

# PRODUCT DATASHEET

## ECO AREA M SPD 45W 830 5175LM GR

ECO AREA | Straightforward road and path lighting luminaires



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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



**TECHNICAL DATA**

Electrical data

Nominal wattage	45.00 W
Operating mode	Mains voltage
Nominal voltage	100...240 V
Power factor $\lambda$	> 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 $\mu$ s

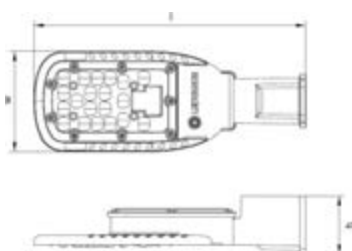
Photometrical data

Color temperature	3000 K
Luminous flux	5175 lm
Luminous efficacy	115 lm/W
Standard deviation of color matching	$\leq 5$ sdcn
Light color (designation)	Warm White
Color rendering index Ra	>80

Light technical data

Beam angle	135 ° x 75 °
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Dimensions & weight



Length	360.0 mm
Width	131.0 mm
Height	83.0 mm

<b>Product weight</b>	1342.00 g
<b>Cable length</b>	300 mm

### Colors & materials

<b>Body material</b>	Aluminum
<b>Product color</b>	Gray
<b>Housing color</b>	Gray
<b>Cover material</b>	Polycarbonate (PC)

### Temperatures & operating conditions

<b>Ambient temperature range</b>	-30...+50 °C
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### Lifespan

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

### Additional product data

<b>Mounting type</b>	SIDE ENTRY
<b>Mounting location</b>	Pole

### Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Cable, 3-pole
<b>LED module replaceable</b>	Not replaceable

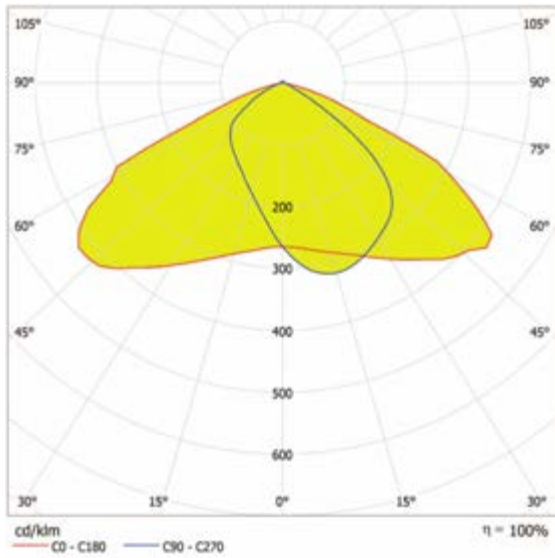
### Certificates & standards

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

### Logistical data

<b>Temperature range at storage</b>	-35...+70 °C
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Light Distribution



LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425156	Folding carton box 1	398 mm x 114 mm x 180 mm	1366.00 g	8.17 dm <sup>3</sup>
4058075425163	Shipping carton box 10	592 mm x 417 mm x 382 mm	14356.00 g	94.30 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)

DISCLAIMER

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