PRODUCT DATASHEET
ECO CLASS AREA 45 W 2700 K Gray

ECO CLASS AREALIGHTING Gen 2 | Streetlighting luminaires

Areas of application

– Road lighting
– Streets
– Car parks
– Area lighting

Product benefits

– Energy savings thanks to high system efficacy: up to 120 lm/W
– Low maintenance and operation costs due to long lifetime of LED
– 5 years guarantee

Product features

– Available with color temperature: 2,700 K, 3,000 K, 4,000 K, 6,500 K
– Lifetime (L70/B50): up to 50,000 h
– Type of protection: IP66
– Impact resistance: IK08
– Operating temperature range at t_a: -35...50 °C
– Robust die-cast aluminum housing
– Suitable for spigot diameter of 42 mm, 48 mm and 60 mm

TECHNICAL DATA

Electrical data

Nominal wattage	45.00 W
Nominal voltage	100...240 V
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
Power factor λ	> 0.90
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	4950 lm
Luminous efficacy	110 lm/W
Color temperature	2700 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdcm
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	1307.00 g

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover 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	Suspended
Mounting location	Pole
Application environment	Outdoor
LED module replaceable	Not replaceable

Lifespan

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

Certificates & Standards

Standards	CE / ROHS / REACH

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
	Tender documents
PDF	Declarations of conformity
	IES file (IES)
	LDT file (Eulumdat)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425385	Shipping box 10	592 mm x 417 mm x 382 mm	14006.00 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

DISCLAIMER

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