# STRADO LED S 1825LM 740 RM7 IP66 II CL. DALI (12W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	408021
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	12
Luminous flux [lm]*:	1825
Colour temperature [K]:	4000
Colour rendering index:	70
Electrical protection class:	II

RM7

5-stage power reduction

#### **CHARACTERISTICS**

STRADO LED 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 165 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 1966 ingress protection rating and 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, ROHS, ENEC, ENEC+, Zhaga D4i.

#### **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:

Control:

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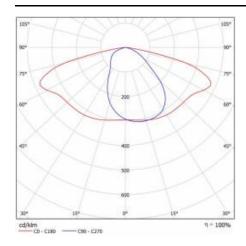
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	408021
EAN:	5905963408021
ETIM class:	EC000062
Category type:	street lighting
Version:	S
Light source:	LED module
Rated power of the luminaire [W]:	12
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	1825
Luminous efficacy [lm/W]:	152
Energy efficiency class:	С
Electrical protection class:	II
Colour temperature [K]:	4000
Colour rendering index:	70
SDCM:	≤ 5
Surge protection [kV]:	10
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]:	385/265/60	
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	
LED lifespan L90B10 [h]:	100000	
DIMM DALI:	yes	
Control:	5-stage power reduction	
Protection type:	NTC + ESD	
Net weight [kg]:	3.870	
ULOR:	0%	
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)	
Technical Warranty:	5 with the possibility of extension to 10	
ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24	
CE certificate:	85/2023	
Zhaga-D4i:	ZG415127092023	
Environmental Product Declaration (EPD):	682/2024	
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)
842139	Backshield T (back) Strado LED S RAL9006
842146	Backshield P (right) Strado LED S RAL9006
842153	Backshield L (left) Strado LED S RAL9006





wall holder (galvanized) (314049)

wall holder (grey) (314056)

