 3800156632530 |



### LED COB Downlight 12W Adjustable

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB12-A1       | CRI          | Ra>80 |
| Watts         | 12W           | IP Rating    | IP20  |
| Input Voltage | AC : 220-265V | Cutting Size | ø105  |
| Flux          | 960lm         | Body Color   | Inox  |
| Beam Angle    | 60°           | Dimmable     | NO    |

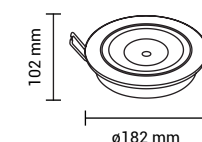
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3254 | White Light   | 6000K | 3800156632547 |
| SKU: 3255 | Neutral White | 4500K | 3800156632554 |
| SKU: 3256 | Warm White    | 2700K | 3800156632561 |



### LED COB Downlight 25W Adjustable

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB25-A1       | CRI          | Ra>80 |
| Watts         | 25W           | IP Rating    | IP20  |
| Input Voltage | AC : 220-240V | Cutting Size | ø160  |
| Flux          | 2200lm        | Body Color   | White |
| Beam Angle    | 60°           | Dimmable     | NO    |

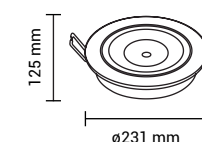
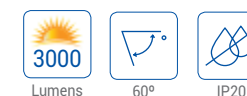
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3241 | White Light   | 6000K | 3800156632417 |
| SKU: 3242 | Neutral White | 4500K | 3800156632424 |



### LED COB Downlight 35W Adjustable

|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB35-A1       | CRI          | Ra>80 |
| Watts         | 35W           | IP Rating    | IP20  |
| Input Voltage | AC : 220-240V | Cutting Size | ø210  |
| Flux          | 3000lm        | Body Color   | Inox  |
| Beam Angle    | 60°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3243 | White Light   | 6000K | 3800156632431 |
| SKU: 3244 | Neutral White | 4500K | 3800156632448 |



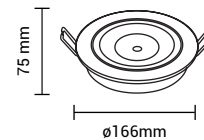


### LED COB Downlight 15W - TÜV



|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB15-A2       | CRI          | Ra>80 |
| Watts         | 15W           | IP Rating    | IP20  |
| Input Voltage | AC : 180-265V | Cutting Size | ø155  |
| Flux          | 1200lm        | Body Color   | White |
| Beam Angle    | 145°          | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3270 | White Light   | 6000K | 3800156632707 |
| SKU: 3271 | Neutral White | 4500K | 3800156632714 |
| SKU: 3272 | Warm White    | 2700K | 3800156632721 |

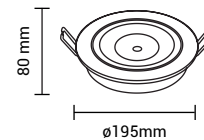


### LED COB Downlight 20W - TÜV



|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB20-A2       | CRI          | Ra>80 |
| Watts         | 20W           | IP Rating    | IP20  |
| Input Voltage | AC : 180-265V | Cutting Size | ø165  |
| Flux          | 1600lm        | Body Color   | White |
| Beam Angle    | 145°          | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3273 | White Light   | 6000K | 3800156632738 |
| SKU: 3274 | Neutral White | 4500K | 3800156632745 |
| SKU: 3275 | Warm White    | 2700K | 3800156632752 |

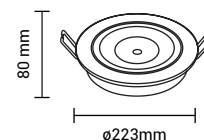


### LED COB Downlight 30W - TÜV



|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB30-A2       | CRI          | Ra>80 |
| Watts         | 30W           | IP Rating    | IP20  |
| Input Voltage | AC : 180-265V | Cutting Size | ø195  |
| Flux          | 2500lm        | Body Color   | White |
| Beam Angle    | 145°          | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3276 | White Light   | 6000K | 3800156632769 |
| SKU: 3277 | Neutral White | 4500K | 3800156632776 |
| SKU: 3278 | Warm White    | 2700K | 3800156632783 |

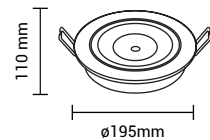


### LED COB Downlight 40W - TÜV



|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB40-A2       | CRI          | Ra>80 |
| Watts         | 40W           | IP Rating    | IP20  |
| Input Voltage | AC : 200-265V | Cutting Size | ø175  |
| Flux          | 4000lm        | Body Color   | White |
| Beam Angle    | 60°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3260 | White Light   | 6000K | 3800156632608 |
| SKU: 3261 | Neutral White | 4500K | 3800156632615 |

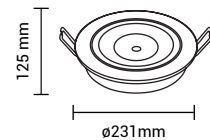


### LED COB Downlight 60W - TÜV



|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | CB60-A1       | CRI          | Ra>80 |
| Watts         | 60W           | IP Rating    | IP20  |
| Input Voltage | AC : 200-265V | Cutting Size | ø205  |
| Flux          | 5600lm        | Body Color   | White |
| Beam Angle    | 60°           | Dimmable     | NO    |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 3262 | White Light   | 6000K | 3800156632622 |
| SKU: 3263 | Neutral White | 4500K | 3800156632639 |





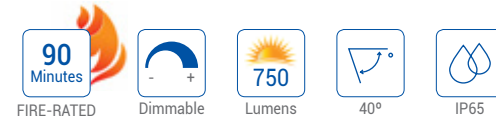
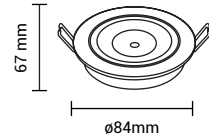
### LED SMD FIRE-RATED PF>0.9 10W - CCT 3000K to 6000K

|               |               |              |          |
|---------------|---------------|--------------|----------|
| Product code  | OT10-A1       | CRI          | Ra>80    |
| Watts         | 10W           | IP Rating    | IP65     |
| Input Voltage | AC : 200-240V | Cutting Size | ø60      |
| Flux          | 750lm         | Dimension    | ø84x67mm |
| Beam Angle    | 40°           | Dimmable     | YES      |

SKU: 5044 6000K 4500K 3000K 3800156650435



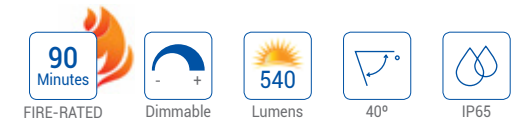
CCT Knob



### LED SMD FIRE-RATED PF>0.9 6W - Replaceable covers

|               |               |              |          |
|---------------|---------------|--------------|----------|
| Product code  | OT6-A2        | CRI          | Ra>80    |
| Watts         | 6W            | IP Rating    | IP65     |
| Input Voltage | AC : 200-265V | Cutting Size | ø60      |
| Flux          | 540lm         | Dimension    | ø84x67mm |
| Beam Angle    | 40°           | Dimmable     | YES      |

SKU: 5042 Neutral White 4500K 3800156650428  
 SKU: 5041 Warm White 3000K 3800156650411



Magnetic replaceable covers



MAGNETIC CHROME BEZEL FOR 5044

### BEZELS FOR LED FIRE-RATED DOWNLIGHT Magnetic

|           |        |               |               |
|-----------|--------|---------------|---------------|
| SKU: 5045 | OT1-A8 | CHROME BEZEL  | 3800156650435 |
| SKU: 5046 | OT1-A8 | BRUSHED BEZEL | 3800156650435 |



SKU: 5045



SKU: 5046

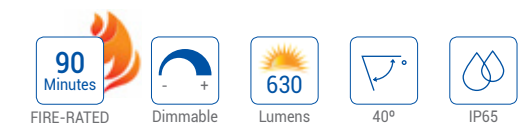


CCT Knob

### LED SMD FIRE-RATED PF>0.9 8W - CCT 3000K to 6000K

|               |               |              |          |
|---------------|---------------|--------------|----------|
| Product code  | OT8-A1        | CRI          | Ra>80    |
| Watts         | 8W            | IP Rating    | IP65     |
| Input Voltage | AC : 175-265V | Cutting Size | ø65      |
| Flux          | 570-630lm     | Dimension    | ø80x80mm |
| Beam Angle    | 40°           | Dimmable     | YES      |

SKU: 5043 6000K 4500K 3000K 3800156650435



Magnetic replaceable covers





LED Strips are a flexible solution for wide variety of lighting applications, both for indoor and outdoor projects, allowing for variable shapes and abstract forms. Functioning as a core or supplementary lighting, LED strips become a common choice of lighting professionals.

**Features:**

- Up to 80% power saving
- Flexible and reliable
- Wide choice of colour – single colour light to RGB
- Variety of IP ratings
- Options for dimming and control

**Application:**

- Indoor and outdoor lighting projects
- Applicable for abstract forms and shapes
- Hidden or ambient light

## LED STRIPS AND ACCESSORIES



LED Strip 12V 2835 60 LEDs  
4.8W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST2835-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB |
| Power/Meter  | 4.8W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 300lm/m   | Width      | 8mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4702 | White Light   | 6000K | 3800156647022 |
| SKU: 4700 | Neutral White | 4000K | 3800156647008 |
| SKU: 4703 | Warm White    | 2700K | 3800156647039 |



LED Strip 12V 2835 60 LEDs  
4.8W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST2835-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB |
| Power/Meter  | 4.8W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 300lm/m   | Width      | 8mm      |

|           |       |               |
|-----------|-------|---------------|
| SKU: 4704 | RED   | 3800156647046 |
| SKU: 4705 | GREEN | 3800156647053 |
| SKU: 4706 | BLUE  | 3800156647060 |



LED Strip 12V 2835 120 LEDs  
9.6W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A1 | LED Qty    | 120 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 9.6W/m    | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP20      |
| Flux/Meter   | 600lm/m   | Width      | 8mm       |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4710 | White Light   | 6000K | 3800156647107 |
| SKU: 4740 | Neutral White | 4000K | 3800156647404 |
| SKU: 4711 | Warm White    | 2700K | 3800156647114 |



LED Strip 12V 2835 204 LEDs  
16.5W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A1 | LED Qty    | 204 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 16.5W/m   | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP20      |
| Flux/Meter   | 1700lm/m  | Width      | 10mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4761 | White Light   | 6000K | 3800156647619 |
| SKU: 4762 | Neutral White | 4000K | 3800156647626 |
| SKU: 4763 | Warm White    | 2700K | 3800156647633 |



LED Strip 12V 5050 60 LEDs  
14.4W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 1000lm/m  | Width      | 12mm     |

|           |                 |               |
|-----------|-----------------|---------------|
| SKU: 4313 | RGB+White Light | 3800156643130 |
|-----------|-----------------|---------------|



LED Strip 12V 5050 60 LEDs  
14.4W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 1000lm/m  | Width      | 12mm     |

|           |                |               |
|-----------|----------------|---------------|
| SKU: 4314 | RGB+Warm White | 3800156643147 |
|-----------|----------------|---------------|



**LED Strip 12V 2835 60 LEDs**  
**4.8W/m - Waterproof**

5m-Roll



IP54

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST2835-A2 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB |
| Power/Meter  | 4.8W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP54     |
| Flux/Meter   | 300lm/m   | Width      | 8mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4732 | White Light   | 6000K | 3800156647329 |
| SKU: 4731 | Neutral White | 4000K | 3800156647312 |
| SKU: 4733 | Warm White    | 2700K | 3800156647336 |

**LED Strip 12V 2835 60 LEDs**  
**4.8W/m - Waterproof**

5m-Roll



IP54

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST2835-A2 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB |
| Power/Meter  | 4.8W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP54     |
| Flux/Meter   | 300lm/m   | Width      | 8mm      |

|           |       |               |
|-----------|-------|---------------|
| SKU: 4734 | RED   | 3800156647343 |
| SKU: 4735 | GREEN | 3800156647350 |
| SKU: 4736 | BLUE  | 3800156647367 |

**LED Strip 12V 2835 120 LEDs**  
**9.6W/m - Waterproof**

5m-Roll



IP54

|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A2 | LED Qty    | 120 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 9.6W/m    | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP54      |
| Flux/Meter   | 600lm/m   | Width      | 8mm       |

|           |             |       |               |
|-----------|-------------|-------|---------------|
| SKU: 4720 | White Light | 6000K | 3800156647206 |
| SKU: 4721 | Warm White  | 2700K | 3800156647213 |

**LED Strip 12V 5050 30 LEDs**  
**7.2W/m - Non Waterproof**

5m-Roll



IP20

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A1 | LED Qty    | 30 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 7.2W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 500lm/m   | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4801 | White Light   | 6000K | 3800156648012 |
| SKU: 4800 | Neutral White | 4000K | 3800156648005 |
| SKU: 4802 | Warm White    | 2700K | 3800156648029 |

**LED Strip 12V 5050 60 LEDs**  
**14.4W/m - Non Waterproof**

5m-Roll



IP20

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 1000lm/m  | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4807 | White Light   | 6000K | 3800156648074 |
| SKU: 4827 | Neutral White | 4000K | 3800156648272 |
| SKU: 4808 | Warm White    | 2700K | 3800156648081 |

**LED Strip 12V 5050 60 LEDs**  
**14.4W/m - Non Waterproof**

5m-Roll



IP20

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 1000lm/m  | Width      | 10mm     |

|           |      |               |
|-----------|------|---------------|
| SKU: 4823 | RED  | 3800156648234 |
| SKU: 4825 | BLUE | 3800156648258 |





### LED Strip 12V 5050 30 LEDs 7.2W/m - Waterproof



5m-Roll



IP54

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A2 | LED Qty    | 30 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 7.2W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP54     |
| Flux/Meter   | 500lm/m   | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4809 | White Light   | 6000K | 3800156648098 |
| SKU: 4811 | Neutral White | 4000K | 3800156648111 |
| SKU: 4810 | Warm White    | 2700K | 3800156648104 |



### LED Strip 12V 5050 60 LEDs 14.4W/m - Waterproof



5m-Roll



IP54

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A2 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP54     |
| Flux/Meter   | 1000lm/m  | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4839 | White Light   | 6000K | 3800156648395 |
| SKU: 4841 | Neutral White | 4000K | 3800156648418 |
| SKU: 4840 | Warm White    | 2700K | 3800156648401 |



### LED Strip 12V 5050 30 LEDs 7.2W/m



RGB



5m-Roll

|              |           |            |             |
|--------------|-----------|------------|-------------|
| Product code | ST5050-A1 | LED Qty    | 30 SMD/m    |
| Type LED     | SMD 5050  | Material   | Flex PCB    |
| Power/Meter  | 7.2W/m    | Beam Angle | 120°        |
| Voltage      | DC: 12V   | IP Rating  | IP20 ; IP54 |
| Flux/Meter   | 500lm/m   | Width      | 10mm        |

|           |     |               |      |
|-----------|-----|---------------|------|
| SKU: 4311 | RGB | 3800156643116 | IP20 |
| SKU: 4315 | RGB | 3800156643154 | IP54 |



### LED Strip 12V 5050 60 LEDs 14.4W/m



RGB



5m-Roll

|              |           |            |             |
|--------------|-----------|------------|-------------|
| Product code | ST5050-A1 | LED Qty    | 60 SMD/m    |
| Type LED     | SMD 5050  | Material   | Flex PCB    |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°        |
| Voltage      | DC: 12V   | IP Rating  | IP20 ; IP54 |
| Flux/Meter   | 1000lm/m  | Width      | 10mm        |

|           |     |               |      |
|-----------|-----|---------------|------|
| SKU: 4312 | RGB | 3800156643123 | IP20 |
| SKU: 4316 | RGB | 3800156643161 | IP54 |



### LED Strip 24V 5050 60 LEDs 14.4W/m



RGB



5m-Roll

|              |           |            |             |
|--------------|-----------|------------|-------------|
| Product code | ST5050-A1 | LED Qty    | 60 SMD/m    |
| Type LED     | SMD 5050  | Material   | Flex PCB    |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°        |
| Voltage      | DC: 24V   | IP Rating  | IP20 ; IP54 |
| Flux/Meter   | 1000lm/m  | Width      | 10mm        |

|           |     |               |      |
|-----------|-----|---------------|------|
| SKU: 4861 | RGB | 3800156648616 | IP20 |
| SKU: 4862 | RGB | 3800156648623 | IP54 |





NEW



### LED Strip 12V 4040 60 LEDs 7.2W/m - Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST4040-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 4040  | Material   | Flex PCB |
| Power/Meter  | 7.2W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP54     |
| Flux/Meter   | 500lm/m   | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4921 | White Light   | 6000K | 3800156649217 |
| SKU: 4922 | Neutral White | 4000K | 3800156649224 |
| SKU: 4923 | Warm White    | 2700K | 3800156649231 |



### LED Strip 12V 3014 120 LEDs 12W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST3014-A1 | LED Qty    | 120 SMD/m |
| Type LED     | SMD 3014  | Material   | Flex PCB  |
| Power/Meter  | 12W/m     | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP20      |
| Flux/Meter   | 1700lm/m  | Width      | 8mm       |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4901 | White Light   | 6000K | 3800156649019 |
| SKU: 4903 | Neutral White | 4000K | 3800156649033 |
| SKU: 4902 | Warm White    | 2700K | 3800156649026 |



### LED Strip 12V 5630 60 LEDs 12W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5630-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5630  | Material   | Flex PCB |
| Power/Meter  | 12W/m     | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 1000lm/m  | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4911 | White Light   | 6000K | 3800156649118 |
| SKU: 4913 | Neutral White | 4000K | 3800156649132 |
| SKU: 4912 | Warm White    | 2700K | 3800156649125 |



### LED Strip 24V 2835 120 LEDs 9.6W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A3 | LED Qty    | 120 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 9.6W/m    | Beam Angle | 120°      |
| Voltage      | DC: 24V   | IP Rating  | IP20      |
| Flux/Meter   | 1200lm/m  | Width      | 10mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4856 | White Light   | 6000K | 3800156648562 |
| SKU: 4857 | Neutral White | 4000K | 3800156648579 |
| SKU: 4858 | Warm White    | 2700K | 3800156648586 |



### LED Strip 24V 5050 60 LEDs 14.4W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A3 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP20     |
| Flux/Meter   | 600lm/m   | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4851 | White Light   | 6000K | 3800156648517 |
| SKU: 4850 | Neutral White | 4000K | 3800156648500 |
| SKU: 4852 | Warm White    | 2700K | 3800156648524 |



### LED Strip 24V 5050 60 LEDs 14.4W/m - Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A4 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 14.4W/m   | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP54     |
| Flux/Meter   | 600lm/m   | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4853 | White Light   | 6000K | 3800156648531 |
| SKU: 4854 | Neutral White | 4000K | 3800156648548 |
| SKU: 4855 | Warm White    | 2700K | 3800156648555 |





### LED Strip 12V 3014 204 LEDs 18W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST3014-A1 | LED Qty    | 204 SMD/m |
| Type LED     | SMD 3014  | Material   | Flex PCB  |
| Power/Meter  | 18W/m     | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP20      |
| Flux/Meter   | 1700lm/m  | Width      | 10mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4931 | White Light   | 6000K | 3800156649316 |
| SKU: 4932 | Neutral White | 4000K | 3800156649323 |
| SKU: 4933 | Warm White    | 2700K | 3800156649330 |



### LED Strip 12V 2835 240 LEDs 18W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A7 | LED Qty    | 240 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 12W/m     | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP20      |
| Flux/Meter   | 3000lm/m  | Width      | 10mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4934 | White Light   | 6000K | 3800156649347 |
| SKU: 4935 | Neutral White | 4000K | 3800156649354 |
| SKU: 4936 | Warm White    | 2700K | 3800156649361 |



### LED Strip 12V 5730 120 LEDs 12W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST5730-A7 | LED Qty    | 120 SMD/m |
| Type LED     | SMD 5730  | Material   | Flex PCB  |
| Power/Meter  | 18W/m     | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP20      |
| Flux/Meter   | 3000lm/m  | Width      | 10mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4937 | White Light   | 6000K | 3800156649378 |
| SKU: 4938 | Neutral White | 4000K | 3800156649385 |
| SKU: 4939 | Warm White    | 2700K | 3800156649392 |



### LED Strip 24V 2835 196 LEDs 20W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A4 | LED Qty    | 196 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 20W/m     | Beam Angle | 120°      |
| Voltage      | DC: 24V   | IP Rating  | IP20      |
| Flux/Meter   | 2100lm/m  | Width      | 12mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4421 | White Light   | 6000K | 3800156644212 |
| SKU: 4422 | Neutral White | 4000K | 3800156644229 |
| SKU: 4423 | Warm White    | 2700K | 3800156644236 |



### LED Strip 24V 2835 196 LEDs 20W/m - Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A5 | LED Qty    | 196 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 20W/m     | Beam Angle | 120°      |
| Voltage      | DC: 24V   | IP Rating  | IP65      |
| Flux/Meter   | 2100lm/m  | Width      | 12mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4451 | White Light   | 6000K | 3800156644519 |
| SKU: 4452 | Neutral White | 4000K | 3800156644526 |
| SKU: 4453 | Warm White    | 2700K | 3800156644533 |



### LED Strip 24V 5054 60 LEDs 16W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5054-A1 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5054  | Material   | Flex PCB |
| Power/Meter  | 16W/m     | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP20     |
| Flux/Meter   | 1100lm/m  | Width      | 12mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4431 | White Light   | 6000K | 3800156644311 |
| SKU: 4432 | Neutral White | 4200K | 3800156644328 |
| SKU: 4433 | Warm White    | 2700K | 3800156644335 |







### LED Strip 24V 5054 60 LEDs 16W/m - Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5054-A4 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5054  | Material   | Flex PCB |
| Power/Meter  | 16W/m     | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP65     |
| Flux/Meter   | 1100lm/m  | Width      | 10mm     |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4461 | White Light   | 6000K | 3800156644618 |
| SKU: 4462 | Neutral White | 4200K | 3800156644625 |
| SKU: 4463 | Warm White    | 2700K | 3800156644632 |



### LED Strip 24V 5025 60 LEDs 16W/m - CCT Adjustable Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5025-A4 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5025  | Material   | Flex PCB |
| Power/Meter  | 16W/m     | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP20     |
| Flux/Meter   | 1200lm/m  | Width      | 10mm     |

|           |       |       |               |
|-----------|-------|-------|---------------|
| CCT       |       |       |               |
| SKU: 4441 | 6000K | 4000K | 3000K         |
|           |       |       | 3800156644410 |



### LED Strip 24V 5025 60 LEDs 16W/m - CCT Adjustable Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5025-A4 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5025  | Material   | Flex PCB |
| Power/Meter  | 16W/m     | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP65     |
| Flux/Meter   | 1200lm/m  | Width      | 10mm     |

|           |       |       |               |
|-----------|-------|-------|---------------|
| CCT       |       |       |               |
| SKU: 4471 | 6000K | 4000K | 3000K         |
|           |       |       | 3800156644717 |



### LED Strip 12V 2835 196 LEDs 20W/m - Non Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A5 | LED Qty    | 196 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 20W/m     | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP20      |
| Flux/Meter   | 2100lm/m  | Width      | 12mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4424 | White Light   | 6000K | 3800156644243 |
| SKU: 4425 | Neutral White | 4200K | 3800156644250 |
| SKU: 4426 | Warm White    | 2700K | 3800156644267 |



### LED Strip 12V 2835 196 LEDs 20W/m - Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | ST2835-A6 | LED Qty    | 196 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB  |
| Power/Meter  | 20W/m     | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP65      |
| Flux/Meter   | 2100lm/m  | Width      | 12mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4454 | White Light   | 6000K | 3800156644540 |
| SKU: 4455 | Neutral White | 4200K | 3800156644557 |
| SKU: 4456 | Warm White    | 2700K | 3800156644564 |







### LED Strip 12V 5050 60 LEDs 16W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A7 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 16W/m     | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 1600lm/m  | Width      | 12mm     |



SKU: 4485 RGB+White Light 3800156644854

SKU: 4486 RGB+Warm White 3800156644861



### LED Strip 12V 5050 60 LEDs 16W/m - Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A8 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 16W/m     | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP65     |
| Flux/Meter   | 1600lm/m  | Width      | 12mm     |



SKU: 4487 RGB+White Light 3800156644878

SKU: 4488 RGB+Warm White 3800156644885



### LED Strip 24V 5050 60 LEDs 16W/m - Non Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A5 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 16W/m     | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP20     |
| Flux/Meter   | 1600lm/m  | Width      | 10mm     |



SKU: 4481 RGB+White Light 3800156644816

SKU: 4482 RGB+Warm White 3800156644823



### LED Strip 24V 5050 60 LEDs 16W/m Waterproof



|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A6 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 16W/m     | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP65     |
| Flux/Meter   | 1600lm/m  | Width      | 10mm     |



SKU: 4483 RGB+White Light 3800156644830

SKU: 4484 RGB+Warm White 3800156644847



### LED Strip 24V 5050 60 LEDs 9.5W/m - Non Waterproof

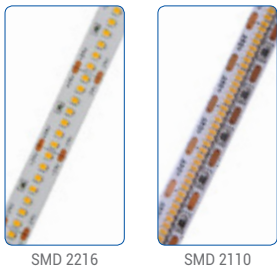


|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | ST5050-A9 | LED Qty    | 30 SMD/m |
| Type LED     | SMD 5050  | Material   | Flex PCB |
| Power/Meter  | 9.5W/m    | Beam Angle | 120°     |
| Voltage      | DC: 24V   | IP Rating  | IP20     |
| Flux/Meter   | 950lm/m   | Width      | 10mm     |



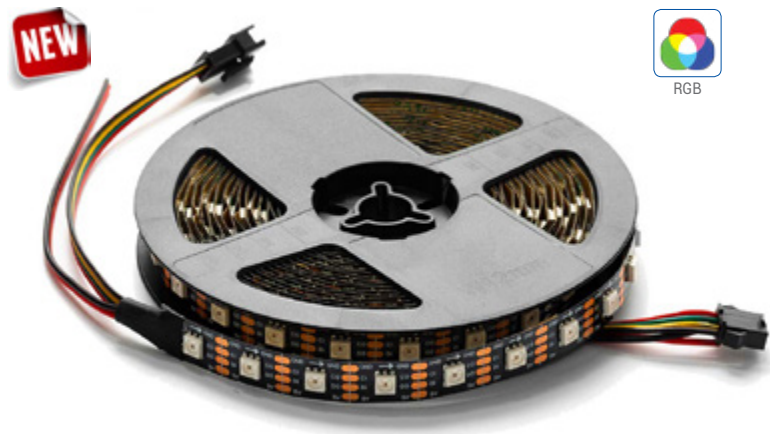
SKU: 4480 RGB + CCT 3800156644809





LED Strip 24V HIGH POWER  
SMD2216 ; SMD2110

|  |  |                                                                                                                                               |                                                                                                                              |              |             |          |                                          |
|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|----------|------------------------------------------|
|  |  | <b>Product code</b> ST2216-A1<br><b>Type LED</b> SMD 2216<br><b>Power/Meter</b> 22W/m<br><b>Voltage</b> DC: 24V<br><b>Flux/Meter</b> 1900lm/m | <b>LED Qty</b> 240 SMD/m<br><b>Material</b> Flex PCB<br><b>Beam Angle</b> 120°<br><b>IP Rating</b> IP20<br><b>Width</b> 10mm | <br>Warranty | <br>5m-Roll | <br>IP20 | SKU: 4403 Warm White 3000K 3800156644038 |
|  |  | <b>Product code</b> ST2216-A1<br><b>Type LED</b> SMD 2216<br><b>Power/Meter</b> 24W/m<br><b>Voltage</b> DC: 24V<br><b>Flux/Meter</b> 2200lm/m | <b>LED Qty</b> 300 SMD/m<br><b>Material</b> Flex PCB<br><b>Beam Angle</b> 120°<br><b>IP Rating</b> IP20<br><b>Width</b> 10mm | <br>Warranty | <br>5m-Roll | <br>IP20 | SKU: 4404 Warm White 3000K 3800156644045 |
|  |  | <b>Product code</b> ST2110-A1<br><b>Type LED</b> SMD 2110<br><b>Power/Meter</b> 32W/m<br><b>Voltage</b> DC: 24V<br><b>Flux/Meter</b> 2500lm/m | <b>LED Qty</b> 560 SMD/m<br><b>Material</b> Flex PCB<br><b>Beam Angle</b> 120°<br><b>IP Rating</b> IP20<br><b>Width</b> 12mm | <br>Warranty | <br>5m-Roll | <br>IP20 | SKU: 4405 Warm White 3000K 3800156644052 |
|  |  | <b>Product code</b> ST2110-A1<br><b>Type LED</b> SMD 2110<br><b>Power/Meter</b> 38W/m<br><b>Voltage</b> DC: 24V<br><b>Flux/Meter</b> 3400lm/m | <b>LED Qty</b> 700 SMD/m<br><b>Material</b> Flex PCB<br><b>Beam Angle</b> 120°<br><b>IP Rating</b> IP20<br><b>Width</b> 12mm | <br>Warranty | <br>5m-Roll | <br>IP20 | SKU: 4406 Warm White 3000K 3800156644069 |



LED Digital Strip  
Addressable

|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                |                                                                                                                                                |                                                                                                                                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Product code</b> ST10-A1<br><b>Type LED</b> WS2811 10 Pixels<br><b>Power/Meter</b> 7W/m<br><b>Voltage</b> DC: 12V<br><b>Flux/Meter</b> 550lm/m<br><b>LED Qty</b> 30 SMD/m<br><b>Material</b> Flex PCB<br><b>Beam Angle</b> 120°<br><b>IP Rating</b> IP20<br><b>Width</b> 10mm<br><b>EAN Code</b> 3800156644908 | <b>SKU: 4490</b><br>ST10-A1<br>WS2811 10 Pixels<br>7W/m<br>DC: 12V<br>550lm/m<br>30 SMD/m<br>Flex PCB<br>120°<br>IP20<br>10mm<br>3800156644908 | <b>SKU: 4491</b><br>ST30-A1<br>WS2812b 30 Pixels<br>8W/m<br>DC: 5V<br>600lm/m<br>30 SMD/m<br>Flex PCB<br>120°<br>IP20<br>10mm<br>3800156644915 | <b>SKU: 4492</b><br>ST60-A1<br>WS2812b 30 Pixels<br>16W/m<br>DC: 5V<br>1200lm/m<br>60 SMD/m<br>Flex PCB<br>120°<br>IP20<br>10mm<br>3800156644922 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--|

Digital LED Strip Controller  
DC5-24V SD-CARD



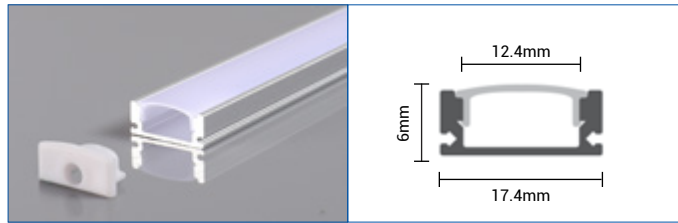
|                   |            |
|-------------------|------------|
| <b>Voltage</b>    | 5V-24V     |
| <b>IP Rating</b>  | IP20       |
| <b>Dimmension</b> | 80x55x20mm |
| <b>SKU: 6331</b>  |            |

Digital LED Strip Controller  
DC5-24V



|                   |            |
|-------------------|------------|
| <b>Voltage</b>    | 5V-24V     |
| <b>IP Rating</b>  | IP20       |
| <b>Dimmension</b> | 80x55x20mm |
| <b>SKU: 6332</b>  |            |



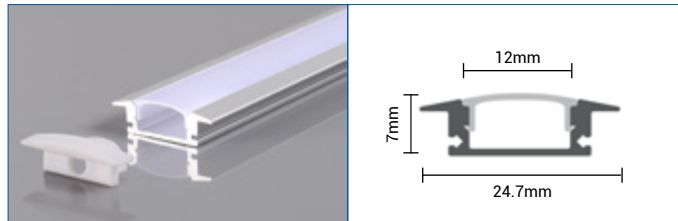


SKU: 5190 Silver - (L=1m) 3800156651906

SKU: 5191 Silver - (L=2m) 3800156651913

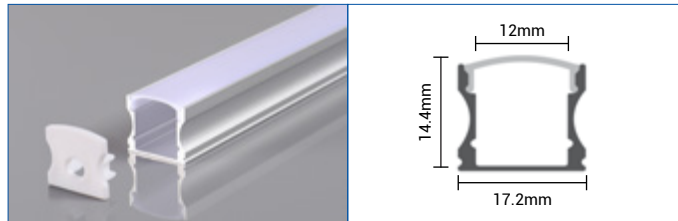
SKU: 5184 Black (L=2m) 3800156651845

SKU: 5185 White (L=2m) 3800156651852

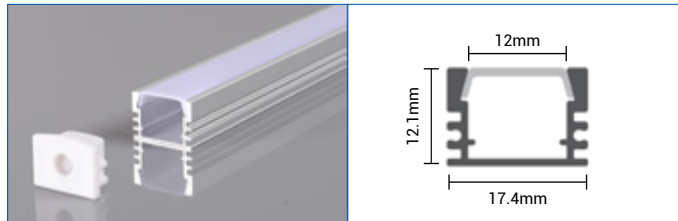


SKU: 5193 Build in - (L=1m) 3800156651937

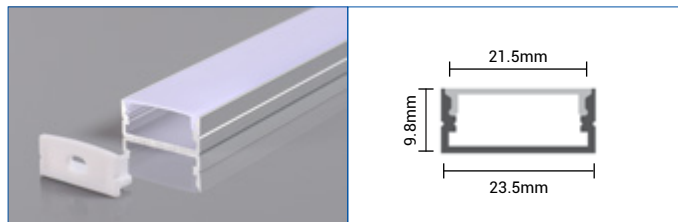
SKU: 5192 Build in - (L=2m) 3800156651920



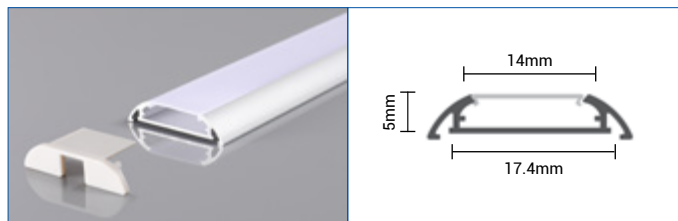
SKU: 5175 12mm - (L=1m) 3800156651753



SKU: 5176 H12.1mm - (L=2m) 3800156651760

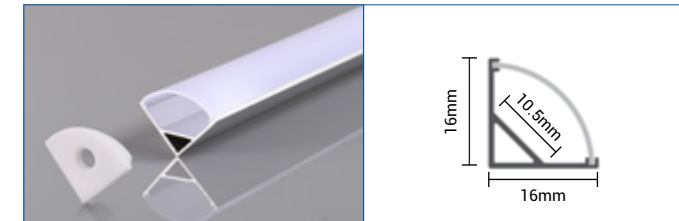


SKU: 5183 24.5mm - (L=2m) 3800156651838

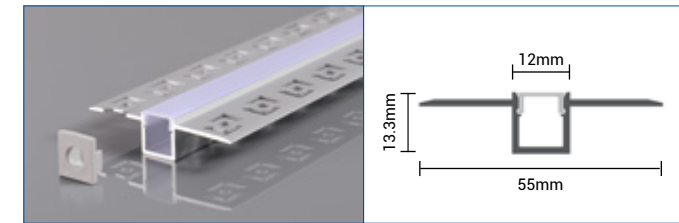


SKU: 5002 Bendable - (L=1m) 3800156650022

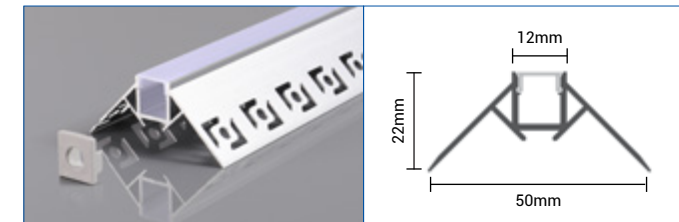
SKU: 5001 Bendable - (L=2m) 3800156650015



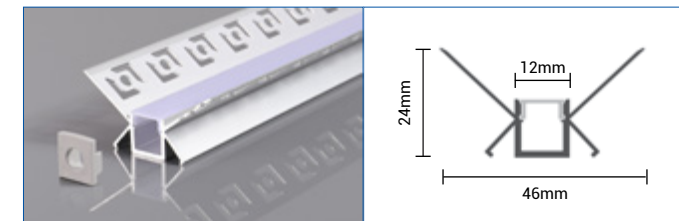
SKU: 5150 Angle - (L=2m) 3800156651500



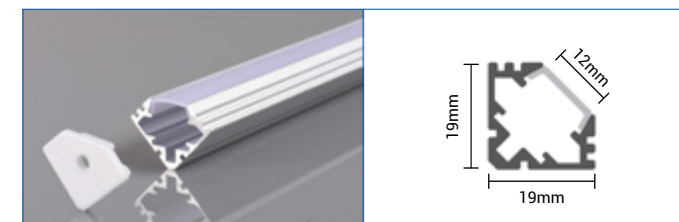
SKU: 5162 Build in - (L=2m) 3800156651623



SKU: 5165 Build in - (L=2m) 3800156651654



SKU: 5166 Build in - (L=2m) 3800156651661



SKU: 5194 Angle - (L=1m) 3800156651944

SKU: 5179 Angle - (L=2m) 3800156651791

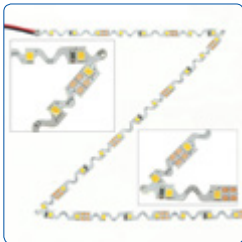
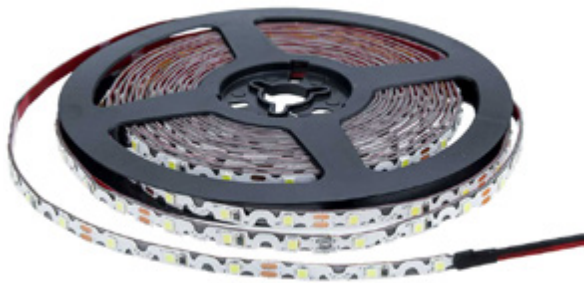




The new range of silicone encapsulated Neon by OPTONICA LED comprises of highly durable and flexible linear LED Solutions - suitable for both indoor and outdoor architectural applications. Designed using high-grade silicone, the neon is:

- Able to withstand wide temperature amplitudes
- Resistant to the build-up of dirt and dust, making it the first to come with a self-cleaning property
- Waterproof and impact resistant
- UV, flame and solvent resistant

**LED STRIPS 220V AND FLEX NEON**

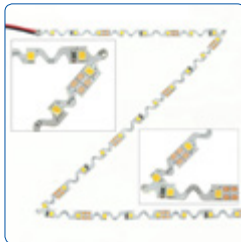


Free Angle Bending

LED Strip S-Type 12V 2835 60 LEDs  
7.2W/m - Non Waterproof

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | M02835-A2 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB |
| Power/Meter  | 7.2W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 720lm/m   | Width      | 6mm      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 4541 | White Light   | 6000K | 3800156645417 |
| SKU: 4546 | Neutral White | 4000K | 3800156645462 |
| SKU: 4542 | Warm White    | 3000K | 3800156645424 |

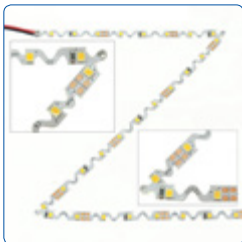
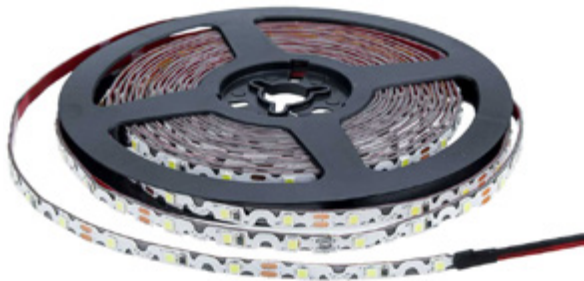


