STRADO LED S 13750LM 740 RM7 IP66 II CL. DALI (99W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	408335
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	99
Luminous flux [lm]*:	13750
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
Electrical protection class:	II
Optics:	RM7
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, 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 165 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 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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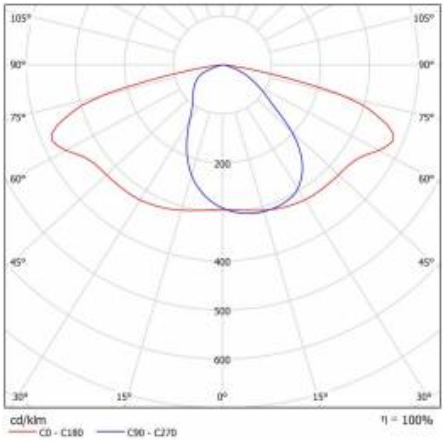
TECHNICAL PARAMETERS TABLE

Index:	408335
EAN:	5905963408335
ETIM class:	EC000062
Category type:	street lighting
Category of application:	Street lighting
Version:	S
Light source:	LED module
Rated power of the luminaire [W]:	99
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	13750
Luminous efficacy [lm/W]:	138
Energy efficiency class:	C
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
SDCM:	5
Surge protection [kV]:	10
Diffuser material:	tempered glass
Diffuser type:	transparent
Optics material:	PMMA
Optics:	RM7
Exchangeable source:	yes
Material of the body:	powder coated aluminium
Colour of the body:	gray RAL 9006

Dimensions (H/W/T/S) [mm]:	385/265/60
Mounting dimensions [mm]:	ø48-60
Impact resistance:	IK10
Ingress protection:	IP66
Mounting version:	Top, on pole / Side, on boom
Tilt angle adjustment [°]:	-20 to +20
Lateral surface (SCx) [m2]:	0.018
Working temperature [°C]:	from -40 to +50
LED lifespan L95B10 [h]:	100000
DIMM DALI:	yes
Control:	5-stage power reduction
Protection type:	NTC + ESD
Net weight [kg]:	4.400
Wire type:	H07RN-F 5x1,5
Cable length [m]:	0.70
ULOR:	0%
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Technical Warranty:	5 with the possibility of extension to 10
CE certificate:	85/2023
ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
ENEC Plus:	133/ENEC+/24
Zhaga-D4i:	ZG415127092023
Environmental Product Declaration (EPD):	682/2024
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018

LIGHT CURVES



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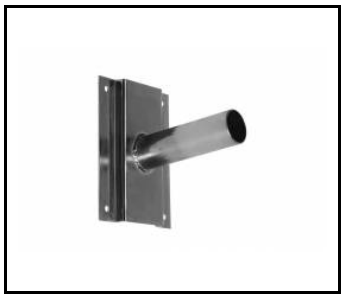
DETAILED CARD

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
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT



wall holder (galvanized) (314049)

wall holder (grey) (314056)

HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 85/2023

LENA LIGHTING

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