PRODUCT DATASHEET
LED ECO STREETLIGHT 90 W 3000 K

LED ECO STREETLIGHT HW | Streetlights

Areas of application

– Parking
– Gardens
– Residential sector
– Streets
– Road lighting

Product benefits

– High light uniformity and low glare light thanks to precise lens design
– Easy installation thanks pre-wired with mains cable (50 cm)

Product features

– Type of protection: IP66
– Impact resistance: IK08
– High luminous efficacy: up to 130 lm/W
– Available with wattage: 90 W, 120 W, 150 W
– Certificate: CB, RoHS

TECHNICAL DATA

Electrical data

Nominal wattage	90.00 W
Nominal voltage	100…240 V
Mains frequency	0/50/60 Hz
Power factor λ	> 0.90
Protection class	I

Photometrical data

Luminous flux	11250 lm
Luminous efficacy	125 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdcm
Beam angle	75 ° x 135 °

Dimensions & Weight

Length	492.00 mm
Width	196.00 mm
Height	87.00 mm
Product weight	3480.00 g
Cable length	500 mm

LDECO STREET HE 90W 120W

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 protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Side entry
Mounting location	Pole
Application environment	Outdoor
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1]
Number of switching cycles	100000

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

Certificates & Standards

Standards	CE
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	LDECO STREET HE 90W 120W 150W

	Photometric and lighting design files	Document name
	IES file (IES)	ECO STREET 90W 3000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075558120	Folding box 1	582 mm x 128 mm x 253 mm	3853.00 g	18.85 dm³
4058075558137	Shipping box 4	596 mm x 524 mm x 267 mm	16810.00 g	83.39 dm³

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.