

# PRODUCT DATASHEET

## ECO CLASS AREA 30 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	30.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Max. number of luminaires per miniature circuit breaker B16	16
Max. number of luminaires per miniature circuit breaker C10	15
Max. number of luminaires per miniature circuit breaker C16	24
Power factor $\lambda$	> 0.90
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	3600 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 <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	329.00 mm
Width	121.00 mm
Height	83.00 mm
Product weight	1016.00 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

## Lifespan






Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Number of switching cycles	100000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

## Certificates & Standards

Standards	CE / ROHS / REACH
Replaceable light source (EPREL)	Not replaceable

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	ECO CLASS AREALIGHTING
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE Declaration of Conformity_ECO CLASS AREA
Photometric and lighting design files		Document name
	IES file (IES)	ECO AREA S 30W 840 3600LM GR
	LDT file (Eulumdat)	ECO AREA S 30W 840 3600LM GR

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075425330	Folding box 1	368 mm x 117 mm x 170 mm	1177.00 g	7.32 dm <sup>3</sup>
4058075425347	Shipping box 10	600 mm x 380 mm x 355 mm	12370.00 g	80.94 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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