Free Angle Bending

LED Strip S-Type 12V 2835 60 LEDs  
7.2W/m - Waterproof

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | M02835-A2 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB |
| Power/Meter  | 7.2W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP65     |
| Flux/Meter   | 720lm/m   | Width      | 6mm      |

|           |             |       |               |
|-----------|-------------|-------|---------------|
| SKU: 4551 | White Light | 6000K | 3800156645516 |
| SKU: 4552 | Warm White  | 2700K | 3800156645523 |

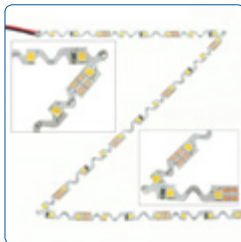


Free Angle Bending

LED Strip S-Type 12V 2835 60 LEDs  
7.2W/m - Non Waterproof

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | M02835-A2 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB |
| Power/Meter  | 7.2W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP20     |
| Flux/Meter   | 720lm/m   | Width      | 6mm      |

|           |       |               |
|-----------|-------|---------------|
| SKU: 4543 | RED   | 3800156645431 |
| SKU: 4545 | GREEN | 3800156645455 |
| SKU: 4544 | BLUE  | 3800156645448 |



Free Angle Bending

LED Strip S-Type 12V 2835 60 LEDs  
7.2W/m - Waterproof

|              |           |            |          |
|--------------|-----------|------------|----------|
| Product code | M02835-A2 | LED Qty    | 60 SMD/m |
| Type LED     | SMD 2835  | Material   | Flex PCB |
| Power/Meter  | 7.2W/m    | Beam Angle | 120°     |
| Voltage      | DC: 12V   | IP Rating  | IP65     |
| Flux/Meter   | 720lm/m   | Width      | 6mm      |

|           |       |               |
|-----------|-------|---------------|
| SKU: 4553 | RED   | 3800156645530 |
| SKU: 4555 | GREEN | 3800156645554 |
| SKU: 4554 | BLUE  | 3800156645547 |





120 pcs



50m-Roll



IP44



LED FLEX NEON 220V -50m Roll  
5730 120 SMD/m

|              |          |            |           |
|--------------|----------|------------|-----------|
| Product code | ST220-A1 | LED Qty    | 120 SMD/m |
| Type LED     | SMD 5730 | Material   | Flex PC   |
| Power/Meter  | 10W/m    | Beam Angle | 120°      |
| Voltage      | AC: 220V | IP Rating  | IP44      |
| Flux/Meter   | 500lm/m  | Dimension  | 13x5 mm   |

|           |             |       |               |
|-----------|-------------|-------|---------------|
| SKU: 4611 | White Light | 6000K | 3800156646117 |
| SKU: 4612 | Warm White  | 2800K | 3800156646124 |

2835/5730 INPUT CABLE + CONNECTOR+PLUG



SKU: 6631

2835/5730 MIDDLE CONNECTOR



SKU: 6633

2835/5730 FIXING



SKU: 6632



120 pcs



50m-Roll



IP44



LED FLEX NEON 220V -50m Roll  
2835 120 SMD/m

|              |           |            |                                 |
|--------------|-----------|------------|---------------------------------|
| Product code | ST5050-A8 | LED Qty    | 120 SMD/m                       |
| Type LED     | SMD 2835  | Material   | Flex PC                         |
| Power/Meter  | 8.5W/m    | Beam Angle | 120°                            |
| Voltage      | AC: 220V  | IP Rating  | IP44                            |
| Flux/Meter   | 500lm/m   | Dimension  | Single 16x10 mm<br>RGB 25x13 mm |

|           |        |               |
|-----------|--------|---------------|
| SKU: 4581 | 6000K  | 3800156645813 |
| SKU: 4580 | 4000K  | 3800156645806 |
| SKU: 4582 | 2800K  | 3800156645820 |
| SKU: 4584 | RED    | 3800156645844 |
| SKU: 4585 | GREEN  | 3800156645851 |
| SKU: 4583 | BLUE   | 3800156645837 |
| SKU: 4587 | YELLOW | 3800156645875 |
| SKU: 4586 | AMBER  | 3800156645868 |
| SKU: 4788 | PINK   | 3800156645882 |
| SKU: 4789 | RGB    | 3800156645899 |

INPUT CABLE + CONNECTOR + PLUG



SKU: 6635

MIDDLE CONNECTOR



SKU: 6634

ALUMINIUM CHANNEL WITH 2 SCREWS



SKU: 6636

END CAP FOR SINGLE COLOUR



SKU: 6637

POWER CABLE+RGB CONTROLLER



SKU: 6638

ALUMINIUM CHANNEL , 5CM RGB



SKU: 6639

END CAP FOR RGB



SKU: 6640





### LENS LED Module 1.6W - 220V 3x2835 SMD - Waterproof



|              |              |            |            |
|--------------|--------------|------------|------------|
| Product code | MO220-A1     | LED Qty    | 3 pcs      |
| Type LED     | SMD 2835     | Material   | PC         |
| Power/Module | 1.6W         | Beam Angle | 160°       |
| Voltage      | AC: 220-265V | IP Rating  | IP67       |
| Flux/Watt    | 91lm/W       | Dimension  | 88x22x11mm |

SKU: 4564 White Light 6500K 3800156645646



Warranty

### LENS LED Module 1W 3x2835 SMD - Waterproof



|              |           |            |         |
|--------------|-----------|------------|---------|
| Product code | MO2835-A1 | LED Qty    | 3 pcs   |
| Type LED     | SMD 2835  | Material   | PC      |
| Power/Module | 1W        | Beam Angle | 160°    |
| Voltage      | DC: 12V   | IP Rating  | IP65    |
| Flux/Watt    | 80lm/W    | Dimension  | 58x12mm |

SKU: 4512 White Light 10000K 3800156645127  
 SKU: 4511 White Light 6500K 3800156645110  
 SKU: 4513 Warm White 3000K 3800156645134  
 SKU: 4514 RED 3800156645141  
 SKU: 4516 GREEN 3800156645165  
 SKU: 4515 BLUE 3800156645158



Warranty

### LENS LED Module 1.5W 3x2835 SMD - Waterproof



|              |           |            |         |
|--------------|-----------|------------|---------|
| Product code | MO2835-A1 | LED Qty    | 3 pcs   |
| Type LED     | SMD 2835  | Material   | PC      |
| Power/Module | 1.5W      | Beam Angle | 160°    |
| Voltage      | DC: 12V   | IP Rating  | IP65    |
| Flux/Watt    | 80lm/W    | Dimension  | 75x15mm |

SKU: 4522 White Light 10000K 3800156645226  
 SKU: 4521 White Light 6500K 3800156645219  
 SKU: 4523 Warm White 3000K 3800156645233  
 SKU: 4524 RED 3800156645240  
 SKU: 4526 GREEN 3800156645264  
 SKU: 4525 BLUE 3800156645257



Warranty



### LED Module 2.4W 4x2835 SMD - Waterproof



|              |           |            |             |
|--------------|-----------|------------|-------------|
| Product code | MO2835-A1 | LED Qty    | 4 pcs       |
| Type LED     | SMD 2835  | Material   | PC          |
| Power/Module | 2.4W      | Beam Angle | 160°        |
| Voltage      | DC: 12V   | IP Rating  | IP65        |
| Flux/Watt    | 85lm/W    | Dimension  | 43x38x6.5mm |

SKU: 4561 White Light 6500K 3800156645615  
 SKU: 4562 Warm White 3000K 3800156645622



Warranty



### LENS LED Module 0.72W 3x5050 SMD - Waterproof



|              |           |            |           |
|--------------|-----------|------------|-----------|
| Product code | MO5050-A1 | LED Qty    | 3 pcs     |
| Type LED     | SMD 5050  | Material   | PC        |
| Power/Module | 0.72W     | Beam Angle | 120°      |
| Voltage      | DC: 12V   | IP Rating  | IP65      |
| Flux/Watt    | 85lm/W    | Dimension  | 70x16x8mm |

SKU: 4563 RGB 3800156645639



Warranty

### LED Module 0.36W 3x3014 SMD - Waterproof



|              |           |            |            |
|--------------|-----------|------------|------------|
| Product code | MO3014-A1 | LED Qty    | 3 pcs      |
| Type LED     | SMD 3014  | Material   | PC         |
| Power/Module | 0.36W     | Beam Angle | 120°       |
| Voltage      | DC: 12V   | IP Rating  | IP65       |
| Flux/Watt    | 85lm/W    | Dimension  | 18x8x2.9mm |

SKU: 4531 White Light 6500K 3800156645318  
 SKU: 4532 Warm White 3000K 3800156645325  
 SKU: 4533 RED 3800156645332  
 SKU: 4535 GREEN 3800156645356  
 SKU: 4534 BLUE 3800156645349



Warranty





Our portfolio covers best-performing all world-wide LVD power standards including narrow-body for installation ease in tricky spaces. Cost-efficient on your utility bills and your maintenance budget.

Features:

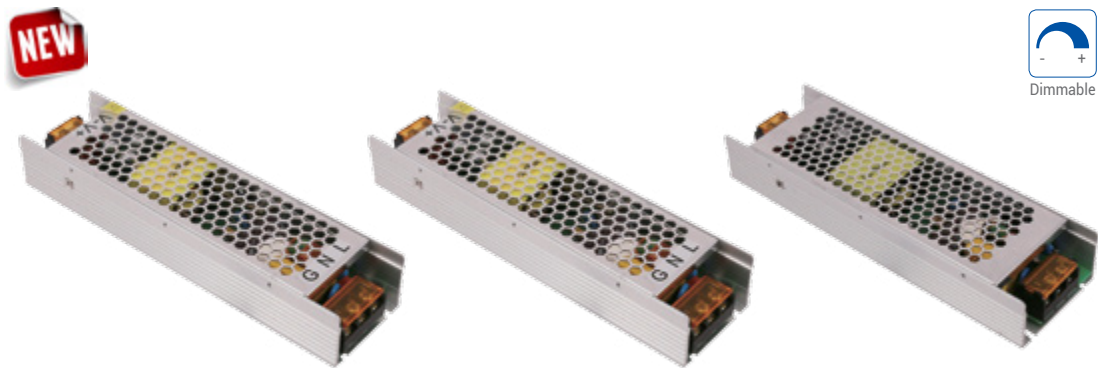
- 5V, 12V and 24V units come in a choice of sizes and shapes
- Specialized dimmable products for panels and downlights
- Waterproof options available with various degree of ingress-protection ratings
- Extended life cycle through forced heat dissipation, making them utmost reliable

Application:

- The natural choice for each LED strip design and installation
- A vital part of any lighting application

## LED POWER SUPPLIES



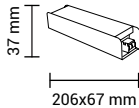
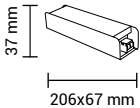
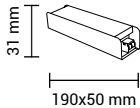


TRIAC Dimmable Power Supplies  
Metal 12V Output



|           |          |            |               |
|-----------|----------|------------|---------------|
| SKU: 6271 | AC75-A1  | 72W - 12V  | 3800156662711 |
| SKU: 6272 | AC100-A5 | 100W - 12V | 3800156662728 |
| SKU: 6273 | AC150-A5 | 150W - 12V | 3800156662735 |

|                |             |             |             |
|----------------|-------------|-------------|-------------|
| Watts          | 72W         | 100W        | 150W        |
| Input Voltage  | 220-240V    | 220-240V    | 220-240V    |
| Output Voltage | DC: 12V     | DC: 12V     | DC: 12V     |
| Current        | 6.25A       | 8.33A       | 12.5A       |
| Material       | Metal       | Metal       | Metal       |
| IP Rating      | IP20        | IP20        | IP20        |
| Dimension      | 190x50x31mm | 206x67x37mm | 206x67x37mm |

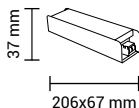
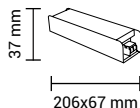
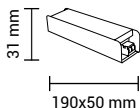


TRIAC Dimmable Power Supplies  
Metal 24V Output



|           |          |            |               |
|-----------|----------|------------|---------------|
| SKU: 6281 | AC75-A2  | 72W - 24V  | 3800156662711 |
| SKU: 6282 | AC100-A6 | 100W - 24V | 3800156662728 |
| SKU: 6283 | AC150-A6 | 150W - 24V | 3800156662735 |

|                |             |             |             |
|----------------|-------------|-------------|-------------|
| Watts          | 72W         | 100W        | 150W        |
| Input Voltage  | 220-240V    | 220-240V    | 220-240V    |
| Output Voltage | DC: 24V     | DC: 24V     | DC: 124V    |
| Current        | 3.1A        | 4.17A       | 6.25A       |
| Material       | Metal       | Metal       | Metal       |
| IP Rating      | IP20        | IP20        | IP20        |
| Dimension      | 119x52x32mm | 206x67x37mm | 206x67x37mm |

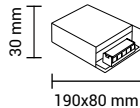
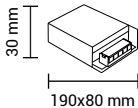


Power Supplies for LED Displays  
Metal 5V Output



|           |          |           |               |
|-----------|----------|-----------|---------------|
| SKU: 6191 | AC200-A9 | 200W - 5V | 3800156662018 |
| SKU: 6192 | AC300-A9 | 300W - 5V | 3800156662032 |

|                |             |             |
|----------------|-------------|-------------|
| Watts          | 200W        | 300W        |
| Input Voltage  | 220V        | 220V        |
| Output Voltage | DC: 5V      | DC: 5V      |
| Current        | 40A         | 60A         |
| Material       | Metal       | Metal       |
| IP Rating      | IP20        | IP20        |
| Dimension      | 190x80x30mm | 190x80x30mm |





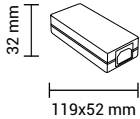
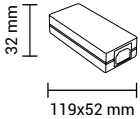
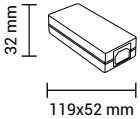


Strip Power Supplies Premium  
Plastic 12V Output



|           |         |           |               |
|-----------|---------|-----------|---------------|
| SKU: 6201 | AC36-A1 | 36W - 12V | 3800156662018 |
| SKU: 6202 | AC60-A1 | 60W - 12V | 3800156662025 |
| SKU: 6203 | AC72-A1 | 72W - 12V | 3800156662032 |

|                |             |             |             |
|----------------|-------------|-------------|-------------|
| Watts          | 36W         | 60W         | 72W         |
| Input Voltage  | 100-240V    | 100-240V    | 100-240V    |
| Output Voltage | DC: 12V     | DC: 12V     | DC: 12V     |
| Current        | 3A          | 5A          | 6A          |
| Material       | Plastic     | Plastic     | Plastic     |
| IP Rating      | IP20        | IP20        | IP20        |
| Dimension      | 119x52x32mm | 119x52x32mm | 119x52x32mm |

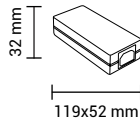
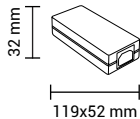
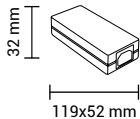


Strip Power Supplies Premium  
Plastic 24V Output



|           |         |           |               |
|-----------|---------|-----------|---------------|
| SKU: 6206 | AC36-A2 | 36W - 24V | 3800156662063 |
| SKU: 6207 | AC60-A2 | 60W - 24V | 3800156662070 |
| SKU: 6208 | AC72-A2 | 72W - 24V | 3800156662087 |

|                |             |             |             |
|----------------|-------------|-------------|-------------|
| Watts          | 36W         | 60W         | 72W         |
| Input Voltage  | 100-240V    | 100-240V    | 100-240V    |
| Output Voltage | DC: 24V     | DC: 24V     | DC: 24V     |
| Current        | 1.5A        | 2.5A        | 3A          |
| Material       | Plastic     | Plastic     | Plastic     |
| IP Rating      | IP20        | IP20        | IP20        |
| Dimension      | 119x52x32mm | 119x52x32mm | 119x52x32mm |

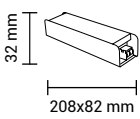
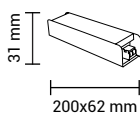
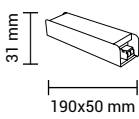
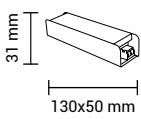


Strip Power Supplies Premium  
SLIM - Metal 12V Output



|           |          |            |               |
|-----------|----------|------------|---------------|
| SKU: 6211 | AC60-A3  | 60W - 12V  | 3800156662117 |
| SKU: 6212 | AC100-A3 | 100W - 12V | 3800156662124 |
| SKU: 6213 | AC150-A3 | 150W - 12V | 3800156662131 |
| SKU: 6214 | AC200-A3 | 200W - 12V | 3800156662148 |

|                |             |             |             |             |
|----------------|-------------|-------------|-------------|-------------|
| Watts          | 60W         | 100W        | 150W        | 200W        |
| Input Voltage  | 100-240V    | 100-240V    | 176-265V    | 176-265V    |
| Output Voltage | DC: 12V     | DC: 12V     | DC: 12V     | DC: 12V     |
| Current        | 5A          | 8.4A        | 12.5A       | 16.7A       |
| Material       | Metal       | Metal       | Metal       | Metal       |
| IP Rating      | IP20        | IP20        | IP20        | IP20        |
| Dimension      | 130x50x31mm | 190x50x31mm | 200x62x31mm | 208x82x32mm |

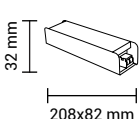
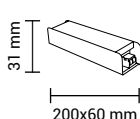
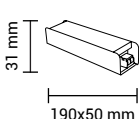
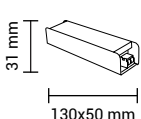


Strip Power Supplies Premium  
SLIM - Metal 24V Output



|           |          |            |               |
|-----------|----------|------------|---------------|
| SKU: 6221 | AC60-A4  | 60W - 24V  | 3800156662216 |
| SKU: 6222 | AC100-A4 | 100W - 24V | 3800156662223 |
| SKU: 6223 | AC150-A4 | 150W - 24V | 3800156662230 |
| SKU: 6224 | AC200-A4 | 200W - 24V | 3800156662247 |

|                |             |             |             |             |
|----------------|-------------|-------------|-------------|-------------|
| Watts          | 60W         | 100W        | 150W        | 200W        |
| Input Voltage  | 100-240V    | 100-240V    | 176-265V    | 176-265V    |
| Output Voltage | DC: 24V     | DC: 24V     | DC: 24V     | DC: 24V     |
| Current        | 2.5A        | 4.2A        | 6.25A       | 8.35A       |
| Material       | Metal       | Metal       | Metal       | Metal       |
| IP Rating      | IP20        | IP20        | IP20        | IP20        |
| Dimension      | 130x50x31mm | 190x50x31mm | 200x60x31mm | 208x82x32mm |



NEW

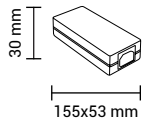
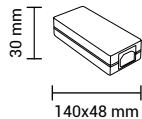
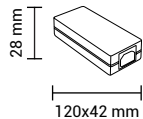


Strip Power Supplies Premium  
Plastic Case 12V Output



|           |         |           |               |
|-----------|---------|-----------|---------------|
| SKU: 6231 | AC24-A5 | 24W - 12V | 3800156662315 |
| SKU: 6232 | AC36-A5 | 36W - 12V | 3800156662322 |
| SKU: 6233 | AC60-A5 | 60W - 12V | 3800156662339 |

|                |             |             |             |
|----------------|-------------|-------------|-------------|
| Watts          | 24W         | 36W         | 60W         |
| Input Voltage  | 100-240V    | 100-240V    | 100-240V    |
| Output Voltage | DC: 12V     | DC: 12V     | DC: 12V     |
| Current        | 2A          | 3A          | 5A          |
| Material       | Plastic     | Plastic     | Plastic     |
| IP Rating      | IP20        | IP20        | IP20        |
| Dimension      | 120x42x28mm | 140x48x30mm | 155x53x30mm |

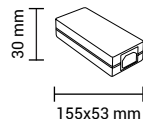
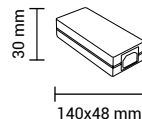
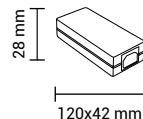


Strip Power Supplies Premium  
Plastic Case 24V Output



|           |         |           |               |
|-----------|---------|-----------|---------------|
| SKU: 6241 | AC24-A6 | 24W - 24V | 3800156662414 |
| SKU: 6242 | AC36-A6 | 36W - 24V | 3800156662421 |
| SKU: 6243 | AC60-A6 | 60W - 24V | 3800156662438 |

|                |             |             |             |
|----------------|-------------|-------------|-------------|
| Watts          | 24W         | 36W         | 60W         |
| Input Voltage  | 100-240V    | 100-240V    | 100-240V    |
| Output Voltage | DC: 24V     | DC: 24V     | DC: 124V    |
| Current        | 1A          | 1.5A        | 2.5A        |
| Material       | Plastic     | Plastic     | Plastic     |
| IP Rating      | IP20        | IP20        | IP20        |
| Dimension      | 120x42x28mm | 140x48x30mm | 155x53x30mm |



NEW

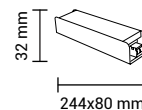
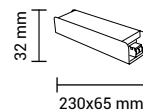
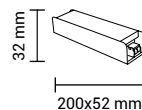
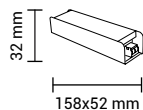
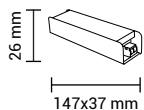


Strip Power Supplies Premium  
Waterproof 12V Output



|           |          |            |               |
|-----------|----------|------------|---------------|
| SKU: 6255 | AC60-A7  | 60W - 12V  | 3800156662117 |
| SKU: 6251 | AC100-A7 | 100W - 12V | 3800156662513 |
| SKU: 6252 | AC150-A7 | 150W - 12V | 3800156662520 |
| SKU: 6253 | AC200-A7 | 200W - 12V | 3800156662537 |
| SKU: 6254 | AC200-A7 | 200W - 12V | 3800156662544 |

|                |             |             |             |             |             |
|----------------|-------------|-------------|-------------|-------------|-------------|
| Watts          | 36W         | 60W         | 100W        | 150W        | 200W        |
| Input Voltage  | 100-240V    | 100-240V    | 100-240V    | 176-265V    | 176-265V    |
| Output Voltage | DC: 12V     | DC: 12V     | DC: 12V     | DC: 12V     | DC: 12V     |
| Current        | 3A          | 5A          | 8.4A        | 12.5A       | 16.7A       |
| Material       | Metal       | Metal       | Metal       | Metal       | Metal       |
| IP Rating      | IP67        | IP67        | IP67        | IP67        | IP67        |
| Dimension      | 147x37x26mm | 158x52x32mm | 220x52x32mm | 233x65x32mm | 244x80x32mm |

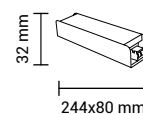
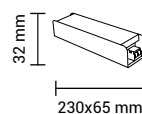
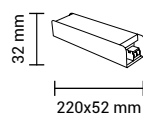
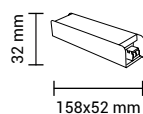


Strip Power Supplies Premium  
Waterproof 24V Output



|           |          |            |               |
|-----------|----------|------------|---------------|
| SKU: 6261 | AC60-A8  | 60W - 24V  | 3800156662612 |
| SKU: 6262 | AC100-A8 | 100W - 24V | 3800156662629 |
| SKU: 6263 | AC150-A8 | 150W - 24V | 3800156662636 |
| SKU: 6264 | AC200-A8 | 200W - 24V | 3800156662643 |

|                |             |             |             |             |
|----------------|-------------|-------------|-------------|-------------|
| Watts          | 60W         | 100W        | 150W        | 200W        |
| Input Voltage  | 100-240V    | 100-240V    | 176-265V    | 176-265V    |
| Output Voltage | DC: 24V     | DC: 24V     | DC: 24V     | DC: 24V     |
| Current        | 2.5A        | 4.2A        | 6.25A       | 8.35A       |
| Material       | Metal       | Metal       | Metal       | Metal       |
| IP Rating      | IP67        | IP67        | IP67        | IP67        |
| Dimension      | 158x52x32mm | 220x52x32mm | 230x65x32mm | 244x80x32mm |





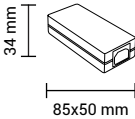
Strip Power Supplies  
Plastic 12V Output



|           |           |               |
|-----------|-----------|---------------|
| SKU: 6120 | 18W - 12V | 3800156661202 |
| SKU: 6101 | 24W - 12V | 3800156661011 |
| SKU: 6102 | 36W - 12V | 3800156661028 |
| SKU: 6103 | 60W - 12V | 3800156661035 |
| SKU: 6119 | 80W - 12V | 3800156661196 |

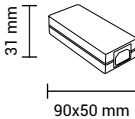
18W

|                |          |           |            |
|----------------|----------|-----------|------------|
| Product Code   | AC18-A1  | Current   | 1,5A       |
| Watts          | 18W      | Material  | Plastic    |
| Input Voltage  | 220-240V | IP Rating | IP20       |
| Output Voltage | DC: 12V  | Dimension | 85x50x34mm |



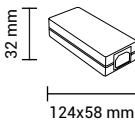
24W

|                |          |           |            |
|----------------|----------|-----------|------------|
| Product Code   | AC24-A1  | Current   | 2A         |
| Watts          | 24W      | Material  | Plastic    |
| Input Voltage  | 220-240V | IP Rating | IP20       |
| Output Voltage | DC: 12V  | Dimension | 90x50x31mm |



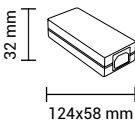
36W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC36-A1  | Current   | 3A          |
| Watts          | 36W      | Material  | Plastic     |
| Input Voltage  | 220-240V | IP Rating | IP20        |
| Output Voltage | DC: 12V  | Dimension | 124x58x32mm |



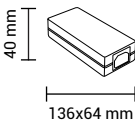
60W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC60-A1  | Current   | 5A          |
| Watts          | 60W      | Material  | Plastic     |
| Input Voltage  | 220-240V | IP Rating | IP20        |
| Output Voltage | DC: 12V  | Dimension | 124x58x32mm |



80W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC80-A1  | Current   | 6.5A        |
| Watts          | 80W      | Material  | Plastic     |
| Input Voltage  | 220-240V | IP Rating | IP20        |
| Output Voltage | DC: 12V  | Dimension | 136x64x40mm |



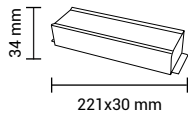
Strip Power Supplies  
Waterproof Metal 12V Output



|           |            |               |
|-----------|------------|---------------|
| SKU: 6110 | 30W - 12V  | 3800156661103 |
| SKU: 6111 | 60W - 12V  | 3800156661110 |
| SKU: 6115 | 100W - 12V | 3800156661158 |
| SKU: 6112 | 150W - 12V | 3800156661127 |

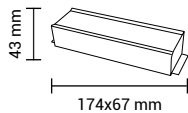
30W

|                |         |           |             |
|----------------|---------|-----------|-------------|
| Product Code   | AC30-A7 | Current   | 2.5A        |
| Watts          | 30W     | Material  | Aluminium   |
| Input Voltage  | 220V    | IP Rating | IP67        |
| Output Voltage | DC: 12V | Dimension | 221x30x34mm |



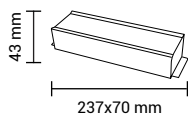
60W

|                |         |           |             |
|----------------|---------|-----------|-------------|
| Product Code   | AC60-A7 | Current   | 5A          |
| Watts          | 60W     | Material  | Aluminium   |
| Input Voltage  | 220V    | IP Rating | IP67        |
| Output Voltage | DC: 12V | Dimension | 174x67x43mm |



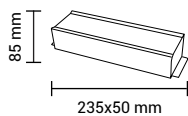
100W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC100-A7 | Current   | 8.5A        |
| Watts          | 100W     | Material  | Aluminium   |
| Input Voltage  | 220V     | IP Rating | IP67        |
| Output Voltage | DC: 12V  | Dimension | 237x70x43mm |



150W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC150-A7 | Current   | 12.5A       |
| Watts          | 150W     | Material  | Aluminium   |
| Input Voltage  | 220V     | IP Rating | IP67        |
| Output Voltage | DC: 12V  | Dimension | 235x50x85mm |





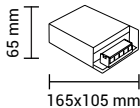
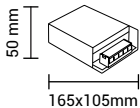
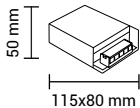
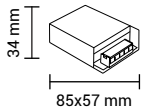
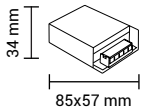


Strip Power Supplies Low Power  
Metal 12V Output



|           |          |            |               |
|-----------|----------|------------|---------------|
| SKU: 6104 | AC24-A3  | 24W - 12V  | 3800156661042 |
| SKU: 6121 | AC36-A3  | 36W - 12V  | 3800156661219 |
| SKU: 6105 | AC60-A3  | 60W - 12V  | 3800156661059 |
| SKU: 6109 | AC100-A3 | 100W - 12V | 3800156661097 |
| SKU: 6106 | AC120-A3 | 120W - 12V | 3800156661066 |

|                |            |            |             |              |              |
|----------------|------------|------------|-------------|--------------|--------------|
| Watts          | 24W        | 36W        | 60W         | 100W         | 120W         |
| Input Voltage  | 220V       | 220V       | 220V        | 220V         | 220V         |
| Output Voltage | DC: 12V    | DC: 12V    | DC: 12V     | DC: 12V      | DC: 12V      |
| Current        | 2A         | 3A         | 5A          | 8.3A         | 10A          |
| Material       | Metal      | Metal      | Metal       | Metal        | Metal        |
| IP Rating      | IP20       | IP20       | IP20        | IP20         | IP20         |
| Dimension      | 85x57x34mm | 85x57x34mm | 115x80x50mm | 165x105x50mm | 165x105x65mm |

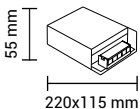
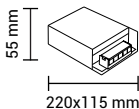
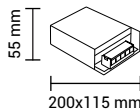
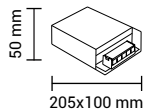


Strip Power Supplies High Power  
Metal 12V Output



|           |          |            |               |
|-----------|----------|------------|---------------|
| SKU: 6114 | AC150-A3 | 150W - 24V | 3800156661141 |
| SKU: 6117 | AC250-A3 | 250W - 24V | 3800156661172 |
| SKU: 6108 | AC360-A3 | 360W - 24V | 3800156661080 |
| SKU: 6124 | AC500-A3 | 500W - 24V | 3800156661240 |

|                |              |              |              |              |
|----------------|--------------|--------------|--------------|--------------|
| Watts          | 150W         | 250W         | 360W         | 500W         |
| Input Voltage  | 220V         | 220V         | 220V         | 220V         |
| Output Voltage | DC: 12V      | DC: 12V      | DC: 12V      | DC: 12V      |
| Current        | 12.5A        | 20A          | 30A          | 41.5A        |
| Material       | Metal        | Metal        | Metal        | Metal        |
| IP Rating      | IP20         | IP20         | IP20         | IP20         |
| Dimension      | 205x100x50mm | 200x115x55mm | 220x115x55mm | 220x115x55mm |

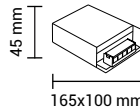


Strip Power Supplies  
Metal 24V Output

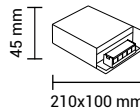


|           |            |               |
|-----------|------------|---------------|
| SKU: 6154 | 60W - 24V  | 3800156661547 |
| SKU: 6151 | 100W - 24V | 3800156661516 |
| SKU: 6155 | 150W - 24V | 3800156661554 |
| SKU: 6152 | 250W - 24V | 3800156661523 |
| SKU: 6153 | 360W - 24V | 3800156661530 |

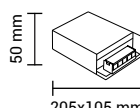
|     |                |         |           |              |
|-----|----------------|---------|-----------|--------------|
| 60W | Product Code   | AC60-A4 | Current   | 2.5A         |
|     | Watts          | 60W     | Material  | Metal        |
|     | Input Voltage  | 220V    | IP Rating | IP20         |
|     | Output Voltage | DC: 24V | Dimension | 165x100x45mm |



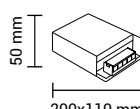
|      |                |          |           |              |
|------|----------------|----------|-----------|--------------|
| 100W | Product Code   | AC100-A4 | Current   | 4.2A         |
|      | Watts          | 100W     | Material  | Metal        |
|      | Input Voltage  | 220V     | IP Rating | IP20         |
|      | Output Voltage | DC: 24V  | Dimension | 210x100x45mm |



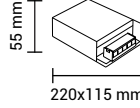
|      |                |          |           |              |
|------|----------------|----------|-----------|--------------|
| 150W | Product Code   | AC150-A4 | Current   | 6.25A        |
|      | Watts          | 150W     | Material  | Metal        |
|      | Input Voltage  | 220V     | IP Rating | IP20         |
|      | Output Voltage | DC: 24V  | Dimension | 205x105x50mm |



|      |                |          |           |              |
|------|----------------|----------|-----------|--------------|
| 250W | Product Code   | AC250-A4 | Current   | 10.5A        |
|      | Watts          | 250W     | Material  | Metal        |
|      | Input Voltage  | 220V     | IP Rating | IP20         |
|      | Output Voltage | DC: 24V  | Dimension | 200x110x50mm |



|      |                |          |           |              |
|------|----------------|----------|-----------|--------------|
| 360W | Product Code   | AC360-A4 | Current   | 15A          |
|      | Watts          | 360W     | Material  | Metal        |
|      | Input Voltage  | 220V     | IP Rating | IP20         |
|      | Output Voltage | DC: 24V  | Dimension | 220x115x55mm |





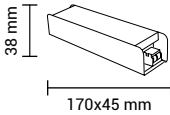
Strip Power Supplies  
SLIM - Metal 12V Output



|           |            |               |
|-----------|------------|---------------|
| SKU: 6131 | 60W - 12V  | 3800156661318 |
| SKU: 6132 | 100W - 12V | 3800156661325 |
| SKU: 6133 | 150W - 12V | 3800156661332 |
| SKU: 6134 | 250W - 12V | 3800156661349 |
| SKU: 6135 | 360W - 12V | 3800156661356 |

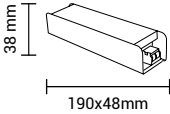
60W

|                |         |           |             |
|----------------|---------|-----------|-------------|
| Product Code   | AC60-A3 | Current   | 5A          |
| Watts          | 60W     | Material  | Metal       |
| Input Voltage  | 220V    | IP Rating | IP20        |
| Output Voltage | DC: 12V | Dimension | 170x45x38mm |



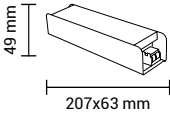
100W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC100-A3 | Current   | 8.5A        |
| Watts          | 100W     | Material  | Metal       |
| Input Voltage  | 220V     | IP Rating | IP20        |
| Output Voltage | DC: 12V  | Dimension | 190x48x38mm |



150W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC150-A3 | Current   | 12.5A       |
| Watts          | 150W     | Material  | Metal       |
| Input Voltage  | 220V     | IP Rating | IP20        |
| Output Voltage | DC: 12V  | Dimension | 207x63x49mm |

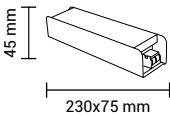


250W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC250-A3 | Current   | 20A         |
| Watts          | 250W     | Material  | Metal       |
| Input Voltage  | 220V     | IP Rating | IP20        |
| Output Voltage | DC: 12V  | Dimension | 230x75x45mm |



With FAN

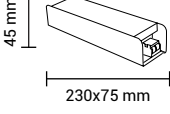


360W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC360-A3 | Current   | 30A         |
| Watts          | 360W     | Material  | Metal       |
| Input Voltage  | 220V     | IP Rating | IP20        |
| Output Voltage | DC: 12V  | Dimension | 230x75x45mm |



With FAN



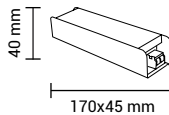
Strip Power Supplies  
SLIM - Metal 24V Output



|           |            |               |
|-----------|------------|---------------|
| SKU: 6161 | 60W - 24V  | 3800156661615 |
| SKU: 6162 | 100W - 24V | 3800156661622 |
| SKU: 6163 | 150W - 24V | 3800156661639 |
| SKU: 6164 | 250W - 24V | 3800156661646 |
| SKU: 6165 | 360W - 24V | 3800156661653 |

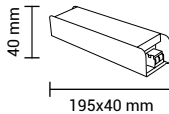
60W

|                |         |           |             |
|----------------|---------|-----------|-------------|
| Product Code   | AC60-A4 | Current   | 2.5A        |
| Watts          | 60W     | Material  | Metal       |
| Input Voltage  | 220V    | IP Rating | IP20        |
| Output Voltage | DC: 24V | Dimension | 170x45x40mm |



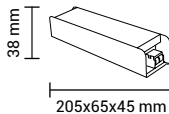
100W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC100-A4 | Current   | 4.2A        |
| Watts          | 100W     | Material  | Metal       |
| Input Voltage  | 220V     | IP Rating | IP20        |
| Output Voltage | DC: 24V  | Dimension | 195x40x40mm |



150W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC150-A4 | Current   | 6.25A       |
| Watts          | 150W     | Material  | Metal       |
| Input Voltage  | 220V     | IP Rating | IP20        |
| Output Voltage | DC: 24V  | Dimension | 205x65x45mm |

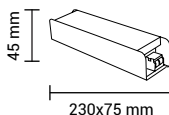


250W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC250-A4 | Current   | 10.5A       |
| Watts          | 250W     | Material  | Metal       |
| Input Voltage  | 220V     | IP Rating | IP20        |
| Output Voltage | DC: 24V  | Dimension | 230x75x45mm |



With FAN

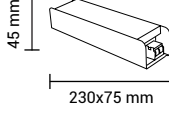


360W

|                |          |           |             |
|----------------|----------|-----------|-------------|
| Product Code   | AC360-A4 | Current   | 15A         |
| Watts          | 360W     | Material  | Metal       |
| Input Voltage  | 220V     | IP Rating | IP20        |
| Output Voltage | DC: 24V  | Dimension | 230x75x45mm |



With FAN





LED strips with all its power and might cannot be fully deployed without the appropriate diverse controllers. Touch sensors, Wi-Fi, smart home or any other popular type are available to diversify modern design and layout.

