

STRADO LED XS 6425LM 740 RM7 IP66 II CL. 2DIM (47W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	870736
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	47
Luminous flux [lm]*:	6425
Colour temperature [K]:	4000
Colour rendering index:	>70
Electrical protection class:	II
Optics:	RM7
Control:	Option

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.

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:	870736	Light distribution type:	RM7
EAN:	5905963870736	Material of the body:	aluminium
Category type:	street lighting	Colour of the body:	grey
Product line:	Street Lights	Dimensions (H/W/T/S) [mm]:	449/185/85
Light source:	LED module	Mounting dimensions [mm]:	ø64/75
Rated power of the luminaire [W]:	47	Impact resistance:	IK10
Supply voltage [V]:	220 – 240	Ingress protection:	IP66
Frequency [Hz]:	50 - 60	Mounting version:	Top, on pole / Side, on boom
Luminous flux [lm]:	6425	Beam angle adjustment [°]:	0° to 20° / 20° to 0°
Luminous efficacy [lm/W]:	137	Lateral surface (SCx) [m2]:	0.018
Energy efficiency class:	C	Working temperature [°C]:	from -40 to +50
Electrical protection class:	II	DIMM DALI:	yes
Colour temperature [K]:	4000	Control:	Option
Colour rendering index:	>70	Protection type:	Option
SDCM:	≤ 4	Vandalproof:	yes
Diffuser material:	toughened glass	Net weight [kg]:	3.900
Diffuser type:	transparent	Technical Warranty:	5 with the possibility of extension to 10
Optics material:	PMMA	CE certificate:	76/2024
Optics:	RM7	Manual:	Download PDF

LIGHT CURVES



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DETAILED CARD

ACCESSORIES AVAILABLE

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



wall holder (galvanized) (314049)



wall holder (grey) (314056)

Card creation date: 09 September 2024

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 76/2024