PRODUCT DATASHEET
SL FLEX LA RV25ST P 158W 740 WAL

STREETLIGHT FLEX LARGE 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
- Luminous efficacy: up to 155 lm/W
- Operating temperature: -40...50 °C
- High surge protection: up to 10 kV (L/N-GND)

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- Provides functional or mood lighting
- Protection class: II

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TECHNICAL DATA

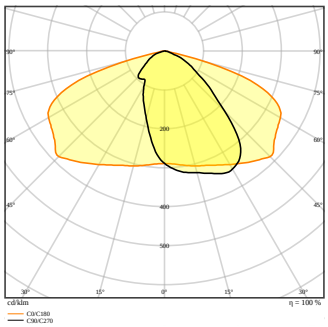
Electrical data

Nominal wattage	158.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	756 mA
Inrush current	80 A
Inrush current time T_{h50}	150 µs
Max. number of luminaires per miniature circuit breaker B16	7
Max. number of luminaires per miniature circuit breaker C10	8
Max. number of luminaires per miniature circuit breaker C16	14
Power factor λ	> 0.90
Maximum total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	24450 lm
Luminous efficacy	155 lm/W
Color temperature	4000 K
Light color (designation)	Cool 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 °

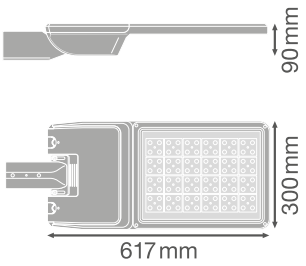
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SL FLEX LA P 158W 740 RV25ST WAL

Dimensions & Weight

Length	617.00 mm
Width	300.00 mm
Height	90.00 mm
Product weight	7700.00 g



SL FLEX LA P RV WAL

Materials & Colors

Product color	White aluminum
Housing color	White aluminum
RAL Color (most similar)	RAL 9006
Body material	Aluminum
Cover material	Tempered glass
Light emitting surface material	Glass

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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
Mechanically adjustable	Yes
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	100000 h [1)]
Lifespan L80/B10 at 25 °C	100000 h [1)]
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	100000 h [1)]
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	625 mA
Output ripple current (100 Hz)	≤ 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

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Product image	Product name	EAN
	SL FLEX SPIGOT 76MM WAL	4058075552531
	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
PDF	User instruction / safety instructions	SL FLEX WAL
PDF	Legal information	LSI SL FLEX LA P
PDF	Legal information	Legal insert SL FLEX WAL
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert G11218810
PDF	Declarations of conformity	SL FLEX MD
PDF	Declarations of conformity UKCA	SL FLEX WAL
PDF	EPD	EPD EN STREETLIGHT FLEX

	Photometric and lighting design files	Document name
IES	IES file (IES)	SL FLEX LA P 158W 740 RV25ST WAL
LDT	LDT file (Eulumdat)	SL FLEX LA P 158W 740 RV25ST WAL
ULD	ULD file (DIALux)	SL FLEX LA P 158W 740
ROLF	ROLF file (RELUX)	SL FLEX LA P 158W 740

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	Photometric and lighting design files	Document name
	Light distribution curve type polar	SL FLEX LA P 158W 740 RV25ST WAL

	CAD/BIM files	Document name
	BIM Revit 3D	SL FLEX LA
	CAD STEP 3D	SL_FLEX_LA

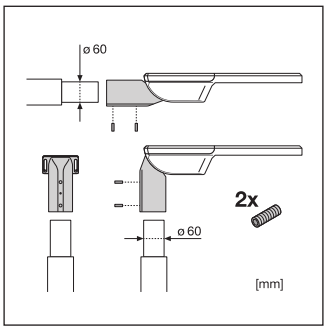
	Tender texts	Document name
	Tender documents	STREETLIGHT FLEX LARGE RV25ST P 158W 740 WAL-EN

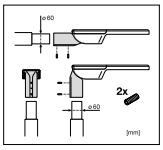
LOGISTICAL DATA

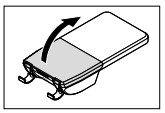
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075552517	Shipping box 1	678 mm x 378 mm x 227 mm	8735.00 g	58.18 dm^3

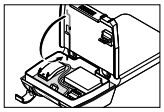
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

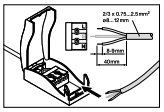
ADDITIONAL CATALOG INFORMATION

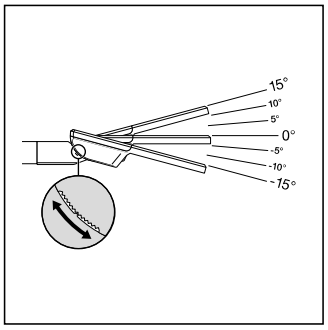












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References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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