STRADO LED XS 2000LM 740 RM7 IP66 IK09 II CL. 2DIM (14W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	872761
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	14
Luminous flux [lm]*:	2000
Colour temperature [K]:	4000
Colour rendering index:	> 70
Electrical protection class:	II
Optics:	RM7
Control:	Yes + 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.
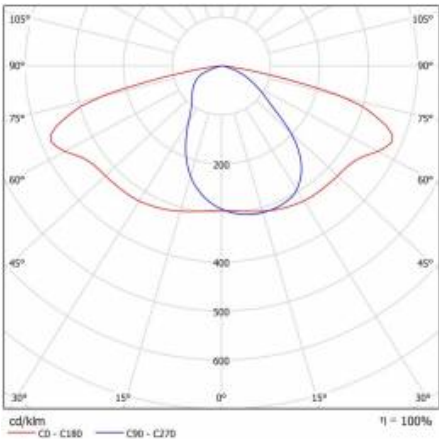
LENA LIGHTING

STRADO LED XS 2000LM 740 RM7 IP66 IK09 II CL. 2DIM (14W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

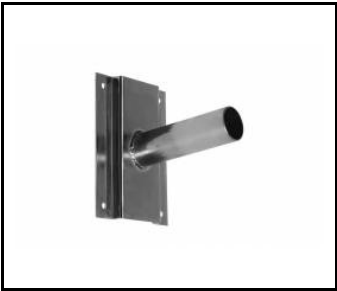|			
Index:	872761	Optics:	RM7
Rated power of the luminaire [W]:	14	Exchangeable source:	yes
EAN:	5905963872761	Material of the body:	aluminium
Luminous flux [lm]:	2000	Colour of the body:	gray RAL 9006
Category type:	street lighting	Dimensions (H/W/T/S) [mm]:	449/185/85
Luminous efficacy [lm/W]:	143	Mounting dimensions [mm]:	ø60
Version:	XS	Ingress protection:	IP66
Colour temperature [K]:	4000	Mounting version:	Top, on pole / Side, on boom
Light source:	LED module	Tilt angle adjustment [°]:	`od -20° do 20°
Colour rendering index:	> 70	Lateral surface (SCx) [m2]:	0.018
Supply voltage [V]:	220 – 240	Working temperature [°C]:	from -40 to +50
Frequency [Hz]:	50 - 60	DIMM 1-10V:	yes
Impact resistance:	IK09	Net weight [kg]:	3.500
Vandalproof:	yes	ULOR:	0%
Energy efficiency class:	C	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Control:	Yes + 5-stage power reduction	Technical Warranty:	5 with the possibility of extension to 10
Electrical protection class:	II	ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
Protection type:	NTC + ESD	CE certificate:	76/2024
SDCM:	≤ 4	Zhaga-D4i:	ZG436418112024
Diffuser material:	toughened glass	Environmental Product Declaration (EPD):	682/2024
Diffuser type:	transparent	Manual:	Download PDF
Optics material:	PMMA	LED lifespan L95B10 [h]:	100000

LIGHT CURVES

STRADO LED XS 2000LM 740 RM7 IP66 IK09 II CL. 2DIM (14W)

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)

wall holder (galvanized) (314049)

wall holder (grey) (314056)

LENA LIGHTING

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