## STRADO LED M 15725LM 740 RM7 IP66 II CL. DALI (118W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	411717
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	118
Luminous flux [lm]*:	15725
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 P66 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 SPIOkV 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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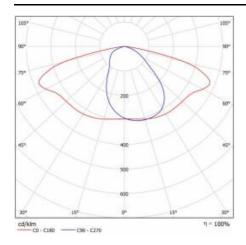
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

EAN:  EAN:  ETIM class:  EC000062  Category type:  Version:  Light source:  Rated power of the luminaire [W]:  Supply voltage [V]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  D  Electrical protection class:  Colour temperature [K]:  Color rendering index (Ra) >:  SDCM:  Power factor:  Surge protection [kV]:  Diffuser material:  Diffuser type:  Optics:  ENDO0062  Street lighting  M  LED module  18  220 - 240  50 - 60  15725  Luminous efficacy [Im/W]:  133  Energy efficiency class:  D  Electrical protection class:  II  Colour temperature [K]:  4000  Color rendering index (Ra) >:  5  Power factor:  0.97  Surge protection [kV]:  10  Diffuser material:  Diffuser type:  Ves	Index:	411717
ETIM class:  Category type:  street lighting  Version:  Light source:  Rated power of the luminaire [W]:  Supply voltage [V]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Color rendering index (Ra) >:  SDCM:  Power factor:  O.97  Surge protection [kV]:  Diffuser material:  Detail ighting  M  LED module  118  220 - 240  50 - 60  15725  Luminous efficacy [Im/W]:  133  Energy efficiency class:  D  Color rendering index (Ra) >:  70  SDCM:  Power factor:  0.97  Surge protection [kV]:  Diffuser material:  Diffuser type:  Optics material:  PMMA  Optics:  RM7		
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Diffuser type: transparent Optics material: PMMA Optics: RM7	Surge protection [kV]:	10
Optics material: PMMA Optics: RM7	Diffuser material:	tempered glass
Optics: RM7	Diffuser type:	transparent
·	Optics material:	PMMA
Exchangeable source: yes	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]:	505/265/60
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]:	0.021
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]:	5.200
ULOR:	0%
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Technical Warranty:	5 with the possibility of extension to 10
ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
CE certificate:	86/2023
Zhaga-D4i:	ZG415027092023
Environmental Product Declaration (EPD):	682/2024
Manual:	Download PDF

### LIGHT CURVES





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**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)

