PRODUCT DATASHEET
SL FLEX MD RW35ST P 80W 727 WAL

STREETLIGHT FLEX MEDIUM RW35ST | Light distribution optimized for wider roads and area 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 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
- Luminous efficacy: up to 144 lm/W
- Operating temperature: -40...50 °C
- High surge protection: up to 10 kV (L/N-GND)



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- Protection class: II

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TECHNICAL DATA

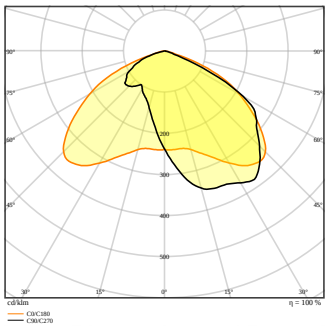
Electrical data

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. number of luminaires per miniature circuit breaker B16	9
Max. number of luminaires per miniature circuit breaker C10	10
Max. number of luminaires per miniature circuit breaker C16	19
Power factor λ	> 0.90
Maximum 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 °

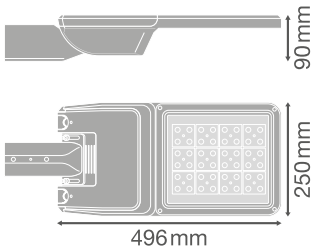
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SL FLEX MD P 80W 727 RW35ST WAL

Dimensions & Weight

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



SL FLEX MD P 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	550 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 MD P 80W 727 RW35ST WAL
LDT	LDT file (Eulumdat)	SL FLEX MD P 80W 727 RW35ST WAL
ULD	ULD file (DIALux)	SL FLEX MD P 80W 727
ROLF	ROLF file (RELUX)	SL FLEX MD P 80W 727

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	Photometric and lighting design files	Document name
	Light distribution curve type polar	SL FLEX MD P 80W 727 RW35ST WAL

	CAD/BIM files	Document name
	BIM Revit 3D	SL FLEX MD
	CAD STEP 3D	SL_FLEX_MD

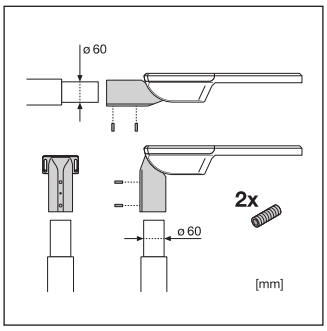
	Tender texts	Document name
	Tender documents	STREETLIGHT FLEX MEDIUM RW35ST P 80W 727 WAL-EN

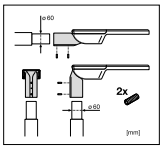
LOGISTICAL DATA

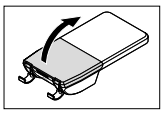
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075552364	Shipping box 1	553 mm x 328 mm x 235 mm	6369.00 g	42.63 dm^3

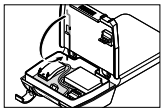
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

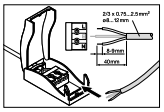
ADDITIONAL CATALOG INFORMATION

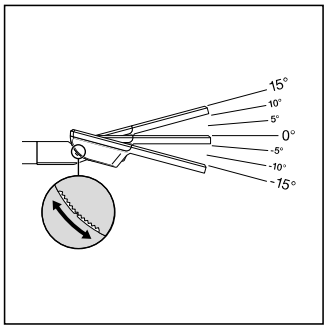












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References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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