Features:

- Discreet and contemporary patterns.
- Small giants, an absolute must for any sophisticated lighting architecture
- Plug and play concept

Application:

- Probably the most widely used category with infinite applications

## LED CONTROLLERS





### Dimmer LED Strip With Remote Control 8A

|              |               |
|--------------|---------------|
| SKU:         | 6302          |
| Product Code | AC2-A2        |
| Power        | 96W-192W      |
| Voltage      | 12V / 24V     |
| IP Rating    | IP20          |
| Dimension    | 80x55x30mm    |
| EAN:         | 3800156663022 |



### Remote Control LED Strip RGB - 4 Buttons 3x4A

|              |               |
|--------------|---------------|
| SKU:         | 6304          |
| Product Code | AC2-A2        |
| Power        | 144W-288W     |
| Voltage      | 12V / 24V     |
| IP Rating    | IP20          |
| Dimension    | 105x65x20mm   |
| EAN:         | 3800156663046 |



### Remote Control LED Strip RGB - 16 Buttons 3x2A

|              |               |
|--------------|---------------|
| SKU:         | 6303          |
| Product Code | AC2-A2        |
| Power        | 72W           |
| Voltage      | 12V           |
| IP Rating    | IP20          |
| Dimension    | 50x35x20mm    |
| EAN:         | 3800156663039 |



### Remote Control LED Strip RGB - 44 Buttons

|              |               |               |
|--------------|---------------|---------------|
| SKU:         | 6306          | 6307          |
| Product Code | AC2-A2        | AC2-A2        |
| Power        | 72W           | 144W          |
| Voltage      | 12V           | 12V           |
| IP Rating    | IP20          | IP20          |
| Dimension    | 50x35x20mm    | 50x35x20mm    |
| EAN:         | 3800156663060 | 3800156663077 |



### WiFi Controller RGB / Single Color 3x4A

|              |               |               |
|--------------|---------------|---------------|
| SKU:         | 6310          | 6311          |
| Product Code | AC2-A2        | AC2-A2        |
| Power        | 90W-288W      | 90W-288W      |
| Voltage      | 7.5V-24V      | 7.5V-24V      |
| Strip Type   | RGB           | Single Color  |
| Dimension    | 80x55x30mm    | 80x55x30mm    |
| EAN:         | 3800156663107 | 3800156663114 |



### Amplifier for LED Strip RGB - Iron Shell 3x8A

|              |               |
|--------------|---------------|
| SKU:         | 6326          |
| Product Code | AC2-A2        |
| Power        | 288W-576W     |
| Voltage      | 12V-24V       |
| IP Rating    | IP20          |
| Dimension    | 80x70x30      |
| EAN:         | 3800156663268 |



### Amplifier for LED Strip RGB+White 4x6A

|              |               |
|--------------|---------------|
| SKU:         | 6328          |
| Product Code | AC2-A2        |
| Power        | 288W-576W     |
| Voltage      | 12V-24V       |
| IP Rating    | IP20          |
| Dimension    | 65x55x20      |
| EAN:         | 3800156663282 |



### Amplifier for LED Strip RGB 3x4A

|              |               |
|--------------|---------------|
| SKU:         | 6305          |
| Product Code | AC2-A2        |
| Power        | 144W-288W     |
| Voltage      | 12V-24V       |
| IP Rating    | IP20          |
| Dimension    | 80x55x20      |
| EAN:         | 3800156663053 |





### Remote Control LED Strip RGB Touch White/Black 3x6A

|              |               |               |
|--------------|---------------|---------------|
| SKU:         | 6314          | 6315          |
| Product Code | AC2-A2        | AC2-A2        |
| Power        | 216W-432W     | 216W-432W     |
| Voltage      | 12V / 24V     | 12V / 24V     |
| Body Color   | White         | Black         |
| Dimension    | 95x50x30mm    | 95x50x30mm    |
| EAN:         | 3800156663145 | 3800156663152 |



IP20



### Remote Control LED Strip RGBW Touch 4x6A

|              |               |
|--------------|---------------|
| SKU:         | 6329          |
| Product Code | AC2-A2        |
| Power        | 288W-576W     |
| Voltage      | 12V / 24V     |
| IP Rating    | IP20          |
| Dimension    | 80x45x15mm    |
| EAN:         | 3800156663299 |



DC:12V/24V



IP20



### Music LED Controller With Remote Control 3x4A

|              |               |
|--------------|---------------|
| SKU:         | 6312          |
| Product Code | AC2-A2        |
| Power        | 144W-288W     |
| Voltage      | 12V-24V       |
| IP Rating    | IP20          |
| Dimension    | 170x85x23mm   |
| EAN:         | 3800156663121 |



DC:12V/24V



IP20



### DMX512 Decoder 3x4A

|              |               |
|--------------|---------------|
| SKU:         | 6308          |
| Product Code | AC2-A2        |
| Power        | 144W-288W     |
| Voltage      | 12V-24V       |
| IP Rating    | IP20          |
| Dimension    | 160x60x42mm   |
| EAN:         | 3800156663084 |



DC:12V/24V



IP20



### Sensor Dimmer Wall Mounted 10A

|              |               |
|--------------|---------------|
| SKU:         | 6318          |
| Product Code | AC2-A2        |
| Power        | 120W-240W     |
| Voltage      | 12V / 24V     |
| Body Color   | Black         |
| Dimension    | 85x85x40mm    |
| EAN:         | 3800156663183 |



IP20



### Sensor Dimmer Wall Mounted 10A

|              |               |
|--------------|---------------|
| SKU:         | 6320          |
| Product Code | AC2-A2        |
| Power        | 120W-240W     |
| Voltage      | 12V / 24V     |
| Body Color   | White         |
| Dimension    | 85x85x40mm    |
| EAN:         | 3800156663206 |



IP20



### Sensor Dimmer Wall Mounted RGB 3x4A

|              |               |
|--------------|---------------|
| SKU:         | 6317          |
| Product Code | AC2-A2        |
| Power        | 144W-288W     |
| Voltage      | 12V-24V       |
| IP Rating    | IP20          |
| Dimension    | 85x85x40mm    |
| EAN:         | 3800156663176 |



IP20



### Sensor Dimmer Wall Mounted RGB 3x4A

|              |               |
|--------------|---------------|
| SKU:         | 6319          |
| Product Code | AC2-A2        |
| Power        | 144W-288W     |
| Voltage      | 12V-24V       |
| IP Rating    | IP20          |
| Dimension    | 85x85x40mm    |
| EAN:         | 3800156663190 |



IP20



### LED Remote Control Set Single Color RF 2.4G 3CH 3x4A V3



#### LED Remote

|                 |              |
|-----------------|--------------|
| Output signal   | RF 2.4GHz    |
| Working voltage | 3VDC(CR2032) |
| Standby time    | 12 months    |
| Remote distance | 30m          |
| Dimension       | 107x58.5x9mm |

SKU: 6348 3800156663480

#### LED Receiver

|                |            |
|----------------|------------|
| Input voltage  | 12/24VDC   |
| Output power   | 144W/288W  |
| Output current | 3CH,4A/CH  |
| IP Rating      | IP20       |
| Dimension      | 97x33x18mm |

Professional series



### LED Remote Control Set RGB - RF 2.4G 3CH 3x4A V3



#### LED Remote

|                 |              |
|-----------------|--------------|
| Output signal   | RF 2.4GHz    |
| Working voltage | 3VDC(CR2032) |
| Standby time    | 12 months    |
| Remote distance | 30m          |
| Dimension       | 107x58.5x9mm |

SKU: 6349 3800156663497

#### LED Receiver

|                |            |
|----------------|------------|
| Input voltage  | 12/24VDC   |
| Output power   | 144W/288W  |
| Output current | 3CH,4A/CH  |
| IP Rating      | IP20       |
| Dimension      | 97x33x18mm |

Professional series



### LED Single Color Remote Control Touch - 1 Zone RF 2.4GHZ

- \* Match with OPTONICA Professional LED Controllers.
- \* Ultra sensitive color adjustment touch slide.
- \* Each remote can match one or more receivers.
- \* Operate with LED indicator light.
- \* Magnet on the back which can be easily stuck on any metal surfaces
- \* CR2032 battery powered.

SKU: 6359 3800156663596 Professional series



### LED RGB Remote Control Touch - 1 Zone RF 2.4GHZ

- \* Match with OPTONICA Professional LED Controllers.
- \* Ultra sensitive color adjustment touch slide.
- \* Each remote can match one or more receivers.
- \* Operate with LED indicator light.
- \* Magnet on the back which can be easily stuck on any metal surfaces
- \* CR2032 battery powered.

SKU: 6360 3800156663602 Professional series



### LED RGB + CCT Remote Control Touch - 4 Zone RF 2.4GHZ

- \* Match with OPTONICA Professional LED Controllers.
- \* Ultra sensitive color adjustment touch wheel.
- \* Each remote can match one or more receivers.
- \* Operate with LED indicator light.
- \* AAx2 battery powered.
- \* Dimension 122x53x17.5mm

SKU: 6368 3800156663688



Professional series



### USB Chargeable LED Remote Control Single Color Touch - 2.4GHZ

- \* Touch panel 4 zone 1 color RF remote.
- \* Each zone can remote control multiple receivers, LED controller, dimming driver or smart lamp.
- \* Ultra sensitive high strength glass touch panel with touch color slide in the middle.
- \* Smooth and accurate adjustment by touching the slide.
- \* Touch keys with chord tones and LED indicator.
- \* Free installation, no wiring, removable.
- \* AAA x 2 battery powered.

SKU: 6351 3800156663510 Professional series



### LED CCT Remote Control Touch - 4 Zone RF 2.4GHZ

- \* Match with OPTONICA Professional LED Controllers.
- \* Ultra sensitive color adjustment touch wheel.
- \* Each remote can match one or more receivers.
- \* Operate with LED indicator light.
- \* AAx2 battery powered.
- \* Dimension 122x53x17.5mm

SKU: 6350 3800156663503



Professional series



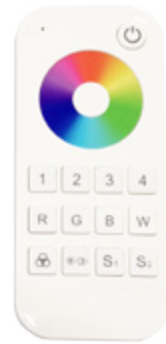
### USB Chargeable LED Remote Control RGB/RGBW Touch - 2.4GHZ

- \* Touch panel 4 zone 1 color RF remote.
- \* Each zone can remote control multiple receivers, LED controller, dimming driver or smart lamp.
- \* Ultra sensitive high strength glass touch panel with touch color slide in the middle.
- \* Smooth and accurate adjustment by touching the slide.
- \* Touch keys with chord tones and LED indicator.
- \* Free installation, no wiring, removable.
- \* AAA x 2 battery powered.

SKU: 6352 3800156663527 Professional series







Wall mounted holder for 6345

SKU: 6347

**LED RGB/RGBW Remote Control****4 Zone RF 2.4GHZ***Professional series*

- \* Match with OPTONICA Professional LED Controllers.
- \* Ultra sensitive color adjustment touch wheel.
- \* Each remote can match one or more receivers.
- \* Operate with LED indicator light.
- \* AAx2 battery powered.
- \* Dimension 122x53x17.5mm

SKU: 6345 3800156663459



IP20



Dimmable



Battery

**LED RGB/RGBW Remote Control****4 Zone RF 2.4GHZ***Professional series*

- \* Match with OPTONICA Professional LED Controllers.
- \* Ultra sensitive color adjustment touch wheel.
- \* Each remote can match one or more receivers.
- \* Slim and light
- \* CR2032 battery powered.
- \* Dimension 107x58.5x9mm

SKU: 6344 3800156663442



IP20



Dimmable



Battery



Wall mounted holder for 6341

SKU: 6346

**LED Remote Control****4 Zone Single Color RF 2.4GHZ***Professional series*

- \* Match with OPTONICA Professional LED Controllers.
- \* Each remote can match one or more receivers.
- \* Slim and light
- \* IP20
- \* CR2032 battery powered.
- \* Dimension 135x40x11mm

SKU: 6341 3800156663411



IP20



Dimmable



Battery



Wall mounted holder for 6340

SKU: 6346

**LED Remote Control****1 Zone CCT RF 2.4GHZ***Professional series*

- \* Match with OPTONICA Professional LED Controllers.
- \* Each remote can match one or more receivers.
- \* Slim and light.
- \* IP20
- \* CR2032 battery powered.
- \* Dimension 107x58.5x9mm

SKU: 6340 3800156663404



IP20



Dimmable



Battery

**LED Controller****3 Channel x 4A***Professional series*

IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6353     | Output Voltage | 3X(12-24)VDC     |
| Product Code  | AC2-A3   | Output Current | 3CH,4A/CH        |
| Input Voltage | 12-24VDC | Output Power   | 144/288W         |
| Input Current | 12.5A    | Output Type    | Constant Voltage |
| Input Signal  | RF2.4Ghz | Dimension      | 96x33x17 mm      |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* One RF controller accept up to 10 remote control.
- \* Build in 10 dynamic mode, include jump or gradual change style.
- \* Auto-transmitting function: Controller automaticaly transmit signal ot another controller with 30m control distance.
- \*Synchronize on multiple number of controllers.

EAN Code: 3800156663695

**LED Controller****4 Channel x 5A***Professional series*

IP20

|               |               |                |                  |
|---------------|---------------|----------------|------------------|
| SKU:          | 6342          | Output Voltage | 4x(12-36)VDC     |
| Product Code  | AC2-A3        | Output Current | 4CH,5A/CH        |
| Input Voltage | 12-36VDC      | Output Power   | 4x(60-180)W      |
| Input Current | 20.5A         | Output Type    | Constant Voltage |
| Input Signal  | RF2.4Ghz+Push | Dimension      | 175x45x27 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* One RF controller accept up to 10 remote control.
- \* Build in 10 dynamic mode, include jump or gradual change style.
- \* Auto-transmitting function: Controller automaticaly transmit signal ot another controller with 30m control distance.
- \*Synchronize on multiple number of controllers.
- \*Connect with external push switch to achive on/off and dimming function.

EAN Code: 3800156663428

**LED Controller****4 Channel x 300mA Constant Current***Professional series*

IP20

|               |               |                |                  |
|---------------|---------------|----------------|------------------|
| SKU:          | 6343          | Output Voltage | 4x(12-48)VDC     |
| Product Code  | AC2-A3        | Output Current | 4CH,300mA/CH     |
| Input Voltage | 12-48VDC      | Output Power   | 4x(3.6-14.4)W    |
| Input Current | 1.5A          | Output Type    | Constant Current |
| Input Signal  | RF2.4Ghz+Push | Dimension      | 175x45x27 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* One RF controller accept up to 10 remote control.
- \* Build in 10 dynamic mode, include jump or gradual change style.
- \* Auto-transmitting function: Controller automaticaly transmit signal ot another controller with 30m control distance.
- \*Synchronize on multiple number of controllers.
- \*Connect with external push switch to achive on/off and dimming function.

EAN Code: 3800156663435

NEW



### DMX512 & RDM Decoder 4 Channel x 5A

Professional series



IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6364     | Output Voltage | 12-24VDC         |
| Product Code  | AC2-A3   | Output Current | 4CH,5A/CH        |
| Input Voltage | 12-24VDC | Output Power   | 4x(60-120)W      |
| Input Current | 20.5A    | Output Type    | Constant Voltage |
| IP Rating     | IP20     | Dimension      | 170x50x24 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* Comply with the DMX512 standard protocols.
- \* Digital numeric display, set DMX address by buttons.
- \* RDM function can realize intercommunication between DMX master and decoder.
- \* 1/2/4 DMX channel output selectable.
- \* Stand-alone RGB/RGBW mode and 4 channel dimmer mode selectable.

EAN Code: 3800156663640

NEW



### LED Controller 5 Channel x 5A

Professional series



IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6366     | Output Voltage | 5x(12-24)VDC     |
| Product Code  | AC2-A3   | Output Current | 5CH,5A/CH        |
| Input Voltage | 12-24VDC | Output Power   | 5x(60-120)W      |
| Input Current | 25.5A    | Output Type    | Constant Voltage |
| IP Rating     | IP20     | Dimension      | 175x45x27 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* One RF controller accept up to 10 remote control.
- \* Build in 10 dynamic mode, include jump or gradual change style.
- \* Auto-transmitting function: Controller automatically transmit signal of another controller with 30m control distance.
- \* Synchronize on multiple number of controllers.
- \* Connect with external push switch to achieve on/off and dimming function.

EAN Code: 3800156663664

NEW



### LED Dimmer 1 Channel 12A

Professional series



IP20

|               |              |                |                  |
|---------------|--------------|----------------|------------------|
| SKU:          | 6367         | Output Voltage | 12-36VDC         |
| Product Code  | AC2-A3       | Output Current | 1CH,12A          |
| Input Voltage | 12-36VDC     | Output Power   | 144-432W         |
| Input Current | 12.5A        | Output Type    | Constant Voltage |
| Input Signal  | 0/1-10V+Push | Dimension      | 175x45x27 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* 1 channel 0/1-10V LED dimming driver with push-dim function.
- \* 1 channel 0/1-10V input, 1 channel PWM constant voltage output.
- \* 0~100% dimming range via logarithmic characteristic can be very comfortable for human eyes.

EAN Code: 3800156663671

NEW



### LED Dimmer 4 Channel x 5A

Professional series



IP20

|               |              |                |                  |
|---------------|--------------|----------------|------------------|
| SKU:          | 6369         | Output Voltage | 12-36VDC         |
| Product Code  | AC2-A3       | Output Current | 4CH,5A/CH        |
| Input Voltage | 12-36VDC     | Output Power   | 4x(60-180)W      |
| Input Current | 20.5A        | Output Type    | Constant Voltage |
| Input Signal  | 0/1-10V+Push | Dimension      | 175x45x27 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* 4 channel 0/1-10V LED dimming driver with push-dim function.
- \* 4 channel 0/1-10V input, 4 channel PWM constant voltage output.
- \* 0~100% dimming range via logarithmic characteristic can be very comfortable for human eyes.

EAN Code: 3800156663695

NEW



### DALI LED Dimmer 1 Channel 15A

Professional series



IP20

|               |           |                |                  |
|---------------|-----------|----------------|------------------|
| SKU:          | 6371      | Output Voltage | 12-24VDC         |
| Product Code  | AC2-A3    | Output Current | 1CH,15A          |
| Input Voltage | 12-24VDC  | Output Power   | 180W/360W        |
| Input Current | 15A       | Output Type    | Constant Voltage |
| Input Signal  | DALI+Push | Dimension      | 175x45x27 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* Constant voltage DALI LED dimmer with 1 channel, 15A output.
- \* DALI address will be automatically assigned by DALI master, 1 DALI address.
- \* PWM digital dimming, standard DALI logarithmic dimming curve.
- \* Connect with external push switch to achieve on/off and dimming function.

EAN Code: 3800156663718

NEW



### DALI LED Dimmer 4 Channel x 5A

Professional series



IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6372     | Output Voltage | 12-24VDC         |
| Product Code  | AC2-A3   | Output Current | 4CH,5A/CH        |
| Input Voltage | 12-24VDC | Output Power   | 4x(60-120)W      |
| Input Current | 20.5A    | Output Type    | Constant Voltage |
| Input Signal  | DALI     | Dimension      | 175x45x27 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* 4 channel constant voltage DALI LED Dimmer, 5A per channel.
- \* 4 DALI address, 4 channel work separately.
- \* DALI address will be automatically assigned by DALI master.
- \* PWM digital dimming, standard DALI logarithmic dimming curve.

EAN Code: 3800156663725

NEW

**LED Controller**

Professional series



IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6355     | Output Voltage | 4x(12-24)VDC     |
| Product Code  | AC2-A3   | Output Current | 4CH,5A/CH        |
| Input Voltage | 12-24VDC | Output Power   | 4x(60-120)W      |
| Input Current | 20.5A    | Output Type    | Constant Voltage |
| IP Rating     | IP20     | Dimension      | 110x64x45mm      |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* Digital numeric display and easy key operation.
- \* Can set as 1 channel dimmer, 4 channel, dual color, RGB or RGBW controller.
- \* Logarithmic or linear dimming curve selectable.
- \* Synchronize on multiple number of controllers.

EAN Code: 3800156663558

NEW

**AC TRIAC Dimmer**

Professional series



IP20

|               |               |                |              |
|---------------|---------------|----------------|--------------|
| SKU:          | 6365          | Output Voltage | 100-240VAC   |
| Product Code  | AC2-A3        | Output Current | 1CH,2A/CH    |
| Input Voltage | 100-240VAC    | Output Power   | 200-480W     |
| Input Signal  | RF2.4GHz+Push | Dimming level  | 100 levels   |
| IP Rating     | IP20          | Dimension      | 110x64x45 mm |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* RF+ Push AC phase-cut dimmer, 1channel output.
- \* Digital numeric display, set brightness by buttons.
- \* 0-100% dimming smoothly without any flash.
- \* Reverse-phase dimming or forward-phase dimming selectable.
- \* Minimum brightness set from 1% to 40%

EAN Code: 3800156663657

NEW

**Power Repeater**

Professional series



IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6370     | Output Voltage | 4x(12-24)VDC     |
| Product Code  | AC2-A3   | Output Current | 4CH,5A/CH        |
| Input Voltage | 12-24VDC | Output Power   | 4x(60-120)W      |
| Input Current | 20.5A    | Output Type    | Constant Voltage |
| IP Rating     | IP20     | Dimension      | 110x64x45 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* To receive PWM signal control.
- \* Power repeater in series or in parallel to expand output unlimitedly.
- \* Apply to single color, dual color, RGB or RGBW constant voltage LED strip or module.
- \* 3KV Optoelectronic isolation.

EAN Code: 3800156663701

NEW

**AC Triac RF Dimmer  
RF 2.4GHz + Push**

Professional series



IP20

|               |               |                |             |
|---------------|---------------|----------------|-------------|
| SKU:          | 6363          | Output Voltage | 100-240VAC  |
| Product Code  | AC2-A3        | Output Current | MAX 1A      |
| Input Voltage | 100-240VAC    | Output Power   | 100-240W    |
| Input Signal  | RF2.4GHz+Push | Dimming level  | 256 levels  |
| IP Rating     | IP20          | Dimension      | 56x56x26 mm |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* RF+ Push AC phase-cut dimmer, 1channel output.
- \* 0-100% dimming smoothly without any flash.
- \* Connect with external push switch to achieve ON/OFF and dimming function.
- \* Easy to be inserted into standard 86x86mm wall box

EAN Code: 3800156663633

NEW

**LED Controller  
3 Channel x 10A**

Professional series



IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6356     | Output Voltage | 3x(12-36)VDC     |
| Product Code  | AC2-A3   | Output Current | 3CH,10A/CH       |
| Input Voltage | 12-36VDC | Output Power   | 3x(120-360)W     |
| Input Current | 30.5A    | Output Type    | Constant Current |
| Input Signal  | RF2.4Ghz | Dimension      | 105x75x25 mm     |

- \* Match with OPTONICA Professional Series Remote Controls.
- \* One RF controller accept up to 10 remote control.
- \* Build in 10 dynamic mode, include jump or gradual change style.
- \* Auto-transmitting function: Controller automatically transmit signal of another controller with 30m control distance.
- \* Synchronize on multiple number of controllers.

EAN Code: 3800156663565

NEW

**WiFi - Relay 2.4GHz  
WiFi to RF Converter**

Professional series



IP20

|               |              |                |              |
|---------------|--------------|----------------|--------------|
| SKU:          | 6354         | Output Control | RGB,RGBW,CT  |
| Product Code  | AC2-A3       | Working Temp.  | -20°C~50°C   |
| Input Voltage | 5-24VDC      | Platform       | iOS, Android |
| Wifi standard | 802.11 b/g/n | Dimension      | ø72x25 mm    |

EAN Code: 3800156663541


**SkySmart App**  
 ANDROID / iOS





### LED Single Color Controller 4A\*3CH

Professional series



Dimmable



IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6357     | Output Voltage | 3x(12-24)VDC     |
| Product Code  | AC2-A3   | Output Current | 3CH,4A/CH        |
| Input Voltage | 12-24VDC | Output Power   | 144-288W         |
| Input Current | 12.5A    | Output Type    | Constant Voltage |
| IP Rating     | IP20     | Dimension      | 86x86x53 mm      |

EAN Code: 3800156663572



### LED RGB Controller 4A\*3CH

Professional series



Dimmable



IP20

|               |          |                |                  |
|---------------|----------|----------------|------------------|
| SKU:          | 6358     | Output Voltage | 3x(12-24)VDC     |
| Product Code  | AC2-A3   | Output Current | 3CH,4A/CH        |
| Input Voltage | 12-24VDC | Output Power   | 144-288W         |
| Input Current | 12.5A    | Output Type    | Constant Voltage |
| IP Rating     | IP20     | Dimension      | 86x86x53 mm      |

EAN Code: 3800156663589



### LED DMX Controller 4 Zones control DMX512+RF 2.4G

Professional series



Dimmable



IP20

|               |           |                 |                |
|---------------|-----------|-----------------|----------------|
| SKU:          | 6361      | Control Mode    | 4 Zone Control |
| Product Code  | AC2-A3    | Light Type      | Single Color   |
| Input Voltage | 85-265V   | Remote Distance | 30m            |
| Output Signal | DMX512+RF | Working Temp.   | -20°C/+50°C    |
| IP Rating     | IP20      | Dimension       | 86x86x36 mm    |

EAN Code: 3800156663619



### LED RGBW DMX Controller 4 Zones control DMX512+RF 2.4G

Professional series



Dimmable



IP20

|               |           |                 |                |
|---------------|-----------|-----------------|----------------|
| SKU:          | 6362      | Control Mode    | 4 Zone Control |
| Product Code  | AC2-A3    | Light Type      | RGBW           |
| Input Voltage | 85-265V   | Remote Distance | 30m            |
| Output Signal | DMX512+RF | Working Temp.   | -20°C/+50°C    |
| IP Rating     | IP20      | Dimension       | 86x86x36 mm    |

EAN Code: 3800156663626

### ACCESSORIES FOR LED STRIPS



CONNECTOR FOR STRIP 3528  
SKU: 5151 3800156661517



CONNECTOR FOR STRIP 5050  
SKU: 5152 3800156661524



CONNECTOR FOR STRIP RGB  
SKU: 6608 3800156666085



ANGLE CONNECTOR FOR STRIP 3528 8mm  
SKU: 6619 3800156666191



ANGLE CONNECTOR FOR STRIP 5050 10mm  
SKU: 6620 3800156666207



ANGLE CONNECTOR FOR STRIP RGB 10mm  
SKU: 6621 3800156666214



CONNECTOR FOR STRIP DC MALE  
SKU: 6610 3800156666108



CONNECTOR FOR STRIP DC FEMALE  
SKU: 6611 3800156666115



FLEXIBLE FOR STRIP 3528 DC FEMALE  
SKU: 6612 3800156666122



FLEXIBLE FOR STRIP 5050 DC FEMALE  
SKU: 6613 3800156666139



FLEXIBLE CONNECTOR FOR LED STRIP RGB  
SKU: 6614 3800156666146



FLEXIBLE CONNECTOR FOR LED STRIP 5050  
SKU: 6615 3800156666153



FLEXIBLE CONNECTOR FOR LED STRIP 3528  
SKU: 6616 3800156666160



FLEXIBLE CONNECTOR FOR STRIP RGB+WH  
SKU: 6618 3800156666184



FLEXIBLE FOR RGB LED STRIP WITH PIN  
SKU: 6617 3800156666177



## LED LINEAR AND TRACK LIGHTS

Highly specialized luminaires with concentrated light distribution angle intended for retail or other spot required presentation area. These adjustable fixtures can be combined with variously lengthen three phased tracks along with connectors to suit every design, including rapid solutions for trade fair halls and shopping malls.

### Features:

- Three colour temperatures offered to match the needs of most commercial shelf products
- Upto 80% cost-saving use
- Quick and easy fool proof on and off installation

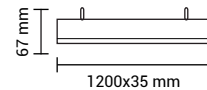
### Application:

- Indoor use
- Any show-room, art gallery, dining rooms companions.
- Popular choice for both residential and commercial projects.

LED Linear Suspended Light  
40W Slim

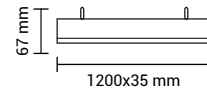
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|---------------|---------------|------------|---------------|
| Product code  | LN40-A1       | CRI        | Ra>80         |
| Watts         | 40W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1200x35x67 mm |
| Flux          | 3400lm        | Body Color | BLACK         |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5372 White Light 6000K 3800156653726  
SKU: 5371 Neutral White 4000K 3800156653719

LED Linear Suspended Light  
40W Slim

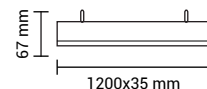
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|---------------|---------------|------------|---------------|
| Product code  | LN40-A1       | CRI        | Ra>80         |
| Watts         | 40W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1200x35x67 mm |
| Flux          | 3400lm        | Body Color | SILVER        |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5374 White Light 6000K 3800156653740  
SKU: 5373 Neutral White 4000K 3800156653733

LED Linear Suspended Light  
40W Slim

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN40-A1       | CRI        | Ra>80         |
| Watts         | 40W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1200x35x67 mm |
| Flux          | 3400lm        | Body Color | WHITE         |
| Beam Angle    | 120°          | Dimmable   | NO            |

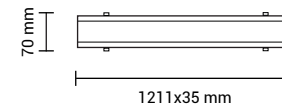
SKU: 5376 White Light 6000K 3800156653764  
SKU: 5375 Neutral White 4000K 3800156653757

LED Linear Recessed Light  
40W Linkable

Linkable

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN40-A2       | CRI        | Ra>80         |
| Watts         | 40W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1211x35x70 mm |
| Flux          | 3400lm        | Body Color | WHITE         |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5377 Neutral White 4000K 3800156653771



## Connectors for LED Linear Recessed Lights



L-SHAPE CONNECTOR

|               |              |
|---------------|--------------|
| SKU:          | 5031         |
| Light Color   | 4000K        |
| Watts         | 8W           |
| Input Voltage | AC:200-240V  |
| Dimension     | 136x136x35mm |



L-SHAPE CONNECTOR

|               |              |
|---------------|--------------|
| SKU:          | 5032         |
| Light Color   | 4000K        |
| Watts         | 8W           |
| Input Voltage | AC:200-240V  |
| Dimension     | 134x134x35mm |



L-SHAPE CONNECTOR

|               |              |
|---------------|--------------|
| SKU:          | 5033         |
| Light Color   | 4000K        |
| Watts         | 8W           |
| Input Voltage | AC:200-240V  |
| Dimension     | 181x181x35mm |



T-SHAPE CONNECTOR

|               |              |
|---------------|--------------|
| SKU:          | 5034         |
| Light Color   | 4000K        |
| Watts         | 12W          |
| Input Voltage | AC:200-240V  |
| Dimension     | 255x127x35mm |



X-SHAPE CONNECTOR

|               |              |
|---------------|--------------|
| SKU:          | 5035         |
| Light Color   | 4000K        |
| Watts         | 16W          |
| Input Voltage | AC:200-240V  |
| Dimension     | 255x255x35mm |





NEW



5 Years

Warranty



Linkable

### LED Linear Suspended Light 40W Slim Linkable



Lumens



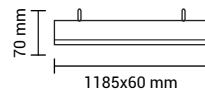
120°



LED

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN40-A3       | CRI        | Ra>80         |
| Watts         | 40W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1185x60x70 mm |
| Flux          | 4000lm        | Body Color | BLACK         |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5380 Neutral White 4000K 3800156653801



NEW



5 Years

Warranty



Linkable

### LED Linear Suspended Light 40W Slim Linkable



Lumens



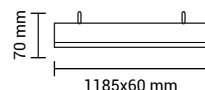
120°



LED

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN40-A3       | CRI        | Ra>80         |
| Watts         | 40W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1185x60x70 mm |
| Flux          | 4000lm        | Body Color | SILVER        |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5381 Neutral White 4000K 3800156653818



NEW



5 Years

Warranty



Linkable

### LED Linear Suspended Light 40W Slim Linkable



Lumens



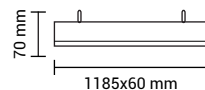
120°



LED

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN40-A3       | CRI        | Ra>80         |
| Watts         | 40W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1185x60x70 mm |
| Flux          | 4000lm        | Body Color | WHITE         |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5382 Neutral White 4000K 3800156653825



NEW



5 Years

Warranty

### LED Linear L-Shape Connector 8W Slim Linkable

Neutral White 4000K



Lumens



120°



LED

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN8-A3        | CRI        | Ra>80         |
| Watts         | 8W            | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 176x176x70 mm |
| Flux          | 800lm         | Body Shape | L-Shape       |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5027 Black Body 3800156653726 for SKU:5380  
 SKU: 5028 Silver Body 3800156653719 for SKU:5381  
 SKU: 5029 White Body 3800156653719 for SKU:5382

NEW



5 Years

Warranty

### LED Linear T-Shape Connector 12W Slim Linkable

Neutral White 4000K



Lumens



120°



LED

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN12-A3       | CRI        | Ra>80         |
| Watts         | 12W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 300x176x70 mm |
| Flux          | 1200lm        | Body Shape | T-Shape       |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5030 Black Body 3800156650305 for SKU:5380  
 SKU: 5036 Silver Body 3800156650367 for SKU:5381  
 SKU: 5037 White Body 3800156650374 for SKU:5382

NEW



5 Years

Warranty

### LED Linear X-Shape Connector 15W Slim Linkable

Neutral White 4000K



Lumens



120°

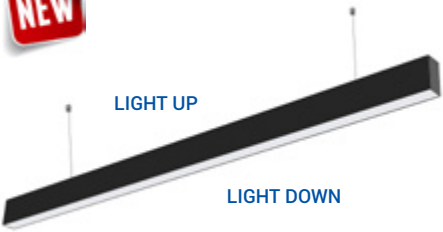


LED

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN15-A1       | CRI        | Ra>80         |
| Watts         | 15W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 300x300x70 mm |
| Flux          | 1500lm        | Body Shape | X-Shape       |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5038 Black Body 3800156650381 for SKU:5380  
 SKU: 5039 Silver Body 3800156650398 for SKU:5381  
 SKU: 5040 White Body 3800156650404 for SKU:5382

NEW



5 Years  
Warranty

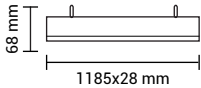


LED Linear Suspended Light  
50W UP-DOWN



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN50-A3       | CRI        | Ra>80         |
| Watts         | 50W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1185x28x68 mm |
| Flux          | 5000lm        | Body Color | BLACK         |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5383 Neutral White 4000K 3800156653832



NEW



5 Years  
Warranty



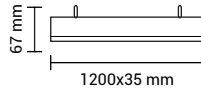
Connector  
SKU: 5047

LED Linear Suspended Light  
50W Linkable



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN50-A4       | CRI        | Ra>80         |
| Watts         | 50W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1200x35x67 mm |
| Flux          | 4500lm        | Body Color | BLACK         |
| Beam Angle    | 45°           | Dimmable   | NO            |

SKU: 5386 Neutral White 4000K 3800156653863



NEW



5 Years  
Warranty

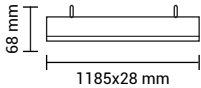


LED Linear Suspended Light  
50W UP-DOWN



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN50-A3       | CRI        | Ra>80         |
| Watts         | 50W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1185x28x68 mm |
| Flux          | 5000lm        | Body Color | SILVER        |
| Beam Angle    | 120°          | Dimmable   | NO            |

SKU: 5384 Neutral White 4000K 3800156653849



NEW



5 Years  
Warranty



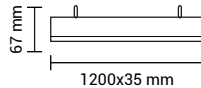
Connector  
SKU: 5047

LED Linear Suspended Light  
50W Linkabe

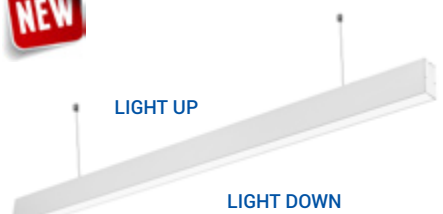


|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN50-A4       | CRI        | Ra>80         |
| Watts         | 50W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1200x35x67 mm |
| Flux          | 4500lm        | Body Color | SILVER        |
| Beam Angle    | 45°           | Dimmable   | NO            |

SKU: 5387 Neutral White 4000K 3800156653870



NEW



5 Years  
Warranty

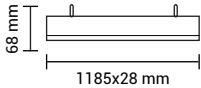


LED Linear Suspended Light  
50W UP-DOWN



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN50-A3       | CRI        | Ra>80         |
| Watts         | 50W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1185x28x68 mm |
| Flux          | 5000lm        | Body Color | WHITE         |
| Beam Angle    | 120°          | Dimmable   | NO            |

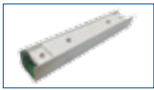
SKU: 5385 Neutral White 4000K 3800156653856



NEW



5 Years  
Warranty



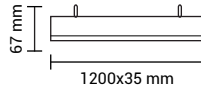
Connector  
SKU: 5047

LED Linear Suspended Light  
50W Linkable



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN50-A4       | CRI        | Ra>80         |
| Watts         | 50W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 1200x35x67 mm |
| Flux          | 4500lm        | Body Color | WHITE         |
| Beam Angle    | 45°           | Dimmable   | NO            |

SKU: 5388 Neutral White 4000K 3800156653887



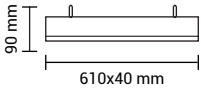


LED Wall washer for Tracks  
30W For 3 Phase 4 Line Tracks



|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | LN30-A3       | CRI        | Ra>80        |
| Watts         | 30W           | IP Rating  | IP20         |
| Input Voltage | AC : 200-240V | Dimension  | 610x40x90 mm |
| Flux          | 2700lm        | Body Color | BLACK        |
| Beam Angle    | 24°           | Dimmable   | NO           |

SKU: 5389 Neutral White 4000K 3800156653894

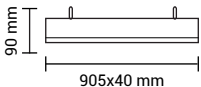


LED Wall washer for Tracks  
40W For 3 Phase 4 Line Tracks



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | LN40-A4       | CRI        | Ra>80         |
| Watts         | 50W           | IP Rating  | IP20          |
| Input Voltage | AC : 200-240V | Dimension  | 9050x40x90 mm |
| Flux          | 3600lm        | Body Color | BLACK         |
| Beam Angle    | 24°           | Dimmable   | NO            |

SKU: 5390 Neutral White 4000K 3800156653900

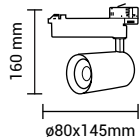


LED COB Track Light  
25W For 3 Phase 4 Line Tracks



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | FL25-A1       | CRI        | Ra>80         |
| Watts         | 25W           | IP Rating  | IP20          |
| Input Voltage | AC : 220-240V | Dimension  | ø80x145x160mm |
| Flux          | 2750lm        | Body Color | WHITE         |
| Beam Angle    | 24°           |            |               |

SKU: 5321 White Light 5000K 3800156653214  
SKU: 5322 Neutral White 4500K 3800156653221  
SKU: 5323 Warm White 3000K 3800156653238

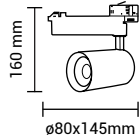


LED COB Track Light  
25W For 3 Phase 4 Line Tracks



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | FL25-A1       | CRI        | Ra>80         |
| Watts         | 25W           | IP Rating  | IP20          |
| Input Voltage | AC : 220-240V | Dimension  | ø80x145x160mm |
| Flux          | 2750lm        | Body Color | BLACK         |
| Beam Angle    | 24°           |            |               |

SKU: 5327 White Light 5000K 3800156653276  
SKU: 5328 Neutral White 4500K 3800156653283  
SKU: 5329 Warm White 3000K 3800156653290

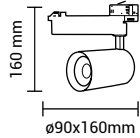


LED COB Track Light  
35W For 3 Phase 4 Line Tracks



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | WL35-A1       | CRI        | Ra>80         |
| Watts         | 35W           | IP Rating  | IP20          |
| Input Voltage | AC : 220-240V | Dimension  | ø90x160x160mm |
| Flux          | 3850lm        | Body Color | WHITE         |
| Beam Angle    | 24°           |            |               |

SKU: 5324 White Light 5000K 3800156653245  
SKU: 5325 Neutral White 4500K 3800156653252  
SKU: 5326 Warm White 3000K 3800156653269

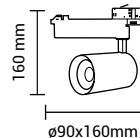


LED COB Track Light  
35W For 3 Phase 4 Line Tracks



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | WL35-A1       | CRI        | Ra>80         |
| Watts         | 35W           | IP Rating  | IP20          |
| Input Voltage | AC : 220-240V | Dimension  | ø90x160x160mm |
| Flux          | 3850lm        | Body Color | BLACK         |
| Beam Angle    | 24°           |            |               |

SKU: 5330 White Light 5000K 3800156653306  
SKU: 5331 Neutral White 4500K 3800156653313  
SKU: 5332 Warm White 3000K 3800156653320





ACCESSORIES FOR TRACK LIGHTS



TRACK SYSTEM - 1M WHITE  
SKU: 5153



TRACK SYSTEM - 1M BLACK  
SKU: 5154



TRACK SYSTEM - 2M WHITE  
SKU: 5156



TRACK SYSTEM - 2M BLACK  
SKU: 5155



CONNECTOP ANGLE - WHITE  
SKU: 5159



CONNECTOP LINE - BLACK  
SKU: 5157



CONNECTOP ANGLE - WHITE  
SKU: 5160



CONNECTOP ANGLE - BLACK  
SKU: 5158



ACCESSORIES FOR 3-PHASE TRACK LIGHTS



TRACK SYSTEM 3PHASES - 1M WHITE  
SKU: 5007



TRACK SYSTEM 3PHASES - 1M BLACK  
SKU: 5009



TRACK SYSTEM 3PHASES - 2M WHITE  
SKU: 5008



TRACK SYSTEM 3PHASES - 2M BLACK  
SKU: 5010



STRAIGHT CONNECTOR WHITE  
SKU: 5013



MINI STRAIGHT CONNECTOR WHITE  
SKU: 5011



T-CONNECTOR WHITE  
SKU: 5017



END CAP WHITE  
SKU: 5023



STRAIGHT CONNECTOR BLACK  
SKU: 5014



MINI STRAIGHT CONNECTOR BLACK  
SKU: 5012



T-CONNECTOR BLACK  
SKU: 5018



END CAP BLACK  
SKU: 5024



L-FEEDER WHITE  
SKU: 5019



L-CONNECTOR WHITE  
SKU: 5015



X-CONNECTOR WHITE  
SKU: 5021



FLEXIBLE CONNECTOR WHITE  
SKU: 5025



L-FEEDER BLACK  
SKU: 5020



L-CONNECTOR BLACK  
SKU: 5016



X-CONNECTOR BLACK  
SKU: 5022



FLEXIBLE CONNECTOR BLACK  
SKU: 5026





LED Floodlights are commonly used for outdoor lighting large areas. Applicable for villas and country houses, LED floodlights are number one choice for gardens and large open spaces.

