PRODUCT DATASHEET
SL AREA SPD LA V 90W 740 RV35ST GY

STREETLIGHT AREA LARGE RV35ST | Fitting a broad range of street and area lighting applications



Areas of application

- Outdoor use (IP66)
- M-, C- and P-class roads acc. to EN 13201
- 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

- Light distributions optimized for streets of similar width to the pole height
- Spigot included, suitable for 48…60 mm diameter poles
- Adjustable spigot for both side-entry and post-top installation
- +/- 30° tilt angle adjustment without opening the housing
- High luminous efficacy: up to 135 lm/W
- Operating temperature: -30...50 °C
- Long lifetime L70: up to 100,000 h (at 25 °C)
- High surge protection: up to 10 kV (L/N-PE)

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TECHNICAL DATA

Electrical data

Nominal wattage	90.00 W
Nominal voltage	100…240 V
Mains frequency	50…60 Hz
Nominal current	420.000 mA
Inrush current	9.8 A
Inrush current time T_{h50}	360µs
Max. no. of lum. on circuit break. B16 A	28
Max. no. of lum. on circuit break. C10 A	18
Max. no. of lum. on circuit break. C16 A	30
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	12150
Luminous efficacy	135 lm/W
Color temperature	4000 K
Light color (designation)	Cool light
Color rendering index Ra	70
Standard deviation of color matching	< 5 sdcm
Low flicker	Yes (<5%)
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	69° x 155°

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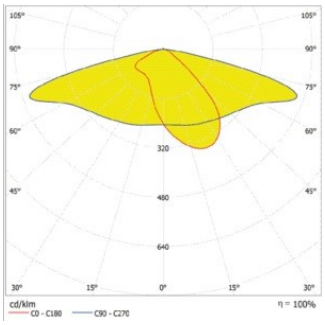

Dimensions & Weight

Length	473.00 mm
Width	260.00 mm
Height	73.00 mm
Product weight	3200.00 g
Cable length	500 mm

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

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Application & Mounting

Ambient temperature range	-30…+50 °C
Temperature range at storage	-30…+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Side entry / post top
Mounting location	Pole
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable
With light source	Yes

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Lifespan

Lifespan L70/B50 at 25 °C	100.000 h
Lifespan L80/B10 at 25 °C	50.000 h
Lifespan L90/B10 at 25 °C	30.000 h
Number of switching cycles	100000

Control gear

Output current	510 mA
ECG - Output ripple current	< 5 %

Certificates & Standards

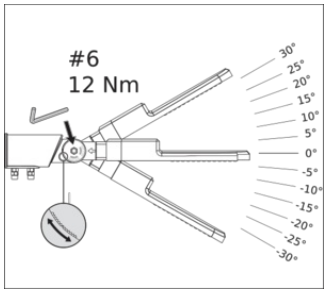
Standards	CE / REACH / RoHS / ENEC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854079849	Folding box 1	642 mm x 79 mm x 280 mm	3330.00 g	14.21 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.

ADDITIONAL CATALOG INFORMATION



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