



# product\_datasheet\_title

## SL FLEX MD RW35ST P 80W 740 WAL

STREETLIGHT FLEX MEDIUM RW35ST | Light distribution optimized for wider roads and area lighting



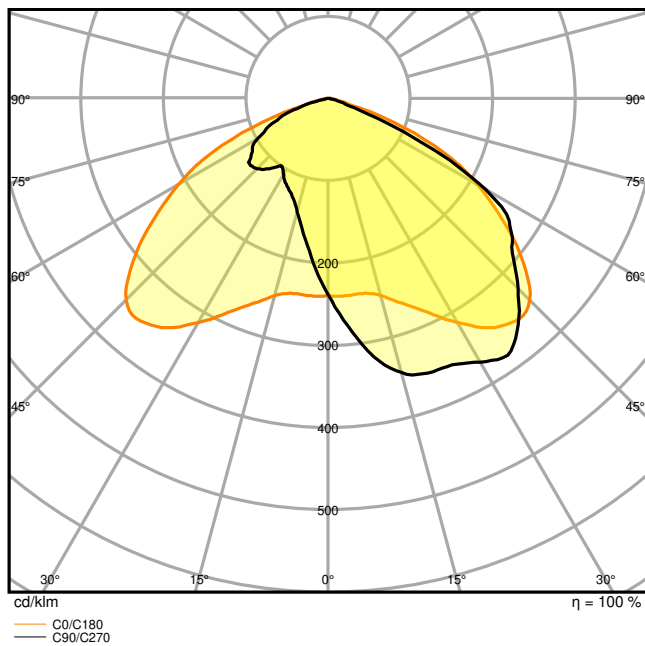
## technical\_data

## ELECTRICAL DATA

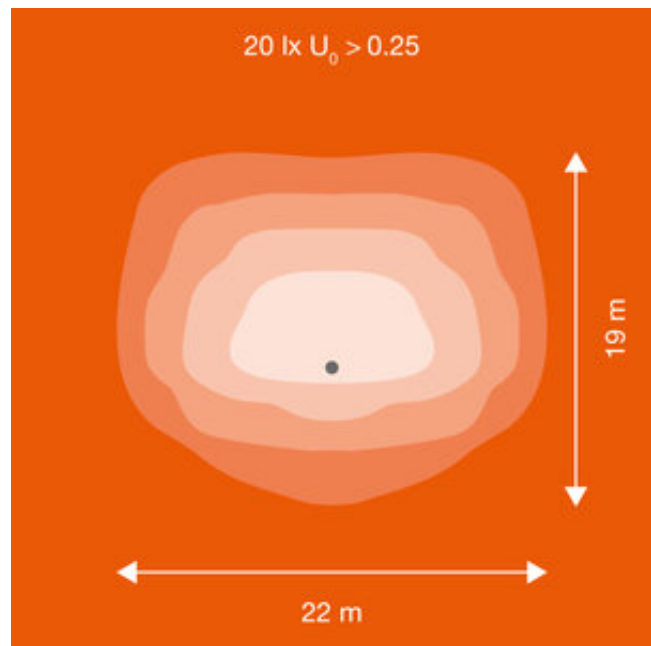
Nominal wattage	80.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	385 mA
Inrush current	65 A
Inrush current time $T_{h50}$	220 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	9
Max. number of luminaires per miniature circuit breaker C10	10
Max. number of luminaires per miniature circuit breaker C16	19
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

## PHOTOMETRICAL DATA

Luminous flux	11500 lm
Luminous efficacy	144 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 MD P 80W 740 RW35ST WAL



Streetlight Flex 80W RW35ST simplified isolux diagram

## 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
Body material	Aluminum
Cover material	Tempered glass
Light emitting surface material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C

## APPLICATION &amp; 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 <sup>1)</sup>
Lifespan L80/B10 at 25 °C	100000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	100000 h
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
ECG - Output ripple current	≤ 10 %

## CERTIFICATES &amp; STANDARDS






Standards	CE / ENEC / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No







## Accessories Optional



product_image	product_name	product_ean
	SL FLEX SPIGOT 76MM WAL	4058075552531

product_image	product_name	product_ean
	SL FLEX REDUCTION 60 TO 42MM WAL	4058075552579

## download\_data

Documents and certificates		document_name
	User instruction	SL FLEX WAL
	Addon Technical Information	LSI SL FLEX LA P
	Packaging insert	Legal insert SL FLEX WAL
	Declarations Of Conformity CE	SL FLEX MD
	Declarations Of Conformity UKCA	SL FLEX WAL

Photometric and lighting design files		document_name
	IES file (IES)	SL FLEX MD P 80W 740 RW35ST WAL
	LDT file (Eulumdat)	SL FLEX MD P 80W 740 RW35ST WAL
	ULD file (DIALux)	SL FLEX MD P 80W 740
	ROLF file (RELUX)	SL FLEX MD P 80W 740
	LDC typ polar	SL FLEX MD P 80W 740 RW35ST WAL
	LDC typ polar	Streetlight Flex 80W RW35ST simplified isolux diagram

CAD/BIM files		document_name
	BIM_Revit_3D	SL FLEX MD
	CAD_STEP_3D	SL_FLEX_MD

## logistical\_data

product_code	packaging_unit	dimensions	weight	volume
4058075552401	Shipping box 1	553 mm x 328 mm x 235 mm	6369.00 g	42.63 dm <sup>3</sup>

logistical\_data\_text

## additional\_catalog\_information

## disclaimer\_title

disclaimer\_text