

# PRODUCT DATASHEET

## STREETLIGHT VALUE 120 W 3000 K

LED VALUE STREETLIGHT | Streetlights



### Areas of application

- Streets
- Road lighting
- Car parks

### Product benefits

- Mast adapter with adjustable tilt angle
- High transparence cover made of ultra white tempered glass
- Homogeneous luminance distribution and minimized glare thanks to optical lense
- Maintenance comfort thanks to module assembly concept
- High quality aluminum housing

### Product features

- Surge protection: up to 10 kV (L-N)
- Lifetime(L70): up to 50,000 h (temperature at  $t_a = 50\text{ °C}$ )
- Type of protection: IP66
- Impact resistance: IK08
- High luminous efficacy: up to 120 lm/W



## TECHNICAL DATA

### Electrical data

|                  |             |
|------------------|-------------|
| Nominal wattage  | 120.00 W    |
| Nominal voltage  | 220...240 V |
| Mains frequency  | 50...60 Hz  |
| Protection class | I           |

### Photometrical data

|                                      |              |
|--------------------------------------|--------------|
| Luminous flux                        | 12400 lm     |
| Luminous efficacy                    | 120 lm/W     |
| Color temperature                    | 3000 K       |
| Light color (designation)            | Warm White   |
| Color rendering index Ra             | 70           |
| Standard deviation of color matching | ≤5 sdcn      |
| Beam angle                           | 90 ° x 150 ° |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 535.00 mm |
| Width          | 242.00 mm |
| Height         | 142.00 mm |
| Product weight | 4800.00 g |

### Materials & Colors

|                 |          |
|-----------------|----------|
| Product color   | Gray     |
| Housing color   | Gray     |
| Body material   | Aluminum |
| Mercury content | 0.0 mg   |

### Application & Mounting

|                                        |                |
|----------------------------------------|----------------|
| Ambient temperature range              | -30...+50 °C   |
| Temperature range at storage           | -40...+70 °C   |
| Type of connection                     | Terminal       |
| Type of protection                     | IP66           |
| Protection class IK (shock resistance) | IK08           |
| Dimmable                               | No             |
| Mounting location                      | Luminaire mast |

|                          |         |
|--------------------------|---------|
| Application environment  | Outdoor |
| Replaceable light source | No      |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Number of switching cycles | 50000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Replaceable light source (EPREL) | Not replaceable |
|----------------------------------|-----------------|

### DOWNLOAD DATA

| Photometric and lighting design files                                                           | Document name                  |
|-------------------------------------------------------------------------------------------------|--------------------------------|
|  IES file (IES) | STREETLIGHT VALUE M 120W 3000K |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075103283 | Shipping box<br>1            | 585 mm x 270 mm x 190 mm             | 5737.00 g    | 30.01 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.