STRADO LED XS 6825LM 740 RM7 IP66 IK09 II CL. 2DIM (50W)

DETAILED CARD





TECHNICAL PARAMETERS

Index:	872976
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	50
Luminous flux [lm]*:	6825
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: CF

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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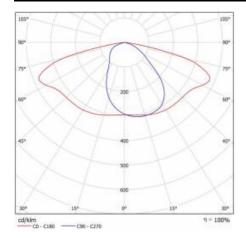
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	872976
EAN:	5905963872976
Category type:	street lighting
Product line:	Street Lights
Light source:	LED module
Rated power of the luminaire [W]:	50
Supply voltage [V]:	220 – 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	6825
Luminous efficacy [lm/W]:	137
Energy efficiency class:	С
Electrical protection class:	II
Colour temperature [K]:	4000
Colour rendering index:	>70
SDCM:	≤ 4
Diffuser material:	toughened glass
Diffuser type:	transparent
Optics material:	PMMA
Optics:	RM7
Light distribution type:	RM7

Material of the body:	aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	449/185/85
Mounting dimensions [mm]:	ø64/75
Impact resistance:	IK09
Ingress protection:	IP66
Mounting version:	Top, on pole / Side, on boom
Tilt angle adjustment [°]:	`od -20° do 20°
Lateral surface (SCx) [m2]:	0.018
Working temperature [°C]:	from -40 to +50
DIMM DALI:	yes
Control:	Option
Protection type:	Option
Vandalproof:	yes
Net weight [kg]:	3.500
Technical Warranty:	5 with the possibility of extension to 10
Environmental Product Declaration (EPD):	682/2024
CE certificate:	<u>76/2024</u>
Manual:	Download PDF

LIGHT CURVES





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ACCESSORIES AVAILABLE

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





wall holder (galvanized) (314049)

wall holder (grey) (314056)

