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

ECO AREA | Straightforward road and path lighting luminaires

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
Operating mode	Mains voltage
Nominal voltage	100...240 V
Power factor λ	> 0.90
Mains frequency	50/60 Hz
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
Inrush current	20 A
Total harmonic distortion	< 20 %
Inrush current time T_{h50}	220 µs

Photometrical data

Color temperature	4000 K
Luminous flux	3600 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Cool White
Color rendering index Ra	>80

Light technical data

Beam angle	135 ° x 75 °

Dimensions & weight
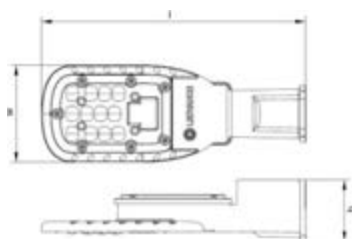
Length	329.0 mm
Width	121.0 mm
Height	83.0 mm

Product weight	1051.00 g
Cable length	300 mm

Colors & materials

Body material	Aluminum
Product color	Gray
Housing color	Gray
Cover material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-30...+50 °C

Lifespan

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

Additional product data

Mounting type	SIDE ENTRY
Mounting location	Pole

Capabilities

Dimmable	No
Type of connection	Cable, 3-pole
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK08
Photobio. safety group acc. to EN62471	RG 1
Protection class	I
Type of protection	IP66
Standards	CE/ROHS/REACH

Logistical data

Temperature range at storage	-35...+70 °C

Light Distribution
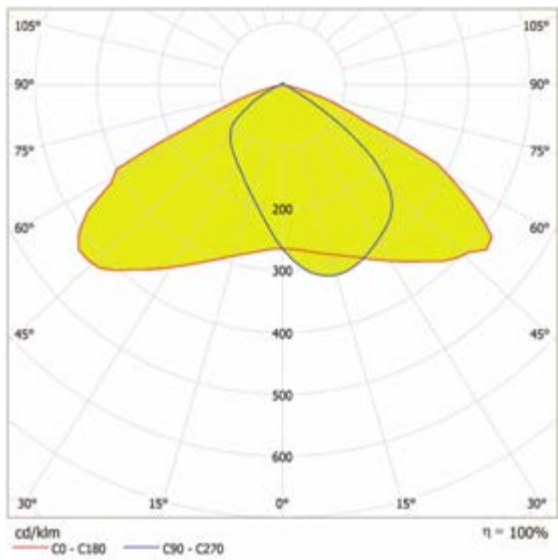
LDC typ polar

LOGISTICAL DATA

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

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