PRODUCT DATASHEET
ECO AREA SPD 120W 865 IP66 GY

ECO AREA HIGH POWER | For applications with luminous flux demand up to 20250 lm

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: 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 mm^2 single wires

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TECHNICAL DATA

Electrical data

Nominal wattage	120.00 W
Nominal voltage	100…240 V
Mains frequency	50…60 Hz
Nominal current	600 mA
Inrush current time T_{h50}	1400 µs
Max. number of luminaires per miniature circuit breaker B16	4
Max. number of luminaires per miniature circuit breaker C10	5
Max. number of luminaires per miniature circuit breaker C16	8
Power factor λ	> 0.95
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	16200 lm
Luminous efficacy	135 lm/W
Color temperature	6500 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdcm
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	150 ° x 85 °

ECO AREA SPD 120W

Dimensions & Weight

Length	552.00 mm
Width	216.00 mm
Height	91.00 mm

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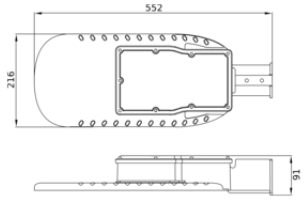
Product weight	3500.00 g
Cable length	500 mm



ECO AREA SPD 90W&120W

Materials & Colors

Product color	Gray
Housing color	Gray
RAL Color (most similar)	RAL 7015
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	Side entry
Mounting location	Pole
Application environment	Outdoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1)]
Lifespan L80/B10 at 25 °C	35000 h [1)]

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Number of switching cycles	100000

1) 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 / EAC / ENEC
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	ECO AREA SPD IP66 GY
PDF	Addon technical information	ECO AREA SPD IP66 GY
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	ECO AREA SPD IP66 GY
PDF	Declarations of conformity	ECO AREA SPD

	Photometric and lighting design files	Document name
	Light distribution curve type polar	ECO AREA SPD 120W

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075557895	Folding box 1	684 mm x 128 mm x 311 mm	3990.00 g	27.23 dm^3
4058075564657	Shipping box 4	599 mm x 529 mm x 288 mm	16890.00 g	91.26 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

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DISCLAIMER

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