

PRODUCT DATASHEET

ECO CLASS AREA SPD 90W 830 IP66 GY

ECO AREA | Straightforward road and path lighting luminaires



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	90.00 W
Nominal voltage	100...240 V
Power factor λ	> 0,95
Max. no. of lum. on circuit break. B16 A	4
Max. no. of lum. on circuit break. C10 A	5
Max. no. of lum. on circuit break. C16 A	8

Photometrical data

Color temperature	3000 K
Luminous flux	11250 lm
Luminous efficacy	125 lm/W
Light color (designation)	Warm White
Standard deviation of color matching	≤ 5 sdc _m
Color rendering index Ra	> 80

Dimensions & weight

Length	552mm
Height	91 mm
Width	216 mm
Product weight	3500.000 g

Colors & materials

Body material	Aluminum
Product color	Gray
Housing color	Gray

Temperatures & operating conditions

Ambient temperature range	-30...+50 °C
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Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	35000 h

Additional product data

Mounting location	Pole
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Capabilities

Dimmable	No
Type of connection	Cable, 3-pole
ErP LEDmod replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK08
Photobio. safety group acc. to EN62471	RG1
Protection class	I
Type of protection	IP66
Standards	CE / EAC / ENEC / ROHS / REACH
Luminaire with limited surface temperature, class "D"	No

LOGISTICAL DATA

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

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075557734	Folding box 1	582 mm x 128 mm x 253 mm	3873.00 g	18.85 dm ³
4058075557741	Shipping box 4	596 mm x 524 mm x 267 mm	16890.00 g	83.39 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.