

PRODUCT DATASHEET

SL FLEX SM RV25ST P 13W 740 WAL

STREETLIGHT FLEX SMALL RV25ST | Light distribution for general road lighting



PERFOR-
MANCE
CLASS

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

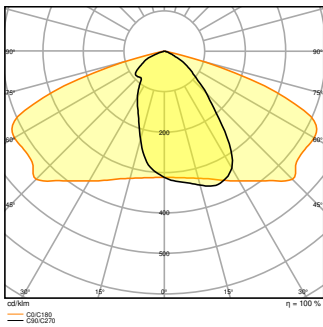
TECHNICAL DATA

Electrical data

| | |
|---|-----------------------|
| Nominal wattage | 13.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 60 mA |
| Inrush current | 25 A |
| Inrush current time T_{h50} | 150 μ s |
| Max. number of luminaires per miniature circuit breaker B16 | 36 |
| Max. number of luminaires per miniature circuit breaker C10 | 40 |
| Max. number of luminaires per miniature circuit breaker C16 | 70 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 10 % |
| Protection class | II |
| Operating mode | Integrated LED driver |

Photometrical data

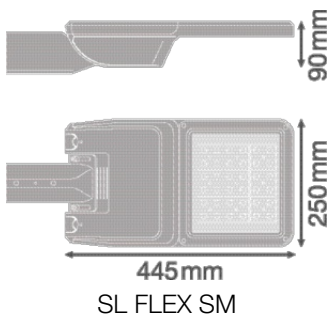
| | |
|--|----------------------|
| Luminous flux | 1780 lm |
| Luminous efficacy | 137 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | 70 |
| Standard deviation of color matching | < 5 sdc _m |
| Low flicker | Yes |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 25 ° x 145 ° |



SL FLEX SM P 13W 740 RV25ST
WAL

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 445.00 mm |
| Width | 250.00 mm |
| Height | 90.00 mm |
| Product weight | 4400.00 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 |

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 ¹⁾ |
| Lifespan L80/B10 at 25 °C | 100000 h ¹⁾ |
| Lifespan L90/B10 at 25 °C | 100000 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)


Control gear


| | |
|-----------------------------|--------|
| Output current | 480 mA |
| ECG - Output ripple current | ≤ 10 % |

Certificates & Standards

| | |
|--|-----------------------|
| Standards | CE / ENEC / EAC / EPD |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| EPD | LEDV-00023-V01.01-EN |

Accessories Optional












| Product image | Product name | EAN |
|---|-------------------------|---------------|
|  | SL FLEX SPIGOT 76MM WAL | 4058075552531 |


| Product image | Product name | EAN |
|---|----------------------------------|---------------|
|  | SL FLEX REDUCTION 60 TO 42MM WAL | 4058075552579 |


EQUIPMENT / ACCESSORIES

– Spigot for 42 and 76 mm poles available separately

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|---------------------------------|---------------------------------|
|  | User Instruction | SL FLEX WAL |
|  | Addon Technical Information | LSI SL FLEX LA P |
|  | Legal information | Legal insert SL FLEX WAL |
|  | Declarations of conformity | SL FLEX MD |
|  | Declarations Of Conformity UKCA | SL FLEX WAL |
| Photometric and lighting design files | | Document name |
|  | IES file (IES) | SL FLEX SM P 13W 740 RV25ST WAL |
|  | LDT file (Eulumdat) | SL FLEX SM P 13W 740 RV25ST WAL |
|  | ULD file (DIALux) | SL FLEX SM P 13W 740 |
|  | ROLF file (RELUX) | SL FLEX SM P 13W 740 |
|  | LDC typ polar | SL FLEX SM P 13W 740 RV25ST WAL |
| CAD/BIM files | | Document name |
|  | BIM_Revit_3D | SL FLEX SM |

| CAD/BIM files | | Document name |
|--|-------------|---------------|
|  | CAD_STEP_3D | SL_FLEX_SM |

| Tender texts | | Document name |
|--|------------------|--|
|  | Tender documents | STREETLIGHT FLEX SMALL RV25ST P 13W 740 WAL-EN |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075552258 | Shipping box 1 | 502 mm x 330 mm x 235 mm | 5235.00 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

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