PRODUCT DATASHEET
SL AREA SM V 30W 765 RV20ST GY

STREETLIGHT AREA SMALL RV20ST | 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
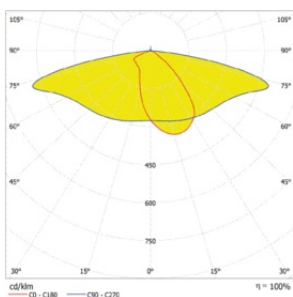– High surge protection: up to 10 kV (L/N-PE)

TECHNICAL DATA

Electrical data

Nominal wattage	30.00 W
Nominal voltage	100…240 V
Mains frequency	50…60 Hz
Nominal current	135.000 mA
Inrush current time T_{h50}	100 µs
Max. number of luminaires per miniature circuit breaker B16	82
Max. number of luminaires per miniature circuit breaker C10	55
Max. number of luminaires per miniature circuit breaker C16	88
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

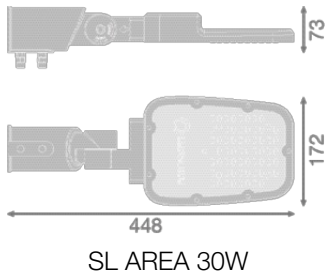|	
Luminous flux	4050 lm
Luminous efficacy	135 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	70
Standard deviation of color matching	< 5 sdcm
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	58° x 160°

SL AREA 30W

Dimensions & Weight

Length	448.00 mm

Width	172.00 mm
Height	73.00 mm
Product weight	1400.00 g
Cable length	500 mm

SL AREA 30W

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	-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
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	70000 h [1]
Lifespan L80/B10 at 25 °C	50000 h [1]
Lifespan L90/B10 at 25 °C	50000 h
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 / REACH / RoHS / ENEC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UI Streetlight Area SPD
PDF	Declarations of conformity	SL AREA

	Photometric and lighting design files	Document name
IES	IES file (IES)	SL AREA SM V 30W 765 RV20ST GY
LDT	LDT file (Eulumdat)	SL AREA SM V 30W 765 RV20ST GY
	Light distribution curve type polar	SL AREA 30W

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075725072	Folding box 1	474 mm x 80 mm x 191 mm	1544.00 g	7.24 dm³
4058075725089	Shipping box 4	493 mm x 211 mm x 347 mm	7137.00 g	36.10 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.

DISCLAIMER

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