



# product\_datasheet\_title

## SL FLEX LA RW35ST P 158W 730 WAL

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



PERFOR-  
MANCE  
CLASS



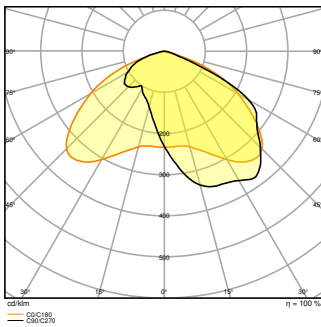
## technical\_data

## 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 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	7
Max. number of luminaires per miniature circuit breaker C10	8
Max. number of luminaires per miniature circuit breaker C16	14
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	Integrated LED driver

## PHOTOMETRICAL DATA

Luminous flux	23200 lm
Luminous efficacy	147 lm/W
Color temperature	3000 K
Light color (designation)	Warm 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 158W 730 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

### 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 <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

<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	625 mA
ECG - Output ripple current	≤ 10 %







## CERTIFICATES & 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
	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
	Certificates	CEE Eligibility Attestation RES-EC-104 FR

Photometric and lighting design files		document_name
	IES file (IES)	SL FLEX LA P 158W 730 RW35ST WAL
	LDT file (Eulumdat)	SL FLEX LA P 158W 730 RW35ST WAL
	ULD file (DIALux)	SL FLEX LA P 158W 730
	ROLF file (RELUX)	SL FLEX LA P 158W 730 RW35ST WAL
	LDC typ polar	SL FLEX LA P 158W 730 RW35ST WAL

CAD/BIM files		document_name
	BIM_Revit_3D	SL FLEX LA
	CAD_STEP_3D	SL_FLEX_LA

### logistical\_data

product_code	packaging_unit	dimensions	weight	volume
4058075552500	Shipping box 1	678 mm x 378 mm x 227 mm	8735.00 g	58.18 dm <sup>3</sup>

logistical\_data\_text

additional\_catalog\_information

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disclaimer\_title

disclaimer\_text