

# PRODUCT DATASHEET SL FLEX SM RV25ST P 25W 727 WAL

STREETLIGHT FLEX SMALL 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 quarantee

## **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  $^{\circ}$ 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 144 lm/W
- Operating temperature: -40...50 °C
- High surge protection: up to 10 kV (L/N-GND)
- Protection class: II

## **TECHNICAL DATA**

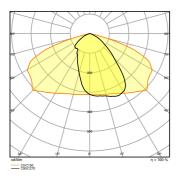
### Electrical data

Nominal wattage	25.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	115 mA
Inrush current	26 A
Inrush current time T <sub>h50</sub>	180 μs
Max. no. of lum. on circuit break. B16 A	18
Max. no. of lum. on circuit break. C10 A	28
Max. no. of lum. on circuit break. C16 A	36
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

#### Photometrical data

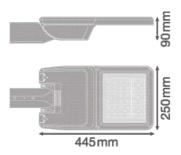
Luminous flux	3270 lm
Luminous efficacy	131 lm/W
Color temperature	2700 K
Light color (designation)	Warm White
Color rendering index Ra	70
Standard deviation of color matching	< 5 sdcm
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	25 ° x 145 °





# **Dimensions & Weight**

Length	445.00 mm
Width	250.00 mm
Height	90.00 mm
Product weight	4500.00 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**

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Ambient temperature range	-40+50 °C

Type of connection  Screwless terminal  IP66  Protection class IK (shock resistance)  IK08  Dimmable  No  Mounting type  Post top  Mounting location  Application environment  Adjustable  LED module replaceable  Screwless terminal  IP66  Pole  IK08  No  No  No  No  No  No  No  Not replaceable		
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	Temperature range at storage	-30+80 °C
Protection class IK (shock resistance)  Dimmable  No  Mounting type  Post top  Mounting location  Application environment  Outdoor  Adjustable  LED module replaceable  IK08  No  No  No  No  Post top  Outdoor  Yes  LED module replaceable  Not replaceable	Type of connection	Screwless terminal
Dimmable No  Mounting type Post top  Mounting location Pole  Application environment Outdoor  Adjustable Yes  LED module replaceable Not replaceable	Type of protection	IP66
Mounting type Post top  Mounting location Pole  Application environment Outdoor  Adjustable Yes  LED module replaceable Not replaceable	Protection class IK (shock resistance)	IK08
Mounting location Pole Application environment Outdoor Adjustable Yes LED module replaceable Not replaceable	Dimmable	No
Application environment  Adjustable  LED module replaceable  Outdoor  Yes  LED module replaceable  Not replaceable	Mounting type	Post top
Adjustable Yes  LED module replaceable Not replaceable	Mounting location	Pole
LED module replaceable  Not replaceable	Application environment	Outdoor
	Adjustable	Yes
With light source 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	480 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 User instruction

	DOWNLOAD DATA
PDF	Addon Technical Information
POF	Declarations of conformity
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)
	ULD file (DIALux)

### **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075552265	Shipping box 1	502 mm x 330 mm x 235 mm	5335.00 g	38.93 dm <sup>3</sup>

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.

