

STRADO LED S 7800LM 740 RM7 IP66 II CL. DALI (50W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	408243
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	50
Luminous flux [lm]*:	7800
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
Electrical protection class:	II
Optics:	RM7
Control:	5-stage power reduction

CHARACTERISTICS

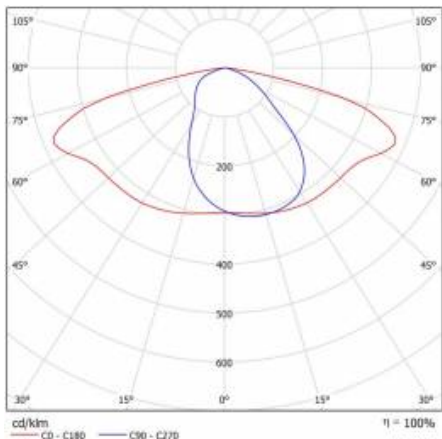
STRADO LED is a new family of LED road luminaires. It uses directional multi-lens matrices, made of PMMA, with each lens having the same optics, ensuring that the luminous characteristics remain constant over time. Components from renowned manufacturers and state-of-the-art LED panels contribute to the 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.

DETAILED CARD

Index:	408243	Dimensions (H/W/T/S) [mm]:	385/265/60
EAN:	5905963408243	Mounting dimensions [mm]:	ø48-60
ETIM class:	EC000062	Impact resistance:	IK10
Category type:	street lighting	Ingress protection:	IP66
Category of application:	Street lighting	Mounting version:	Top, on pole / Side, on boom
Version:	S	Tilt angle adjustment [°]:	-20 to +20
Light source:	LED module	Lateral surface (SCx) [m2]:	0.018
Rated power of the luminaire [W]:	50	Working temperature [°C]:	from -40 to +50
Supply voltage [V]:	220 - 240	LED lifespan L95B10 [h]:	100000
Frequency [Hz]:	50 - 60	DIMM DALI:	yes
Luminous flux [lm]:	7800	Control:	5-stage power reduction
Luminous efficacy [lm/W]:	156	Protection type:	NTC + ESD
Energy efficiency class:	C	Net weight [kg]:	4.400
Electrical protection class:	II	Wire type:	H07RN-F 5x1,5
Colour temperature [K]:	4000	Cable length [m]:	0.70
Color rendering index (Ra) >:	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	CE certificate:	85/2023
Diffuser type:	transparent	ENEC Certificate:	0390/ENEC/24; 0133/ENEC+24
Optics material:	PMMA	ENEC Plus:	133/ENEC+/24
Optics:	RM7	Zhaga-D4i:	ZG415127092023
Exchangeable source:	yes	Environmental Product Declaration (EPD):	682/2024
Material of the body:	powder coated aluminium	Manual:	Download PDF
Colour of the body:	gray RAL 9006	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018



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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)