

PRODUCT DATASHEET

SL AREA SPD SM V 45W 740 RV20ST GY

STREETLIGHT AREA SMALL RV20ST | For applications with luminous flux demand up to 6075 lm



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
- High luminous efficacy: up to 135 lm/W
- Operating temperature: -40...50 °C
- Long lifetime L70: up to 70,000 h (at 25 °C)
- +/- 30° tilt angle adjustment without opening the housing

TECHNICAL DATA

Electrical data

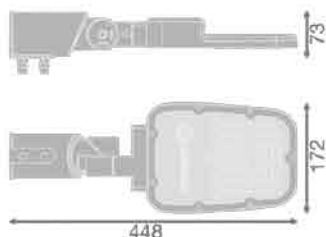
Nominal wattage	45.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	186 mA
Inrush current time T_{h50}	100 μ s
Max. no. of lum. on circuit break. B16 A	60
Max. no. of lum. on circuit break. C10 A	40
Max. no. of lum. on circuit break. C16 A	64
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	6075 lm
Luminous efficacy	135 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	70
Standard deviation of color matching	< 5 sdc _m
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	58° x 160°

Dimensions & Weight

Length	448.00 mm
Width	172.00 mm
Height	73.00 mm
Product weight	1490.00 g
Cable length	500 mm



Materials & Colors

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

Application & Mounting

Ambient temperature range	-40...+50 °C
Temperature range at storage	-40...+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
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	70000 h
Lifespan L80/B10 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	50000 h
Number of switching cycles	100000

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
4058075725379	Folding box 1	474 mm x 80 mm x 191 mm	1634.00 g	7.24 dm ³
4058075725386	Shipping box 4	493 mm x 211 mm x 347 mm	7497.00 g	36.10 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.