Features:

- Up to 80% power saving
- High power and IP65 rating
- Large beam angles for single product lighting
- Wall or pylon mountable
- Tough and reliable
- Options with solar panels

Application:

- Outdoor lighting
- Large area coverage
- Houses or warehouse usage

## LED FLOODLIGHTS



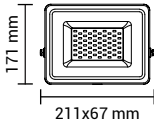
NEW



LED SMD FLOODLIGHT PF>0.9  
With Solar Panels and Remote Control



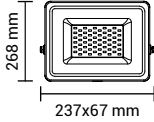
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| Product code | FL12-A6     | Beam Angle | 120°  |
| EQ.Watts     | 50W         | CRI        | Ra>80 |
| Battery      | 3.2V / 11Ah | IP Rating  | IP65  |
| Flux         | 800lm       | Body Color | Black |



SKU: 5465 White Light 6000K 3800156654655



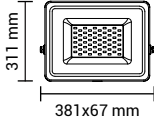
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| Product code | FL35-A6       | Beam Angle | 120°  |
| EQ.Watts     | 100W          | CRI        | Ra>80 |
| Battery      | 6.4V / 16.5Ah | IP Rating  | IP65  |
| Flux         | 2000lm        | Body Color | Black |



SKU: 5466 White Light 6000K 3800156654662



|              |             |            |       |
|--------------|-------------|------------|-------|
| Product code | FL40-A6     | Beam Angle | 120°  |
| EQ.Watts     | 150W        | CRI        | Ra>80 |
| Battery      | 6.4V / 22Ah | IP Rating  | IP65  |
| Flux         | 2900lm      | Body Color | Black |



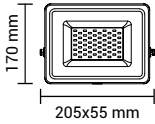
SKU: 5467 White Light 6000K 3800156654679



LED SMD FLOODLIGHT PF>0.9  
With Solar Panels and Remote Control



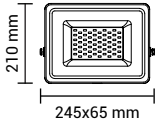
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|--------------|--------------|------------|-------|
| Product code | FL25-A6      | Beam Angle | 120°  |
| EQ.Watts     | 10W          | CRI        | Ra>80 |
| Battery      | 3.2V / 5.5Ah | IP Rating  | IP65  |
| Flux         | 500lm        | Body Color | Black |



SKU: 5460 White Light 6000K 3800156654600



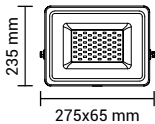
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| Product code | FL40-A6     | Beam Angle | 120°  |
| EQ.Watts     | 40W         | CRI        | Ra>80 |
| Battery      | 3.2V / 11Ah | IP Rating  | IP65  |
| Flux         | 800lm       | Body Color | Black |



SKU: 5461 White Light 6000K 3800156654617



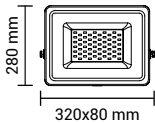
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|--------------|-------------|------------|-------|
| Product code | FL60-B2     | Beam Angle | 120°  |
| EQ.Watts     | 60W         | CRI        | Ra>80 |
| Battery      | 6.4V / 11Ah | IP Rating  | IP65  |
| Flux         | 1200lm      | Body Color | Black |



SKU: 5462 White Light 6000K 3800156654624



|              |               |            |       |
|--------------|---------------|------------|-------|
| Product code | FL100-B2      | Beam Angle | 120°  |
| EQ.Watts     | 100W          | CRI        | Ra>80 |
| Battery      | 6.4V / 16.5Ah | IP Rating  | IP65  |
| Flux         | 2000lm        | Body Color | Black |



SKU: 5463 White Light 6000K 3800156654631





5  
Years  
Warranty

HIGH  
Lumens

IP65

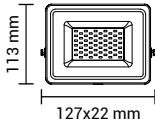


Power Cable Lenght-0.70m

LED SMD FLOODLIGHT PF>0.9  
Premium Line - White Body

10W  
850  
Lumens

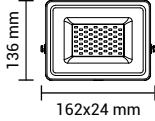
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|---------------|---------------|------------|-------|
| Product code  | FL10-A5       | Beam Angle | 150°  |
| Watts         | 10W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 850lm         | Body Color | White |



SKU: 5865 White Light 6000K 3800156658653  
SKU: 5866 Neutral White 4500K 3800156658660  
SKU: 5867 Warm White 2800K 3800156658677

20W  
1700  
Lumens

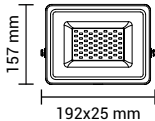
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| Product code  | FL20-A5       | Beam Angle | 150°  |
| Watts         | 20W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 1700lm        | Body Color | White |



SKU: 5868 White Light 6000K 3800156658684  
SKU: 5869 Neutral White 4500K 3800156658691  
SKU: 5870 Warm White 2800K 3800156658707

30W  
2500  
Lumens

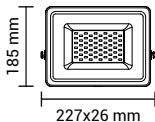
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|---------------|---------------|------------|-------|
| Product code  | FL30-A5       | Beam Angle | 150°  |
| Watts         | 30W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 2500lm        | Body Color | White |



SKU: 5871 White Light 6000K 3800156658714  
SKU: 5872 Neutral White 4500K 3800156658721  
SKU: 5873 Warm White 2800K 3800156658738

50W  
4250  
Lumens

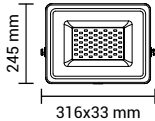
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| Product code  | FL50-A5       | Beam Angle | 150°  |
| Watts         | 50W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 4250lm        | Body Color | White |



SKU: 5874 White Light 6000K 3800156658745  
SKU: 5875 Neutral White 4500K 3800156658752  
SKU: 5876 Warm White 2800K 3800156658769

100W  
8500  
Lumens

|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL100-A5      | Beam Angle | 150°  |
| Watts         | 100W          | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 8500lm        | Body Color | White |



SKU: 5877 White Light 6000K 3800156658776  
SKU: 5878 Neutral White 4500K 3800156658783  
SKU: 5879 Warm White 2800K 3800156658790



5  
Years  
Warranty

HIGH  
Lumens

IP65

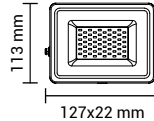


Power Cable Lenght-0.70m

LED SMD FLOODLIGHT PF>0.9  
Premium Line - Black Body

10W  
850  
Lumens

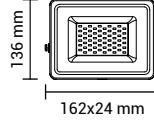
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|---------------|---------------|------------|-------|
| Product code  | FL10-A5       | Beam Angle | 150°  |
| Watts         | 10W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 850lm         | Body Color | Black |



SKU: 5880 White Light 6000K 3800156658806  
SKU: 5881 Neutral White 4500K 3800156658813  
SKU: 5882 Warm White 2800K 3800156658820

20W  
1700  
Lumens

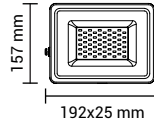
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|---------------|---------------|------------|-------|
| Product code  | FL20-A5       | Beam Angle | 150°  |
| Watts         | 20W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 1700lm        | Body Color | Black |



SKU: 5883 White Light 6000K 3800156658837  
SKU: 5884 Neutral White 4500K 3800156658844  
SKU: 5885 Warm White 2800K 3800156658851

30W  
2500  
Lumens

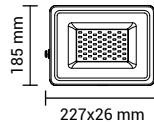
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| Product code  | FL30-A5       | Beam Angle | 150°  |
| Watts         | 30W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 2500lm        | Body Color | Black |



SKU: 5886 White Light 6000K 3800156658868  
SKU: 5887 Neutral White 4500K 3800156658875  
SKU: 5888 Warm White 2800K 3800156658882

50W  
4250  
Lumens

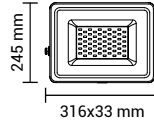
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| Product code  | FL50-A5       | Beam Angle | 150°  |
| Watts         | 50W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 4250lm        | Body Color | Black |



SKU: 5889 White Light 6000K 3800156658899  
SKU: 5890 Neutral White 4500K 3800156658905  
SKU: 5891 Warm White 2800K 3800156658912

100W  
8500  
Lumens

|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL100-A5      | Beam Angle | 150°  |
| Watts         | 100W          | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 8500lm        | Body Color | Black |



SKU: 5892 White Light 6000K 3800156658929  
SKU: 5893 Neutral White 4500K 3800156658936  
SKU: 5894 Warm White 2800K 3800156658943

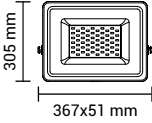


Power Cable Lenght-1.00m

LED SMD FLOODLIGHT PF>0.9  
Premium Line - White Body



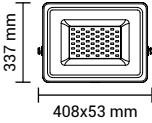
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL150-A5      | Beam Angle | 150°  |
| Watts         | 150W          | CRI        | Ra>80 |
| Input Voltage | AC : 100-240V | IP Rating  | IP65  |
| Flux          | 18000lm       | Body Color | White |



SKU: 5765 White Light 6000K 3800156657861  
SKU: 5787 Neutral White 4500K 3800156657878



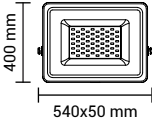
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL200-A5      | Beam Angle | 150°  |
| Watts         | 200W          | CRI        | Ra>80 |
| Input Voltage | AC : 100-240V | IP Rating  | IP65  |
| Flux          | 24000lm       | Body Color | White |



SKU: 5788 White Light 6000K 3800156657885  
SKU: 5789 Neutral White 4500K 3800156657892



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL300-A5      | Beam Angle | 150°  |
| Watts         | 300W          | CRI        | Ra>80 |
| Input Voltage | AC : 100-240V | IP Rating  | IP65  |
| Flux          | 36000lm       | Body Color | White |



SKU: 5790 White Light 6000K 3800156657908  
SKU: 5791 Neutral White 4500K 3800156657915

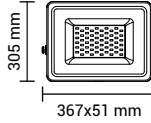


Power Cable Lenght-1.00m

LED SMD FLOODLIGHT PF>0.9  
Premium Line - Black Body



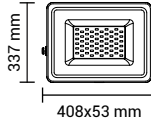
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| Product code  | FL150-A5      | Beam Angle | 150°  |
| Watts         | 150W          | CRI        | Ra>80 |
| Input Voltage | AC : 100-240V | IP Rating  | IP65  |
| Flux          | 18000lm       | Body Color | Black |



SKU: 5792 White Light 6000K 3800156657922  
SKU: 5793 Neutral White 4500K 3800156657939



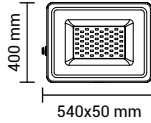
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| Product code  | FL200-A5      | Beam Angle | 150°  |
| Watts         | 200W          | CRI        | Ra>80 |
| Input Voltage | AC : 100-240V | IP Rating  | IP65  |
| Flux          | 24000lm       | Body Color | Black |



SKU: 5794 White Light 6000K 3800156657946  
SKU: 5795 Neutral White 4500K 3800156657953



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL300-A5      | Beam Angle | 150°  |
| Watts         | 300W          | CRI        | Ra>80 |
| Input Voltage | AC : 100-240V | IP Rating  | IP65  |
| Flux          | 36000lm       | Body Color | Black |



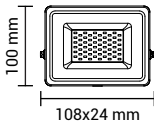
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SKU: 5797 Neutral White 4500K 3800156657977



LED SMD FLOODLIGHT  
City Line - White Body



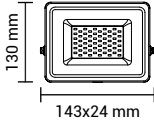
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| Product code  | FL10-B1       | Beam Angle   | 120°  |
| Watts         | 10W           | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 800lm         | Cutting Size | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5900 | White Light   | 6000K | 3800156659001 |
| SKU: 5901 | Neutral White | 4500K | 3800156659018 |
| SKU: 5902 | Warm White    | 2800K | 3800156659025 |



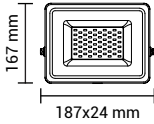
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| Product code  | FL20-B1       | Beam Angle   | 120°  |
| Watts         | 20W           | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 1600lm        | Cutting Size | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5903 | White Light   | 6000K | 3800156659032 |
| SKU: 5904 | Neutral White | 4500K | 3800156659049 |
| SKU: 5905 | Warm White    | 2800K | 3800156659056 |



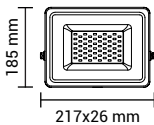
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| Product code  | FL30-B1       | Beam Angle   | 120°  |
| Watts         | 30W           | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 2400lm        | Cutting Size | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5906 | White Light   | 6000K | 3800156659063 |
| SKU: 5907 | Neutral White | 4500K | 3800156659070 |
| SKU: 5908 | Warm White    | 2800K | 3800156659087 |



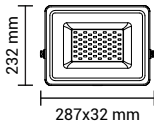
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| Product code  | FL50-B1       | Beam Angle   | 120°  |
| Watts         | 50W           | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 4000lm        | Cutting Size | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5909 | White Light   | 6000K | 3800156659094 |
| SKU: 5910 | Neutral White | 4500K | 3800156659100 |
| SKU: 5911 | Warm White    | 2800K | 3800156659117 |



|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | FL100-B1      | Beam Angle   | 120°  |
| Watts         | 100W          | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 8000lm        | Cutting Size | White |



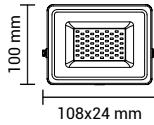
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| SKU: 5912 | White Light   | 6000K | 3800156659124 |
| SKU: 5913 | Neutral White | 4500K | 3800156659131 |
| SKU: 5914 | Warm White    | 2800K | 3800156659148 |



LED SMD FLOODLIGHT  
City Line - Black Body



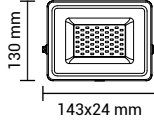
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| Product code  | FL10-B1       | Beam Angle   | 120°  |
| Watts         | 10W           | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 800lm         | Cutting Size | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5915 | White Light   | 6000K | 3800156659155 |
| SKU: 5916 | Neutral White | 4500K | 3800156659162 |
| SKU: 5917 | Warm White    | 2800K | 3800156659179 |



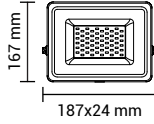
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| Product code  | FL20-B1       | Beam Angle   | 120°  |
| Watts         | 20W           | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 1600lm        | Cutting Size | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5918 | White Light   | 6000K | 3800156659186 |
| SKU: 5919 | Neutral White | 4500K | 3800156659193 |
| SKU: 5920 | Warm White    | 2800K | 3800156659209 |



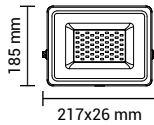
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| Product code  | FL30-B1       | Beam Angle   | 120°  |
| Watts         | 30W           | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 2400lm        | Cutting Size | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5921 | White Light   | 6000K | 3800156659216 |
| SKU: 5922 | Neutral White | 4500K | 3800156659223 |
| SKU: 5923 | Warm White    | 2800K | 3800156659230 |



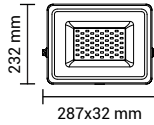
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| Product code  | FL50-B1       | Beam Angle   | 120°  |
| Watts         | 50W           | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 4000lm        | Cutting Size | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5924 | White Light   | 6000K | 3800156659247 |
| SKU: 5925 | Neutral White | 4500K | 3800156659254 |
| SKU: 5926 | Warm White    | 2800K | 3800156659261 |



|               |               |              |       |
|---------------|---------------|--------------|-------|
| Product code  | FL100-B1      | Beam Angle   | 120°  |
| Watts         | 100W          | CRI          | Ra>80 |
| Input Voltage | AC : 220-240V | IP Rating    | IP65  |
| Flux          | 8000lm        | Cutting Size | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5927 | White Light   | 6000K | 3800156659278 |
| SKU: 5928 | Neutral White | 4500K | 3800156659285 |
| SKU: 5929 | Warm White    | 2800K | 3800156659292 |

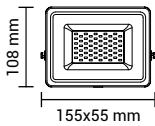




LED SMD FLOODLIGHT  
Classic Line 2 - White Body  
With PIR Sensor



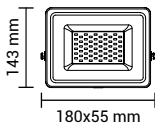
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| Product code  | FL10-B2       | Beam Angle | 120°  |
| Watts         | 10W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-265V | IP Rating  | IP65  |
| Flux          | 800lm         | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5930 | White Light   | 6000K | 3800156659308 |
| SKU: 5931 | Neutral White | 4500K | 3800156659315 |
| SKU: 5932 | Warm White    | 2800K | 3800156659322 |



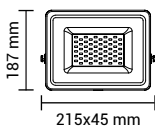
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| Product code  | FL20-B2       | Beam Angle | 120°  |
| Watts         | 20W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-265V | IP Rating  | IP65  |
| Flux          | 1600lm        | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5933 | White Light   | 6000K | 3800156659339 |
| SKU: 5934 | Neutral White | 4500K | 3800156659346 |
| SKU: 5935 | Warm White    | 2800K | 3800156659353 |



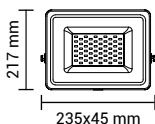
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| Product code  | FL30-B2       | Beam Angle | 120°  |
| Watts         | 30W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-265V | IP Rating  | IP65  |
| Flux          | 2400lm        | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5936 | White Light   | 6000K | 3800156659360 |
| SKU: 5937 | Neutral White | 4500K | 3800156659377 |
| SKU: 5938 | Warm White    | 2800K | 3800156659384 |



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL50-B2       | Beam Angle | 120°  |
| Watts         | 50W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-265V | IP Rating  | IP65  |
| Flux          | 4000lm        | Body Color | White |



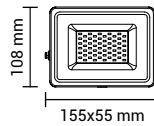
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|-----------|---------------|-------|---------------|
| SKU: 5939 | White Light   | 6000K | 3800156659391 |
| SKU: 5940 | Neutral White | 4500K | 3800156659407 |



LED SMD FLOODLIGHT  
Classic Line 2 - Black Body  
With PIR Sensor



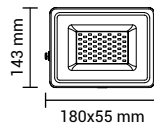
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| Product code  | FL10-B2       | Beam Angle | 120°  |
| Watts         | 10W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-265V | IP Rating  | IP65  |
| Flux          | 800lm         | Body Color | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5941 | White Light   | 6000K | 3800156659308 |
| SKU: 5942 | Neutral White | 4500K | 3800156659315 |
| SKU: 5943 | Warm White    | 2800K | 3800156659322 |



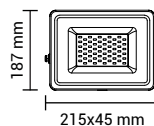
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| Product code  | FL20-B2       | Beam Angle | 120°  |
| Watts         | 20W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-265V | IP Rating  | IP65  |
| Flux          | 1600lm        | Body Color | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5944 | White Light   | 6000K | 3800156659339 |
| SKU: 5945 | Neutral White | 4500K | 3800156659346 |
| SKU: 5946 | Warm White    | 2800K | 3800156659353 |



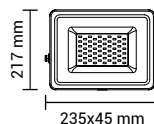
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| Product code  | FL30-B2       | Beam Angle | 120°  |
| Watts         | 30W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-265V | IP Rating  | IP65  |
| Flux          | 2400lm        | Body Color | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5947 | White Light   | 6000K | 3800156659360 |
| SKU: 5948 | Neutral White | 4500K | 3800156659377 |
| SKU: 5949 | Warm White    | 2800K | 3800156659384 |



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL50-B2       | Beam Angle | 120°  |
| Watts         | 50W           | CRI        | Ra>80 |
| Input Voltage | AC : 220-265V | IP Rating  | IP65  |
| Flux          | 4000lm        | Body Color | Black |



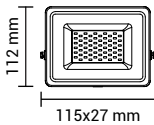
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| SKU: 5950 | White Light   | 6000K | 3800156659391 |
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LED SMD FLOODLIGHT  
Classic Line 2 - White Body



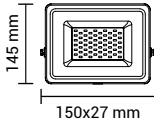
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| Product code  | FL10-A3       | Beam Angle | 100°  |
| Watts         | 10W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 850lm         | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5801 | White Light   | 6000K | 3800156658011 |
| SKU: 5802 | Neutral White | 4500K | 3800156658028 |
| SKU: 5803 | Warm White    | 2800K | 3800156658035 |



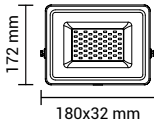
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|---------------|---------------|------------|-------|
| Product code  | FL20-A3       | Beam Angle | 100°  |
| Watts         | 20W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 1700lm        | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5804 | White Light   | 6000K | 3800156658042 |
| SKU: 5805 | Neutral White | 4500K | 3800156658059 |
| SKU: 5806 | Warm White    | 2800K | 3800156658066 |



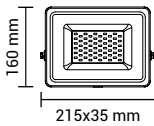
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| Product code  | FL30-A3       | Beam Angle | 100°  |
| Watts         | 30W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 2500lm        | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5807 | White Light   | 6000K | 3800156658073 |
| SKU: 5808 | Neutral White | 4500K | 3800156658080 |
| SKU: 5809 | Warm White    | 2800K | 3800156658097 |



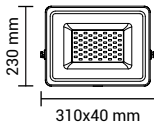
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| Product code  | FL50-A3       | Beam Angle | 100°  |
| Watts         | 50W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 4250lm        | Body Color | White |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5810 | White Light   | 6000K | 3800156658103 |
| SKU: 5811 | Neutral White | 4500K | 3800156658110 |
| SKU: 5812 | Warm White    | 2800K | 3800156658127 |



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL100-A3      | Beam Angle | 100°  |
| Watts         | 100W          | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 8500lm        | Body Color | White |



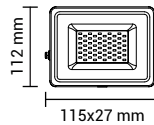
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| SKU: 5816 | White Light   | 6000K | 3800156658165 |
| SKU: 5817 | Neutral White | 4500K | 3800156658172 |



LED SMD FLOODLIGHT  
Classic Line 2 - Black Body



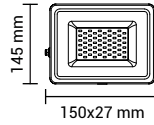
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|---------------|---------------|------------|-------|
| Product code  | FL10-A3       | Beam Angle | 100°  |
| Watts         | 10W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 850lm         | Body Color | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5821 | White Light   | 6000K | 3800156658219 |
| SKU: 5822 | Neutral White | 4500K | 3800156658226 |
| SKU: 5823 | Warm White    | 2800K | 3800156658233 |



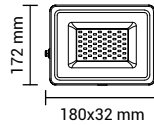
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|---------------|---------------|------------|-------|
| Product code  | FL20-A3       | Beam Angle | 100°  |
| Watts         | 20W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 1700lm        | Body Color | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5824 | White Light   | 6000K | 3800156658240 |
| SKU: 5825 | Neutral White | 4500K | 3800156658257 |
| SKU: 5826 | Warm White    | 2800K | 3800156658264 |



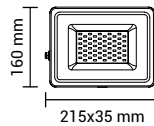
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|---------------|---------------|------------|-------|
| Product code  | FL30-A3       | Beam Angle | 100°  |
| Watts         | 30W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 2500lm        | Body Color | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5827 | White Light   | 6000K | 3800156658271 |
| SKU: 5828 | Neutral White | 4500K | 3800156658288 |
| SKU: 5829 | Warm White    | 2800K | 3800156658295 |



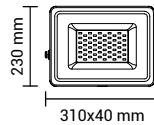
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL50-A3       | Beam Angle | 100°  |
| Watts         | 50W           | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 4250lm        | Body Color | Black |



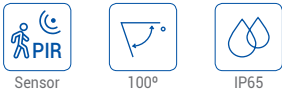
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|-----------|---------------|-------|---------------|
| SKU: 5830 | White Light   | 6000K | 3800156658301 |
| SKU: 5831 | Neutral White | 4500K | 3800156658318 |
| SKU: 5832 | Warm White    | 2800K | 3800156658325 |



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL100-A3      | Beam Angle | 100°  |
| Watts         | 100W          | CRI        | Ra>80 |
| Input Voltage | AC : 175-265V | IP Rating  | IP65  |
| Flux          | 8500lm        | Body Color | Black |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 5836 | White Light   | 6000K | 3800156658363 |
| SKU: 5837 | Neutral White | 4500K | 3800156658370 |



LED SMD FLOODLIGHT  
Classic Line 2 - White Body  
With PIR Sensor

|                                                             |               |               |            |       |                                                    |                                                                                                                                      |
|-------------------------------------------------------------|---------------|---------------|------------|-------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <div>10W</div> <div></div> <div>850</div> <div>Lumens</div> | Product code  | FL10-A4       | Beam Angle | 100°  | <div>113 mm</div> <div></div> <div>135x30 mm</div> | SKU: 5841 White Light 6000K 3800156658417<br>SKU: 5842 Neutral White 4500K 3800156658424<br>SKU: 5843 Warm White 2800K 3800156658431 |
|                                                             | Watts         | 10W           | CRI        | Ra>80 |                                                    |                                                                                                                                      |
|                                                             | Input Voltage | AC : 170-265V | IP Rating  | IP65  |                                                    |                                                                                                                                      |
|                                                             | Flux          | 850lm         | Body Color | White |                                                    |                                                                                                                                      |

|                                                              |               |               |            |       |                                                    |                                                                                                                                      |
|--------------------------------------------------------------|---------------|---------------|------------|-------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <div>20W</div> <div></div> <div>1700</div> <div>Lumens</div> | Product code  | FL20-A4       | Beam Angle | 100°  | <div>150 mm</div> <div></div> <div>168x30 mm</div> | SKU: 5844 White Light 6000K 3800156658448<br>SKU: 5845 Neutral White 4500K 3800156658455<br>SKU: 5846 Warm White 2800K 3800156658462 |
|                                                              | Watts         | 20W           | CRI        | Ra>80 |                                                    |                                                                                                                                      |
|                                                              | Input Voltage | AC : 170-265V | IP Rating  | IP65  |                                                    |                                                                                                                                      |
|                                                              | Flux          | 1700lm        | Body Color | White |                                                    |                                                                                                                                      |

|                                                              |               |               |            |       |                                                    |                                                                                                                                      |
|--------------------------------------------------------------|---------------|---------------|------------|-------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <div>30W</div> <div></div> <div>2550</div> <div>Lumens</div> | Product code  | FL30-A4       | Beam Angle | 100°  | <div>178 mm</div> <div></div> <div>180x35 mm</div> | SKU: 5847 White Light 6000K 3800156658479<br>SKU: 5848 Neutral White 4500K 3800156658486<br>SKU: 5849 Warm White 2800K 3800156658493 |
|                                                              | Watts         | 30W           | CRI        | Ra>80 |                                                    |                                                                                                                                      |
|                                                              | Input Voltage | AC : 170-265V | IP Rating  | IP65  |                                                    |                                                                                                                                      |
|                                                              | Flux          | 2550lm        | Body Color | White |                                                    |                                                                                                                                      |

|                                                              |               |               |            |       |                                                    |                                                                                          |
|--------------------------------------------------------------|---------------|---------------|------------|-------|----------------------------------------------------|------------------------------------------------------------------------------------------|
| <div>50W</div> <div></div> <div>4500</div> <div>Lumens</div> | Product code  | FL50-A4       | Beam Angle | 100°  | <div>214 mm</div> <div></div> <div>203x35 mm</div> | SKU: 5850 White Light 6000K 3800156658509<br>SKU: 5851 Neutral White 4500K 3800156658516 |
|                                                              | Watts         | 50W           | CRI        | Ra>80 |                                                    |                                                                                          |
|                                                              | Input Voltage | AC : 170-265V | IP Rating  | IP65  |                                                    |                                                                                          |
|                                                              | Flux          | 4500lm        | Body Color | White |                                                    |                                                                                          |



LED SMD FLOODLIGHT  
Classic Line 2 - Black Body  
With PIR Sensor

|                                                             |               |               |            |       |                                                    |                                                                                                                                      |
|-------------------------------------------------------------|---------------|---------------|------------|-------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <div>10W</div> <div></div> <div>850</div> <div>Lumens</div> | Product code  | FL10-A4       | Beam Angle | 100°  | <div>113 mm</div> <div></div> <div>135x30 mm</div> | SKU: 5853 White Light 6000K 3800156658417<br>SKU: 5854 Neutral White 4500K 3800156658424<br>SKU: 5855 Warm White 2800K 3800156658431 |
|                                                             | Watts         | 10W           | CRI        | Ra>80 |                                                    |                                                                                                                                      |
|                                                             | Input Voltage | AC : 170-265V | IP Rating  | IP65  |                                                    |                                                                                                                                      |
|                                                             | Flux          | 850lm         | Body Color | Black |                                                    |                                                                                                                                      |

|                                                              |               |               |            |       |                                                    |                                                                                                                                      |
|--------------------------------------------------------------|---------------|---------------|------------|-------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <div>20W</div> <div></div> <div>1700</div> <div>Lumens</div> | Product code  | FL20-A4       | Beam Angle | 100°  | <div>150 mm</div> <div></div> <div>168x30 mm</div> | SKU: 5856 White Light 6000K 3800156658448<br>SKU: 5857 Neutral White 4500K 3800156658455<br>SKU: 5858 Warm White 2800K 3800156658462 |
|                                                              | Watts         | 20W           | CRI        | Ra>80 |                                                    |                                                                                                                                      |
|                                                              | Input Voltage | AC : 170-265V | IP Rating  | IP65  |                                                    |                                                                                                                                      |
|                                                              | Flux          | 1700lm        | Body Color | Black |                                                    |                                                                                                                                      |

|                                                              |               |               |            |       |                                                    |                                                                                                                                      |
|--------------------------------------------------------------|---------------|---------------|------------|-------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <div>30W</div> <div></div> <div>2550</div> <div>Lumens</div> | Product code  | FL30-A4       | Beam Angle | 100°  | <div>178 mm</div> <div></div> <div>180x35 mm</div> | SKU: 5859 White Light 6000K 3800156658479<br>SKU: 5860 Neutral White 4500K 3800156658486<br>SKU: 5861 Warm White 2800K 3800156658493 |
|                                                              | Watts         | 30W           | CRI        | Ra>80 |                                                    |                                                                                                                                      |
|                                                              | Input Voltage | AC : 170-265V | IP Rating  | IP65  |                                                    |                                                                                                                                      |
|                                                              | Flux          | 2550lm        | Body Color | Black |                                                    |                                                                                                                                      |

|                                                              |               |               |            |       |                                                    |                                                                                          |
|--------------------------------------------------------------|---------------|---------------|------------|-------|----------------------------------------------------|------------------------------------------------------------------------------------------|
| <div>50W</div> <div></div> <div>4500</div> <div>Lumens</div> | Product code  | FL50-A4       | Beam Angle | 100°  | <div>214 mm</div> <div></div> <div>203x35 mm</div> | SKU: 5862 White Light 6000K 3800156658509<br>SKU: 5863 Neutral White 4500K 3800156658516 |
|                                                              | Watts         | 50W           | CRI        | Ra>80 |                                                    |                                                                                          |
|                                                              | Input Voltage | AC : 170-265V | IP Rating  | IP65  |                                                    |                                                                                          |
|                                                              | Flux          | 4500lm        | Body Color | Black |                                                    |                                                                                          |



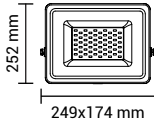


LED SMD FLOODLIGHT  
On Stand - Foldable



20W  
1600  
Lumens

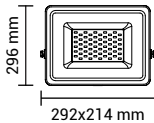
|               |               |            |        |
|---------------|---------------|------------|--------|
| Product code  | FL20-A8       | Beam Angle | 120°   |
| Watts         | 20W           | CRI        | Ra>80  |
| Input Voltage | AC : 200-240V | IP Rating  | IP65   |
| Flux          | 1600lm        | Body Color | Yellow |



SKU: 5403 White Light 6000K 3800156654037

30W  
2400  
Lumens

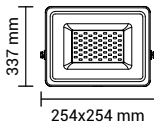
|               |               |            |        |
|---------------|---------------|------------|--------|
| Product code  | FL30-A8       | Beam Angle | 120°   |
| Watts         | 30W           | CRI        | Ra>80  |
| Input Voltage | AC : 200-240V | IP Rating  | IP65   |
| Flux          | 2400lm        | Body Color | Yellow |



SKU: 5404 White Light 6000K 3800156654044

50W  
4000  
Lumens

|               |               |            |        |
|---------------|---------------|------------|--------|
| Product code  | FL50-A8       | Beam Angle | 120°   |
| Watts         | 50W           | CRI        | Ra>80  |
| Input Voltage | AC : 200-240V | IP Rating  | IP65   |
| Flux          | 4000lm        | Body Color | Yellow |



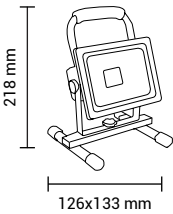
SKU: 5405 White Light 6000K 3800156654051



PORTABLE LED SMD FLOODLIGHT 10W  
Rechargeable + Battery



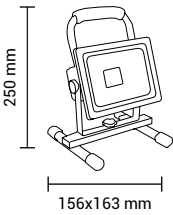
|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | FL10-A8       | Beam Angle | 120°         |
| Watts         | 10W           | CRI        | Ra>80        |
| Input Voltage | AC : 200-240V | IP Rating  | IP44         |
| Flux          | 600lm         | Body Color | Yellow+Black |



SKU: 5401 White Light 6000K 3800156654013



|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | FL20-A8       | Beam Angle | 120°         |
| Watts         | 20W           | CRI        | Ra>80        |
| Input Voltage | AC : 200-240V | IP Rating  | IP44         |
| Flux          | 1200lm        | Body Color | Yellow+Black |



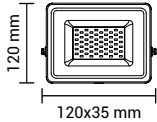
SKU: 5402 White Light 6000K 3800156654020



LED RGB FLOODLIGHT  
With Remote Control

10W  
800  
Lumens

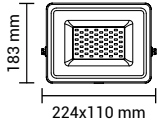
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL10-A1       | Beam Angle | 120°  |
| Watts         | 20W           | CRI        | Ra>80 |
| Input Voltage | AC : 200-240V | IP Rating  | IP66  |
| Flux          | 800lm         | Body Color | Black |



SKU: 5210 RGB 3800156652101

30W  
2400  
Lumens

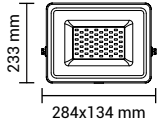
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL30-A1       | Beam Angle | 120°  |
| Watts         | 30W           | CRI        | Ra>80 |
| Input Voltage | AC : 200-240V | IP Rating  | IP66  |
| Flux          | 2400lm        | Body Color | Black |



SKU: 5212 RGB 3800156652125

50W  
4000  
Lumens

|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | FL50-A1       | Beam Angle | 120°  |
| Watts         | 50W           | CRI        | Ra>80 |
| Input Voltage | AC : 200-240V | IP Rating  | IP66  |
| Flux          | 4000lm        | Body Color | Black |



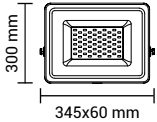
SKU: 5233 RGB 3800156652330



LED SMD5730 FLOODLIGHT PF>0.9  
Dual Voltage With Terminal Block

100W  
9000  
Lumens

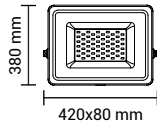
|               |              |            |       |
|---------------|--------------|------------|-------|
| Product code  | FL100-A9     | Beam Angle | 120°  |
| Watts         | 100W         | CRI        | Ra>80 |
| Input Voltage | AC : 85-265V | IP Rating  | IP65  |
| Flux          | 9000lm       | Body Color | Black |



SKU: 5277 White Light 6000K 3800156652774

200W  
18000  
Lumens

|               |              |            |       |
|---------------|--------------|------------|-------|
| Product code  | FL200-A9     | Beam Angle | 120°  |
| Watts         | 200W         | CRI        | Ra>80 |
| Input Voltage | AC : 85-265V | IP Rating  | IP65  |
| Flux          | 18000lm      | Body Color | Black |



SKU: 5279 White Light 6000K 3800156652798





LED SMD FLOODLIGHT PF>0.9  
High Line - Driverless



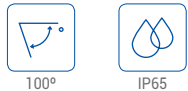
|                                         |               |               |            |       |  |                                                                                         |
|-----------------------------------------|---------------|---------------|------------|-------|--|-----------------------------------------------------------------------------------------|
| <b>20W</b><br><br><b>1800</b><br>Lumens | Product code  | FL10-A7       | Beam Angle | 120°  |  | SKU: 5472 White Light  6000K 3800156654723<br>SKU: 5473 Warm White  2800K 3800156654730 |
|                                         | Watts         | 20W           | CRI        | Ra>80 |  |                                                                                         |
|                                         | Input Voltage | AC : 175-240V | IP Rating  | IP65  |  |                                                                                         |
|                                         | Flux          | 1800lm        | Body Color | Gray  |  |                                                                                         |

|                                         |               |               |            |       |  |                                                                                         |
|-----------------------------------------|---------------|---------------|------------|-------|--|-----------------------------------------------------------------------------------------|
| <b>30W</b><br><br><b>2700</b><br>Lumens | Product code  | FL30-A7       | Beam Angle | 120°  |  | SKU: 5474 White Light  6000K 3800156654747<br>SKU: 5475 Warm White  2800K 3800156654754 |
|                                         | Watts         | 30W           | CRI        | Ra>80 |  |                                                                                         |
|                                         | Input Voltage | AC : 175-240V | IP Rating  | IP65  |  |                                                                                         |
|                                         | Flux          | 2700lm        | Body Color | Gray  |  |                                                                                         |

|                                         |               |               |            |       |  |                                            |
|-----------------------------------------|---------------|---------------|------------|-------|--|--------------------------------------------|
| <b>50W</b><br><br><b>4500</b><br>Lumens | Product code  | FL50-A7       | Beam Angle | 120°  |  | SKU: 5476 White Light  5700K 3800156654761 |
|                                         | Watts         | 50W           | CRI        | Ra>80 |  |                                            |
|                                         | Input Voltage | AC : 175-240V | IP Rating  | IP65  |  |                                            |
|                                         | Flux          | 4500lm        | Body Color | Gray  |  |                                            |



