STRADO LED XS 2450LM 740 RM7 IP66 II CL. 2DIM (16W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	870552
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	16
Luminous flux [lm]*:	2450
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
Electrical protection class:	II
Optics:	RM7
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, 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 IP66 ingress protection rating and IK09; 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.

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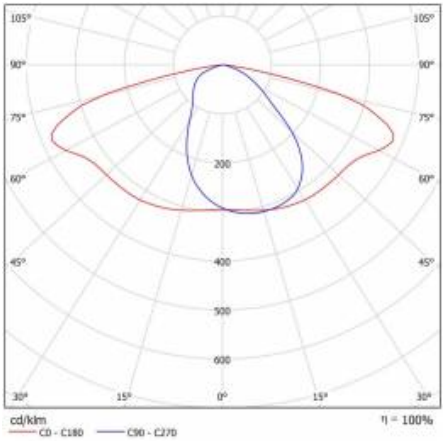
TECHNICAL PARAMETERS TABLE

Index:	870552
EAN:	5905963870552
Category type:	street lighting
Version:	XS
Light source:	LED module
Rated power of the luminaire [W]:	16
Supply voltage [V]:	220 – 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	2450
Luminous efficacy [lm/W]:	153
Energy efficiency class:	C
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	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]:	3.500
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:	76/2024
Zhaga-D4i:	ZG436418112024
Environmental Product Declaration (EPD):	682/2024
Manual:	Download PDF
LED lifespan L95B10 [h]:	100000
Category of application:	Street lighting
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018

LIGHT CURVES



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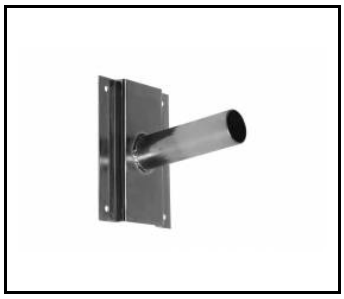
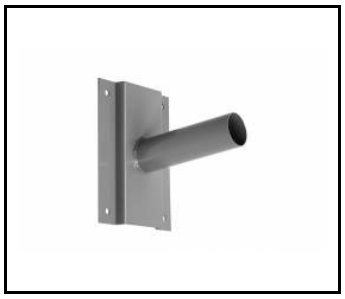
DETAILED CARD

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: 23 July 2026

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%

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

Certificate CE - Nr: 76/2024

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl