PRODUCT DATASHEET
SL FLEX MD RW35ST P 80W 727 WAL

STREETLIGHT FLEX MEDIUM 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 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	80.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	385 mA
Inrush current	65 A
Inrush current time T_{h50}	220 µs
Max. no. of lum. on circuit break. B16 A	9
Max. no. of lum. on circuit break. C10 A	10
Max. no. of lum. on circuit break. C16 A	19
Power factor λ	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	10500 lm
Luminous efficacy	131 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 °

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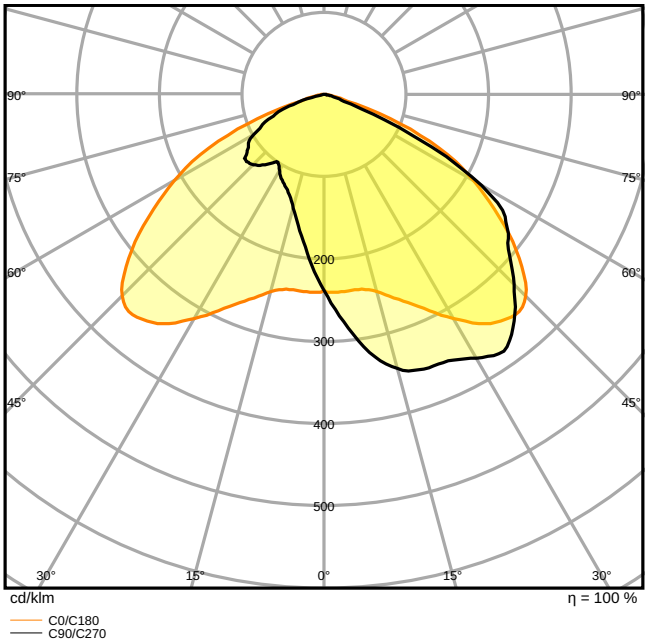
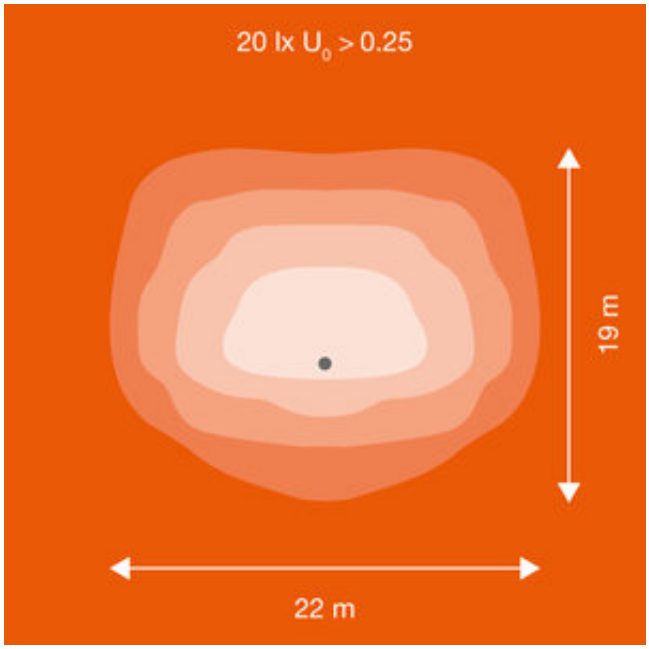


LDC typ polar



LDC typ polar

Dimensions & Weight

Length	496.00 mm
Width	250.00 mm
Height	90.00 mm
Product weight	5600.00 g

Materials & Colors

Product color	White aluminum
Housing color	White aluminum
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
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

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	DOWNLOAD DATA
PDF	User instruction STREETLIGHT FLEX
PDF	Declarations of conformity SL FLEX MD
	IES file (IES) SL FLEX MD P 80W 727 RW35ST WAL
	LDT file (Eulumdat) SL FLEX MD P 80W 727 RW35ST WAL
	R3D file (Relux 3D Model) SL FLEX MD
	M3D file (3D Model) SL FLEX MD

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075552364	Shipping box 1	553 mm x 328 mm x 235 mm	6369.00 g	42.63 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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