LED SMD FLOODLIGHT  
Classic Line 2 - High Power



|                                           |               |               |            |       |  |                                                                                            |
|-------------------------------------------|---------------|---------------|------------|-------|--|--------------------------------------------------------------------------------------------|
| <b>150W</b><br><br><b>12750</b><br>Lumens | Product code  | FL150-A3      | Beam Angle | 100°  |  | SKU: 5818 White Light  6000K 3800156658189<br>SKU: 5819 Neutral White  4500K 3800156658196 |
|                                           | Watts         | 100W          | CRI        | Ra>80 |  |                                                                                            |
|                                           | Input Voltage | AC : 170-265V | IP Rating  | IP65  |  |                                                                                            |
|                                           | Flux          | 12750lm       | Body Color | Black |  |                                                                                            |

|                                           |               |               |            |       |  |                                                                                            |
|-------------------------------------------|---------------|---------------|------------|-------|--|--------------------------------------------------------------------------------------------|
| <b>200W</b><br><br><b>17000</b><br>Lumens | Product code  | FL200-A3      | Beam Angle | 100°  |  | SKU: 5838 White Light  6000K 3800156658387<br>SKU: 5839 Neutral White  4500K 3800156658394 |
|                                           | Watts         | 200W          | CRI        | Ra>80 |  |                                                                                            |
|                                           | Input Voltage | AC : 170-265V | IP Rating  | IP65  |  |                                                                                            |
|                                           | Flux          | 17000lm       | Body Color | Black |  |                                                                                            |







Floodlight Spike

Body Color      Black  
Material        Aluminium

- SKU: 6682    160x35cm    3800156666825
- SKU: 6683    265x55cm    3800156666832



Billboard Stand

Body Color      Black  
Material        Iron

- SKU: 6684    150x500cm    3800156666849
- SKU: 6685    200x800cm    3800156666856



TRIPOD FOR FLOODLIGHTS  
With Cross Bar

Product code      OT1-B9  
Body Color        Yellow , Black  
Material            Iron  
Maximum size      157x64x64cm  
Height Adjustment: 64-157cm  
Sections:            3 Pcs

- SKU: 6686    BLACK BODY    3800156666863
- SKU: 6687    YELLOW BODY    3800156666870



Terminal Block

Waterproof Box    OT1-B5

Rated Voltage    250V      Wire Range      0.5-1.5mm2  
Material          Flame Retardant PP      Rated Current    16A



- SKU: 6641    3800156666412

Terminal Block Splitter

Waterproof Box    OT1-B5

Rated Voltage    250V      Wire Range      0.5-2.5mm2  
Material          Polypropylene 94 V2      Rated Current    16A



- SKU: 6643    3800156666436

Terminal Block Splitter

Waterproof Box    OT1-B5

Rated Voltage    450V      Wire Range      0.5-4mm2  
Material          Polypropylene 94 V2      Rated Current    24A



- SKU: 6645    3800156666450

Terminal Block T-Shape

Waterproof Box    OT1-B5

Rated Voltage    450V      Wire Range      0.5-2.5mm2  
Material          Flame Retardant PP      Rated Current    24A



- SKU: 6642    3800156666429

Terminal Block Splitter

Waterproof Box    OT1-B5

Rated Voltage    450V      Wire Range      0.5-4mm2  
Material          Polypropylene 94 V2      Rated Current    24A



- SKU: 6644    3800156666443

Terminal Block Splitter

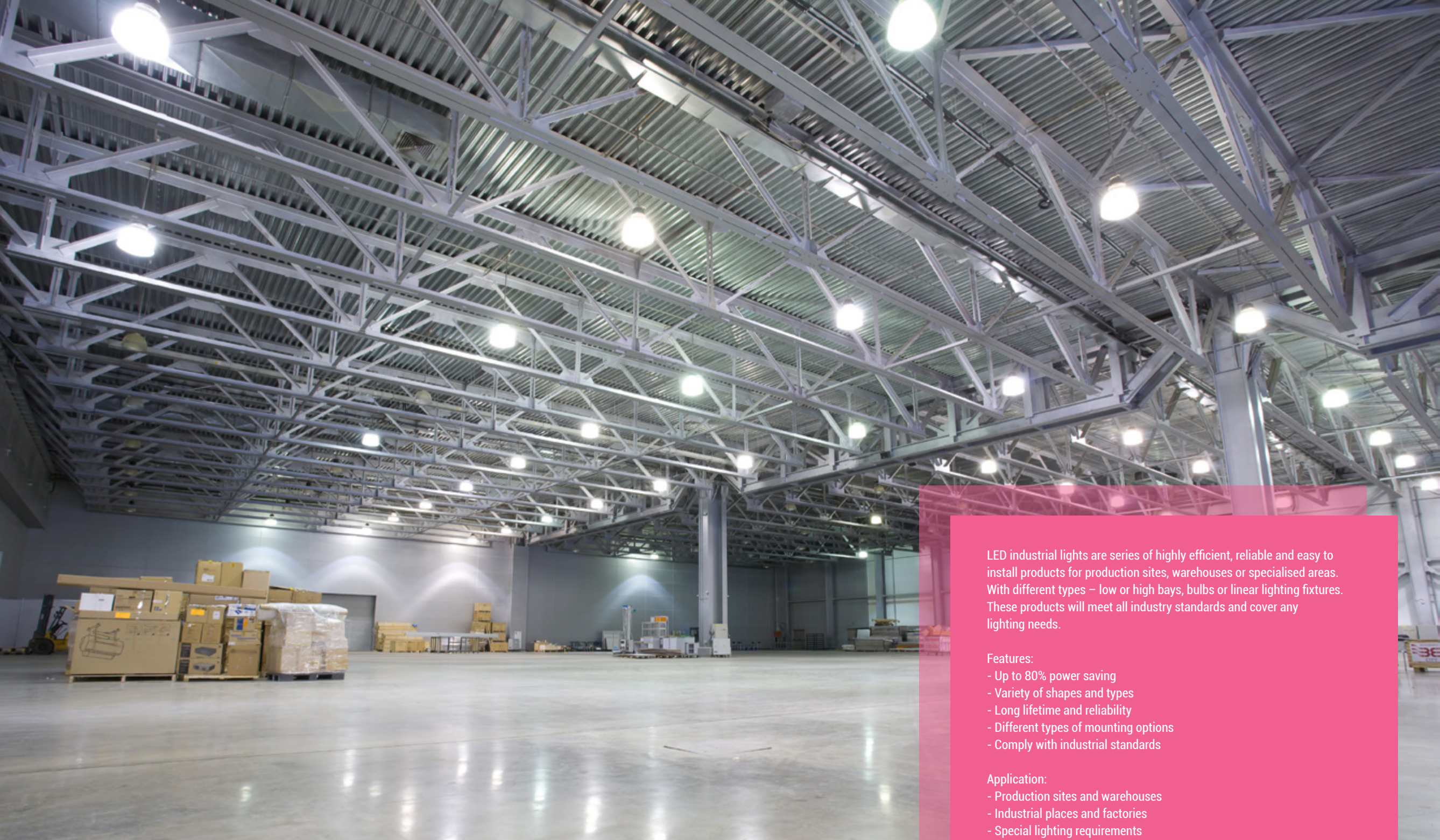
Waterproof Box    OT1-B5

Rated Voltage    450V      Wire Range      0.5-4mm2  
Material          Polypropylene 94 V2      Rated Current    24A



- SKU: 6646    3800156666467





LED industrial lights are series of highly efficient, reliable and easy to install products for production sites, warehouses or specialised areas. With different types – low or high bays, bulbs or linear lighting fixtures. These products will meet all industry standards and cover any lighting needs.

Features:

- Up to 80% power saving
- Variety of shapes and types
- Long lifetime and reliability
- Different types of mounting options
- Comply with industrial standards

Application:

- Production sites and warehouses
- Industrial places and factories
- Special lighting requirements

## LED STREET AND INDUSTRIAL LIGHTS





### LED STREET LIGHT

#### 40W Solar Power + Battery



|              |               |            |              |
|--------------|---------------|------------|--------------|
| Product code | SL40-A6       |            |              |
| Watts        | 40W           | CRI        | Ra>70        |
| Battery      | 3.2V / 16.5Ah | IP Rating  | IP65         |
| Flux         | 890lm         | Dimension  | 490x240x65mm |
| Beam Angle   | 120°          | Body Color | Black        |

\* Intelligent Light Control

\* Time Switch

SKU: 9135 White Light 6000K 3800156691353



890  
Lumens



Battery



>1500 Times



Solar Power



IP65



Wireless Remote Control



### LED STREET LIGHT

#### 60W Solar Power + Battery



|              |             |            |              |
|--------------|-------------|------------|--------------|
| Product code | SL60-A6     |            |              |
| Watts        | 60W         | CRI        | Ra>70        |
| Battery      | 3.2V / 22Ah | IP Rating  | IP65         |
| Flux         | 990lm       | Dimension  | 650x250x65mm |
| Beam Angle   | 120°        | Body Color | Black        |

\* Intelligent Light Control

\* Time Switch

SKU: 9136 White Light 6000K 3800156691360



990  
Lumens



Battery



>1500 Times



Solar Power



IP65



Wireless Remote Control



### LED STREET LIGHT

#### 100W Solar Power + Battery



|              |               |            |              |
|--------------|---------------|------------|--------------|
| Product code | SL100-A6      |            |              |
| Watts        | 100W          | CRI        | Ra>70        |
| Battery      | 6.4V / 16.5Ah | IP Rating  | IP65         |
| Flux         | 1950lm        | Dimension  | 490x240x65mm |
| Beam Angle   | 120°          | Body Color | Black        |

\* Intelligent Light Control

\* Time Switch

SKU: 9137 White Light 6000K 3800156691377



1950  
Lumens



Battery



>1500 Times



Solar Power



IP65



Wireless Remote Control



### LED STREET LIGHT

#### 150W Solar Power + Battery



|              |            |            |              |
|--------------|------------|------------|--------------|
| Product code | SL150-A6   |            |              |
| Watts        | 15W        | CRI        | Ra>70        |
| Battery      | 6.4V / 22h | IP Rating  | IP65         |
| Flux         | 2500lm     | Dimension  | 490x240x65mm |
| Beam Angle   | 120°       | Body Color | Black        |

\* Intelligent Light Control

\* Time Switch

SKU: 9138 White Light 6000K 3800156691384



2500  
Lumens



Battery



>1500 Times



Solar Power



IP65



Wireless Remote Control





LED STREET LIGHT PF>0.95  
High Lumens-Moso Driver

MOSO  
Driver

5  
Years  
Warranty

140  
Lumens/W

HIGH  
Lumens

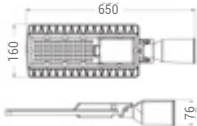
110°

IP65

100W  
14000  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL100-A7      | Beam Angle | 120°    |
| Watts         | 100W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 14000lm       | Protection | Class 1 |

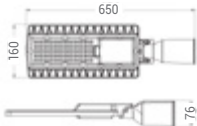
SKU: 9179 White Light 5700K 3800156691797



120W  
16800  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL120-A7      | Beam Angle | 120°    |
| Watts         | 120W          | CRI        | Ra>70   |
| Input Voltage | AC : 100-240V | IP Rating  | IP65    |
| Flux          | 16800lm       | Protection | Class 1 |

SKU: 9180 White Light 5700K 3800156691803



LED STREET LIGHT PF>0.95  
High Lumens-Moso Driver

MOSO  
Driver

5  
Years  
Warranty

140  
Lumens/W

HIGH  
Lumens

IP66

80W  
11200  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL80-A8       | Beam Angle | 120°    |
| Watts         | 80W           | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP66    |
| Flux          | 11200lm       | Protection | Class 1 |

SKU: 9196 White Light 5700K 3800156691964

100W  
14000  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL50-A8       | Beam Angle | 120°    |
| Watts         | 100W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP66    |
| Flux          | 14000lm       | Protection | Class 1 |

SKU: 9197 White Light 5700K 3800156691971

150W  
21000  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL150-A8      | Beam Angle | 120°    |
| Watts         | 150W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP66    |
| Flux          | 21000lm       | Protection | Class 1 |

SKU: 9198 White Light 5700K 3800156691988

180W  
25200  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL180-A8      | Beam Angle | 120°    |
| Watts         | 180W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP66    |
| Flux          | 25200lm       | Protection | Class 1 |

SKU: 9199 White Light 5700K 3800156691995



Adjusting angle

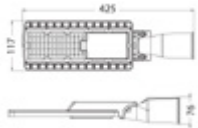


LED STREET LIGHT PF>0.9  
2 pcs BOX



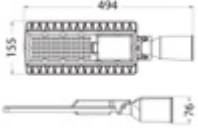
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|---------------|---------------|------------|---------|
| Product code  | SL30-A2       | Beam Angle | 120°    |
| Watts         | 30W           | CRI        | Ra>70   |
| Input Voltage | AC : 100-240V | IP Rating  | IP65    |
| Flux          | 4050lm        | Protection | Class 1 |

SKU: 9156 White Light 5700K 3800156691568



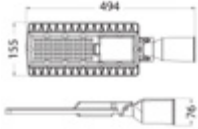
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|---------------|---------------|------------|---------|
| Product code  | SL50-A2       | Beam Angle | 120°    |
| Watts         | 50W           | CRI        | Ra>70   |
| Input Voltage | AC : 100-240V | IP Rating  | IP65    |
| Flux          | 6750lm        | Protection | Class 1 |

SKU: 9157 White Light 5700K 3800156691575



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL60-A2       | Beam Angle | 120°    |
| Watts         | 60W           | CRI        | Ra>70   |
| Input Voltage | AC : 100-240V | IP Rating  | IP65    |
| Flux          | 8100lm        | Protection | Class 1 |

SKU: 9158 White Light 5700K 3800156691582

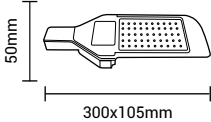


LED STREET LIGHT PF>0.9  
2 pcs BOX



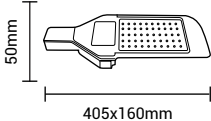
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|---------------|---------------|------------|---------|
| Product code  | SL20-A1       | Beam Angle | 120°    |
| Watts         | 20W           | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 2000lm        | Protection | Class 2 |

SKU: 9171 White Light 6000K 3800156691711



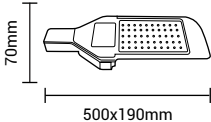
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|---------------|---------------|------------|---------|
| Product code  | SL50-A1       | Beam Angle | 120°    |
| Watts         | 50W           | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 5000lm        | Protection | Class 2 |

SKU: 9172 White Light 6000K 3800156691728



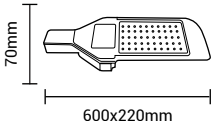
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| Product code  | SL80-A1       | Beam Angle | 120°    |
| Watts         | 80W           | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 8000lm        | Protection | Class 2 |

SKU: 9173 White Light 6000K 3800156691735



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL100-A1      | Beam Angle | 120°    |
| Watts         | 100W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 10000lm       | Protection | Class 2 |

SKU: 9174 White Light 6000K 3800156691742





SKU: 9118 ADAPTER MATT GREY  
SKU: 9119 ADAPTER (ADJUSTABLE ANGLE)

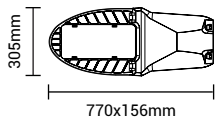
LED STREET LIGHT PF>0.9  
Bridgelux 3030 Chips



150W  
14250  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL150-A3      | Beam Angle | 120°    |
| Watts         | 150W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 14250lm       | Protection | Class 1 |

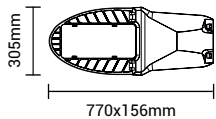
SKU: 9181 White Light 5700K 3800156691810



200W  
19000  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL200-A3      | Beam Angle | 120°    |
| Watts         | 30W           | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 19000lm       | Protection | Class 1 |

SKU: 9182 White Light 5700K 3800156691827

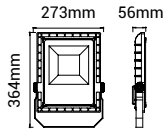


LED INDUSTRIAL LIGHTS PF>0.9  
Stadium Floodlight



100W  
10000  
Lumens

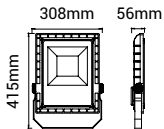
|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL100-A5      | Beam Angle | 90°     |
| Watts         | 100W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 10000lm       | Protection | Class 1 |



SKU: 9175 White Light 5700K  
3800156691759

150W  
15000  
Lumens

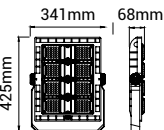
|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL150-A5      | Beam Angle | 90°     |
| Watts         | 150W          | CRI        | Ra>70   |
| Input Voltage | AC : 100-240V | IP Rating  | IP65    |
| Flux          | 15000lm       | Protection | Class 1 |



SKU: 9176 White Light 5700K  
3800156691776

240W  
24000  
Lumens

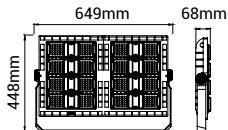
|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL240-A5      | Beam Angle | 90°     |
| Watts         | 240W          | CRI        | Ra>70   |
| Input Voltage | AC : 100-240V | IP Rating  | IP65    |
| Flux          | 24000lm       | Protection | Class 1 |



SKU: 9177 White Light 5700K  
3800156691773

480W  
48000  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | SL480-A5      | Beam Angle | 90°     |
| Watts         | 480W          | CRI        | Ra>70   |
| Input Voltage | AC : 100-240V | IP Rating  | IP65    |
| Flux          | 48000lm       | Protection | Class 1 |



SKU: 9178 White Light 5700K  
3800156691780





LED INDUSTRIAL LIGHT  
HIGH BAY PF>0.9

MOSO<sup>®</sup>  
Driver

SAMSUNG  
LED CHIPS

5  
Years  
Warranty

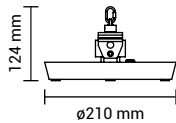
HIGH  
Lumens

110°

IP65

110W  
15400  
Lumens

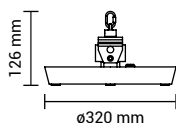
|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB110-A1      | Beam Angle | 110°    |
| Watts         | 50W           | CRI        | Ra>80   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 15400lm       | Protection | Class 1 |



SKU: 8161 White Light 6500K 3800156681668

150W  
21000  
Lumens

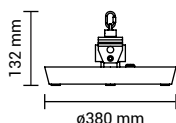
|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB150-A3      | Beam Angle | 110°    |
| Watts         | 150W          | CRI        | Ra>80   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 21000lm       | Protection | Class 1 |



SKU: 8162 White Light 6500K 3800156681682

210W  
29400  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB210-A1      | Beam Angle | 110°    |
| Watts         | 210W          | CRI        | Ra>80   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 29400lm       | Protection | Class 1 |



SKU: 8163 White Light 6500K 3800156681705



LED INDUSTRIAL LIGHT  
HIGH BAY UFO PF>0.9

OSRAM  
Chips

5  
Years  
Warranty

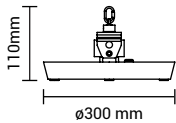
HIGH  
Lumens

110°

IP54

100W  
10000  
Lumens

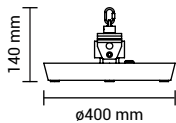
|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB100-A5      | Beam Angle | 90°     |
| Watts         | 100W          | CRI        | Ra>80   |
| Input Voltage | AC : 220-240V | IP Rating  | IP54    |
| Flux          | 10000lm       | Protection | Class 1 |



SKU: 8140 White Light 5700K 3800156681408

150W  
15000  
Lumens

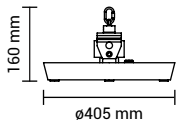
|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB150-A5      | Beam Angle | 90°     |
| Watts         | 150W          | CRI        | Ra>80   |
| Input Voltage | AC : 220-240V | IP Rating  | IP54    |
| Flux          | 15000lm       | Protection | Class 1 |



SKU: 8141 White Light 5700K 3800156681415

200W  
20000  
Lumens

|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB200-A5      | Beam Angle | 90°     |
| Watts         | 150W          | CRI        | Ra>80   |
| Input Voltage | AC : 220-240V | IP Rating  | IP54    |
| Flux          | 15000lm       | Protection | Class 1 |



SKU: 8126 White Light 5700K 3800156681262

NEW

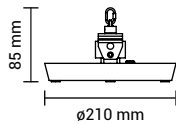


LED INDUSTRIAL LIGHT  
HIGH BAY - UFO 2 90°

50W



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB50-A6       | Beam Angle | 90°     |
| Watts         | 50W           | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 4250lm        | Protection | Class 1 |

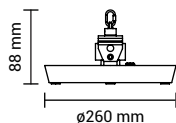


SKU: 8166 White Light 6000K 3800156681668  
SKU: 8167 Neutral White 4500K 3800156681675

100W



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB100-A6      | Beam Angle | 90°     |
| Watts         | 100W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 8500lm        | Protection | Class 1 |

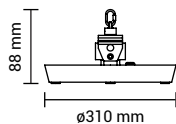


SKU: 8168 White Light 6000K 3800156681682  
SKU: 8169 Neutral White 4500K 3800156681699

150W



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB150-A6      | Beam Angle | 90°     |
| Watts         | 150W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 12750lm       | Protection | Class 1 |

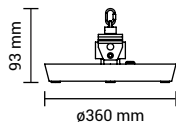


SKU: 8170 White Light 6000K 3800156681705  
SKU: 8171 Neutral White 4500K 3800156681712

200W



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB200-A6      | Beam Angle | 90°     |
| Watts         | 200W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 17000lm       | Protection | Class 1 |



SKU: 8172 White Light 6000K 3800156681729  
SKU: 8173 Neutral White 4500K 3800156681736

NEW

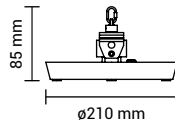


LED INDUSTRIAL LIGHT  
HIGH BAY - UFO 2 120°

50W



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB50-A6       | Beam Angle | 120°    |
| Watts         | 50W           | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 4250lm        | Protection | Class 1 |

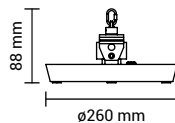


SKU: 8174 White Light 6000K 3800156681743  
SKU: 8175 Neutral White 4500K 3800156681750

100W



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB100-A6      | Beam Angle | 120°    |
| Watts         | 100W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 8500lm        | Protection | Class 1 |

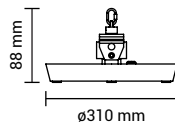


SKU: 8176 White Light 6000K 3800156681767  
SKU: 8177 Neutral White 4500K 3800156681774

150W



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB150-A6      | Beam Angle | 120°    |
| Watts         | 150W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 12750lm       | Protection | Class 1 |

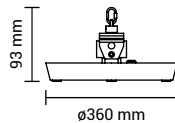


SKU: 8178 White Light 6000K 3800156681781  
SKU: 8179 Neutral White 4500K 3800156681798

200W



|               |               |            |         |
|---------------|---------------|------------|---------|
| Product code  | HB200-A6      | Beam Angle | 120°    |
| Watts         | 200W          | CRI        | Ra>70   |
| Input Voltage | AC : 220-240V | IP Rating  | IP65    |
| Flux          | 17000lm       | Protection | Class 1 |



SKU: 8180 White Light 6000K 3800156681804  
SKU: 8181 Neutral White 4500K 3800156681811



LED INDUSTRIAL LIGHT PF>0.9  
50W Linear High Bay



Lumens



120°x60°



IP65

|               |              |            |              |
|---------------|--------------|------------|--------------|
| Product code  | HB50-A7      |            |              |
| Watts         | 50W          | CRI        | Ra>70        |
| Input Voltage | AC: 220-240V | IP Rating  | IP65         |
| Flux          | 4250lm       | Dimension  | 298x254x58mm |
| Beam Angle    | 120°x60°     | Protection | Class 1      |

SKU: 8182    White Light    6000K    3800156681828



LED INDUSTRIAL LIGHT PF>0.9  
100W Linear High Bay



Lumens



120°x60°



IP65

|               |              |            |              |
|---------------|--------------|------------|--------------|
| Product code  | HB100-A7     |            |              |
| Watts         | 100W         | CRI        | Ra>70        |
| Input Voltage | AC: 220-240V | IP Rating  | IP65         |
| Flux          | 8500lm       | Dimension  | 305x290x65mm |
| Beam Angle    | 120°x60°     | Protection | Class 1      |

SKU: 8183    White Light    6000K    3800156681835



LED INDUSTRIAL LIGHT PF>0.9  
150W Linear High Bay



Lumens



120°x60°



IP65

|               |              |            |              |
|---------------|--------------|------------|--------------|
| Product code  | HB150-A7     |            |              |
| Watts         | 150W         | CRI        | Ra>70        |
| Input Voltage | AC: 220-240V | IP Rating  | IP65         |
| Flux          | 12750lm      | Dimension  | 305x415x65mm |
| Beam Angle    | 120°x60°     | Protection | Class 1      |

SKU:8184    White Light    6000K    3800156681842



LED INDUSTRIAL LIGHT PF>0.9  
200W Linear High Bay



Lumens



120°x60°



IP65

|               |              |            |              |
|---------------|--------------|------------|--------------|
| Product code  | HB200-A7     |            |              |
| Watts         | 200W         | CRI        | Ra>70        |
| Input Voltage | AC: 220-240V | IP Rating  | IP65         |
| Flux          | 17000lm      | Dimension  | 565x290x65mm |
| Beam Angle    | 120°x60°     | Protection | Class 1      |

SKU: 8185    White Light    6000K    3800156681859



LED INDUSTRIAL LIGHT PF>0.9  
300W Linear High Bay



Lumens



120°x60°



IP65

|               |              |            |              |
|---------------|--------------|------------|--------------|
| Product code  | HB300-A7     |            |              |
| Watts         | 300W         | CRI        | Ra>70        |
| Input Voltage | AC: 220-240V | IP Rating  | IP65         |
| Flux          | 25500lm      | Dimension  | 565x515x65mm |
| Beam Angle    | 120°x60°     | Protection | Class 1      |

SKU: 8186    White Light    6000K    3800156681866



LED INDUSTRIAL LIGHT PF>0.9  
400W Linear High Bay



Lumens



120°x60°



IP65

|               |              |            |              |
|---------------|--------------|------------|--------------|
| Product code  | HB400-A7     |            |              |
| Watts         | 400W         | CRI        | Ra>70        |
| Input Voltage | AC: 220-240V | IP Rating  | IP65         |
| Flux          | 34000lm      | Dimension  | 565x545x65mm |
| Beam Angle    | 120°x60°     | Protection | Class 1      |

SKU: 8187    White Light    6000K    3800156681873

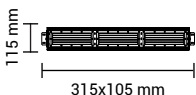




LED INDUSTRIAL LIGHT  
Linear High Bay

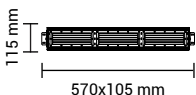


|                                                                                                    |               |               |            |         |
|----------------------------------------------------------------------------------------------------|---------------|---------------|------------|---------|
| <br>5000<br>Lumens | Product code  | HB50-A2       | Beam Angle | 120°60° |
|                                                                                                    | Watts         | 50W           | CRI        | Ra>70   |
|                                                                                                    | Input Voltage | AC : 220-240V | IP Rating  | IP44    |
|                                                                                                    | Flux          | 5000lm        | Body Color | Class 1 |



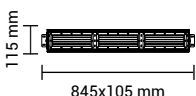
|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 8151 | White Light   | 6000K | 3800156681514 |
| SKU: 8152 | Neutral White | 4500K | 3800156681521 |

|                                                                                                       |               |               |            |         |
|-------------------------------------------------------------------------------------------------------|---------------|---------------|------------|---------|
| <br>10000<br>Lumens | Product code  | HB100-A2      | Beam Angle | 120°60° |
|                                                                                                       | Watts         | 50W           | CRI        | Ra>70   |
|                                                                                                       | Input Voltage | AC : 220-240V | IP Rating  | IP44    |
|                                                                                                       | Flux          | 10000lm       | Body Color | Black   |



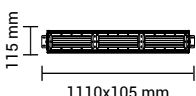
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|-----------|---------------|-------|---------------|
| SKU: 8153 | White Light   | 6000K | 3800156681538 |
| SKU: 8154 | Neutral White | 4500K | 3800156681545 |

|                                                                                                       |               |               |            |         |
|-------------------------------------------------------------------------------------------------------|---------------|---------------|------------|---------|
| <br>15000<br>Lumens | Product code  | HB150-A2      | Beam Angle | 120°60° |
|                                                                                                       | Watts         | 50W           | CRI        | Ra>70   |
|                                                                                                       | Input Voltage | AC : 220-240V | IP Rating  | IP44    |
|                                                                                                       | Flux          | 15000lm       | Body Color | Black   |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 8155 | White Light   | 6000K | 3800156681552 |
| SKU: 8156 | Neutral White | 4500K | 3800156681569 |

|                                                                                                       |               |               |            |         |
|-------------------------------------------------------------------------------------------------------|---------------|---------------|------------|---------|
| <br>20000<br>Lumens | Product code  | HB200-A2      | Beam Angle | 120°60° |
|                                                                                                       | Watts         | 50W           | CRI        | Ra>70   |
|                                                                                                       | Input Voltage | AC : 220-240V | IP Rating  | IP44    |
|                                                                                                       | Flux          | 20000lm       | Body Color | Black   |



|           |               |       |               |
|-----------|---------------|-------|---------------|
| SKU: 8157 | White Light   | 6000K | 3800156681576 |
| SKU: 8158 | Neutral White | 4500K | 3800156681583 |

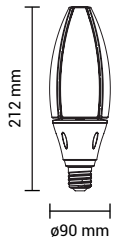


LED INDUSTRIAL Bulb PF>0.9  
40W E27



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Product code  | HB40-A1       | Socket    | E27        |
| Watts         | 40W           | CRI       | Ra>80      |
| Input Voltage | AC : 180-264V | IP Rating | IP20       |
| Flux          | 4100lm        | Dimension | ø90x212 mm |
| Beam Angle    | 270°          | Dimmable  | NO         |

|          |               |       |               |
|----------|---------------|-------|---------------|
| SKU: 225 | White Light   | 6000K | 3800156602250 |
| SKU: 226 | Neutral White | 4000K | 3800156602267 |

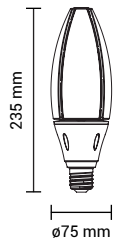


LED INDUSTRIAL Bulb PF>0.9  
25W E27



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Product code  | HB25-A3       | Socket    | E27        |
| Watts         | 25W           | CRI       | Ra>70      |
| Input Voltage | AC : 110-240V | IP Rating | IP20       |
| Flux          | 2500lm        | Dimension | ø75x235 mm |
| Beam Angle    | 270°          | Dimmable  | NO         |

|          |             |       |               |
|----------|-------------|-------|---------------|
| SKU: 220 | White Light | 5700K | 3800156602205 |
|----------|-------------|-------|---------------|

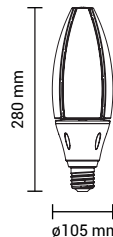


LED INDUSTRIAL Bulb PF>0.9  
50W E40



|               |               |           |            |
|---------------|---------------|-----------|------------|
| Product code  | HB50-A3       | Socket    | E40        |
| Watts         | 50W           | CRI       | Ra>70      |
| Input Voltage | AC : 110-264V | IP Rating | IP20       |
| Flux          | 5000lm        | Dimension | ø75x235 mm |
| Beam Angle    | 270°          | Dimmable  | NO         |

|          |             |       |               |
|----------|-------------|-------|---------------|
| SKU: 221 | White Light | 5700K | 3800156602212 |
|----------|-------------|-------|---------------|



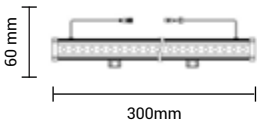


LED Wall Washers  
9W , 10W , 12W



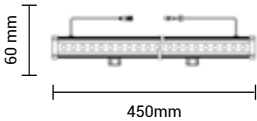
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | WW9-A1        | Beam Angle | 15°   |
| Watts         | 9W            | CRI        | Ra>70 |
| Input Voltage | AC : 220-240V | IP Rating  | IP67  |
| Flux          | 720lm         | Body Color | Gray  |

SKU: 7126 Warm White 2800K 3800156671263



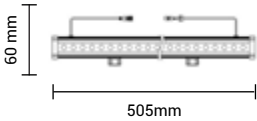
|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | WW10-A1       | Beam Angle | 15°   |
| Watts         | 10W           | CRI        | Ra>70 |
| Input Voltage | AC : 220-240V | IP Rating  | IP67  |
| Flux          | 800lm         | Protection | Gray  |

SKU: 7127 Warm White 2800K 3800156671270



|               |               |            |       |
|---------------|---------------|------------|-------|
| Product code  | WW12-A1       | Beam Angle | 15°   |
| Watts         | 12W           | CRI        | Ra>70 |
| Input Voltage | AC : 220-240V | IP Rating  | IP67  |
| Flux          | 960lm         | Protection | Gray  |

SKU: 7128 Warm White 2800K 3800156671287



LED Wall Washer  
9W



|               |               |            |           |
|---------------|---------------|------------|-----------|
| Product code  | WL9-A1        | CRI        | Ra>80     |
| Watts         | 9W            | IP Rating  | IP65      |
| Input Voltage | AC : 180-265V | Dimension  | 495x58x50 |
| Flux          | 780lm         | Body Color | Gray      |
| Beam Angle    | 15°           | Dimmable   | NO        |
| Shape         | Single Head   |            |           |

SKU: 7134 White Light 6000K 3800156671348  
SKU: 7131 Warm White 2700K 3800156671317



LED Wall Washer  
36W



|               |               |            |             |
|---------------|---------------|------------|-------------|
| Product code  | WL36-A1       | CRI        | Ra>70       |
| Watts         | 36W           | IP Rating  | IP67        |
| Input Voltage | AC : 220-240V | Dimension  | 333x200x120 |
| Flux          | 2880lm        | Body Color | Gray        |
| Beam Angle    | 15°           | Dimmable   | NO          |
| Shape         | Square Head   |            |             |

SKU: 7121 Warm White 2700K 3800156671218



LED Wall Washer  
3W



|               |               |            |           |
|---------------|---------------|------------|-----------|
| Product code  | WL3-A2        | CRI        | Ra>80     |
| Watts         | 3W            | IP Rating  | IP67      |
| Input Voltage | AC : 180-265V | Dimension  | ø55x76 mm |
| Flux          | 240lm         | Body Color | Grey      |
| Beam Angle    | 8°            | Dimmable   | NO        |
| Shape         | Round Head    |            |           |

SKU: 7123 Warm White 3000K 3800156671232





## LED WALL AND STEP LIGHTS

You can even make your outdoor areas radiate in the worst of weather conditions: Our exterior use wall lights are robust, energy-efficient and powerful. You can choose between different designs and set stylish accents.

