

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
Optics:	RM7
Control:	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 IP66 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.

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Index:	408021	Colour of the body:	gray RAL 9006
EAN:	5905963408021	Dimensions (H/W/T/S) [mm]:	385/265/60
ETIM class:	EC000062	Mounting dimensions [mm]:	ø48-60
Category type:	street lighting	Impact resistance:	IK10
Version:	S	Ingress protection:	IP66
Light source:	LED module	Mounting version:	Top, on pole / Side, on boom
Rated power of the luminaire [W]:	12	Tilt angle adjustment [°]:	-20 to +20
Supply voltage [V]:	220 - 240	Lateral surface (SCx) [m2]:	0.018
Frequency [Hz]:	50 - 60	Working temperature [°C]:	from -40 to +50
Luminous flux [lm]:	1825	LED lifespan L90B10 [h]:	100000
Luminous efficacy [lm/W]:	152	DIMM DALI:	yes
Energy efficiency class:	C	Control:	5-stage power reduction
Electrical protection class:	II	Protection type:	NTC + ESD
Colour temperature [K]:	4000	Net weight [kg]:	3.870
Colour rendering index:	70	ULOR:	0%
SDCM:	≤ 5	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Surge protection [kV]:	10	Technical Warranty:	5 with the possibility of extension to 10
Diffuser material:	tempered glass	ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
Diffuser type:	transparent	CE certificate:	85/2023
Optics material:	PMMA	Zhaga-D4i:	ZG415127092023
Optics:	RM7	Environmental Product Declaration (EPD):	682/2024
Exchangeable source:	yes	Manual:	Download PDF
Material of the body:	powder coated aluminium	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)