PRODUCT DATASHEET
ECO CLASS AREA 45 W 4000 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
Operating mode	Mains voltage
Nominal voltage	100...240 V
Mains frequency	50/60 Hz
Power factor λ	> 0.90
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

Photometrical data

Color temperature	4000 K
Color rendering index Ra	>80
Light color (designation)	Cool White
Luminous flux	5400 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	≤5 sdcm

Light technical data

Beam angle	135 ° x 75 °

Dimensions & weight

Length	360.0 mm
Width	131.0 mm
Height	83.0 mm
Product weight	1307.00 g

Colors & materials

Product color	Gray
Housing color	Gray
Body material	Aluminum
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	Suspended
Mounting location	Pole

Capabilities

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

Certificates & standards

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

Logistical data

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425415	Folding carton box 1	398 mm x 114 mm x 180 mm	1331.00 g	8.17 dm³
4058075425422	Shipping carton 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

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