### Features:

- Up to 80% power saving
- Home, garden or park use
- Different forms, shapes and colours
- Discrete, spot or main lighting
- Easy installation and long lifecycle
- With or without bulbs

### Application:

- Wall or pylon mountable
- Lanes, alleys or pathways
- Gardens and parks

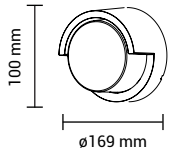




LED Wall / Ceiling Light  
15W

|               |               |            |             |
|---------------|---------------|------------|-------------|
| Product code  | WL15-A1       | CRI        | Ra>80       |
| Watts         | 15W           | IP Rating  | IP65        |
| Input Voltage | AC : 220-240V | Dimension  | ø169x100 mm |
| Flux          | 80lm          | Body Color | BLACK       |
| Beam Angle    | 120°          | Dimmable   | NO          |
| Shape         | Round         |            |             |

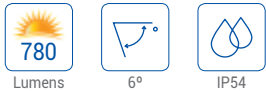
SKU: 7529 Neutral White 4200K 3800156675292  
SKU: 7528 Warm White 3000K 3800156675285



LED Wall Light  
9W

|               |               |            |            |
|---------------|---------------|------------|------------|
| Product code  | WL9-A1        | CRI        | Ra>80      |
| Watts         | 12W           | IP Rating  | IP54       |
| Input Voltage | AC : 200-240V | Dimension  | 230x110x76 |
| Flux          | 780lm         | Body Color | BLACK      |
| Beam Angle    | 6°            | Dimmable   | NO         |
| Shape         | Single Head   |            |            |

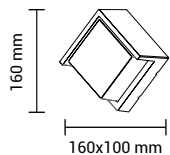
SKU: 7404 Neutral White 4000K 3800156674042  
SKU: 7403 Warm White 3000K 3800156674035



LED Wall / Ceiling Light  
15W

|               |               |            |                |
|---------------|---------------|------------|----------------|
| Product code  | WL15-A1       | CRI        | Ra>80          |
| Watts         | 15W           | IP Rating  | IP65           |
| Input Voltage | AC : 220-240V | Dimension  | 160x160x100 mm |
| Flux          | 80lm          | Body Color | BLACK          |
| Beam Angle    | 120°          | Dimmable   | NO             |
| Shape         | Square        |            |                |

SKU: 7531 Neutral White 4200K 3800156675315  
SKU: 7530 Warm White 3000K 3800156675308



LED Wall Light  
8W

|               |               |            |             |
|---------------|---------------|------------|-------------|
| Product code  | DL8-A1        | CRI        | Ra>80       |
| Watts         | 8W            | IP Rating  | IP20        |
| Input Voltage | AC : 200-240V | Dimension  | 155x80x35mm |
| Flux          | 520lm         | Body Color | WHITE       |
| Beam Angle    | 120°          | Dimmable   | NO          |
| Shape         | Rectangle     |            |             |

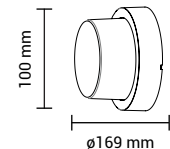
SKU: 2296 Warm White 2800K 3800156622968



LED Wall / Ceiling Light  
15W

|               |               |            |             |
|---------------|---------------|------------|-------------|
| Product code  | WL15-A1       | CRI        | Ra>80       |
| Watts         | 15W           | IP Rating  | IP65        |
| Input Voltage | AC : 220-240V | Dimension  | ø169x100 mm |
| Flux          | 1000lm        | Body Color | BLACK       |
| Beam Angle    | 145°          | Dimmable   | NO          |
| Shape         | Round         |            |             |

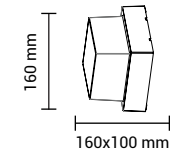
SKU: 7533 Neutral White 4200K 3800156675339  
SKU: 7532 Warm White 3000K 3800156675322



LED Wall / Ceiling Light  
15W

|               |               |            |                |
|---------------|---------------|------------|----------------|
| Product code  | WL15-A1       | CRI        | Ra>80          |
| Watts         | 15W           | IP Rating  | IP65           |
| Input Voltage | AC : 220-240V | Dimension  | 160x160x100 mm |
| Flux          | 1000lm        | Body Color | BLACK          |
| Beam Angle    | 145°          | Dimmable   | NO             |
| Shape         | Square        |            |                |

SKU: 7535 Neutral White 4200K 3800156675353  
SKU: 7534 Warm White 3000K 3800156675346



LED BULKHEAD WALL LIGHT  
12W

|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | WL12-A3       | CRI        | Ra>80        |
| Watts         | 12W           | IP Rating  | IP65         |
| Input Voltage | AC : 220-240V | Dimension  | 230x110x76mm |
| Flux          | 780lm         | Body Color | GREY         |
| Beam Angle    | 120°          | Dimmable   | NO           |
| Shape         | Rectangle     |            |              |

SKU: 7527 Neutral White 4200K 3800156675278  
SKU: 7526 Warm White 3000K 3800156675261





LED Wall Light  
6W

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Product code  | WL6-A4        |            |           |
| Watts         | 6W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP54      |
| Flux          | 660lm         | Dimension  | 110x54x97 |
| Beam Angle    | 120°          | Body Color | WHITE     |
| Shape         | Single Head   | Dimmable   | NO        |

SKU: 7478 Neutral White 4000K 3800156674783  
SKU: 7475 Warm White 3000K 3800156674752



Rotatable 355°



LED Wall Light  
6W

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Product code  | WL6-A4        |            |           |
| Watts         | 6W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP54      |
| Flux          | 660lm         | Dimension  | 110x54x97 |
| Beam Angle    | 120°          | Body Color | BLACK     |
| Shape         | Single Head   | Dimmable   | NO        |

SKU: 7479 Neutral White 4000K 3800156674790  
SKU: 7476 Warm White 3000K 3800156674769



Rotatable 355°



LED Wall Light  
6W

|               |               |            |           |
|---------------|---------------|------------|-----------|
| Product code  | WL6-A4        |            |           |
| Watts         | 6W            | CRI        | Ra>80     |
| Input Voltage | AC : 220-240V | IP Rating  | IP54      |
| Flux          | 660lm         | Dimension  | 110x54x97 |
| Beam Angle    | 120°          | Body Color | GREY      |
| Shape         | Single Head   | Dimmable   | NO        |

SKU: 7480 Neutral White 4000K 3800156674806  
SKU: 7477 Warm White 3000K 3800156674776



Rotatable 355°



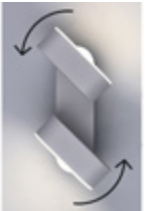
LED Wall Light  
2x6W

|               |               |            |             |
|---------------|---------------|------------|-------------|
| Product code  | WL12-A2       |            |             |
| Watts         | 12W           | CRI        | Ra>80       |
| Input Voltage | AC : 220-240V | IP Rating  | IP54        |
| Flux          | 1320lm        | Dimension  | 221x54x97mm |
| Beam Angle    | 120°          | Body Color | WHITE       |
| Shape         | Double Head   | Dimmable   | NO          |

SKU: 7484 Neutral White 4000K 3800156674844  
SKU: 7481 Warm White 3000K 3800156674813



Rotatable 355°



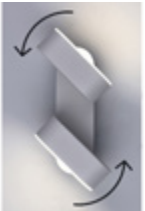
LED Wall Light  
2x6W

|               |               |            |             |
|---------------|---------------|------------|-------------|
| Product code  | WL12-A2       |            |             |
| Watts         | 12W           | CRI        | Ra>80       |
| Input Voltage | AC : 220-240V | IP Rating  | IP54        |
| Flux          | 1320lm        | Dimension  | 221x54x97mm |
| Beam Angle    | 120°          | Body Color | BLACK       |
| Shape         | Double Head   | Dimmable   | NO          |

SKU: 7485 Neutral White 4000K 3800156674851  
SKU: 7482 Warm White 3000K 3800156674820



Rotatable 355°



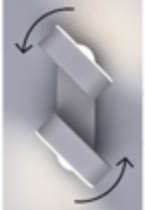
LED Wall Light  
2x6W

|               |               |            |             |
|---------------|---------------|------------|-------------|
| Product code  | WL12-A2       |            |             |
| Watts         | 12W           | CRI        | Ra>80       |
| Input Voltage | AC : 220-240V | IP Rating  | IP54        |
| Flux          | 1320lm        | Dimension  | 221x54x97mm |
| Beam Angle    | 120°          | Body Color | GREY        |
| Shape         | Double Head   | Dimmable   | NO          |

SKU: 7486 Neutral White 4000K 3800156674868  
SKU: 7483 Warm White 3000K 3800156674837



Rotatable 355°

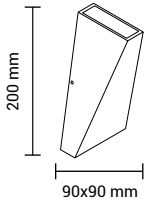




LED Wall Light  
6W

|               |                 |            |             |
|---------------|-----------------|------------|-------------|
| Product code  | WL6-A3          |            |             |
| Watts         | 6W              | CRI        | Ra>80       |
| Input Voltage | AC : 220-240V   | IP Rating  | IP54        |
| Flux          | 660lm           | Dimension  | 90x90x200mm |
| Beam Angle    | Up 15°-Down 90° | Body Color | WHITE       |
| Shape         | Triangle        | Dimmable   | NO          |

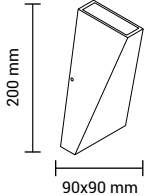
SKU: 7472 Neutral White 4200K 3800156674721  
SKU: 7469 Warm White 3000K 3800156674691



LED Wall Light  
6W

|               |                 |            |             |
|---------------|-----------------|------------|-------------|
| Product code  | WL6-A3          |            |             |
| Watts         | 6W              | CRI        | Ra>80       |
| Input Voltage | AC : 220-240V   | IP Rating  | IP54        |
| Flux          | 660lm           | Dimension  | 90x90x200mm |
| Beam Angle    | Up 15°-Down 90° | Body Color | BLACK       |
| Shape         | Triangle        | Dimmable   | NO          |

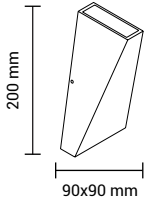
SKU: 7473 Neutral White 4200K 3800156674738  
SKU: 7470 Warm White 3000K 3800156674707



LED Wall Light  
6W

|               |                 |            |             |
|---------------|-----------------|------------|-------------|
| Product code  | WL6-A3          |            |             |
| Watts         | 6W              | CRI        | Ra>80       |
| Input Voltage | AC : 220-240V   | IP Rating  | IP54        |
| Flux          | 660lm           | Dimension  | 90x90x200mm |
| Beam Angle    | Up 15°-Down 90° | Body Color | GREY        |
| Shape         | Triangle        | Dimmable   | NO          |

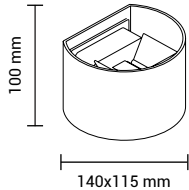
SKU: 7474 Neutral White 4200K 3800156674745  
SKU: 7471 Warm White 3000K 3800156674714



LED Wall Light  
6W

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | WL6-A2        |            |               |
| Watts         | 6W            | CRI        | Ra>80         |
| Input Voltage | AC : 220-240V | IP Rating  | IP54          |
| Flux          | 660lm         | Dimension  | 140x115x100mm |
| Beam Angle    | 0°- 90°       | Body Color | WHITE         |
| Shape         | Round         | Dimmable   | NO            |

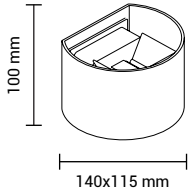
SKU: 7466 Neutral White 4000K 3800156674660  
SKU: 7463 Warm White 3000K 3800156674639



LED Wall Light  
6W

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | WL6-A2        |            |               |
| Watts         | 6W            | CRI        | Ra>80         |
| Input Voltage | AC : 220-240V | IP Rating  | IP54          |
| Flux          | 660lm         | Dimension  | 140x115x100mm |
| Beam Angle    | 0°- 90°       | Body Color | BLACK         |
| Shape         | Round         | Dimmable   | NO            |

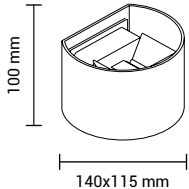
SKU: 7467 Neutral White 4000K 3800156674677  
SKU: 7464 Warm White 3000K 3800156674646



LED Wall Light  
6W

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | WL6-A2        |            |               |
| Watts         | 6W            | CRI        | Ra>80         |
| Input Voltage | AC : 220-240V | IP Rating  | IP54          |
| Flux          | 660lm         | Dimension  | 140x115x100mm |
| Beam Angle    | 0°- 90°       | Body Color | GREY          |
| Shape         | Roun          | Dimmable   | NO            |

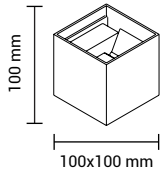
SKU: 7468 Neutral White 4000K 3800156674684  
SKU: 7465 Warm White 3000K 3800156674653







LED Wall Light  
6W

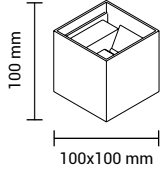


|               |               |             |                      |
|---------------|---------------|-------------|----------------------|
| Product code  | WL6-A1        | CRI         | Ra>80                |
| Watts         | 6W            | IP Rating   | IP54                 |
| Input Voltage | AC : 220-240V | Dimension   | 100x100 mm           |
| Flux          | 660lm         | Body Colors | White ; Black ; Grey |
| Beam Angle    | 0°-90°        | Dimmable    | NO                   |
| Shape         | Square        |             |                      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| WHITE     |               |       |               |
| SKU: 7454 | Neutral White | 4000K | 3800156674547 |
| SKU: 7451 | Warm White    | 3000K | 3800156674516 |
| BLACK     |               |       |               |
| SKU: 7455 | Neutral White | 4000K | 3800156674554 |
| SKU: 7452 | Warm White    | 3000K | 3800156674523 |
| GREY      |               |       |               |
| SKU: 7456 | Neutral White | 4000K | 3800156674561 |
| SKU: 7453 | Warm White    | 3000K | 3800156674530 |



LED Wall Light  
12W

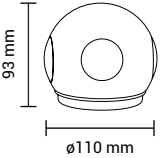


|               |               |             |                      |
|---------------|---------------|-------------|----------------------|
| Product code  | WL12-A1       | CRI         | Ra>80                |
| Watts         | 12W           | IP Rating   | IP54                 |
| Input Voltage | AC : 220-240V | Dimension   | 100x100 mm           |
| Flux          | 1320lm        | Body Colors | White ; Black ; Grey |
| Beam Angle    | 0°-90°        | Dimmable    | NO                   |
| Shape         | Square        |             |                      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| WHITE     |               |       |               |
| SKU: 7460 | Neutral White | 4000K | 3800156674608 |
| SKU: 7457 | Warm White    | 3000K | 3800156674578 |
| BLACK     |               |       |               |
| SKU: 7461 | Neutral White | 4000K | 3800156674615 |
| SKU: 7458 | Warm White    | 3000K | 3800156674585 |
| GREY      |               |       |               |
| SKU: 7462 | Neutral White | 4000K | 3800156674622 |
| SKU: 7459 | Warm White    | 3000K | 3800156674592 |



LED Wall Light  
4W-4 Beam

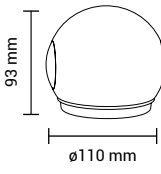


|               |               |             |                      |
|---------------|---------------|-------------|----------------------|
| Product code  | WL4-A1        | CRI         | Ra>80                |
| Watts         | 4W            | IP Rating   | IP54                 |
| Input Voltage | AC : 220-240V | Dimension   | ø110x93 mm           |
| Flux          | 440lm         | Body Colors | White ; Black ; Grey |
| Beam Angle    | 90°           | Dimmable    | NO                   |
| Shape         | Round         |             |                      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| WHITE     |               |       |               |
| SKU: 7490 | Neutral White | 4000K | 3800156674905 |
| SKU: 7487 | Warm White    | 3000K | 3800156674875 |
| BLACK     |               |       |               |
| SKU: 7491 | Neutral White | 4000K | 3800156674912 |
| SKU: 7488 | Warm White    | 3000K | 3800156674882 |
| GREY      |               |       |               |
| SKU: 7492 | Neutral White | 4000K | 3800156674929 |
| SKU: 7489 | Warm White    | 3000K | 3800156674899 |



LED Wall Light  
6W-2 Beam



|               |               |             |                      |
|---------------|---------------|-------------|----------------------|
| Product code  | WL6-A5        | CRI         | Ra>80                |
| Watts         | 6W            | IP Rating   | IP54                 |
| Input Voltage | AC : 220-240V | Dimension   | ø110x93 mm           |
| Flux          | 660lm         | Body Colors | White ; Black ; Grey |
| Beam Angle    | 90°           | Dimmable    | NO                   |
| Shape         | Round         |             |                      |

|           |               |       |               |
|-----------|---------------|-------|---------------|
| WHITE     |               |       |               |
| SKU: 7496 | Neutral White | 4000K | 3800156674967 |
| SKU: 7493 | Warm White    | 3000K | 3800156674936 |
| BLACK     |               |       |               |
| SKU: 7497 | Neutral White | 4000K | 3800156674974 |
| SKU: 7494 | Warm White    | 3000K | 3800156674943 |
| GREY      |               |       |               |
| SKU: 7498 | Neutral White | 4000K | 3800156674981 |
| SKU: 7495 | Warm White    | 3000K | 3800156674950 |

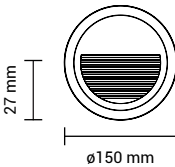


LED STEP LIGHT  
2W Round



|               |               |            |            |
|---------------|---------------|------------|------------|
| Product code  | WL2-A5        | CRI        | Ra>80      |
| Watts         | 2W            | IP Rating  | IP65       |
| Input Voltage | AC : 220-240V | Dimension  | ø150x27 mm |
| Flux          | 80lm          | Body Color | BLACK      |
| Beam Angle    | 55°           | Dimmable   | NO         |
| Shape         | Round         |            |            |

SKU: 7504 Neutral White 4200K 3800156675049  
SKU: 7503 Warm White 3000K 3800156675032

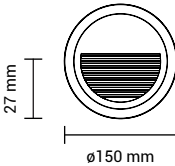


LED STEP LIGHT  
2W Round



|               |               |            |            |
|---------------|---------------|------------|------------|
| Product code  | WL2-A5        | CRI        | Ra>80      |
| Watts         | 2W            | IP Rating  | IP65       |
| Input Voltage | AC : 220-240V | Dimension  | ø150x27 mm |
| Flux          | 80lm          | Body Color | WHITE      |
| Beam Angle    | 55°           | Dimmable   | NO         |
| Shape         | Round         |            |            |

SKU: 7506 Neutral White 4200K 3800156675063  
SKU: 7505 Warm White 3000K 3800156675056

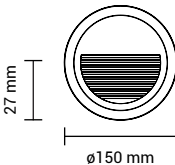


LED STEP LIGHT  
2W Round



|               |               |            |            |
|---------------|---------------|------------|------------|
| Product code  | WL2-A5        | CRI        | Ra>80      |
| Watts         | 2W            | IP Rating  | IP65       |
| Input Voltage | AC : 220-240V | Dimension  | ø150x27 mm |
| Flux          | 80lm          | Body Color | GREY       |
| Beam Angle    | 55°           | Dimmable   | NO         |
| Shape         | Round         |            |            |

SKU: 7508 Neutral White 4200K 3800156675087  
SKU: 7507 Warm White 3000K 3800156675070

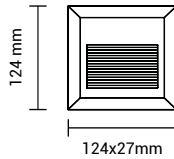


LED STEP LIGHT  
2W Square



|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | WL2-A5        | CRI        | Ra>80        |
| Watts         | 2W            | IP Rating  | IP65         |
| Input Voltage | AC : 220-240V | Dimension  | 124x124x27mm |
| Flux          | 80lm          | Body Color | BLACK        |
| Beam Angle    | 55°           | Dimmable   | NO           |
| Shape         | Square        |            |              |

SKU: 7510 Neutral White 4200K 3800156675100  
SKU: 7509 Warm White 3000K 3800156675094

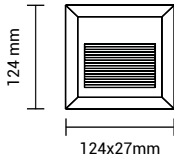


LED STEP LIGHT  
2W Square



|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | WL2-A5        | CRI        | Ra>80        |
| Watts         | 2W            | IP Rating  | IP65         |
| Input Voltage | AC : 220-240V | Dimension  | 124x124x27mm |
| Flux          | 80lm          | Body Color | WHITE        |
| Beam Angle    | 55°           | Dimmable   | NO           |
| Shape         | Square        |            |              |

SKU: 7512 Neutral White 4200K 3800156675124  
SKU: 7511 Warm White 3000K 3800156675117

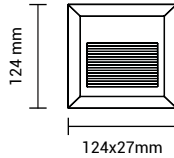


LED STEP LIGHT  
2W Square



|               |               |            |              |
|---------------|---------------|------------|--------------|
| Product code  | WL2-A5        | CRI        | Ra>80        |
| Watts         | 2W            | IP Rating  | IP65         |
| Input Voltage | AC : 220-240V | Dimension  | 124x124x27mm |
| Flux          | 80lm          | Body Color | GREY         |
| Beam Angle    | 55°           | Dimmable   | NO           |
| Shape         | Square        |            |              |

SKU: 7514 Neutral White 4200K 3800156675148  
SKU: 7513 Warm White 3000K 3800156675131

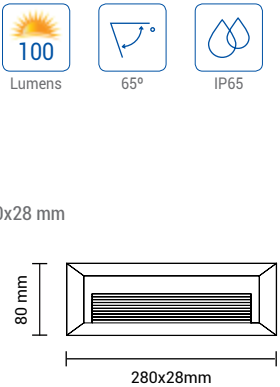


LED STEP LIGHT  
3W Rectangular



|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | WL3-A5        | CRI        | Ra>80         |
| Watts         | 3W            | IP Rating  | IP65          |
| Input Voltage | AC : 220-240V | Dimension  | 280x280x28 mm |
| Flux          | 100lm         | Body Color | BLACK         |
| Beam Angle    | 65°           | Dimmable   | NO            |
| Shape         | Rectangular   |            |               |

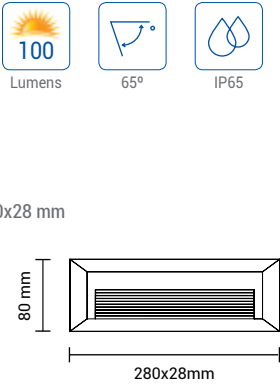
SKU: 7516 Neutral White 4200K 3800156675162  
SKU: 7515 Warm White 3000K 3800156675155



LED STEP LIGHT  
3W Rectangular

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | WL3-A5        | CRI        | Ra>80         |
| Watts         | 3W            | IP Rating  | IP65          |
| Input Voltage | AC : 220-240V | Dimension  | 280x280x28 mm |
| Flux          | 100lm         | Body Color | WHITE         |
| Beam Angle    | 65°           | Dimmable   | NO            |
| Shape         | Rectangular   |            |               |

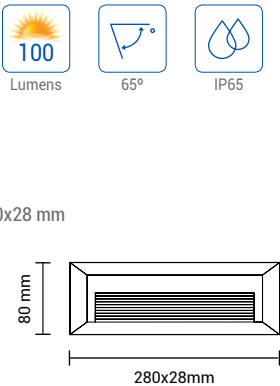
SKU: 7518 Neutral White 4200K 3800156675186  
SKU: 7517 Warm White 3000K 3800156675179



LED STEP LIGHT  
3W Rectangular

|               |               |            |               |
|---------------|---------------|------------|---------------|
| Product code  | WL3-A5        | CRI        | Ra>80         |
| Watts         | 3W            | IP Rating  | IP65          |
| Input Voltage | AC : 220-240V | Dimension  | 280x280x28 mm |
| Flux          | 100lm         | Body Color | GREY          |
| Beam Angle    | 65°           | Dimmable   | NO            |
| Shape         | Rectangular   |            |               |

SKU: 7520 Neutral White 4200K 3800156675209  
SKU: 7519 Warm White 3000K 3800156675193

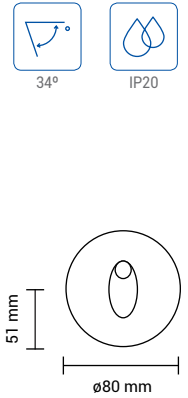


LED STEP LIGHT  
3W Round



|               |               |            |           |
|---------------|---------------|------------|-----------|
| Product code  | WL3-A3        | CRI        | Ra>80     |
| Watts         | 3W            | IP Rating  | IP20      |
| Input Voltage | AC : 220-240V | Dimension  | ø80x51 mm |
| Flux          | 90lm          | Body Color | WHITE     |
| Beam Angle    | 34°           | Dimmable   | NO        |
| Shape         | Round         |            |           |

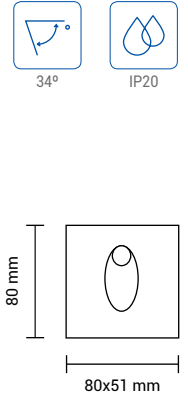
SKU: 7523 Neutral White 4200K 3800156675230  
SKU: 7522 Warm White 3000K 3800156675223



LED STEP LIGHT  
3W Square

|               |               |            |             |
|---------------|---------------|------------|-------------|
| Product code  | WL3-A3        | CRI        | Ra>80       |
| Watts         | 3W            | IP Rating  | IP20        |
| Input Voltage | AC : 220-240V | Dimension  | 80x80x51 mm |
| Flux          | 90lm          | Body Color | WHITE       |
| Beam Angle    | 34°           | Dimmable   | NO          |
| Shape         | Square        |            |             |

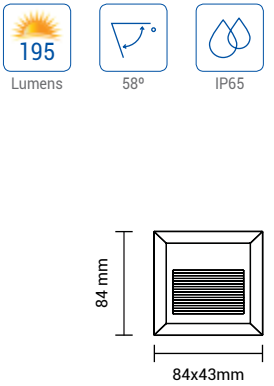
SKU: 7525 Neutral White 4200K 3800156675254  
SKU: 7524 Warm White 3000K 3800156675247



LED STEP LIGHT  
3W Square

|               |               |            |          |
|---------------|---------------|------------|----------|
| Product code  | WL3-A3        | CRI        | Ra>80    |
| Watts         | 3W            | IP Rating  | IP65     |
| Input Voltage | AC : 220-240V | Dimension  | 84x27 mm |
| Flux          | 195lm         | Body Color | WHITE    |
| Beam Angle    | 58°           | Dimmable   | NO       |
| Shape         | Square        |            |          |

SKU: 7521 Neutral White 4200K 3800156675216





## LED OUTDOOR LIGHT

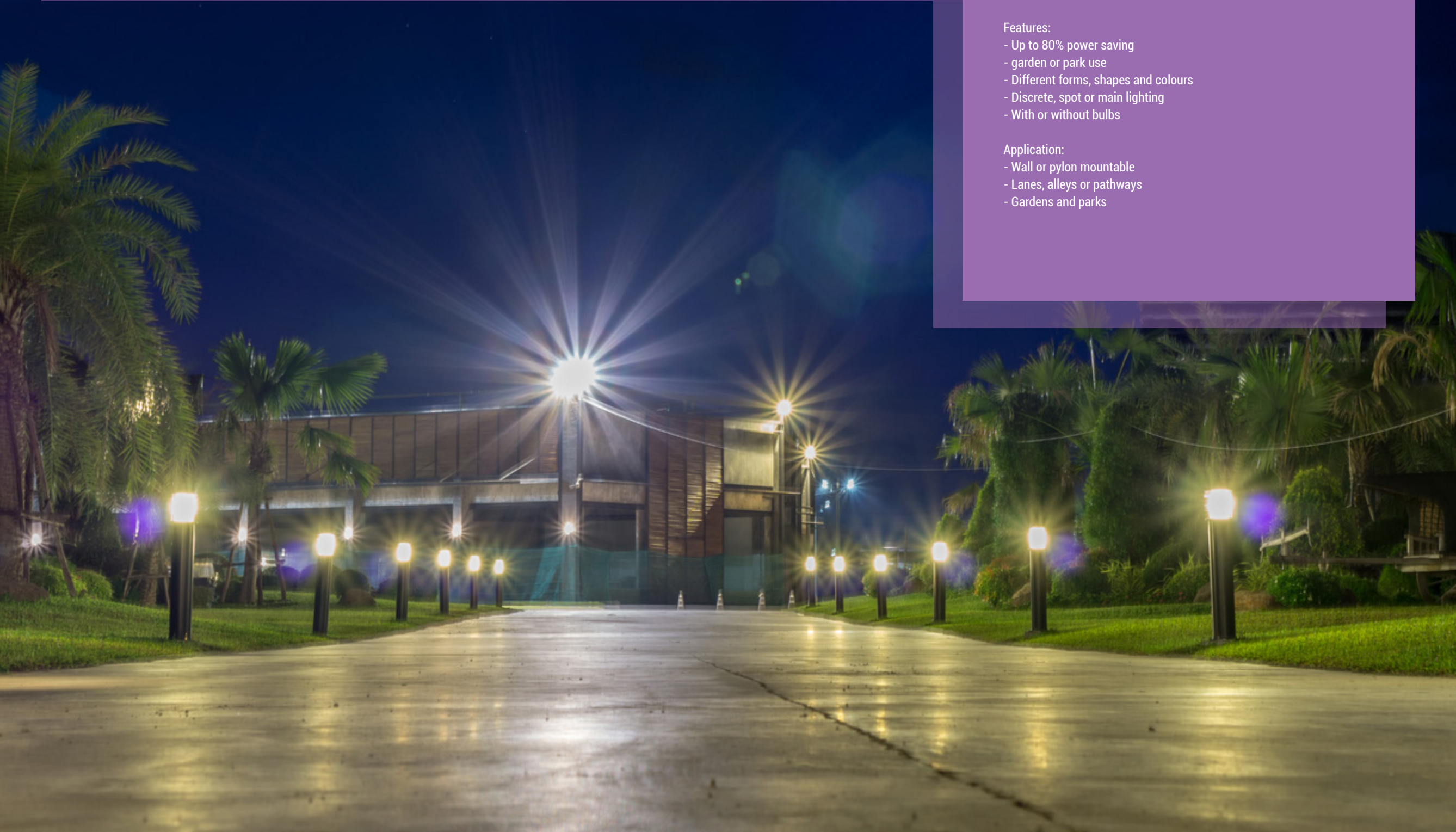
Step outside with our great range of outdoor lighting solutions. Whether you're looking to light up your garden with exterior use wall lights or increase your home's safety with security lights.

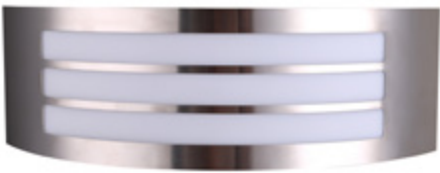
### Features:

- Up to 80% power saving
- garden or park use
- Different forms, shapes and colours
- Discrete, spot or main lighting
- With or without bulbs

### Application:

- Wall or pylon mountable
- Lanes, alleys or pathways
- Gardens and parks





SKU: 7422    Stainless Steel    3800156674226



SKU: 7423    Stainless Steel    3800156674233

Wall Lamp Fitting  
E27 Holder

|               |               |             |                 |
|---------------|---------------|-------------|-----------------|
| Product code  | GD1-A1        | IP Rating   | IP44            |
| Socket        | E27           | Dimension   | 303x100x91 mm   |
| Input Voltage | AC : 220-240V | Body Colors | Stainless Steel |
| Material      | Aluminium     | Max Power   | 16W             |



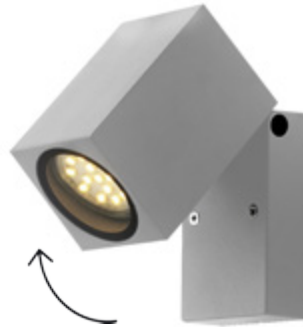
Wall Lamp Fitting  
E27 Holder

|               |                 |             |               |
|---------------|-----------------|-------------|---------------|
| Product code  | WL1-A1          | IP Rating   | IP44          |
| Socket        | E27             | Dimension   | 245x180x93 mm |
| Input Voltage | AC : 220-240V   | Body Colors | Black ; White |
| Material      | Aluminium+Glass | Max Power   | 60W           |



SKU: 7401    Black Body    3800156674011

SKU: 7402    White Body    3800156674028



LED Wall Light Fitting  
GU10 Socket

|               |               |             |                        |
|---------------|---------------|-------------|------------------------|
| Product code  | WL2-A3        | IP Rating   | IP44                   |
| Socket        | GU10          | Dimension   | 100x66x92 mm           |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White ; Silver |
| Material      | Aluminium     | Max Power   | 35W                    |



SKU: 7443    Black Body    3800156674431

SKU: 7444    White Body    3800156674448

SKU: 7445    Silver Body    3800156674455



LED Wall Light Fitting  
Two GU10 Sockets

|               |               |             |                        |
|---------------|---------------|-------------|------------------------|
| Product code  | WL2-A4        | IP Rating   | IP44                   |
| Socket        | 2xGU10        | Dimension   | 92x68x150 mm           |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White ; Silver |
| Material      | Aluminium     | Max Power   | 2x35W                  |



SKU: 7446    Black Body    3800156674462

SKU: 7447    White Body    3800156674479

SKU: 7448    Silver Body    3800156674486





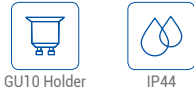
LED Wall Light Fitting  
GU10 Socket



|               |               |             |                                   |           |             |               |
|---------------|---------------|-------------|-----------------------------------|-----------|-------------|---------------|
| Product code  | WL2-A1        | IP Rating   | IP44                              | SKU: 7431 | Black Body  | 3800156674318 |
| Socket        | GU10          | Dimension   | 92x68x80 mm                       | SKU: 7432 | White Body  | 3800156674325 |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White ; Silver ; Polished | SKU: 7433 | Silver Body | 3800156674332 |
| Material      | Aluminium     | Max Power   | 35W                               | SKU: 7449 | Polished    | 3800156674493 |



LED Wall Light Fitting  
GU10 Socket



|               |               |             |                      |           |            |               |
|---------------|---------------|-------------|----------------------|-----------|------------|---------------|
| Product code  | WL2-A1        | IP Rating   | IP44                 | SKU: 7434 | Black Body | 3800156674349 |
| Socket        | GU10          | Dimension   | 100x66x92 mm         | SKU: 7435 | White Body | 3800156674356 |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White ; Grey | SKU: 7436 | Grey Body  | 3800156674363 |
| Material      | Aluminium     | Max Power   | 35W                  |           |            |               |



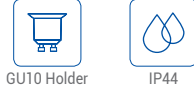
LED Wall Light Fitting  
Two GU10 Sockets



|               |               |             |                                   |           |             |               |
|---------------|---------------|-------------|-----------------------------------|-----------|-------------|---------------|
| Product code  | WL2-A2        | IP Rating   | IP44                              | SKU: 7437 | Black Body  | 3800156674370 |
| Socket        | 2xGU10        | Dimension   | 92x68x150 mm                      | SKU: 7438 | White Body  | 3800156674387 |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White ; Silver ; Polished | SKU: 7439 | Silver Body | 3800156674394 |
| Material      | Aluminium     | Max Power   | 2x35W                             | SKU: 7450 | Polished    | 3800156674509 |



LED Wall Light Fitting  
Two GU10 Sockets



|               |               |             |                      |           |            |               |
|---------------|---------------|-------------|----------------------|-----------|------------|---------------|
| Product code  | WL2-A2        | IP Rating   | IP44                 | SKU: 7440 | Black Body | 3800156674400 |
| Socket        | 2xGU10        | Dimension   | 92x68x150 mm         | SKU: 7441 | White Body | 3800156674417 |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White ; Grey | SKU: 7442 | Grey Body  | 3800156674424 |
| Material      | Aluminium     | Max Power   | 2x35W                |           |            |               |



# LED SOLAR POWER GARDEN LIGHT

OPTONICA

LED Garden Lights 275

NEW



## LED SOLAR LAMP 1.5W Lawn Light



|              |              |
|--------------|--------------|
| Product code | GD2-A3       |
| Watts        | 1.5W         |
| Voltage      | 6V           |
| Flux         | 60lm         |
| Beam Angle   | 110°         |
| Battery      | 1.2V/1500mAh |

|            |                 |
|------------|-----------------|
| CRI        | Ra>80           |
| IP Rating  | IP65            |
| Material   | Aluminium       |
| Body Color | Black           |
| Dimension  | 168x75.5x340 mm |

|           |             |       |               |
|-----------|-------------|-------|---------------|
| SKU: 9321 | White Light | 6000K | 3800156693210 |
| SKU: 9322 | Warm White  | 3000K | 3800156693227 |
| SKU: 9323 | Blue Light  |       | 3800156693234 |
| SKU: 9324 | Green Light |       | 3800156693241 |

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m

NEW



## LED SOLAR LAMP 0.75W Wall Light



|              |         |
|--------------|---------|
| Product code | WL2-A6  |
| Watts        | 0.75W   |
| Voltage      | 5.5V    |
| Flux         | 220lm   |
| Beam Angle   | 110°    |
| Battery      | 1200mAh |

|            |             |
|------------|-------------|
| CRI        | Ra>80       |
| IP Rating  | IP54        |
| Material   | ABS+PC      |
| Body Color | Black       |
| Dimension  | 124x95x48mm |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 7405 | Warm White | 3000K | 3800156674059 |
|-----------|------------|-------|---------------|

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m

NEW



## LED SOLAR LAMP 1.5W Wall Light



|              |         |
|--------------|---------|
| Product code | WL5-A6  |
| Watts        | 1.5W    |
| Voltage      | 7.4V    |
| Flux         | 150lm   |
| Beam Angle   | 110°    |
| Battery      | 1200mAh |

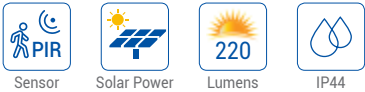
|            |              |
|------------|--------------|
| CRI        | Ra>80        |
| IP Rating  | IP54         |
| Material   | ABS+PC       |
| Body Color | Black        |
| Dimension  | 196x115x45mm |

|           |            |       |               |
|-----------|------------|-------|---------------|
| SKU: 7406 | Warm White | 3000K | 3800156674066 |
|-----------|------------|-------|---------------|

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
2W Wall Light



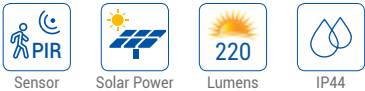
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|--------------|--------------|------------|---------------|
| Product code | GD2-A1       | CRI        | Ra>80         |
| Watts        | 2W           | IP Rating  | IP44          |
| Voltage      | 3.7V         | Material   | Aluminium     |
| Flux         | 220lm        | Body Color | SS Brushed    |
| Beam Angle   | 110°         | Dimension  | 142x125x188mm |
| Battery      | 3.7V/1200mAh |            |               |

SKU: 9331 Warm White 3000K 3800156693319

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
2W Lawn Spike



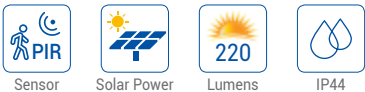
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| Product code | GD2-A1       | CRI        | Ra>80         |
| Watts        | 2W           | IP Rating  | IP44          |
| Voltage      | 3.7V         | Material   | Aluminium     |
| Flux         | 220lm        | Body Color | SS Brushed    |
| Beam Angle   | 110°         | Dimension  | 125x125x500mm |
| Battery      | 3.7V/1200mAh |            |               |

SKU: 9332 Warm White 3000K 3800156693326

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
2W Lawn Light



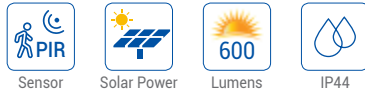
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|--------------|--------------|------------|---------------|
| Product code | GD2-A1       | CRI        | Ra>80         |
| Watts        | 2W           | IP Rating  | IP44          |
| Voltage      | 3.7V         | Material   | Aluminium     |
| Flux         | 220lm        | Body Color | SS Brushed    |
| Beam Angle   | 110°         | Dimension  | 125x125x800mm |
| Battery      | 3.7V/1200mAh |            |               |

SKU: 9333 Warm White 3000K 3800156693333

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
4.4W Wall Light



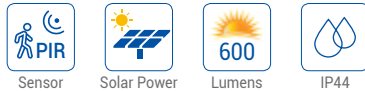
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|--------------|--------------|------------|---------------|
| Product code | GD4-A1       | CRI        | Ra>80         |
| Watts        | 4.4W         | IP Rating  | IP44          |
| Voltage      | 3.7V         | Material   | Aluminium     |
| Flux         | 600lm        | Body Color | SS Brushed    |
| Beam Angle   | 110°         | Dimension  | 173x160x155mm |
| Battery      | 3.7V/2600mAh |            |               |

SKU: 9334 Warm White 3000K 3800156693340

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
4.4W Lawn Spike



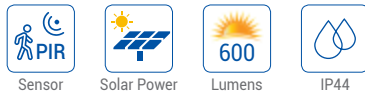
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| Product code | GD4-A1       | CRI        | Ra>80         |
| Watts        | 4.4W         | IP Rating  | IP44          |
| Voltage      | 3.7V         | Material   | Aluminium     |
| Flux         | 600lm        | Body Color | SS Brushed    |
| Beam Angle   | 110°         | Dimension  | 160x160x500mm |
| Battery      | 3.7V/2600mAh |            |               |

SKU: 9335 Warm White 3000K 3800156693357

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
4.4W Lawn Light



|              |              |            |               |
|--------------|--------------|------------|---------------|
| Product code | GD4-A1       | CRI        | Ra>80         |
| Watts        | 4.4W         | IP Rating  | IP44          |
| Voltage      | 3.7V         | Material   | Aluminium     |
| Flux         | 600lm        | Body Color | SS Brushed    |
| Beam Angle   | 110°         | Dimension  | 142x125x188mm |
| Battery      | 3.7V/2600mAh |            |               |

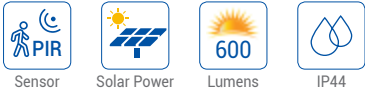
SKU: 9336 Warm White 3000K 3800156693364

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m





LED SOLAR LAMP  
4.4W Wall Light



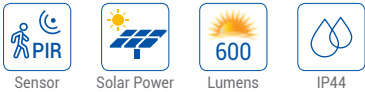
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| Product code | GD4-A1       |            |               |
| Watts        | 4.4W         | CRI        | Ra>80         |
| Voltage      | 3.7V         | IP Rating  | IP44          |
| Flux         | 600lm        | Material   | Aluminium     |
| Beam Angle   | 110°         | Body Color | SS Brushed    |
| Battery      | 3.7V/2600mAh | Dimension  | 162x150x155mm |

SKU: 9337 Warm White 3000K 3800156693371

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
4.4W Lawn Spike



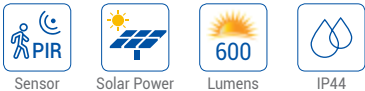
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| Product code | GD4-A1       |            |               |
| Watts        | 4.4W         | CRI        | Ra>80         |
| Voltage      | 3.7V         | IP Rating  | IP44          |
| Flux         | 600lm        | Material   | Aluminium     |
| Beam Angle   | 110°         | Body Color | SS Brushed    |
| Battery      | 3.7V/2600mAh | Dimension  | 150x150x500mm |

SKU: 9338 Warm White 3000K 3800156693388

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
4.4W Lawn Light



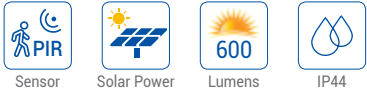
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| Product code | GD4-A1       |            |               |
| Watts        | 4.4W         | CRI        | Ra>80         |
| Voltage      | 3.7V         | IP Rating  | IP44          |
| Flux         | 600lm        | Material   | Aluminium     |
| Beam Angle   | 110°         | Body Color | SS Brushed    |
| Battery      | 3.7V/2600mAh | Dimension  | 150x150x800mm |

SKU: 9339 Warm White 3000K 3800156693395

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
6W Wall Light



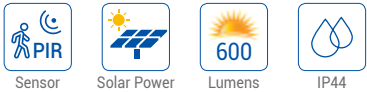
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|--------------|--------------|------------|---------------|
| Product code | GD2-A2       |            |               |
| Watts        | 6W           | CRI        | Ra>80         |
| Voltage      | 3.7V         | IP Rating  | IP44          |
| Flux         | 600lm        | Material   | Aluminium     |
| Beam Angle   | 110°         | Body Color | Black         |
| Battery      | 3.7V/2200mAh | Dimension  | 173x160x155mm |

SKU: 9340 Warm White 6000K 3800156693401

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
6W Lawn Light 50cm



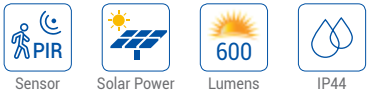
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| Product code | GD2-A2       |            |               |
| Watts        | 6W           | CRI        | Ra>80         |
| Voltage      | 3.7V         | IP Rating  | IP44          |
| Flux         | 600lm        | Material   | Aluminium     |
| Beam Angle   | 110°         | Body Color | Black         |
| Battery      | 3.7V/2200mAh | Dimension  | 150x150x500mm |

