PRODUCT DATASHEET
SL FLEX MD RV25ST P 58W 730 WAL

STREETLIGHT FLEX MEDIUM RV25ST | Light distribution for general road lighting

Areas of application

– Outdoor use (IP66)
– M-, C- and P-class roads acc. to EN 13201
– Parking
– Public areas
– Industry

Product benefits

– Durable design and highest quality component selection for long lasting performance
– Quick and easy wiring, due to tool-free housing opening and push button terminal
– High light uniformity
– 3 light colors available, perfectly suited to illuminate highly diverse surroundings
– No upper light output ratio (ULOR 0%) when mounted at 0° tilt
– Automatic mains disconnection when opening the housing
– 5 years guarantee

Product features

– Light distributions optimized for streets of similar width to the pole height
– Very long lifetime (L90/B10): Up to 100,000 h (at 25 °C)
– Spigot for 48-60 mm poles included
– Additional reduction for 42 mm and adapter for 76 mm poles available separately
– Adjustable spigot for both side-entry and post-top installation
– +/- 15° tilt angle adjustment without opening the housing

- High luminous efficacy: up to 147 lm/W
- Operating temperature: -40...50 °C
- High surge protection: up to 10 kV (L/N-GND)
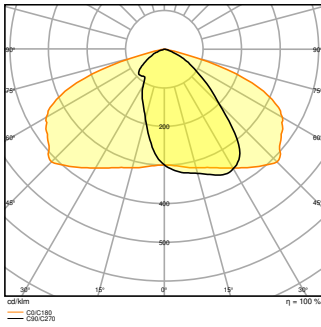- Protection class: II

TECHNICAL DATA

Electrical data

Nominal wattage	58.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	277 mA
Inrush current	54 A
Inrush current time T_{h50}	200 µs
Max. no. of lum. on circuit break. B16 A	10
Max. no. of lum. on circuit break. C10 A	13
Max. no. of lum. on circuit break. C16 A	21
Power factor λ	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	8250 lm
Luminous efficacy	142 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	70
Standard deviation of color matching	< 5 sdcm
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	25 ° x 145 °

Dimensions & Weight

Length	496.00 mm
Width	250.00 mm
Height	90.00 mm
Product weight	5100.00 g

Materials & Colors

Product color	White aluminum
Housing color	White aluminum
Body material	Aluminum
Cover material	Tempered glass
Light emitting surface material	Glass
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	-30...+80 °C
Type of connection	Screwless terminal
Type of protection	IP66
Protection class IK (shock resistance)	IK08

Dimmable	No
Mounting type	Post top
Mounting location	Pole
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

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

Control gear

Output current	520 mA
ECG - Output ripple current	≤ 10 %

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

– Spigot for 42 and 76 mm poles available separately

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
PDF	Addon Technical Information
PDF	Declarations of conformity
	IES file (IES)

	DOWNLOAD DATA
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075552333	Shipping box 1	553 mm x 328 mm x 235 mm	5869.00 g	42.63 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

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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