

# PRODUCT DATASHEET

## ECO CLASS AREA 60 W 2700 K Gray

ECO CLASS AREALIGHTING Gen 2 | Streetlighting luminaires



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### Areas of application

- Road lighting
- Streets
- Car parks
- Area lighting

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### 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

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### 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	60.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Max. no. of lum. on circuit break. B16 A	16
Max. no. of lum. on circuit break. C10 A	15
Max. no. of lum. on circuit break. C16 A	24
Power factor $\lambda$	> 0.90
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	6600 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	$\leq 5$ sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	135 ° x 75 °

### Dimensions & Weight

Length	409.00 mm
Width	151.00 mm
Height	83.00 mm
Product weight	1519.00 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
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## DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction
	Declarations Of Conformity CE
	IES file (IES)
	LDT file (Eulumdat)

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425453	Folding box 1	448 mm x 121 mm x 200 mm	1719.00 g	10.84 dm <sup>3</sup>
4058075425460	Shipping box 8	507 mm x 467 mm x 422 mm	14560.00 g	99.92 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.

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### References / Links

- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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