## STRADO LED XS 2625LM 740 RM7HE IP66 II CL. DALI IK10 (16W)

DETAILED CARD



### **TECHNICAL PARAMETERS**

Index:	841057
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	16
Luminous flux [lm]*:	2625
Colour temperature [K]:	4000
Colour rendering index:	70
Electrical protection class:	Ш
Optics:	RM7HE
Control:	5-stage power reduction

### **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, ensuing 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 1P66 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; RNEC, 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.



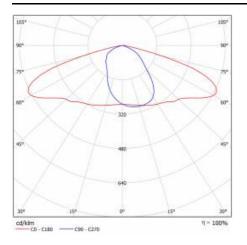
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### **TECHNICAL PARAMETERS TABLE**

841057	Mounting dimensions [mm]:	ø48-60
	•	IK10
street lighting	Ingress protection:	IP66
XS	Mounting version:	Top, on pole / Side, on boom
LED module	Tilt angle adjustment [°]:	-20 to +20
16	Lateral surface (SCx) [m2]:	0.018
220 – 240	Working temperature [°C]:	from -40 to +50
50 - 60	DIMM DALI:	yes
2625	Control:	5-stage power reduction
164	Protection type:	NTC
В	Net weight [kg]:	3.500
Ш	ULOR:	0%
4000	Photobiological safety:	RG0 - exempt (no photobiological hazard)
70 tempered glass	Technical Warranty:	5 with the possibility of extension to 10
	ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
	CE certificate:	76/2024
	Zhaga-D4i:	ZG436418112024
	Environmental Product Declaration (EPD):	<u>682/2024</u>
•	Manual:	Download PDF
• •	LED lifespan L95B10 [h]:	100000
	LED module 16 220 – 240 50 - 60 2625 164 B II	5905963841057Impact resistance:street lightingIngress protection:XSMounting version:LED moduleTilt angle adjustment [']:16Lateral surface (SCx) [m2]:220 - 240Working temperature [°C]:50 - 60DIMM DALI:2625Control:164Protection type:164Net weight [kg]:11ULOR:4000Photobiological safety:70Technical Warranty:tempered glassENEC Certificate:70Ce certificate:70ENEC Certificate:70ENEC Certificate:70ENEC Certificate:70ENEC Certificate:70ENEC Certificate:70ENEC Certificate:70ENEC Certificate:70ENEC Certificate:70Environmental Product Declaration (EPD):70Environmental Product Declaration (EPD):70Environmental Product Declaration (EPD):70Environmental Product Declaration (EPD):70Environmental Product Declaration (EPD):71Environmental Product Declaration (EPD):72Environmental Product Declaration (EPD):73Environmental Product Declaration (EPD):74Environmental Product Declaration (EPD):75Environmental Product Declaration (EPD):76Environmental PSB10 (h):

### 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: 08 May 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%

Certificate CE - Nr: 76/2024

X



This product is a subject to electric and electronic waste equipment regulations (WEEE).