

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	872976
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Rated power of the luminaire [W]*:</b>	50
<b>Luminous flux [lm]*:</b>	6825
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>70
<b>Electrical protection class:</b>	II
<b>Optics:</b>	RM7
<b>Control:</b>	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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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	872976	<b>Material of the body:</b>	aluminium
<b>EAN:</b>	5905963872976	<b>Colour of the body:</b>	grey
<b>Category type:</b>	street lighting	<b>Dimensions (H/W/T/S) [mm]:</b>	449/185/85
<b>Product line:</b>	Street Lights	<b>Mounting dimensions [mm]:</b>	ø64/75
<b>Light source:</b>	LED module	<b>Impact resistance:</b>	IK09
<b>Rated power of the luminaire [W]:</b>	50	<b>Ingress protection:</b>	IP66
<b>Supply voltage [V]:</b>	220 – 240	<b>Mounting version:</b>	Top, on pole / Side, on boom
<b>Frequency [Hz]:</b>	50 - 60	<b>Tilt angle adjustment [°]:</b>	od -20° do 20°
<b>Luminous flux [lm]:</b>	6825	<b>Lateral surface (SCx) [m2]:</b>	0.018
<b>Luminous efficacy [lm/W]:</b>	137	<b>Working temperature [°C]:</b>	from -40 to +50
<b>Energy efficiency class:</b>	C	<b>DIMM DALI:</b>	yes
<b>Electrical protection class:</b>	II	<b>Control:</b>	Option
<b>Colour temperature [K]:</b>	4000	<b>Protection type:</b>	Option
<b>Colour rendering index:</b>	>70	<b>Vandalproof:</b>	yes
<b>SDCM:</b>	≤ 4	<b>Net weight [kg]:</b>	3.500
<b>Diffuser material:</b>	toughened glass	<b>Technical Warranty:</b>	5 with the possibility of extension to 10
<b>Diffuser type:</b>	transparent	<b>Environmental Product Declaration (EPD):</b>	682/2024
<b>Optics material:</b>	PMMA	<b>CE certificate:</b>	<a href="#">76/2024</a>
<b>Optics:</b>	RM7	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Light distribution type:</b>	RM7		

## 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)

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