

PRODUCT DATASHEET

SOLAR STREETLIGHT PFM 60W 5000K

11100 lm G2

SOLAR STREETLIGHT PERFORMANCE | LED luminaire for outdoor use for wall mounting with photovoltaic system, infrared motion sensor and battery included



Areas of application

- Parking lots, city squares, parks
- Public areas (stations, stadiums)
- Street lighting, city lighting
- Rural areas, villages
- Road lighting

Product benefits

- Low maintenance and operation costs due to long lifetime of LED
- Instant 100 % light, no warm-up time
- 5 years guarantee

Product features

- Very high efficiency of up to 185 lm/W
- Solar powered outdoor LED luminaire
- Battery charging via solar panel
- Material: aluminum
- Impact resistance: IK08
- Lifetime up to 60,000 h
- Type of protection: IP66

TECHNICAL DATA

Electrical data

Nominal wattage	60.00 W
Nominal voltage	12 V
Nominal current	5250.000 mA
Power factor λ	> 0.90
Protection class	III
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	11100 lm
Luminous efficacy	185 lm/W
Color temperature	5000 K
Light color (designation)	Cold White
Color rendering index Ra	> 70
Standard deviation of color matching	< 5 sdcn
Low flicker	Yes
Beam angle	75 ° x 150 °

Dimensions & Weight

Length	1081.70 mm
Width	407.30 mm
Height	206.80 mm
Product weight	14500.00 g

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	0...+50 °C
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	Yes
Mounting type	Post top

Mounting location	Pole
Application environment	Outdoor
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	60000 h ¹⁾
Number of switching cycles	50000

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



BATTERY

Type of Battery	LiFePO4
Battery size [GMS]	Others
Battery charging time	11 h

Certificates & Standards

Replaceable light source (EPREL)	Not replaceable
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DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LEDVANCE SOLAR STREETLIGHT 60W 750 G2
	LDT file (Eulumdat)	Solar Streetlight 60W 750 G2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854149139	Shipping box 1	1,135 mm x 450 mm x 235 mm	16920.00 g	120.03 dm ³

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.