# STRADO LED S 10900LM 740 RM7HE IP66 II CL. DALI IK10 (65W)

DETAILED CARD



### **TECHNICAL PARAMETERS**

Index:	841545
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	65
Luminous flux [lm]*:	10900
Colour temperature [K]:	4000
Colour rendering index:	70
Electrical protection class:	II
Optics:	RM7HE
Control:	5-stage power reduction

#### **CHARACTERISTICS**

STRADO LED is a new family of LED road luminaires. It uses directional multi-lens matrices, made of PMMA, with each lens having the same optics, ensuing 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 165 Im/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 1P66 ingress protection rating and 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, RoHS, ENEC, ENEC+, Zhaga D4i.

#### 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.



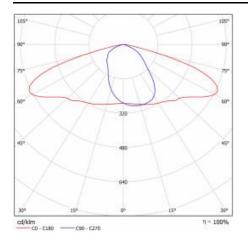
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## **TECHNICAL PARAMETERS TABLE**

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Index:	841545	Dimensions (H/W/T/S) [mm]:	385/265/60
EAN:	5905963841545	Mounting dimensions [mm]:	ø48-60
Category type:	street lighting	Impact resistance:	IK10
Version:	S	Ingress protection:	IP66
Light source:	LED module	Mounting version:	Top, on pole / Side, on boom
Rated power of the luminaire [W]:	65	Tilt angle adjustment [°]:	-20 to +20
Supply voltage [V]:	220 - 240	Lateral surface (SCx) [m2]:	0.018
Frequency [Hz]:	50 - 60	Working temperature [°C]:	from -40 to +50
Luminous flux [Im]:	10900	LED lifespan L90B10 [h]:	100000
Luminous efficacy [lm/W]:	168	DIMM DALI:	yes
Energy efficiency class:	В	Control:	5-stage power reduction
Electrical protection class:	П	Protection type:	NTC + ESD
Colour temperature [K]:	4000	Net weight [kg]:	3.960
Colour rendering index:	70	Wire type:	HO7 RNF-2x1
SDCM:	≤ 5	ULOR:	0%
Power factor:	0.97	<b>N</b>	Risk Group 1 (no photobiological
Surge protection [kV]:	10	Photobiological safety:	hazard under normal behavioral limitation)
Diffuser material:	tempered glass	Technical Warranty:	5 with the possibility of extension to 10
Diffuser type:	transparent	ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
Optics material:	PMMA + PC	CE certificate:	<u>85/2023</u>
Optics:	RM7HE	Zhaga-D4i:	ZG415127092023
Material of the body:	powder coated aluminium	Environmental Product Declaration (EPD):	682/2024
Colour of the body:	gray RAL 9006	Manual:	Download PDF
		Product line:	HE

## LIGHT CURVES





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## ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
842139	Backshield T (back) Strado LED S RAL9006
842146	Backshield P (right) Strado LED S RAL9006
842153	Backshield L (left) Strado LED S RAL9006





wall holder (galvanized) (314049)

wall holder (grey) (314056)

Card creation date: 08 May 2025

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%

Certificate CE - Nr: 85/2023

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

