

# PRODUCT DATASHEET

## ECO AREA S SPD 30W 830 3450LM GR

ECO AREA LOW POWER | For applications with luminous flux demand up to 7200 lm



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### Areas of application

- Road lighting
- Streets
- Car parks
- Area lighting

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### Product benefits

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

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### 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<sub>AC</sub>
- Pre-installed, flexible 0.5 m cable (H05RN-F), wrapped 3 x 1.0 mm<sup>2</sup> single wires



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**TECHNICAL DATA****Electrical data**

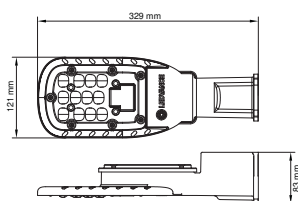
Nominal wattage	30.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	135 mA
Inrush current	20 A
Inrush current time $T_{h50}$	220 $\mu$ s
Max. no. of lum. on circuit break. B16 A	16
Max. no. of lum. on circuit break. C10 A	15
Max. no. of lum. on circuit break. C16 A	24
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

**Photometrical data**

Luminous flux	3450 lm
Luminous efficacy	115 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
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
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### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Number of switching cycles	100000

<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



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

### Additional product data




Number of illuminants	-
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### DOWNLOAD DATA

#### Documents and certificates

	User instruction
	Declarations Of Conformity CE

#### Photometric and lighting design files

	IES file (IES)
	LDT file (Eulumdat)
	LDC typ polar

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425071	Folding box 1	368 mm x 117 mm x 170 mm	1212.00 g	7.32 dm <sup>3</sup>
4058075425088	Shipping box 10	600 mm x 380 mm x 355 mm	12720.00 g	80.94 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.

## References / Links

- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)
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## DISCLAIMER

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