SKU: 9341 Warm White 6000K 3800156693418

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m



LED SOLAR LAMP  
6W Lawn Light 90cm



|              |              |            |               |
|--------------|--------------|------------|---------------|
| Product code | GD2-A2       |            |               |
| Watts        | 6W           | CRI        | Ra>80         |
| Voltage      | 3.7V         | IP Rating  | IP44          |
| Flux         | 600lm        | Material   | Aluminium     |
| Beam Angle   | 110°         | Body Color | Black         |
| Battery      | 3.7V/2200mAh | Dimension  | 150x150x900mm |

SKU: 9342 Warm White 6000K 3800156693425

CHARGING TIME~(7-8) Hours  
DETECTION RANGE~8±2m





Wall Lamp Up  
E27 Holder



|               |               |             |                |
|---------------|---------------|-------------|----------------|
| Product code  | GD1-A1        | IP Rating   | IP44           |
| Socket        | E27           | Dimension   | 215x170x220 mm |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White  |
| Material      | Aluminium+PC  | Max Power   | 60W            |

|           |            |               |
|-----------|------------|---------------|
| SKU: 9301 | Black Body | 3800156693012 |
| SKU: 9302 | White Body | 3800156693029 |



Stand Lamp  
E27 Holder

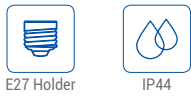


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|---------------|---------------|-------------|----------------|
| Product code  | GD1-A2        | IP Rating   | IP44           |
| Socket        | E27           | Dimension   | 170x170x290 mm |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White  |
| Material      | Aluminium+PC  | Max Power   | 60W            |

|           |            |               |
|-----------|------------|---------------|
| SKU: 9305 | Black Body | 3800156693050 |
| SKU: 9306 | White Body | 3800156693067 |



Wall Lamp Down  
E27 Holder

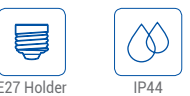


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|---------------|---------------|-------------|----------------|
| Product code  | GD1-A1        | IP Rating   | IP44           |
| Socket        | E27           | Dimension   | 215x170x220 mm |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White  |
| Material      | Aluminium+PC  | Max Power   | 60W            |

|           |            |               |
|-----------|------------|---------------|
| SKU: 9303 | Black Body | 3800156693036 |
| SKU: 9304 | White Body | 3800156693043 |



Ceiling Lamp  
E27 Holder



|               |               |             |                |
|---------------|---------------|-------------|----------------|
| Product code  | GD1-A3        | IP Rating   | IP44           |
| Socket        | E27           | Dimension   | 170x170x740 mm |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White  |
| Material      | Aluminium+PC  | Max Power   | 60W            |

|           |            |               |
|-----------|------------|---------------|
| SKU: 9307 | Black Body | 3800156693074 |
| SKU: 9308 | White Body | 3800156693081 |



Lawn Lamp 60cm  
E27 Holder

|               |               |             |                |
|---------------|---------------|-------------|----------------|
| Product code  | GD1-A1        | IP Rating   | IP44           |
| Socket        | E27           | Dimension   | 170x170x600 mm |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White  |
| Material      | Aluminium+PC  | Max Power   | 60W            |

|           |            |               |
|-----------|------------|---------------|
| SKU: 9309 | Black Body | 3800156693098 |
| SKU: 9310 | White Body | 3800156693104 |



Pole Lamp  
Two E27 Holders

|               |               |             |               |
|---------------|---------------|-------------|---------------|
| Product code  | GD1-A5        | IP Rating   | IP44          |
| Socket        | 2xE27         | Dimension   | 528x1990 mm   |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White |
| Material      | Aluminium+PC  | Max Power   | 2x60W         |

|           |            |               |
|-----------|------------|---------------|
| SKU: 9313 | Black Body | 3800156693135 |
| SKU: 9314 | White Body | 3800156693142 |



Lawn Lamp 90cm  
E27 Holder

|               |               |             |                |
|---------------|---------------|-------------|----------------|
| Product code  | GD1-A1        | IP Rating   | IP44           |
| Socket        | E27           | Dimension   | 170x170x900 mm |
| Input Voltage | AC : 220-240V | Body Colors | Black ; White  |
| Material      | Aluminium+PC  | Max Power   | 60W            |

|           |            |               |
|-----------|------------|---------------|
| SKU: 9311 | Black Body | 3800156693111 |
| SKU: 9312 | White Body | 3800156693128 |



Lawn Lamp  
E27 Holder

|               |               |             |                   |
|---------------|---------------|-------------|-------------------|
| Product code  | GD1-A7        | IP Rating   | IP54              |
| Socket        | E27           | Dimension   | 76x76x800/1000 mm |
| Input Voltage | AC : 220-240V | Body Colors | Grey              |
| Material      | Aluminium+PC  | Max Power   | 16W               |

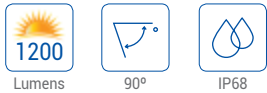
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|-----------|-----------------|---------------|
| SKU: 9315 | Grey Body 80cm  | 3800156693159 |
| SKU: 9316 | Grey Body 100cm | 3800156693166 |



NEW



LED Pool Light  
12W PAR56



|               |            |           |             |
|---------------|------------|-----------|-------------|
| Product code  | PL12-A1    | CRI       | Ra>80       |
| Watts         | 12W        | IP Rating | IP68        |
| Input Voltage | AC/DC :12V | Dimension | ø178x114 mm |
| Flux          | 1200lm     | Body      | Glass       |
| Beam Angle    | 90°        | Dimmable  | NO          |
| Socket        | PAR56      |           |             |

|          |             |       |               |
|----------|-------------|-------|---------------|
| SKU: 571 | White Light | 6000K | 3800156605718 |
| SKU: 572 | Warm White  | 2700K | 3800156605725 |

OSRAM  
Chips

NEW



LED Pool Light  
12W PAR56



|               |            |           |             |
|---------------|------------|-----------|-------------|
| Product code  | PL12-A1    | CRI       | Ra>80       |
| Watts         | 12W        | IP Rating | IP68        |
| Input Voltage | AC/DC :12V | Dimension | ø178x114 mm |
| Flux          | 1200lm     | Body      | Glass       |
| Beam Angle    | 90°        | Dimmable  | NO          |
| Socket        | PAR56      |           |             |

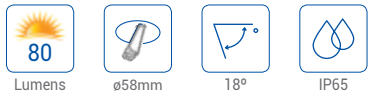


With Remote

|          |     |               |
|----------|-----|---------------|
| SKU: 573 | RGB | 3800156605732 |
|----------|-----|---------------|

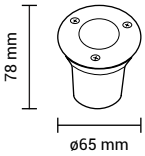
EPISTAR  
Chips

LED Outdoor Light  
1W Spotlight UN1-A1

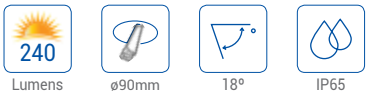


|               |               |            |                 |
|---------------|---------------|------------|-----------------|
| Watts         | 1W            | CRI        | Ra>80           |
| Input Voltage | AC : 220-245V | IP Rating  | IP65            |
| Flux          | 80lm          | Dimension  | ø65x78mm        |
| Beam Angle    | 18°           | Body Color | Stainless steel |

|          |             |       |               |
|----------|-------------|-------|---------------|
| SKU: 507 | White Light | 6000K | 3800156605077 |
| SKU: 517 | Warm White  | 2800K | 3800156605176 |

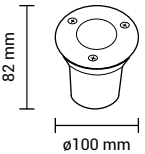


LED Outdoor Light  
3W Spotlight UN3-A1

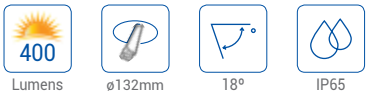


|               |               |            |                 |
|---------------|---------------|------------|-----------------|
| Watts         | 3W            | CRI        | Ra>80           |
| Input Voltage | AC : 220-245V | IP Rating  | IP65            |
| Flux          | 240lm         | Dimension  | ø100x82mm       |
| Beam Angle    | 18°           | Body Color | Stainless steel |

|          |             |       |               |
|----------|-------------|-------|---------------|
| SKU: 501 | White Light | 6000K | 3800156605015 |
| SKU: 502 | Warm White  | 2800K | 3800156605022 |
| SKU: 503 | RGB Light   | RGB   | 3800156605039 |

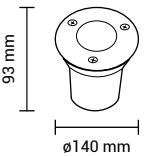


LED Outdoor Light  
5W Spotlight UN5-A1

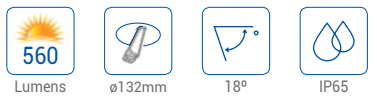


|               |               |            |                 |
|---------------|---------------|------------|-----------------|
| Watts         | 5W            | CRI        | Ra>80           |
| Input Voltage | AC : 220-245V | IP Rating  | IP65            |
| Flux          | 400lm         | Dimension  | ø140x93 mm      |
| Beam Angle    | 18°           | Body Color | Stainless steel |

|          |             |       |               |
|----------|-------------|-------|---------------|
| SKU: 515 | White Light | 6000K | 3800156605152 |
| SKU: 516 | Warm White  | 2800K | 3800156605169 |

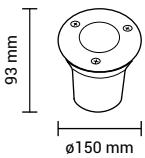


LED Outdoor Light  
7W Spotlight UN7-A1



|               |               |            |                 |
|---------------|---------------|------------|-----------------|
| Watts         | 7W            | CRI        | Ra>80           |
| Input Voltage | AC : 220-245V | IP Rating  | IP65            |
| Flux          | 560lm         | Dimension  | ø150x93 mm      |
| Beam Angle    | 18°           | Body Color | Stainless steel |

|          |             |       |               |
|----------|-------------|-------|---------------|
| SKU: 550 | White Light | 6000K | 3800156605503 |
| SKU: 551 | Warm White  | 2800K | 3800156605510 |







Outdoor String Lights  
E27 Holders OT1-A3

- \* 6 or 14.4 Meters Long String
- \* 10 or 15 Pcs E27 Sockets
- \* Up to 5A
- \* Suspended Sockets
- \* IP65
- \* Black Color

SKU: 5054 10pcs E27 - 6m 3800156650541  
SKU: 5051 15pcs E27 - 14.4m 3800156650510



E27 Holder



IP65



Outdoor String Lights  
E27 Holders OT1-A3

- \* 6 or 14.4 Meters Long String
- \* 10 or 15 Pcs E27 Sockets
- \* Up to 5A
- \* Fixed Sockets
- \* IP65
- \* White Color

SKU: 5055 10pcs E27 - 6m 3800156650558  
SKU: 5053 15pcs E27 - 14.4m 3800156650534



E27 Holder



IP65



Outdoor String Lights  
E27 Holders OT1-A3

- \* 14.4 Meters Long String
- \* 15 Pcs E27 Sockets
- \* Up to 5A
- \* Fixed Sockets
- \* IP65
- \* Black Color

SKU: 5052 15pcs E27 - 14.4m 3800156650527



E27 Holder



IP65



Outdoor String Lights  
Colourful Bulbs

- \* 8 or 13 Meters Long String
- \* 10 or 20 Bulbs included
- \* 0.5 Watts Per Bulb
- \* IP65
- \* Black Color

SKU: 5056 10pcs Bulbs - 8m - 3W Colourful Bulbs 3800156650565  
SKU: 5092 20pcs Bulbs - 13m - 6W Colourful Bulbs 3800156650923



IP65



Linkable up to 2 Strings



Outdoor String Lights  
Colourful Bulbs

- \* 8 or 13 Meters Long String
- \* 10 or 20 Bulbs included
- \* 0.5 Watts Per Bulb
- \* IP65
- \* White Color

SKU: 5090 10pcs Bulbs - 8m - 3W Colourful Bulbs 3800156650909  
SKU: 5095 20pcs Bulbs - 13m - 6W Colourful Bulbs 3800156650954



IP65



Linkable up to 2 Strings



Outdoor String Lights  
With Bulbs

- \* 8 or 13 Meters Long String
- \* 10 or 20 Bulbs included
- \* 0.5 Watts Per Bulb
- \* IP65
- \* Black Color

SKU: 5057 10pcs Bulbs - 8m - 3W 6000K 3800156650572  
SKU: 5058 10pcs Bulbs - 8m - 3W 2700K 3800156650589  
SKU: 5093 20pcs Bulbs - 13m - 6W 6000K 3800156650930  
SKU: 5094 20pcs Bulbs - 13m - 6W 2700K 3800156650947



IP65



Linkable up to 2 Strings



Outdoor String Lights  
With Bulbs

- \* 8 or 13 Meters Long String
- \* 10 or 20 Bulbs included
- \* 0.5 Watts Per Bulb
- \* IP65
- \* White Color

SKU: 5091 10pcs Bulbs - 8m - 3W 2700K 3800156650916  
SKU: 5096 20pcs Bulbs - 13m - 6W 2700K 3800156650961



IP65



Linkable up to 2 Strings





A universe of possibilities when combining the existing lighting solutions with various detecting devices to further enable energy saving and efficiency.

Features:

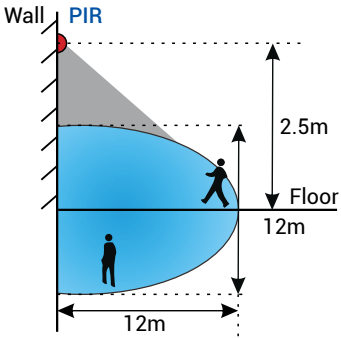
- Up to 80% power saving
- Home, office, garden or park use
- Different forms, shapes and colours
- Easy installation and long lifecycle

Application:

- Wall or pylon mountable

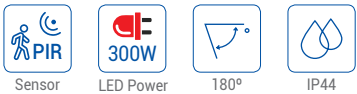
## MOTION SENSORS



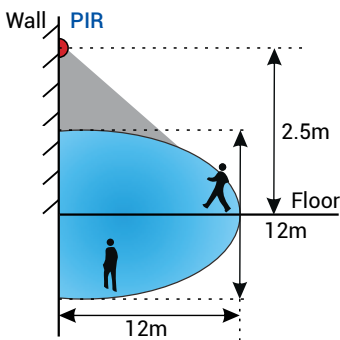


PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A1      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 180°        | Time          | 10sec-7min     |
| Range         | 12m Max     | Max Power     | 300W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP44        | Dimension     | ø65x86.5mm     |

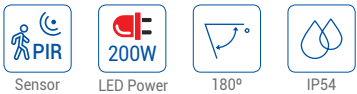


SKU: 7301    White Body    3800156673014

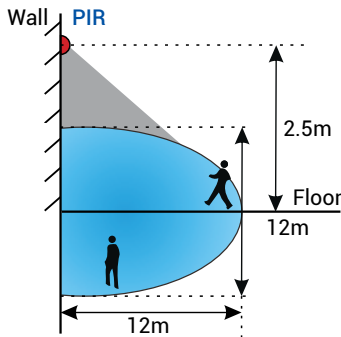


PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A3      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 180°        | Time          | 10sec-7min     |
| Range         | 12m Max     | Max Power     | 200W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP54        | Dimension     | ø77x70mm       |

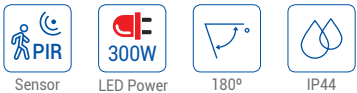


SKU: 7306    White Body    3800156673069

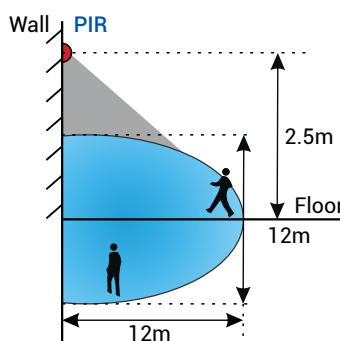


PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A1      | Body Color    | Black          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 180°        | Time          | 10sec-7min     |
| Range         | 12m Max     | Max Power     | 300W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP44        | Dimension     | ø65x86.5mm     |

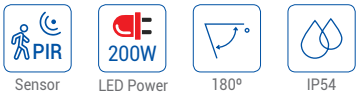


SKU: 7302    Black Body    3800156673021



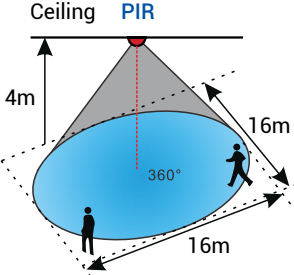
PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A3      | Body Color    | Black          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 180°        | Time          | 10sec-7min     |
| Range         | 12m Max     | Max Power     | 200W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP54        | Dimension     | ø77x70mm       |



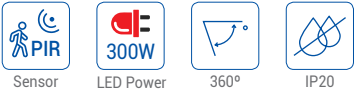
SKU: 7307    Black Body    3800156673076



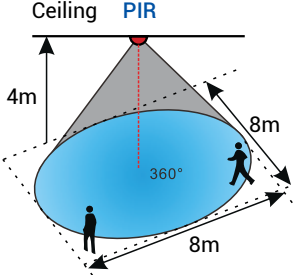


PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A2      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 360°        | Time          | 10sec-7min     |
| Range         | 16m Max     | Max Power     | 300W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP20        | Dimension     | ∅88x55.5mm     |



SKU: 7305    White Body    3800156673052

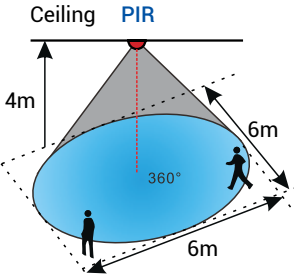


PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A2      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 360°        | Time          | 10sec-7min     |
| Range         | 8m Max      | Max Power     | 1000W LED      |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP20        | Dimension     | ∅108x25mm      |

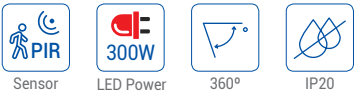


SKU: 7310    White Body    3800156673106

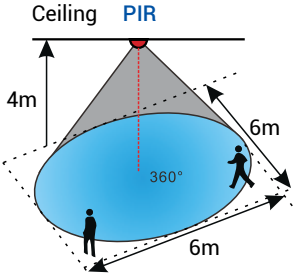


PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A2      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 360°        | Time          | 10sec-7min     |
| Range         | 6m Max      | Max Power     | 300W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP20        | Dimension     | ∅76x76mm       |



SKU: 7308    White Body    3800156673083



PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A2      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 360°        | Time          | 10sec-7min     |
| Range         | 6m Max      | Max Power     | 1000W LED      |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP20        | Dimension     | ∅65x86.5mm     |



SKU: 7311    White Body    3800156673113



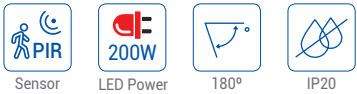
ON/OFF via moving hand



ON/OFF via open and close

Short Distance IR

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A2      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 180°        | Time          | 10sec-7min     |
| Range         | 5cm Max     | Max Power     | 200W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic        |
| IP Rating     | IP20        | Dimension     | 75x18mm        |



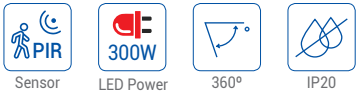
SKU: 7304 White Body 3800156673045



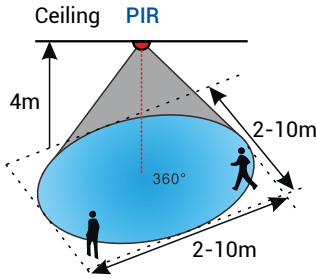
Dimming + Driver  
5.8 Ghz

Microwave Sensor

|               |             |               |                          |
|---------------|-------------|---------------|--------------------------|
| Product code  | SE1-A5      | Body Color    | White                    |
| Input Voltage | AC:110-240V | Class         | II                       |
| Beam Angle    | 180°/ 360°  | Time          | 10sec-30min              |
| Range         | 25-100%     | Max Power     | 300W LED                 |
| Frequency     | 50-60 Hz    | Ambient Light | 5,10,20,30,50,100,200lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU              |
| IP Rating     | IP20        | Dimension     | 75x47mm                  |

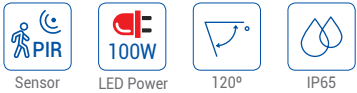


SKU: 7315 White Body 3800156673151



PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A4      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 120°        | Time          | 10sec-7min     |
| Range         | 2-10m Max   | Max Power     | 100W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP65        | Dimension     | 57x35mm        |



SKU: 7309 White Body 3800156673090



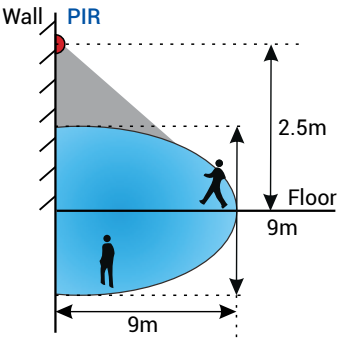
Dimming + Driver  
5.8 Ghz

Microwave Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A5      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 180°        | Time          | 10sec-7min     |
| Range         | 3-10m Max   | Max Power     | 300W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP20        | Dimension     | 56x42mm        |



SKU: 7316 White Body 3800156673168

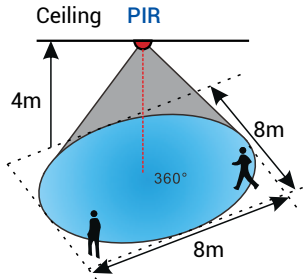


PIR Motion Sensor incandescent

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A2      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 160°        | Time          | 10sec-7min     |
| Range         | 9m Max      | Max Power     | 300W           |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP20        | Dimension     | 80x80x36mm     |

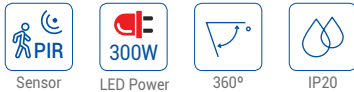


SKU: 7303 White Body 3800156673038

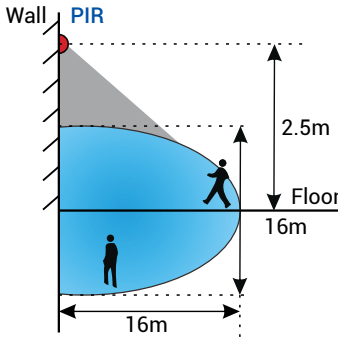
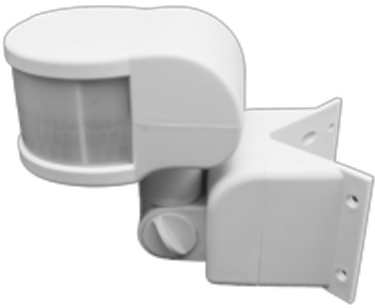


PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A2      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 360°        | Time          | 10sec-7min     |
| Range         | 8m Max      | Max Power     | 300W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP20        | Dimension     | ø80x62mm       |

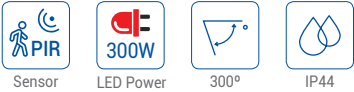


SKU: 7312 White Body 3800156673120



PIR Motion Sensor

|               |             |               |                |
|---------------|-------------|---------------|----------------|
| Product code  | SE1-A1      | Body Color    | White          |
| Input Voltage | AC:110-240V | Class         | II             |
| Beam Angle    | 300°        | Time          | 10sec-7min     |
| Range         | 16m Max     | Max Power     | 300W LED       |
| Frequency     | 50-60 Hz    | Ambient Light | <10Lux-2000Lux |
| Working Temp. | -30°C/+50°C | Material      | Plastic+ALU    |
| IP Rating     | IP44        | Dimension     | 165x117mm      |



SKU: 7313 White Body 3800156673137



Light Control Sensor

|               |             |               |                       |
|---------------|-------------|---------------|-----------------------|
| Product code  | SE1-A1      | Body Color    | White+Blue            |
| Input Voltage | AC:110-240V | Class         | II                    |
| Power         | 6A Max      | Ambient Light | <10Lux ON; >40Lux OFF |
| Frequency     | 50-60 Hz    | Material      | Plastic+ALU           |
| Working Temp. | -30°C/+50°C | Dimension     | 46x44x35mm            |
| IP Rating     | IP44        |               |                       |



SKU: 7314 White Body 3800156673144





## LED DISPLAYS

LED Displays have large variety of applications – for commercial use, information boards and other decorative purposes, with wide customization options.

### Features:

- High power and flexible applications
- For commercial and public use
- Different options for resolutions
- Indoor and outdoor use
- Easy to install and maintain
- Low energy consumption

### Application:

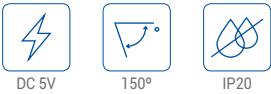
- Stadiums and concerts
- Indoor music halls
- Commercial outdoor use



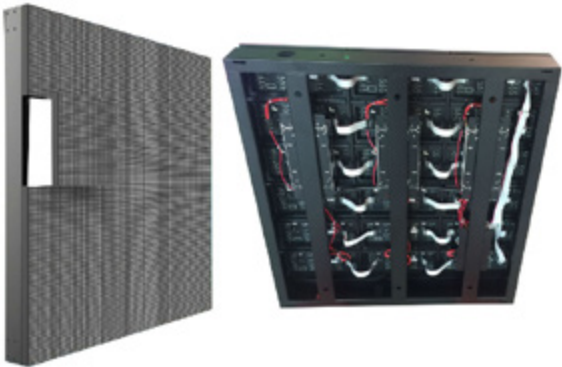


LED Displays  
Module Indoor

- SKU: 631P3 Size3800156606319
- SKU: 601P4 Size3800156606012
- SKU: 602P5 Size3800156606029



|                   | P3           | P4           | P5           |
|-------------------|--------------|--------------|--------------|
| Pixel pitch       | 3 mm         | 4 mm         | 5 mm         |
| Module size       | 192x192 mm   | 256x128 mm   | 320x160 mm   |
| Module pixels     | 64x64 pixel  | 64x32 pixel  | 64x32 pixel  |
| Brightness        | 1100cd/m²    | 1100cd/m²    | 1100cd/m²    |
| Refresh rate      | 1920 Hz      | 1920 Hz      | 1920 Hz      |
| Drive mode        | 1/32 Scan    | 1/16 Scan    | 1/16 Scan    |
| Module Power      | 16.5W        | 16.5W        | 17W          |
| Working Temp.     | -20°C/+50°C  | -20°C/+50°C  | -20°C/+50°C  |
| Pixel Composition | SMD 3in1 RGB | SMD 3in1 RGB | SMD 3in1 RGB |
| Life Span         | 50 000 h     | 50 000 h     | 50 000 h     |

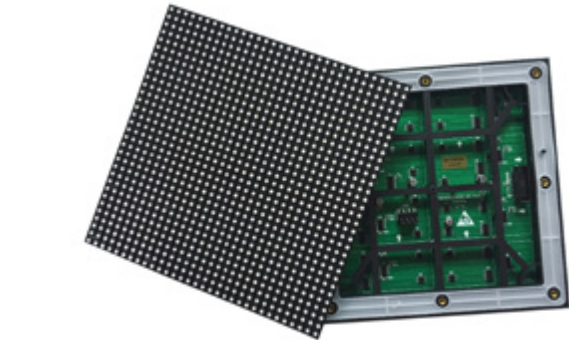


LED Display Cabinet  
Fix INDOOR Ver 2.0

- SKU: 610P3 Size3800156606104
- SKU: 611P4 Size3800156606111
- SKU: 612P5 Size3800156606128



|               | P3              | P4             | P5             |
|---------------|-----------------|----------------|----------------|
| Pixel pitch   | 3 mm            | 4 mm           | 5 mm           |
| Display size  | 960x960mm       | 768x768mm      | 960x960mm      |
| Module size   | 192x192mm       | 256x128mm      | 320x192mm      |
| Brightness    | 2000cd/m²       | 2000cd/m²      | 2000cd/m²      |
| Pixel Density | 111 111dots/ m² | 62 500dots/ m² | 40 000dots/ m² |
| Drive mode    | 1/32 Scan       | 1/16 Scan      | 1/16 Scan      |
| Refresh rate  | 1920 Hz         | 1920 Hz        | 1920 Hz        |
| Working Temp. | -20°C/+50°C     | -20°C/+50°C    | -20°C/+50°C    |
| MAX Power     | 750W            | 750W           | 750W           |
| Life Span     | 50 000 h        | 50 000 h       | 50 000 h       |



LED Displays  
Module Outdoor

- SKU: 603P4 Size3800156606036
- SKU: 604P5 Size3800156606043
- SKU: 606P6 Size3800156606050
- SKU: 605P8 Size3800156606067

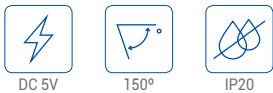


|                   | P4           | P5           | P6           | P8           |
|-------------------|--------------|--------------|--------------|--------------|
| Pixel pitch       | 3 mm         | 3 mm         | 3 mm         | 3 mm         |
| Module size       | 256x128 mm   | 320x160 mm   | 196x196 mm   | 256x128 mm   |
| Module pixels     | 64x32pixel   | 64x32 pixel  | 32x32 pixel  | 32x16 pixel  |
| Brightness        | 5500cd/m²    | 5500cd/m²    | 5500cd/m²    | 5500cd/m²    |
| Refresh rate      | 1920 Hz      | 1920 Hz      | 1920 Hz      | 1920 Hz      |
| Drive mode        | 1/16 Scan    | 1/16 Scan    | 1/16 Scan    | 1/4 Scan     |
| Module Power      | 35W          | 39W          | 26W          | 27W          |
| Working Temp.     | -20°C/+50°C  | -20°C/+50°C  | -20°C/+50°C  | -20°C/+50°C  |
| Pixel Composition | SMD 3in1 RGB | SMD 3in1 RGB | SMD 3in1 RGB | SMD 3in1 RGB |
| Life Span         | 50 000 h     | 50 000 h     | 50 000 h     | 50 000 h     |



LED Display Cabinet  
Fix INDOOR Ver 2.0

- SKU: 638P3 Size3800156606388
- SKU: 639P4 Size3800156606395
- SKU: 640P5 Size3800156606401

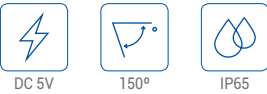


|               | P3              | P4             | P5             |
|---------------|-----------------|----------------|----------------|
| Pixel pitch   | 3 mm            | 4 mm           | 5 mm           |
| Display size  | 960x960mm       | 768x768mm      | 960x960mm      |
| Module size   | 192x192mm       | 256x128mm      | 320x192mm      |
| Brightness    | 2000cd/m²       | 2000cd/m²      | 2000cd/m²      |
| Pixel Density | 111 111dots/ m² | 62 500dots/ m² | 40 000dots/ m² |
| Drive mode    | 1/32 Scan       | 1/16 Scan      | 1/16 Scan      |
| Refresh rate  | 1920 Hz         | 1920 Hz        | 1920 Hz        |
| Working Temp. | -20°C/+50°C     | -20°C/+50°C    | -20°C/+50°C    |
| MAX Power     | 750W            | 750W           | 750W           |
| Life Span     | 50 000 h        | 50 000 h       | 50 000 h       |



LED Display Cabinet  
Fix OUTDOOR

SKU: 617 P4 Size 3800156606173  
SKU: 618 P5 Size 3800156606180  
SKU: 619 P8 Size 3800156606197

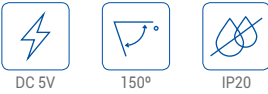


|               |                |                |                |
|---------------|----------------|----------------|----------------|
|               | P4             | P5             | P8             |
| Pixel pitch   | 5 mm           | 5 mm           | 8 mm           |
| Display size  | 768x768mm      | 960x960mm      | 768x768mm      |
| Module size   | 256x128mm      | 160x160mm      | 256x128mm      |
| Brightness    | 5500cd/m²      | 5500cd/m²      | 5500cd/m²      |
| Pixel Density | 62 500dots/ m² | 40 000dots/ m² | 15 625dots/ m² |
| Drive mode    | 1/8 Scan       | 1/8 Scan       | 1/8 Scan       |
| Refresh rate  | 1920 Hz        | 1920 Hz        | 1920 Hz        |
| Working Temp. | -20°C/+50°C    | -20°C/+50°C    | -20°C/+50°C    |
| MAX Power     | 800W           | 800W           | 800W           |
| Life Span     | 50 000 h       | 50 000 h       | 50 000 h       |

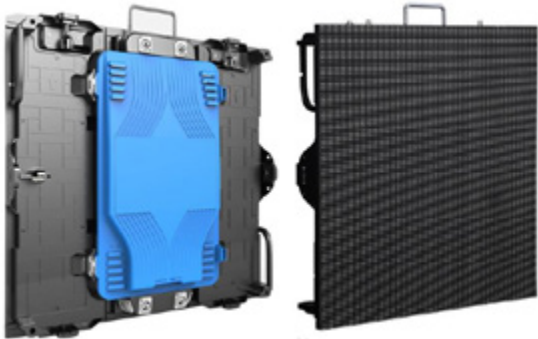


LED Displays  
Rental INDOOR

SKU: 620 P2.5 Size 3800156606203  
SKU: 613 P4 Size 3800156606135  
SKU: 614 P5 Size 3800156606142



|               |                 |                |                |
|---------------|-----------------|----------------|----------------|
|               | P2.5            | P4             | P5             |
| Pixel pitch   | 2.5 mm          | 4 mm           | 5 mm           |
| Display size  | 640x640mm       | 768x768mm      | 960x960mm      |
| Module size   | 160x160mm       | 256x128mm      | 320x160mm      |
| Brightness    | 2000cd/m²       | 2000cd/m²      | 2000cd/m²      |
| Pixel Density | 160 000dots/ m² | 62 500dots/ m² | 40 000dots/ m² |
| Drive mode    | 1/16 Scan       | 1/16 Scan      | 1/16 Scan      |
| Port Type     | HUB75           | HUB75          | HUB75          |
| Working Temp. | -20°C/+50°C     | -20°C/+50°C    | -20°C/+50°C    |
| MAX Power     | 600W            | 600W           | 750W           |
| Life Span     | 50 000 h        | 50 000 h       | 50 000 h       |



LED Displays  
Rental OUTDOOR

SKU: 615 P4 Size 3800156606159  
SKU: 616 P5 Size 3800156606166



|               |                |                |
|---------------|----------------|----------------|
|               | P4             | P5             |
| Pixel pitch   | 4 mm           | 5 mm           |
| Display size  | 768x768mm      | 960x960mm      |
| Module size   | 256x128mm      | 320x160mm      |
| Brightness    | 7500cd/m²      | 7500cd/m²      |
| Pixel Density | 62 500dots/ m² | 40 000dots/ m² |
| Drive mode    | 1/8 Scan       | 1/8 Scan       |
| Port Type     | HUB75          | HUB75          |
| Working Temp. | -20°C/+50°C    | -20°C/+50°C    |
| MAX Power     | 600W           | 750W           |
| Life Span     | 50 000 h       | 50 000 h       |





LED Display Screen  
OUTDOOR STADIUM

SKU: 801 P5 Size 3800156673120  
SKU: 622 P10 Size 3800156673120

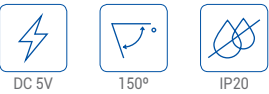


|               |                |                |
|---------------|----------------|----------------|
|               | P5             | P10            |
| Pixel pitch   | 5 mm           | 10 mm          |
| Module size   | 320x160mm      | 320x160mm      |
| Module pixels | 64x32 pixel    | 32x16 pixel    |
| Brightness    | 7500cd/m²      | 7500cd/m²      |
| Pixel Density | 40 000dots/ m² | 10 000dots/ m² |
| Drive mode    | 1/8 Scan       | 1/4 Scan       |
| Port Type     | HUB75          | HUB75          |
| Working Temp. | -20°C/+50°C    | -20°C/+50°C    |
| MAX Power     | 700W           | 700W           |
| Life Span     | 50 000 h       | 50 000 h       |



LED Displays  
INDOOR Poster Display

SKU: 805 P2.5 Size 3800156673120  
SKU: 621 P3 Size 3800156606210  
SKU: 806 P4 Size 3800156673120



|                   |                 |                 |                |
|-------------------|-----------------|-----------------|----------------|
|                   | P2.5            | P3              | P4             |
| Pixel pitch       | 2.5 mm          | 3 mm            | 4 mm           |
| Module size       | 320x160 mm      | 192x192 mm      | 256x128 mm     |
| Module pixels     | 128x64 pixel    | 64x64 pixel     | 64x32 pixel    |
| Brightness        | 2000cd/m²       | 2000cd/m²       | 2000cd/m²      |
| Pixel Density     | 160 000dots/ m² | 111 111dots/ m² | 62 500dots/ m² |
| Drive mode        | 1/32 Scan       | 1/32 Scan       | 1/32 Scan      |
| Port Type         | HUB75           | HUB75           | HUB75          |
| Working Temp.     | -20°C/+50°C     | -20°C/+50°C     | -20°C/+50°C    |
| Pixel Composition | SMD 3in1 RGB    | SMD 3in1 RGB    | SMD 3in1 RGB   |
| Life Span         | 100 000 h       | 100 000 h       | 100 000 h      |



LED Displays  
STAGE FLOOR

SKU: 802 P3.91 Size 3800156673120  
SKU: 803 P4.81 Size 3800156673120  
SKU: 804 P5.95 Size 3800156673120



|               |               |               |               |
|---------------|---------------|---------------|---------------|
|               | P3.91         | P4.81         | P5.95         |
| Pixel pitch   | 3.91 mm       | 4.81 mm       | 5.95 mm       |
| Module size   | 250x250 mm    | 250x250 mm    | 250x250mm     |
| Module pixels | 64x64 pixel   | 52x52 pixel   | 42x42pixel    |
| Brightness    | 7500cd/m²     | 7500cd/m²     | 7500cd/m²     |
| Pixel Density | 65 536dots/m² | 43 264dots/m² | 28 224dots/m² |
| Drive mode    | 1/8 Scan      | 1/13 Scan     | 1/8Scan       |
| Port Type     | HUB75         | HUB75         | HUB75         |
| Working Temp. | -20°C/+50°C   | -20°C/+50°C   | -20°C/+50°C   |
| MAX Power     | 700W          | 700W          | 700W          |
| Life Span     | 50 000 h      | 50 000 h      | 50 000 h      |



LED DISPLAYS  
43 inch IR touch

SKU: 671 43inch 3800156673120  
CPU: Bay Trail-D Celeron Quad-core J1900 2.0GHZ  
Chipset: Intel Bay trail SOC  
GPU Integrate: Intel HD Graphics  
Display output : VGA, built-in VGA pin, HDMI, HDMI pin, LVDS  
Memory: DDR3 2GB  
Hard drive: 32G Hard drive



LED DISPLAYS  
43 inch capacitive touch

SKU: 673 43inch 3800156673120  
CPU: Bay Trail-D Celeron Quad-core J1900 2.0GHZ  
Chipset: Intel Bay trail SOC  
GPU Integrate: Intel HD Graphics  
Display output : VGA, built-in VGA pin, HDMI, HDMI pin, LVDS  
Memory: DDR3 2GB  
Hard drive: 32G Hard drive

**SMART CAMERA ROBOTIC VACUUM CLEANER**

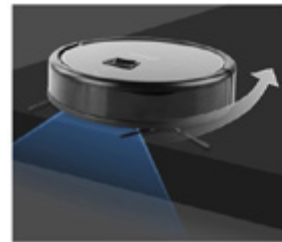
 SKU: 752  
 3800156607521

**BRUSHLESS VACUUM  
MOTOR+ROLLER  
BRUSH**

Clean thoroughly



|                    |                       |                       |                      |
|--------------------|-----------------------|-----------------------|----------------------|
| 1<br>Side Brush    | 2<br>Power Button     | 3<br>Camera           | 4<br>Power Switch    |
| 5<br>Glass Cover   | 6<br>Anti-drop Sensor | 7<br>Charging Connect | 8<br>Universal Wheel |
| 9<br>Battery Cover | 10<br>Wheel           | 11<br>Roller Brush    | 12<br>Mop            |

**Working Time Per Charge: 80-120mins**

**ANTI-DROP  
SENSORS**

 Keep machine safety  
away from stairs

**ANTI-COLLISION  
SENSORS**

 Effective protect machine  
and furniture

**EASY CLIMBING**

Moves over thresholds

**GO TO CLEAN  
UNDER THE  
FURNITURE**

Without omission


**AUTOMATIC  
CHARGING**

 Back to charging dock  
automatically when  
battery is low

**BREAKPOINT  
RESUME  
OPERATION**

 After charging, machine returns  
to breakpoint, continue to clean  
the remaining area.

