PRODUCT DATASHEET
ECO CLASS AREA SPD 90W 840 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	4000 K
Luminous flux	11700 lm
Luminous efficacy	130 lm/W
Light color (designation)	Cool Daylight
Standard deviation of color matching	≤5 sdcm
Color rendering index Ra	> 80

Dimensions & weight

Length	552 mm
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

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

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075557758	Folding box 1	582 mm x 128 mm x 253 mm	3873.00 g	18.85 dm³
4058075557765	Shipping box 4	596 mm x 524 mm x 267 mm	16890.00 g	83.39 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.