

PRODUCT DATASHEET

ECO AREA S SPD 30W 830 3450LM 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 μ s
Max. number of luminaires per miniature circuit breaker B16	16
Max. number of luminaires per miniature circuit breaker C10	15
Max. number of luminaires per miniature circuit breaker C16	24
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

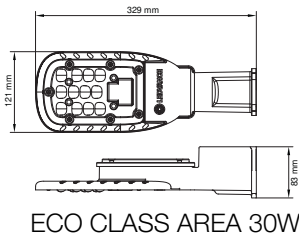
Photometrical data

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	≤ 5 sdc _m
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	135 ° x 75 °

ECO CLASS AREA

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

Additional product data

Number of illuminants	-
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DOWNLOAD DATA

Documents and certificates		Document name
	User Instruction / Safety Instructions	ECO CLASS AREALIGHTING
	Declarations of conformity	CE Declaration of Conformity_ECO CLASS AREA
Photometric and lighting design files		Document name
	IES file (IES)	ECO AREA S SPD 30W 830 3450LM GR
	LDT file (Eulumdat)	ECO AREA S SPD 30W 830 3450LM GR

Photometric and lighting design files		Document name
	LDC typ polar	ECO CLASS AREA

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 dm³
4058075425088	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

DISCLAIMER

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