

PRODUCT DATASHEET

ECO AREA M SPD 45W 840 5400LM 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**

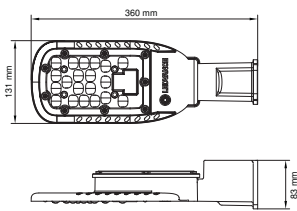
Nominal wattage	45.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	200 mA
Inrush current	16 A
Inrush current time T_{h50}	120 μ s
Max. no. of lum. on circuit break. B16 A	38
Max. no. of lum. on circuit break. C10 A	30
Max. no. of lum. on circuit break. C16 A	48
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	5400 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool 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 °

Dimensions & Weight

Length	360.00 mm
Width	131.00 mm
Height	83.00 mm
Product weight	1342.00 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
Number of switching cycles	100000

Certificates & Standards

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

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction
	Tender documents
	Declarations of conformity
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425187	Shipping box 10	592 mm x 417 mm x 382 mm	14356.00 g	94.30 dm ³

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.