PRODUCT DATASHEET
SL FLEX LA RW35ST P 158W 727 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



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- 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

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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. no. of lum. on circuit break. B16 A	7
Max. no. of lum. on circuit break. C10 A	8
Max. no. of lum. on circuit break. C16 A	14
Power factor λ	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	21000 lm
Luminous efficacy	133 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	35 ° x 135 °

Dimensions & Weight

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

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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
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	625 mA
ECG - Output ripple current	≤ 10 %

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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
PDF	User instruction
PDF	Addon Technical Information
PDF	Declarations of conformity
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075552487	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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