STRADO LED M 12725LM 740 RM7HE IP66 II CL. DALI IK10 (69W)

DETAILED CARD





TECHNICAL PARAMETERS

Index.	841842

Ingress protection: IP66

Impact resistance: IK10

Rated power of the luminaire [W]*: 69

Luminous flux [lm]*: 12725

Colour temperature [K]: 4000

Colour rendering index: 70

Electrical protection class:

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, 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 1966 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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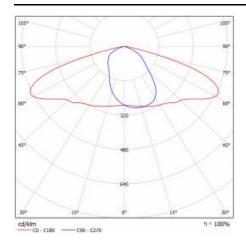
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	841842
EAN:	5905963841842
Category type:	street lighting
Product line:	HE
Version:	M
Light source:	LED module
Rated power of the luminaire [W]:	69
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [Im]:	12725
Luminous efficacy [lm/W]:	184
Energy efficiency class:	А
Electrical protection class:	II
Colour temperature [K]:	4000
Colour rendering index:	70
SDCM:	≤ 5
Surge protection [kV]:	10
Diffuser material:	tempered glass
Diffuser type:	transparent
Optics material:	PMMA + PC
Optics:	RM7HE
Material of the body:	powder coated aluminium

Colour of the body: Dimensions (H/W/T/S) [mm]: Dimensions (H/W/T/S) [mm]: Mounting dimensions [mm]: Impact resistance: Ik10 Ingress protection: IP66 Mounting version: Tilt angle adjustment [°]: Lateral surface (SCx) [m2]: Working temperature [°C]: LED lifespan L95B10 [h]: DIMM DALI: Control: Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: Environmental Product Declaration (EPD): SKI (NO 0) A48-60 IK10 IV10 IV10 IV10 IV10 IV10 IV10 A490 A490 A490 A490 A490 A490 A450 O% Risk Group 1 (no photobiological hazard under normal behavioral limitation) Swith the possibility of extension to 10 O390/ENEC/24; 0133/ENEC+/24 CE certificate: B6/2023 ZG415027092023		
Mounting dimensions [mm]: Impact resistance: Ik10 Ingress protection: Mounting version: Tilt angle adjustment [°]: Lateral surface (SCx) [m2]: Working temperature [°C]: LED lifespan L95B10 [h]: DIMM DALI: Control: Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: Dikito S48-60 Ik10 Ik10 Ik10 Ik10 Ip66 Top, on pole / Side, on boom Top, on pole / Side, on pole / Side, on po	Colour of the body:	gray RAL 9006
Impact resistance: Ingress protection: IP66 Mounting version: Top, on pole / Side, on boom Tilt angle adjustment [°]: Lateral surface (SCx) [m2]: Working temperature [°C]: IED lifespan L95B10 [h]: DIMM DALI: Ves Control: Protection type: NTC Net weight [kg]: ULOR: O% Risk Group 1 (no photobiological hazard under normal behavioral limitation) Technical Warranty: ENEC Certificate: O390/ENEC/24; 0133/ENEC+/24 EXECUTED IF66 INTO O390/ENEC/24; 0133/ENEC+/24 INTO ENEC Certificate: INTO ENEC Certificate: INTO O390/ENEC/24; 0133/ENEC+/24 INTO ENEC Certificate: I	Dimensions (H/W/T/S) [mm]:	505/265/60
Ingress protection: Mounting version: Tilt angle adjustment [°]: Lateral surface (SCx) [m2]: Working temperature [°C]: LED lifespan L95B10 [h]: DIMM DALI: Control: Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: Ce certificate: Zhaga-D4i: Top, on pole / Side, on boom Top, on pole / Side, on pole / Side, on pole / Side,	Mounting dimensions [mm]:	ø48-60
Mounting version: Tilt angle adjustment [°]: Lateral surface (SCx) [m2]: Working temperature [°C]: LED lifespan L95B10 [h]: Control: Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Top, on pole / Side, on boom 0.021 from -40 to +50 100000 DIMM DALI: yes Control: 5-stage power reduction NTC NTC Net weight [kg]: 4.450 ULOR: Photobiological safety: Ino photobiological hazard under normal behavioral limitation) 5 with the possibility of extension to 10 ENEC Certificate: 0.390/ENEC/24; 0133/ENEC+/24 CE certificate: 86/2023 Zhaga-D4i: ZG415027092023	Impact resistance:	IK10
Tilt angle adjustment [°]: Lateral surface (SCx) [m2]: Working temperature [°C]: LED lifespan L95B10 [h]: DIMM DALI: Control: Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: D.0.021 from -40 to +50 100000 100000 100000 100000 100000 100000 1000000	Ingress protection:	IP66
