## STRADO LED XS 2700LM 740 RM7 IP66 II CL. 2DIM (18W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index: 8	70569
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Ingress protection: IP66

Impact resistance: IK10

Rated power of the luminaire [W]\*: 18

Luminous flux [lm]\*: 2700

Colour temperature [K]: 4000

Colour rendering index: 70

Electrical protection class:

**Control:** 5-stage power reduction

RM7

### **CHARACTERISTICS**

Strado LED XS is a new family of LED road luminaires. It uses directional multi-lens matrices, made of PMMA, with each lens having the same optics, ensuring that the luminous characteristics remain constant over time. Components from renowned manufacturers and state-of-the-art LED panels contribute to the very high luminous efficacy achieved at the output of the luminaire - reaching 155 lm/W. The upper part of the body has a separate electrical cavity in the body, which allows for efficient cooling of all power supply components, independently of the light module. The lower surface of the luminaire is finished entirely with toughened glass, providing high aesthetic qualities. The luminaire has an outgoing cable with a quick-release connector, which allows fast, convenient and reliable installation without opening the luminaire. Using standard tools, it is possible to service the luminaire, allowing any component to be replaced without soldering. The body and fixture are made of die-cast aluminium, powder-coated grey, and have a very high P66 ingress protection rating and IKO9; IK10 mechanical impact resistance. Standard features: fully programmable DALI driver; available functions for maintaining constant luminous flux during CLO and autonomous 5-step power reduction; NTC protection against accidental overheating of the luminaire; filter to prevent condensation; outgoing cable with quick-connector. Additional options: NEMA, ZHAGA connectors on the top of the luminaire; interfacing with control systems; additional SP10kV protection outside the power supply, on/off power supply without power reduction function; painting in any RAL colour. Certifications: CE, Zhaga D4i, ENEC, ENEC+.

#### **APPLICATION**

Thanks to the use of dedicated optics, it is possible to illuminate objects such as: highways, expressways, national, provincial, county, municipal, city, neighborhood, area lighting. Optics are also available to illuminate: pedestrian crossings, sidewalks and bicycle paths.



**Optics:** 

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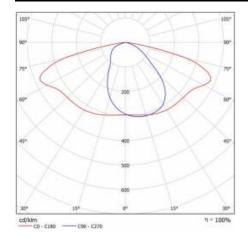
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	870569
EAN:	5905963870569
Category type:	street lighting
Version:	XS
Light source:	LED module
Rated power of the luminaire [W]:	18
Supply voltage [V]:	220 – 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	2700
Luminous efficacy [lm/W]:	150
Energy efficiency class:	С
Electrical protection class:	II
Colour temperature [K]:	4000
Colour rendering index:	70
SDCM:	≤ 4
Diffuser material:	tempered glass
Diffuser type:	transparent
Optics material:	PMMA
Optics:	RM7
Exchangeable source:	yes
Material of the body:	powder coated aluminium
Colour of the body:	gray RAL 9006

Dimensions (H/W/T/S) [mm]:	449/185/85
Mounting dimensions [mm]:	ø48-60
Impact resistance:	IK10
Ingress protection:	IP66
Mounting version:	Top, on pole / Side, on boom
Tilt angle adjustment [°]:	-20 to +20
Lateral surface (SCx) [m2]:	0.018
Working temperature [°C]:	from -40 to +50
DIMM 1-10V:	yes
Control:	5-stage power reduction
Protection type:	NTC + ESD
Vandalproof:	yes
Net weight [kg]:	3.900
ULOR:	0%
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Technical Warranty:	5 with the possibility of extension to 10
ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
CE certificate:	<u>76/2024</u>
Zhaga-D4i:	ZG436418112024
Environmental Product Declaration (EPD):	<u>682/2024</u>
Manual:	Download PDF
LED lifespan L95B10 [h]:	100000

### **LIGHT CURVES**





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#### **ACCESSORIES AVAILABLE**

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
842160	Backshield T (back) Strado LED XS RAL9006
842177	Backshield P (right) Strado LED XS RAL9006
842184	Backshield L (left) Strado LED XS RAL9006





wall holder (galvanized) (314049)

wall holder (grey) (314056)

Card creation date: 29 November 2024

