PRODUCT DATASHEET
ECO AREA M SPD 45W 840 5400LM 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	45.00 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	38
Max. no. of lum. on circuit break. C10 A	30
Max. no. of lum. on circuit break. C16 A	48
Inrush current	16 A
Total harmonic distortion	< 20 %
Inrush current time T$_{h50}$	120 µs

Photometrical data

Color temperature	4000 K
Luminous flux	5400 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
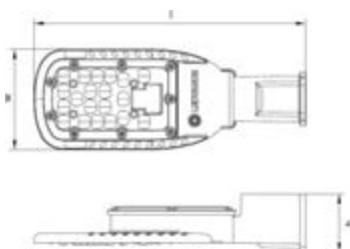
Length	360.0 mm
Width	131.0 mm
Height	83.0 mm

Product weight	1342.00 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
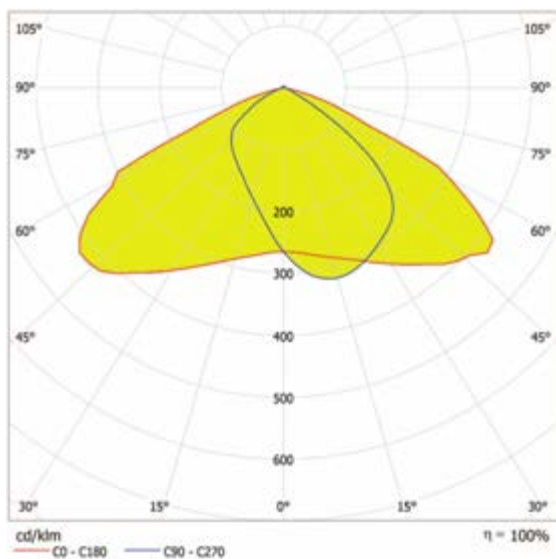
LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425170	Folding carton box 1	398 mm x 114 mm x 180 mm	1366.00 g	8.17 dm³
4058075425187	Shipping carton box 10	592 mm x 417 mm x 382 mm	14356.00 g	94.30 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.