PRODUCT DATASHEET
ECO AREA SPD 120W 827 IP66 GY

ECO AREA HIGH POWER | For applications with luminous flux demand up to 20250 lm

Areas of application

- Road lighting
- Streets
- Car parks
- Area lighting

Product benefits

- Functional and minimalistic design
- Low maintenance and operation costs due to long lifetime of LED
- 5 years guarantee

Product features

- Asymmetric light distribution for various application areas
- Robust die-cast aluminum housing
- Side-entry mounting for 48...60 mm poles
- Surge protection: 10 kV (L/N-PE)
- Integrated wide voltage driver, suitable for 100 - 240 V $_{AC}$
- Pre-installed, flexible 0.5 m cable (H05RN-F), wrapped 3 x 1.0 mm² single wires

TECHNICAL DATA

Electrical data

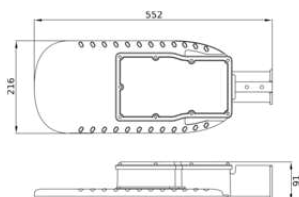|	
Nominal wattage	120.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	600 mA
Inrush current time T_{h50}	1400 µs
Max. no. of lum. on circuit break. B16 A	4
Max. no. of lum. on circuit break. C10 A	5
Max. no. of lum. on circuit break. C16 A	8
Power factor λ	> 0.95
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	15000 lm
Luminous efficacy	125 lm/W
Color temperature	2700 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdcm
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	150 ° x 85 °

Dimensions & Weight

Length	552.00 mm
Width	216.00 mm
Height	91.00 mm
Product weight	3500.00 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	-35...+70 °C
Type of connection	Cable, 3-pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Side entry
Mounting location	Pole
Application environment	Outdoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	35000 h
Number of switching cycles	100000

Certificates & Standards

Standards	CE / EAC / ENEC

Luminaire with limited surface temperature, "D sign"	No

DOWNLOAD DATA

	DOWNLOAD DATA
	R3D file (Relux 3D Model)
	M3D file (3D Model)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075557826	Shipping box 4	599 mm x 529 mm x 288 mm	16890.00 g	91.26 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.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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