

# PRODUCT DATASHEET LED ECO STREETLIGHT 45 W 6500 K HE

LED ECO STREETLIGHT | Streetlights



### Areas of application

- City roads, industrial roads, parking lots
- Residential sector
- Gardens

## Product benefits

- Slim housing
- Aesthetic and functional product design
- Homogeneous luminance distribution and minimized glare thanks to optical lense
- Easy installation thanks to pre-wired with mains cable
- High quality aluminum housing

### **Product features**

- Surge protection: up to 10 kV (L-N)
- Lifetime up to 50,000 h
- Type of protection: IP66
- Impact resistance: IK08



## TECHNICAL DATA

# Electrical data

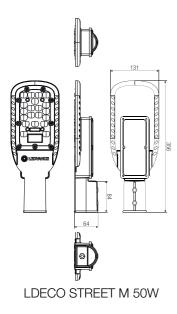
| Nominal wattage        | 45.00 W  |
|------------------------|--|
| Nominal voltage        | 100240 V   |
| Mains frequency        | 5060 Hz  |
| Power factor $\lambda$ | > 0.90   |
| Protection class       | T. Control of the con |
| Operating mode         | Mains voltage  |

## Photometrical data

| Luminous flux                        | 5400 lm      |
|--------------------------------------|--------------|
| Luminous efficacy                    | 120 lm/W     |
| Color temperature                    | 6500 K       |
| Light color (designation)            | Daylight     |
| Color rendering index Ra             | > 80         |
| Standard deviation of color matching | 5 sdcm       |
| Beam angle                           | 75 ° x 135 ° |

# Dimensions & Weight

| Length         | 356.00 mm |
|----------------|-----------|
| Width          | 131.00 mm |
| Height         | 77.00 mm  |
| Product weight | 1296.00 g |
| Cable length   | 500 mm    |



## Materials & Colors

| Product color   | Gray               |
|-----------------|--------------------|
| Housing color   | Gray               |
| Body material   | Aluminum           |
| Cover material  | Polycarbonate (PC) |
| Mercury content | 0.0 mg             |

## **Application & Mounting**

| Ambient temperature range              | -30+50 °C     |
|--|---------------|
| Temperature range at storage           | -40+70 °C     |
| Type of connection                     | Cable, 3-pole |
| Type of protection                     | IP66          |
| Protection class IK (shock resistance) | IK08          |
| Dimmable                               | No            |
| Mounting type                          | Suspended     |
| Mounting location                      | Pole          |
| Application environment                | Outdoor       |
| Replaceable light source               | No            |

# Lifespan

| Lifespan L70/B50 at 25 °C 50000 h 1) |  |
|--------------------------------------|--|
|--------------------------------------|--|

<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 |
|----------------------------------|-----------------|
|----------------------------------|-----------------|

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075279230 | Folding box<br>1             | 396 mm x 91 mm x 178 mm              | 946.00 g     | 6.41 dm <sup>3</sup>  |
| 4058075279247 | Shipping box<br>10           | 480 mm x 410 mm x 375 mm             | 10758.00 g   | 73.80 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.