PRODUCT DATASHEET
ECO AREA S SPD 30W 840 3600LM GR

ECO AREA LOW POWER | For applications with luminous flux demand up to 7200 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: up to 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	30.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	135 mA
Inrush current	20 A
Inrush current time T_{h50}	220 µs
Max. no. of lum. on circuit break. B16 A	16
Max. no. of lum. on circuit break. C10 A	15
Max. no. of lum. on circuit break. C16 A	24
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	3600 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool 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	135 ° x 75 °

Dimensions & Weight

Length	329.00 mm
Width	121.00 mm
Height	83.00 mm
Product weight	1051.00 g
Cable length	500 mm
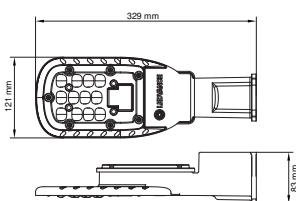
Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface 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
Number of switching cycles	100000

Certificates & Standards

Standards	CE / EAC
Luminaire with limited surface temperature, "D sign"	No

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
	Tender documents
PDF	Declarations of conformity
	IES file (IES)
	LDT file (Eulumdat)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425095	Folding box 1	368 mm x 117 mm x 170 mm	1212.00 g	7.32 dm³
4058075425101	Shipping box 10	600 mm x 380 mm x 355 mm	12720.00 g	80.94 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

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