Lateral surface (SCx) [m2]: Working temperature [°C]: LED lifespan L95B10 [h]: DIMM DALI: Control: Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: D.021 from -40 to +50 100000 100000 100000 44000 NTC NTC Risk Group 1 (no photobiological hazard under normal behavioral limitation) 5 with the possibility of extension to 10 2390/ENEC/24; 0133/ENEC+/24	Mounting version:	Top, on pole / Side, on boom
Working temperature [°C]: LED lifespan L95B10 [h]: DIMM DALI: Control: Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: From -40 to +50 100000 Resolution 9 4.450 W. Risk Group 1 (no photobiological hazard under normal behavioral limitation) 5 with the possibility of extension to 10 ENEC Certificate: 86/2023 ZG415027092023	Tilt angle adjustment [°]:	-20 to +20
LED lifespan L95B10 [h]: DIMM DALI: yes Control: 5-stage power reduction NTC Net weight [kg]: ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: 100000 9es Risk Group 1 (no photobiological hazard under normal behavioral limitation) 5 with the possibility of extension to 10 2390/ENEC/24; 0133/ENEC+/24	Lateral surface (SCx) [m2]:	0.021
DIMM DALI: Control: 5-stage power reduction Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: S-stage power reduction NTC 4.450 Risk Group 1 (no photobiological hazard under normal behavioral limitation) 5 with the possibility of extension to 10 2390/ENEC/24; 0133/ENEC+/24 ZG415027092023	Working temperature [°C]:	from -40 to +50
Control: Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: S-stage power reduction NTC 4.450 4.450 Risk Group 1 (no photobiological hazard under normal behavioral limitation) 5 with the possibility of extension to 10 390/ENEC/24; 0133/ENEC+/24 ZG415027092023	LED lifespan L95B10 [h]:	100000
Protection type: NTC Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: NTC 4.450 4.450 With the photobiological hazard under normal behavioral limitation) 5 with the possibility of extension to 10 ENEC Certificate: 2390/ENEC/24; 0133/ENEC+/24 ZG415027092023	DIMM DALI:	yes
Net weight [kg]: ULOR: 0% Risk Group 1 (no photobiological hazard under normal behavioral limitation) Technical Warranty: ENEC Certificate: 0390/ENEC/24; 0133/ENEC+/24 CE certificate: 86/2023 Zhaga-D4i: 2.4450	Control:	5-stage power reduction
ULOR: Photobiological safety: Risk Group 1 (no photobiological hazard under normal behavioral limitation) Technical Warranty: ENEC Certificate: O390/ENEC/24; O133/ENEC+/24 CE certificate: 86/2023 Zhaga-D4i: ZG415027092023	Protection type:	NTC
Photobiological safety: Risk Group 1 (no photobiological hazard under normal behavioral limitation) Technical Warranty: ENEC Certificate: CE certificate: 2390/ENEC/24; 0133/ENEC+/24 CE certificate: 86/2023 Zhaga-D4i: ZG415027092023	Net weight [kg]:	4.450
Photobiological safety: hazard under normal behavioral limitation) Technical Warranty: ENEC Certificate: CE certificate: Zhaga-D4i: hazard under normal behavioral limitation) 5 with the possibility of extension to 10 0390/ENEC/24; 0133/ENEC+/24 86/2023 ZG415027092023	ULOR:	0%
Technical Warranty: extension to 10 ENEC Certificate: 0390/ENEC/24; 0133/ENEC+/24 CE certificate: 86/2023 Zhaga-D4i: ZG415027092023	Photobiological safety:	hazard under normal behavioral
CE certificate: 86/2023 Zhaga-D4i: ZG415027092023	Technical Warranty:	' '
Zhaga-D4i: ZG415027092023	ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
-	CE certificate:	86/2023
Environmental Product Declaration (EPD): 682/2024	Zhaga-D4i:	ZG415027092023
	Environmental Product Declaration (EPD):	682/2024
Manual: Download PDF	Manual:	Download PDF

LIGHT CURVES





STRADO LED M 12725LM 740 RM7HE IP66 II CL. DALI IK10 (69W)

DETAILED CARD

ACCESSORIES AVAILABLE

•	
index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
842108	Backshield T (back) Strado LED M RAL9006
842115	Backshield P (right) Strado LED M RAL9006
842122	Backshield L (left) Strado LED M RAL9006





wall holder (galvanized) (314049)

wall holder (grey) (314056)