# PRODUCT DATASHEET
# SL FLEX SM RV25ST P 36W 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 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 included, suitable for 48...60 mm diameter poles
- 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




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


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## TECHNICAL DATA

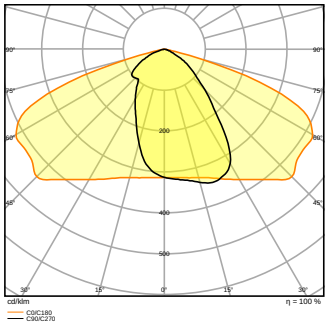
### Electrical data

| | |
|---|---|
| Nominal wattage | 36.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 160 mA |
| Inrush current | 26 A |
| Inrush current time $T_{h50}$ | 180 µs |
| Max. no. of lum. on circuit break. B16 A | 16 |
| Max. no. of lum. on circuit break. C10 A | 25 |
| Max. no. of lum. on circuit break. C16 A | 32 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 10 % |
| Protection class | II |
| Operating mode | Integrated LED driver |

### Photometrical data

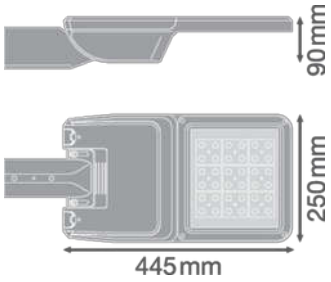
| | |
|---|---|
| Luminous flux | 4850 lm |
| Luminous efficacy | 135 lm/W |
| Color temperature | 2700 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | 70 |
| Standard deviation of color matching | < 5 sdcm |
| Low flicker | Yes |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 25 ° x 145 ° |


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## 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

| | |
|---|---|
| Ambient temperature range | -40...+50 °C |


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| | |
|---|---|
| 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 |
| Adjustable | Yes |
| LED module replaceable | Not replaceable |

## 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

| | |
|---|---|
| ECG - Output ripple current | ≤ 10 % |

## Certificates & Standards

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

## Additional product data

| | |
|---|---|
| Product remark | Available from September 2021 |

## EQUIPMENT / ACCESSORIES

- Spigot for 42 and 76 mm poles available separately

## DOWNLOAD DATA

| | DOWNLOAD DATA |
|---|---|
| PDF | User instruction<br>STREETLIGHT FLEX |


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| | DOWNLOAD DATA |
|---|---|
| PDF | Declarations of conformity<br>SL FLEX MD |
| | IES file (IES)<br>SL FLEX SM P 36W 727 RV25ST WAL |
| | LDT file (Eulumdat)<br>SL FLEX SM P 36W 727 RV25ST WAL |
| | R3D file (Relux 3D Model)<br>SL FLEX SM |
| | M3D file (3D Model)<br>SL FLEX SM |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075552296 | Shipping box<br>1 | 502 mm x 330 mm x 235 mm | 5335.00 g | 38.93 $dm^3$ |

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.

## ADDITIONAL CATALOG INFORMATION

## References / Links

- For Guarantee see www.ledvance.com/guarantee

## DISCLAIMER

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