**SMART GYRO ROBOTIC VACUUM CLEANER**

 SKU: 753  
 3800156607538

**GYROSCOPE NAVIGATION  
MULTIPLE CLEANING MODES**
**AUTO CLEANING ROBOTIC VACUUM CLEANER**

 SKU: 754  
 3800156607545

**ROADROVER  
WHEELS**

 Climbing ability reach 2cm  
With cross-country wheel,  
Easy go crossing the obstacle

**10 PAIRS OF INFRARED  
ANTI-COLLISION SENSORS**

**AUTOMATIC DOCK  
AND CHARGING**

**STRONG SUCTION**

 Up to 1000PA, no dust can  
hide from it

**VARIOUS GROUND  
TYPE APPLICATION**

 Suitable for various floor  
type, low pile carpet, tile,  
wood floor, etc


| SKU | Page No. | SKU  | Page No. | SKU  | Page No. | SKU  | Page No. | SKU  | Page No. | SKU  | Page No. | SKU  | Page No. |
|-----|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|
| 220 | 251      | 801  | 304      | 1318 | 10       | 1466 | 24       | 1541 | 29       | 1745 | 38       | 1816 | 21       |
| 221 | 251      | 802  | 304      | 1319 | 10       | 1467 | 24       | 1542 | 29       | 1746 | 38       | 1817 | 21       |
| 222 | 100      | 803  | 304      | 1320 | 10       | 1468 | 24       | 1543 | 29       | 1747 | 38       | 1818 | 21       |
| 225 | 251      | 804  | 304      | 1321 | 10       | 1469 | 14       | 1615 | 28       | 1748 | 37       | 1819 | 21       |
| 226 | 251      | 805  | 305      | 1322 | 7        | 1470 | 14       | 1616 | 28       | 1749 | 37       | 1830 | 18       |
| 501 | 285      | 806  | 305      | 1323 | 9        | 1471 | 14       | 1617 | 28       | 1750 | 37       | 1834 | 18       |
| 502 | 285      | 1066 | 28       | 1324 | 9        | 1472 | 14       | 1635 | 28       | 1751 | 39       | 1835 | 19       |
| 503 | 285      | 1067 | 28       | 1325 | 11       | 1473 | 14       | 1636 | 28       | 1752 | 39       | 1836 | 19       |
| 507 | 285      | 1068 | 28       | 1326 | 11       | 1474 | 12       | 1637 | 28       | 1753 | 39       | 1837 | 19       |
| 515 | 285      | 1163 | 31       | 1330 | 17       | 1475 | 12       | 1638 | 28       | 1754 | 39       | 1838 | 21       |
| 516 | 285      | 1164 | 31       | 1331 | 17       | 1476 | 12       | 1639 | 28       | 1755 | 39       | 1839 | 21       |
| 517 | 285      | 1167 | 31       | 1332 | 17       | 1477 | 12       | 1640 | 28       | 1756 | 39       | 1840 | 21       |
| 550 | 285      | 1168 | 31       | 1333 | 18       | 1478 | 12       | 1641 | 29       | 1757 | 39       | 1841 | 20       |
| 551 | 285      | 1169 | 31       | 1334 | 18       | 1479 | 12       | 1642 | 29       | 1758 | 39       | 1842 | 20       |
| 571 | 284      | 1170 | 31       | 1335 | 18       | 1480 | 15       | 1643 | 29       | 1759 | 39       | 1843 | 20       |
| 572 | 284      | 1191 | 31       | 1410 | 16       | 1481 | 15       | 1707 | 19       | 1761 | 40       | 1844 | 19       |
| 573 | 284      | 1192 | 31       | 1411 | 16       | 1482 | 15       | 1708 | 19       | 1764 | 40       | 1845 | 20       |
| 601 | 300      | 1193 | 31       | 1412 | 16       | 1483 | 24       | 1709 | 19       | 1765 | 40       | 1846 | 20       |
| 602 | 300      | 1194 | 31       | 1413 | 14       | 1484 | 24       | 1718 | 36       | 1766 | 40       | 1847 | 20       |
| 603 | 300      | 1195 | 31       | 1414 | 16       | 1485 | 24       | 1719 | 36       | 1767 | 40       | 1849 | 18       |
| 604 | 300      | 1196 | 31       | 1415 | 15       | 1487 | 24       | 1720 | 36       | 1767 | 40       | 1850 | 18       |
| 605 | 300      | 1263 | 33       | 1416 | 15       | 1488 | 24       | 1721 | 36       | 1768 | 40       | 1851 | 18       |
| 606 | 300      | 1264 | 33       | 1417 | 13       | 1489 | 24       | 1722 | 36       | 1769 | 40       | 1852 | 18       |
| 610 | 301      | 1265 | 33       | 1418 | 13       | 1490 | 14       | 1723 | 36       | 1770 | 40       | 1854 | 8        |
| 611 | 301      | 1266 | 33       | 1419 | 23       | 1491 | 15       | 1724 | 37       | 1772 | 40       | 1855 | 8        |
| 612 | 301      | 1267 | 33       | 1420 | 23       | 1492 | 13       | 1725 | 37       | 1773 | 40       | 1856 | 8        |
| 613 | 303      | 1268 | 33       | 1421 | 23       | 1493 | 25       | 1726 | 37       | 1774 | 17       | 1857 | 8        |
| 614 | 303      | 1269 | 33       | 1438 | 24       | 1494 | 25       | 1727 | 36       | 1775 | 17       | 1858 | 8        |
| 615 | 303      | 1270 | 33       | 1439 | 24       | 1495 | 25       | 1728 | 36       | 1776 | 17       | 1859 | 8        |
| 616 | 303      | 1271 | 33       | 1440 | 24       | 1496 | 25       | 1729 | 36       | 1777 | 18       | 1860 | 12       |
| 617 | 302      | 1272 | 33       | 1447 | 25       | 1497 | 25       | 1730 | 37       | 1778 | 18       | 1861 | 12       |
| 618 | 302      | 1273 | 33       | 1448 | 25       | 1498 | 25       | 1731 | 37       | 1779 | 18       | 1862 | 12       |
| 619 | 302      | 1274 | 33       | 1449 | 25       | 1516 | 29       | 1732 | 37       | 1780 | 39       | 1863 | 12       |
| 620 | 303      | 1305 | 7        | 1451 | 25       | 1517 | 29       | 1733 | 37       | 1781 | 39       | 1864 | 10       |
| 621 | 305      | 1306 | 7        | 1452 | 25       | 1518 | 29       | 1734 | 37       | 1782 | 39       | 1865 | 10       |
| 622 | 304      | 1308 | 8        | 1453 | 25       | 1519 | 29       | 1735 | 37       | 1790 | 4        | 1866 | 10       |
| 631 | 300      | 1309 | 8        | 1457 | 23       | 1528 | 22       | 1736 | 38       | 1791 | 4        | 1867 | 11       |
| 638 | 301      | 1310 | 9        | 1458 | 23       | 1529 | 22       | 1737 | 38       | 1792 | 4        | 1868 | 11       |
| 639 | 301      | 1311 | 9        | 1459 | 23       | 1530 | 22       | 1738 | 38       | 1793 | 4        | 1869 | 11       |
| 640 | 301      | 1312 | 9        | 1460 | 23       | 1531 | 30       | 1739 | 38       | 1794 | 11       | 1872 | 13       |
| 671 | 305      | 1313 | 10       | 1461 | 23       | 1532 | 30       | 1740 | 38       | 1795 | 7        | 1876 | 20       |
| 673 | 305      | 1314 | 10       | 1462 | 23       | 1533 | 30       | 1741 | 38       | 1796 | 9        | 1877 | 20       |
| 752 | 306      | 1315 | 10       | 1463 | 23       | 1534 | 30       | 1742 | 38       | 1813 | 21       | 1878 | 20       |
| 753 | 307      | 1316 | 10       | 1464 | 23       | 1535 | 30       | 1743 | 38       | 1814 | 21       | 1879 | 6        |
| 754 | 307      | 1317 | 10       | 1465 | 23       | 1536 | 30       | 1744 | 38       | 1815 | 21       | 1880 | 6        |

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|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|
| 1881 | 19       | 1950 | 27       | 2289 | 82       | 2443 | 124      | 2537 | 70       | 2643 | 119      | 2770 | 104      |
| 1882 | 19       | 1951 | 27       | 2290 | 83       | 2444 | 125      | 2538 | 70       | 2644 | 119      | 2771 | 104      |
| 1883 | 19       | 1952 | 27       | 2291 | 83       | 2445 | 125      | 2539 | 71       | 2666 | 116      | 2774 | 107      |
| 1884 | 20       | 1953 | 27       | 2292 | 84       | 2446 | 125      | 2540 | 71       | 2667 | 116      | 2775 | 107      |
| 1885 | 20       | 1954 | 27       | 2293 | 84       | 2447 | 125      | 2541 | 71       | 2668 | 116      | 2776 | 105      |
| 1886 | 20       | 1955 | 27       | 2294 | 86       | 2448 | 125      | 2542 | 71       | 2669 | 116      | 2777 | 105      |
| 1887 | 5        | 1956 | 27       | 2295 | 86       | 2449 | 125      | 2581 | 126      | 2670 | 116      | 2780 | 109      |
| 1888 | 5        | 1957 | 32       | 2296 | 257      | 2450 | 125      | 2582 | 126      | 2671 | 116      | 2781 | 109      |
| 1889 | 5        | 1958 | 32       | 2297 | 85       | 2451 | 125      | 2583 | 126      | 2672 | 116      | 2782 | 109      |
| 1890 | 5        | 1959 | 32       | 2298 | 87       | 2452 | 125      | 2584 | 126      | 2673 | 116      | 2794 | 109      |
| 1891 | 22       | 1960 | 32       | 2299 | 87       | 2453 | 125      | 2585 | 126      | 2674 | 116      | 2795 | 109      |
| 1892 | 22       | 1961 | 32       | 2335 | 124      | 2454 | 125      | 2586 | 128      | 2675 | 116      | 2796 | 109      |
| 1893 | 6        | 1962 | 32       | 2336 | 124      | 2455 | 125      | 2587 | 128      | 2676 | 116      | 2797 | 108      |
| 1894 | 22       | 1963 | 32       | 2348 | 125      | 2456 | 125      | 2590 | 122      | 2677 | 116      | 2798 | 108      |
| 1895 | 22       | 1964 | 32       | 2349 | 125      | 2470 | 120      | 2591 | 122      | 2678 | 117      | 2799 | 108      |
| 1897 | 22       | 1965 | 32       | 2350 | 105      | 2471 | 120      | 2592 | 122      | 2679 | 117      | 2801 | 77       |
| 1898 | 22       | 1970 | 35       | 2351 | 105      | 2472 | 120      | 2593 | 122      | 2680 | 117      | 2802 | 77       |
| 1899 | 8        | 1971 | 35       | 2363 | 105      | 2473 | 120      | 2594 | 123      | 2681 | 117      | 2803 | 77       |
| 1910 | 26       | 1972 | 35       | 2372 | 110      | 2474 | 120      | 2595 | 123      | 2682 | 117      | 2804 | 77       |
| 1914 | 26       | 1986 | 6        | 2373 | 110      | 2475 | 120      | 2596 | 123      | 2683 | 117      | 2805 | 77       |
| 1915 | 27       | 2231 | 72       | 2374 | 110      | 2476 | 120      | 2597 | 123      | 2684 | 117      | 2806 | 77       |
| 1916 | 27       | 2232 | 72       | 2375 | 110      | 2477 | 120      | 2601 | 118      | 2685 | 117      | 2807 | 76       |
| 1917 | 27       | 2235 | 72       | 2376 | 110      | 2478 | 120      | 2602 | 118      | 2686 | 117      | 2808 | 76       |
| 1918 | 26       | 2236 | 72       | 2377 | 110      | 2479 | 120      | 2603 | 118      | 2687 | 117      | 2809 | 76       |
| 1919 | 26       | 2237 | 73       | 2382 | 105      | 2480 | 120      | 2604 | 118      | 2688 | 117      | 2810 | 76       |
| 1920 | 26       | 2238 | 73       | 2383 | 105      | 2481 | 120      | 2605 | 118      | 2689 | 117      | 2811 | 76       |
| 1921 | 26       | 2241 | 73       | 2384 | 105      | 2482 | 120      | 2606 | 118      | 2720 | 104      | 2812 | 76       |
| 1922 | 26       | 2242 | 73       | 2394 | 108      | 2483 | 120      | 2607 | 118      | 2721 | 104      | 2813 | 76       |
| 1923 | 26       | 2243 | 72       | 2395 | 108      | 2484 | 120      | 2608 | 118      | 2722 | 104      | 2814 | 76       |
| 1929 | 34       | 2244 | 72       | 2396 | 108      | 2485 | 121      | 2609 | 118      | 2726 | 107      | 2815 | 76       |
| 1930 | 34       | 2245 | 72       | 2397 | 108      | 2486 | 121      | 2610 | 118      | 2727 | 107      | 2816 | 76       |
| 1931 | 34       | 2246 | 72       | 2398 | 108      | 2487 | 121      | 2611 | 118      | 2728 | 107      | 2817 | 76       |
| 1932 | 34       | 2247 | 72       | 2399 | 108      | 2488 | 121      | 2612 | 118      | 2731 | 107      | 2818 | 76       |
| 1933 | 34       | 2248 | 72       | 2431 | 124      | 2489 | 121      | 2613 | 118      | 2732 | 107      | 2840 | 78       |
| 1934 | 34       | 2249 | 72       | 2432 | 124      | 2490 | 121      | 2614 | 119      | 2733 | 107      | 2841 | 78       |
| 1935 | 34       | 2250 | 72       | 2433 | 124      | 2491 | 121      | 2615 | 119      | 2734 | 106      | 2842 | 78       |
| 1936 | 34       | 2251 | 73       | 2434 | 124      | 2492 | 121      | 2616 | 119      | 2735 | 106      | 2843 | 78       |
| 1937 | 34       | 2252 | 73       | 2435 | 124      | 2493 | 121      | 2617 | 119      | 2736 | 106      | 2844 | 78       |
| 1938 | 34       | 2253 | 73       | 2436 | 124      | 2494 | 121      | 2618 | 119      | 2737 | 106      | 2845 | 78       |
| 1939 | 34       | 2254 | 73       | 2437 | 124      | 2495 | 121      | 2619 | 119      | 2738 | 106      | 2846 | 78       |
| 1940 | 34       | 2255 | 73       | 2438 | 124      | 2496 | 121      | 2630 | 119      | 2739 | 106      | 2847 | 78       |
| 1943 | 35       | 2256 | 73       | 2439 | 124      | 2497 | 121      | 2631 | 119      | 2740 | 104      | 2848 | 78       |
| 1945 | 35       | 2257 | 73       | 2440 | 124      | 2498 | 121      | 2632 | 119      | 2741 | 104      | 2859 | 79       |
| 1946 | 35       | 2258 | 73       | 2441 | 124      | 2499 | 121      | 2635 | 70       | 2744 | 106      | 2850 | 79       |
| 1947 | 35       | 2279 | 82       | 2442 | 124      | 2536 | 70       | 2642 | 119      | 2745 | 106      | 2851 | 79       |



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|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|
| 2852 | 79       | 3271 | 136      | 4456 | 153      | 4561 | 167      | 4825 | 145      | 5013 | 209      | 5073 | 42       |
| 2853 | 79       | 3272 | 136      | 4461 | 152      | 4562 | 167      | 4827 | 145      | 5014 | 209      | 5074 | 42       |
| 2854 | 79       | 3273 | 136      | 4462 | 152      | 4563 | 167      | 4839 | 146      | 5015 | 209      | 5075 | 42       |
| 2855 | 79       | 3274 | 136      | 4462 | 152      | 4564 | 167      | 4840 | 146      | 5016 | 209      | 5076 | 43       |
| 2856 | 79       | 3275 | 136      | 4471 | 152      | 4580 | 165      | 4841 | 146      | 5017 | 209      | 5077 | 43       |
| 2857 | 79       | 3276 | 136      | 4480 | 155      | 4581 | 165      | 4850 | 149      | 5018 | 209      | 5078 | 43       |
| 2858 | 80       | 3277 | 136      | 4481 | 155      | 4582 | 165      | 4851 | 149      | 5019 | 209      | 5081 | 41       |
| 2859 | 80       | 3278 | 136      | 4482 | 155      | 4583 | 165      | 4852 | 149      | 5020 | 209      | 5082 | 41       |
| 2860 | 81       | 3284 | 132      | 4483 | 155      | 4584 | 165      | 4853 | 149      | 5021 | 209      | 5083 | 41       |
| 2861 | 81       | 3285 | 132      | 4484 | 155      | 4585 | 165      | 4854 | 149      | 5022 | 209      | 5084 | 41       |
| 3201 | 134      | 3286 | 132      | 4485 | 154      | 4586 | 165      | 4855 | 149      | 5023 | 209      | 5085 | 41       |
| 3202 | 134      | 3287 | 133      | 4486 | 154      | 4587 | 165      | 4856 | 149      | 5024 | 209      | 5086 | 41       |
| 3203 | 134      | 3288 | 133      | 4487 | 154      | 4611 | 164      | 4857 | 149      | 5025 | 209      | 5090 | 287      |
| 3204 | 134      | 3289 | 133      | 4488 | 154      | 4612 | 164      | 4858 | 149      | 5026 | 209      | 5091 | 287      |
| 3205 | 134      | 3290 | 132      | 4490 | 157      | 4700 | 142      | 4861 | 147      | 5027 | 203      | 5092 | 287      |
| 3206 | 134      | 3291 | 132      | 4491 | 157      | 4702 | 142      | 4862 | 147      | 5028 | 203      | 5093 | 287      |
| 3207 | 134      | 3292 | 132      | 4492 | 157      | 4703 | 142      | 4901 | 148      | 5029 | 203      | 5094 | 287      |
| 3212 | 134      | 3293 | 133      | 4511 | 166      | 4704 | 142      | 4902 | 148      | 5030 | 203      | 5095 | 287      |
| 3222 | 134      | 3294 | 133      | 4512 | 166      | 4705 | 142      | 4903 | 148      | 5031 | 201      | 5096 | 287      |
| 3223 | 134      | 3295 | 133      | 4513 | 166      | 4706 | 142      | 4911 | 148      | 5032 | 201      | 5150 | 159      |
| 3224 | 134      | 4311 | 146      | 4514 | 166      | 4710 | 142      | 4912 | 148      | 5033 | 201      | 5151 | 197      |
| 3225 | 134      | 4312 | 147      | 4515 | 166      | 4711 | 142      | 4913 | 148      | 5034 | 201      | 5152 | 197      |
| 3241 | 135      | 4313 | 143      | 4516 | 166      | 4720 | 144      | 4921 | 148      | 5035 | 201      | 5153 | 208      |
| 3242 | 135      | 4314 | 143      | 4521 | 166      | 4721 | 144      | 4922 | 148      | 5036 | 203      | 5154 | 208      |
| 3243 | 135      | 4315 | 146      | 4522 | 166      | 4731 | 144      | 4923 | 148      | 5037 | 203      | 5155 | 208      |
| 3244 | 135      | 4316 | 147      | 4523 | 166      | 4732 | 144      | 4931 | 150      | 5038 | 203      | 5156 | 208      |
| 3251 | 135      | 4403 | 156      | 4524 | 166      | 4733 | 144      | 4932 | 150      | 5039 | 203      | 5157 | 208      |
| 3252 | 135      | 4404 | 156      | 4525 | 166      | 4734 | 144      | 4933 | 150      | 5040 | 203      | 5158 | 208      |
| 3253 | 135      | 4405 | 156      | 4526 | 166      | 4735 | 144      | 4934 | 150      | 5041 | 139      | 5159 | 208      |
| 3254 | 135      | 4406 | 156      | 4531 | 167      | 4736 | 144      | 4935 | 150      | 5042 | 139      | 5160 | 208      |
| 3255 | 135      | 4421 | 151      | 4532 | 167      | 4740 | 142      | 4936 | 150      | 5043 | 139      | 5162 | 159      |
| 3256 | 135      | 4422 | 151      | 4533 | 167      | 4761 | 143      | 4937 | 150      | 5044 | 138      | 5165 | 159      |
| 3267 | 129      | 4423 | 151      | 4534 | 167      | 4762 | 143      | 4938 | 150      | 5045 | 138      | 5166 | 159      |
| 3258 | 129      | 4424 | 153      | 4535 | 167      | 4763 | 143      | 4939 | 150      | 5046 | 138      | 5170 | 43       |
| 3260 | 137      | 4425 | 153      | 4541 | 162      | 4788 | 165      | 5001 | 158      | 5051 | 286      | 5171 | 43       |
| 3261 | 137      | 4426 | 153      | 4542 | 162      | 4789 | 165      | 5002 | 158      | 5052 | 286      | 5172 | 43       |
| 3262 | 137      | 4431 | 151      | 4543 | 162      | 4800 | 145      | 5003 | 127      | 5053 | 286      | 5175 | 158      |
| 3263 | 137      | 4432 | 151      | 4544 | 162      | 4801 | 145      | 5005 | 127      | 5054 | 286      | 5176 | 158      |
| 3264 | 132      | 4433 | 151      | 4545 | 162      | 4802 | 145      | 5006 | 127      | 5055 | 286      | 5179 | 159      |
| 3265 | 132      | 4441 | 152      | 4546 | 162      | 4807 | 145      | 5007 | 209      | 5056 | 287      | 5182 | 113      |
| 3266 | 132      | 4451 | 151      | 4551 | 163      | 4808 | 145      | 5008 | 209      | 5057 | 287      | 5183 | 158      |
| 3267 | 133      | 4452 | 151      | 4552 | 163      | 4809 | 146      | 5009 | 209      | 5058 | 287      | 5184 | 158      |
| 3268 | 133      | 4453 | 151      | 4553 | 163      | 4810 | 146      | 5010 | 209      | 5070 | 42       | 5185 | 158      |
| 3269 | 133      | 4454 | 153      | 4554 | 163      | 4811 | 146      | 5011 | 209      | 5071 | 42       | 5188 | 113      |
| 3270 | 136      | 4455 | 153      | 4555 | 163      | 4823 | 145      | 5012 | 209      | 5072 | 42       | 5190 | 158      |



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| 5191 | 158      | 5405 | 226      | 5548 | 48       | 5795 | 217      | 5851 | 224      | 0221 | 237      | 5904 | 218      |
| 5192 | 158      | 5460 | 213      | 5549 | 48       | 5796 | 217      | 5853 | 225      | 0222 | 100      | 5905 | 218      |
| 5193 | 158      | 5461 | 213      | 5601 | 51       | 5797 | 217      | 5854 | 225      | 0225 | 237      | 5906 | 218      |
| 5194 | 159      | 5462 | 213      | 5602 | 51       | 5801 | 222      | 5856 | 225      | 0226 | 237      | 5907 | 218      |
| 5196 | 113      | 5463 | 213      | 5603 | 51       | 5802 | 222      | 5857 | 225      | 0501 | 274      | 5908 | 218      |
| 5197 | 113      | 5465 | 212      | 5604 | 51       | 5803 | 222      | 5858 | 225      | 0503 | 274      | 5909 | 218      |
| 5198 | 113      | 5466 | 212      | 5605 | 51       | 5804 | 222      | 5859 | 225      | 0512 | 274      | 5910 | 218      |
| 5210 | 228      | 5467 | 212      | 5606 | 51       | 5805 | 222      | 5860 | 225      | 0515 | 275      | 5911 | 218      |
| 5212 | 228      | 5472 | 230      | 5607 | 51       | 5806 | 222      | 5861 | 225      | 0516 | 275      | 5912 | 218      |
| 5233 | 228      | 5473 | 230      | 5608 | 51       | 5807 | 222      | 5862 | 225      | 0517 | 274      | 5913 | 218      |
| 5279 | 229      | 5474 | 230      | 5609 | 51       | 5808 | 222      | 5863 | 225      | 0550 | 275      | 5914 | 218      |
| 5321 | 207      | 5475 | 230      | 5610 | 50       | 5809 | 222      | 5865 | 214      | 0601 | 290      | 5915 | 219      |
| 5322 | 207      | 5476 | 230      | 5611 | 50       | 5810 | 222      | 5866 | 214      | 0602 | 290      | 5916 | 219      |
| 5323 | 207      | 5504 | 49       | 5614 | 50       | 5811 | 222      | 5867 | 214      | 0603 | 291      | 5917 | 219      |
| 5324 | 207      | 5511 | 49       | 5615 | 50       | 5812 | 222      | 5868 | 214      | 0604 | 291      | 5918 | 219      |
| 5325 | 207      | 5512 | 49       | 5617 | 50       | 5816 | 222      | 5869 | 214      | 0605 | 291      | 5919 | 219      |
| 5326 | 207      | 5513 | 49       | 5618 | 50       | 5817 | 222      | 5870 | 214      | 0606 | 291      | 5920 | 219      |
| 5327 | 207      | 5514 | 49       | 5626 | 53       | 5818 | 231      | 5871 | 214      | 0610 | 292      | 5921 | 219      |
| 5328 | 207      | 5515 | 49       | 5627 | 53       | 5819 | 231      | 5872 | 214      | 0611 | 292      | 5922 | 219      |
| 5329 | 207      | 5516 | 49       | 5629 | 53       | 5821 | 223      | 5873 | 214      | 0612 | 292      | 5923 | 219      |
| 5330 | 207      | 5517 | 49       | 5630 | 53       | 5822 | 223      | 5874 | 214      | 0613 | 248      | 5924 | 219      |
| 5331 | 207      | 5518 | 49       | 5645 | 47       | 5823 | 223      | 5875 | 214      | 0614 | 294      | 5925 | 219      |
| 5332 | 207      | 5519 | 49       | 5646 | 47       | 5824 | 223      | 5876 | 214      | 0615 | 294      | 5926 | 219      |
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| 5372 | 200      | 5522 | 46       | 5648 | 47       | 5826 | 223      | 5878 | 214      | 0617 | 293      | 5928 | 219      |
| 5373 | 200      | 5523 | 46       | 5649 | 47       | 5827 | 223      | 5879 | 214      | 0618 | 293      | 5929 | 219      |
| 5374 | 200      | 5524 | 46       | 5650 | 47       | 5828 | 223      | 5880 | 215      | 0619 | 293      | 5930 | 220      |
| 5375 | 200      | 5525 | 46       | 5651 | 47       | 5829 | 223      | 5881 | 215      | 0620 | 294      | 5931 | 220      |
| 5376 | 200      | 5526 | 46       | 5652 | 47       | 5830 | 223      | 5882 | 215      | 0621 | 296      | 5932 | 220      |
| 5377 | 201      | 5527 | 46       | 5653 | 47       | 5831 | 223      | 5883 | 215      | 0622 | 295      | 5933 | 220      |
| 5380 | 202      | 5528 | 46       | 5654 | 47       | 5832 | 223      | 5884 | 215      | 0631 | 290      | 5934 | 220      |
| 5381 | 202      | 5529 | 46       | 5655 | 47       | 5836 | 223      | 5885 | 215      | 0638 | 292      | 5935 | 220      |
| 5382 | 202      | 5530 | 46       | 5656 | 47       | 5837 | 223      | 5886 | 215      | 0639 | 292      | 5936 | 220      |
| 5383 | 204      | 5531 | 46       | 5657 | 47       | 5838 | 231      | 5887 | 215      | 0640 | 292      | 5937 | 220      |
| 5384 | 204      | 5532 | 46       | 5658 | 47       | 5839 | 231      | 5888 | 215      | 0616 | 294      | 5938 | 220      |
| 5385 | 204      | 5533 | 46       | 5659 | 47       | 5841 | 224      | 5889 | 215      | 0617 | 293      | 5939 | 220      |
| 5386 | 205      | 5534 | 46       | 5765 | 216      | 5842 | 224      | 5890 | 215      | 0618 | 293      | 5940 | 220      |
| 5387 | 205      | 5535 | 46       | 5787 | 216      | 5843 | 224      | 5891 | 215      | 0619 | 293      | 5941 | 221      |
| 5388 | 205      | 5541 | 48       | 5788 | 216      | 5844 | 224      | 5892 | 215      | 0620 | 294      | 5942 | 221      |
| 5389 | 206      | 5542 | 48       | 5789 | 216      | 5845 | 224      | 5893 | 215      | 0621 | 296      | 5943 | 221      |
| 5390 | 206      | 5543 | 48       | 5790 | 216      | 5846 | 224      | 5894 | 215      | 0622 | 295      | 5944 | 221      |
| 5401 | 227      | 5544 | 48       | 5791 | 216      | 5847 | 224      | 5900 | 218      | 0631 | 290      | 5945 | 221      |
| 5402 | 227      | 5545 | 48       | 5792 | 217      | 5848 | 224      | 5901 | 218      | 0619 | 293      | 5946 | 221      |
| 5403 | 226      | 5546 | 48       | 5793 | 217      | 5849 | 224      | 5902 | 218      | 0620 | 294      | 5947 | 221      |
| 5404 | 226      | 5547 | 48       | 5794 | 217      | 5850 | 224      | 5903 | 218      | 0621 | 296      | 5948 | 221      |



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| 5950 | 221      | 6154 | 179      | 6303 | 184      | 6366 | 192      | 6679 | 59       | 7121 | 253      | 7434 | 273      |
| 5951 | 221      | 6155 | 179      | 6304 | 184      | 6367 | 192      | 6680 | 59       | 7123 | 253      | 7435 | 273      |
| 6013 | 111      | 6161 | 181      | 6305 | 185      | 6368 | 188      | 6681 | 59       | 7126 | 252      | 7436 | 273      |
| 6019 | 112      | 6162 | 181      | 6306 | 184      | 6369 | 193      | 6682 | 232      | 7127 | 252      | 7437 | 272      |
| 6020 | 112      | 6163 | 181      | 6307 | 184      | 6370 | 194      | 6683 | 232      | 7128 | 252      | 7438 | 272      |
| 6021 | 112      | 6164 | 181      | 6308 | 186      | 6371 | 193      | 6684 | 232      | 7131 | 253      | 7439 | 272      |
| 6024 | 111      | 6165 | 181      | 6310 | 185      | 6372 | 193      | 6685 | 232      | 7134 | 254      | 7440 | 273      |
| 6025 | 127      | 6191 | 171      | 6311 | 185      | 6608 | 197      | 6686 | 232      | 7180 | 258      | 7441 | 273      |
| 6026 | 127      | 6192 | 171      | 6312 | 186      | 6610 | 197      | 6687 | 232      | 7201 | 66       | 7442 | 273      |
| 6027 | 127      | 6201 | 172      | 6314 | 186      | 6611 | 197      | 6691 | 60       | 7202 | 66       | 7443 | 271      |
| 6028 | 111      | 6202 | 172      | 6315 | 186      | 6612 | 197      | 6692 | 60       | 7203 | 65       | 7444 | 271      |
| 6029 | 111      | 6203 | 172      | 6317 | 187      | 6612 | 197      | 6694 | 60       | 7204 | 65       | 7445 | 271      |
| 6031 | 111      | 6206 | 172      | 6318 | 187      | 6613 | 197      | 6695 | 60       | 7205 | 65       | 7446 | 271      |
| 6032 | 111      | 6207 | 172      | 6319 | 187      | 6614 | 197      | 6697 | 60       | 7206 | 65       | 7447 | 271      |
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| 6036 | 112      | 6211 | 173      | 6324 | 129      | 6616 | 197      | 6701 | 56       | 7208 | 67       | 7449 | 272      |
| 6037 | 112      | 6212 | 173      | 6326 | 185      | 6617 | 197      | 6702 | 56       | 7209 | 67       | 7450 | 272      |
| 6038 | 112      | 6213 | 173      | 6328 | 185      | 6618 | 197      | 6703 | 57       | 7210 | 67       | 7451 | 262      |
| 6039 | 112      | 6214 | 173      | 6329 | 186      | 6619 | 197      | 6704 | 57       | 7211 | 67       | 7452 | 262      |
| 6101 | 176      | 6221 | 173      | 6331 | 157      | 6620 | 197      | 6705 | 56       | 7301 | 290      | 7453 | 262      |
| 6102 | 176      | 6222 | 173      | 6332 | 157      | 6621 | 197      | 6706 | 56       | 7302 | 290      | 7454 | 262      |
| 6103 | 176      | 6223 | 173      | 6340 | 190      | 6631 | 164      | 6707 | 57       | 7304 | 294      | 7455 | 262      |
| 6104 | 178      | 6224 | 174      | 6341 | 190      | 6632 | 164      | 6708 | 57       | 7305 | 292      | 7456 | 262      |
| 6105 | 178      | 6231 | 174      | 6342 | 191      | 6633 | 165      | 6709 | 56       | 7306 | 291      | 7457 | 262      |
| 6106 | 178      | 6232 | 174      | 6343 | 191      | 6634 | 165      | 6710 | 56       | 7307 | 291      | 7458 | 262      |
| 6108 | 178      | 6233 | 174      | 6344 | 190      | 6635 | 165      | 6711 | 57       | 7308 | 292      | 7459 | 262      |
| 6109 | 178      | 6241 | 174      | 6345 | 190      | 6636 | 165      | 6712 | 57       | 7309 | 294      | 7460 | 262      |
| 6110 | 177      | 6242 | 174      | 6348 | 188      | 6637 | 165      | 6721 | 61       | 7310 | 293      | 7461 | 262      |
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| 6112 | 177      | 6251 | 175      | 6350 | 188      | 6639 | 165      | 6723 | 61       | 7312 | 297      | 7463 | 261      |
| 6114 | 178      | 6252 | 175      | 6351 | 189      | 6640 | 165      | 6724 | 61       | 7313 | 296      | 7464 | 261      |
| 6115 | 177      | 6253 | 175      | 6352 | 189      | 6641 | 233      | 6725 | 61       | 7314 | 297      | 7465 | 261      |
| 6117 | 178      | 6254 | 175      | 6353 | 191      | 6642 | 233      | 6726 | 61       | 7315 | 295      | 7466 | 261      |
| 6119 | 176      | 6255 | 175      | 6354 | 195      | 6643 | 233      | 6731 | 54       | 7316 | 295      | 7467 | 261      |
| 6120 | 176      | 6261 | 175      | 6355 | 194      | 6644 | 233      | 6732 | 54       | 7401 | 270      | 7468 | 261      |
| 6121 | 178      | 6262 | 175      | 6356 | 195      | 6645 | 233      | 6733 | 55       | 7402 | 270      | 7469 | 260      |
| 6124 | 178      | 6263 | 175      | 6357 | 196      | 6646 | 233      | 6734 | 55       | 7403 | 257      | 7470 | 260      |
| 6131 | 180      | 6264 | 175      | 6358 | 196      | 6671 | 59       | 6735 | 54       | 7404 | 257      | 7471 | 260      |
| 6132 | 180      | 6271 | 170      | 6359 | 189      | 6672 | 59       | 6736 | 54       | 7405 | 275      | 7472 | 260      |
| 6133 | 180      | 6272 | 170      | 6360 | 189      | 6673 | 59       | 6737 | 55       | 7406 | 275      | 7473 | 260      |
| 6134 | 180      | 6273 | 170      | 6361 | 196      | 6674 | 59       | 6738 | 55       | 7422 | 270      | 7474 | 260      |
| 6135 | 180      | 6281 | 170      | 6362 | 196      | 6675 | 59       | 6739 | 54       | 7423 | 270      | 7475 | 258      |
| 6151 | 179      | 6282 | 170      | 6363 | 195      | 6676 | 59       | 6740 | 54       | 7431 | 272      | 7476 | 258      |
| 5152 | 179      | 6283 | 170      | 6364 | 192      | 6677 | 59       | 6741 | 55       | 7432 | 272      | 7477 | 258      |

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| 7483 | 259      | 7517 | 266      | 8161 | 244      | 9005 | 93       | 9041 | 100      | 9301 | 280      | 9341  | 279      |
| 7484 | 259      | 7518 | 266      | 8162 | 244      | 9006 | 93       | 9042 | 100      | 9302 | 280      | 9342  | 279      |
| 7485 | 259      | 7519 | 266      | 8163 | 244      | 9008 | 94       | 9043 | 101      | 9303 | 280      | 5170N | 43       |
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| 7488 | 263      | 7522 | 267      | 8168 | 246      | 9012 | 94       | 9118 | 242      | 9306 | 281      | 5611M | 52       |
| 7489 | 263      | 7523 | 267      | 8169 | 246      | 9013 | 95       | 9119 | 242      | 9307 | 281      | 5612M | 52       |
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| 7491 | 263      | 7525 | 267      | 8171 | 246      | 9015 | 95       | 9136 | 236      | 9309 | 282      | 5623M | 52       |
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| 7495 | 263      | 7529 | 256      | 8175 | 247      | 9019 | 97       | 9157 | 240      | 9313 | 283      | 5642M | 52       |
| 7496 | 263      | 7530 | 256      | 8176 | 247      | 9020 | 97       | 9158 | 240      | 9314 | 283      | 5643M | 52       |
| 7497 | 263      | 7532 | 256      | 8177 | 247      | 9021 | 97       | 9171 | 241      | 9315 | 283      |       |          |
| 7498 | 263      | 7533 | 256      | 8178 | 247      | 9022 | 98       | 9172 | 241      | 9316 | 283      |       |          |
| 7503 | 264      | 7534 | 256      | 8179 | 247      | 9023 | 98       | 9173 | 241      | 9321 | 275      |       |          |
| 7504 | 264      | 7535 | 256      | 8180 | 247      | 9024 | 98       | 9174 | 241      | 9322 | 275      |       |          |
| 7505 | 264      | 7561 | 256      | 8181 | 247      | 9025 | 99       | 9175 | 243      | 9323 | 275      |       |          |
| 7406 | 264      | 8126 | 245      | 8182 | 248      | 9026 | 99       | 9176 | 243      | 9324 | 275      |       |          |
| 7507 | 264      | 8140 | 245      | 8183 | 248      | 9027 | 93       | 9177 | 243      | 9331 | 276      |       |          |
| 7508 | 264      | 8141 | 245      | 8184 | 248      | 9031 | 90       | 9178 | 243      | 9332 | 276      |       |          |
| 7509 | 265      | 8151 | 250      | 8185 | 249      | 9032 | 90       | 9179 | 238      | 9333 | 276      |       |          |
| 7510 | 265      | 8152 | 250      | 8186 | 249      | 9033 | 91       | 9180 | 238      | 9334 | 277      |       |          |
| 7511 | 265      | 8153 | 250      | 8187 | 249      | 9034 | 91       | 9181 | 242      | 9335 | 277      |       |          |
| 7512 | 265      | 8154 | 250      | 9000 | 92       | 9035 | 85       | 9182 | 242      | 9336 | 277      |       |          |





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