

# PRODUCT DATASHEET

## SL FLEX LA RW35ST P 110W 740 WAL

STREETLIGHT FLEX LARGE RW35ST | Light distribution optimized for wider roads and area 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 distribution with great depth
- 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 151 lm/W
- Operating temperature: -40...50 °C
- High surge protection: up to 10 kV (L/N-GND)
- Push fit terminal for a quick and easy electrical connection
- Protection class: II

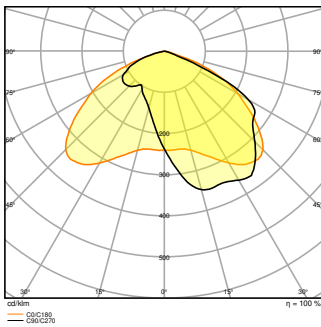
## TECHNICAL DATA

### Electrical data

Nominal wattage	110.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	528 mA
Inrush current	65 A
Inrush current time $T_{h50}$	220 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	8
Max. number of luminaires per miniature circuit breaker C10	9
Max. number of luminaires per miniature circuit breaker C16	17
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	16650 lm
Luminous efficacy	151 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	70
Standard deviation of color matching	< 5 sdc <sub>m</sub>
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	35 ° x 135 °



SL FLEX LA P 110W 740 RW35ST  
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
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
With light source	Yes

**Lifespan**

Lifespan L70/B50 at 25 °C	100000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	100000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	100000 h
Number of switching cycles	100000

<sup>1)</sup> 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	560 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
Replaceable light source (EPREL)	Not replaceable















**Accessories Optional**


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
	User instruction / safety instructions	SL FLEX WAL
	Legal information	LSI SL FLEX LA P
	Legal information	Legal insert SL FLEX WAL
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Safety Insert G11218810
	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 LA P 110W 740 RW35ST WAL
	LDT file (Eulumdat)	SL FLEX LA P 110W 740 RW35ST WAL
	ULD file (DIALux)	SL FLEX LA P 110W 740
	ROLF file (RELUX)	SL FLEX LA P 110W 740
	Light distribution curve type polar	SL FLEX LA P 110W 740 RW35ST 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 RW35ST P 110W 740 WAL-EN

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075552463	Shipping box 1	678 mm x 378 mm x 227 mm	8735.00 g	58.18 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](http://www.ledvance.com/guarantee)

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