TIARA LED M PRO CLUE SRW 8475LM 740 RM3 IP66 I CL. DALI (54W) IOT CLUE

DETAILED CARD



TECHNICAL PARAMETERS

Rated power of the luminaire [W]*: 54 Luminous flux [lm]*: 8475 Supply voltage [V]: 220 - 240 Frequency [Hz]: 50 - 60 Luminous efficacy [lm/W]: 157 **Energy efficiency class:** C. **Electrical protection class:** 4000 Colour temperature [K]: Colour rendering index: > 70 Surge protection [kV]: 10

CHARACTERISTICS

TIARA LED is a new generation of road luminaires dedicated to LED technology. Designed from scratch, it introduces new solutions to improve light distribution and temperature balance, thus introducing new standards in road lighting. The luminaire uses directional lenticular matrices made of PMMA or PC, thanks to which it is possible to obtain a light distribution meeting the lighting classes defined in the PN-EN 13201: 2007 standard. Components of renowned manufacturers and new LED they have an effect on very high luminous efficiency close to 130 $\,\mathrm{lm}$ / $\,\mathrm{W}$. The luminaire uses a solution that integrates the diffuser with the LED module. The body and the handle are made of a pressure cast aluminum. The whole has been powder coated in gray (RAL9006). The luminaire design allows for tool-free access to the electrical equipment compartment. The luminaire is characterized by a very high degree of protection IP66 and resistance to mechanical impacts IK09 (vandal resistance). The fitting has many improvements to facilitate and accelerate assembly: an independent body with an ergonomic suspension system of the light module; handle adjustable in increments; -5° to +15° (peak to pole); -15° to +5° (side to boom). Lamp compatible with modern control systems (additional NEMA and ZHAGA connectors).

Standard equipment: protection against accidental overheating of the NTC fitting; overvoltage protection up to 10kV; fully programmable DALI driver; hardened glass.

APPLICATION

Streetlight fitting used in open spaces to lighten: streets, local roads, bicycle paths, alleys, pavements, car parks and squares. Installation and mounting: lateral side entry, post-top mounting. Mounting grip integrated with the fitting.



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Index:	920332
Light source:	LED module
Rated power of the luminaire [W]:	54
Luminous flux [lm]:	8475
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous efficacy [lm/W]:	157
Energy efficiency class:	С
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	> 70
SDCM:	≤ 5
Power factor:	0.99
LED lifespan L90B10 [h]:	100000
Surge protection [kV]:	10
Diffuser material:	toughened glass
Optics:	RM3
Optics material:	PMMA
Material of the body:	powder coated aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	665/262/122
Mounting dimensions [mm]:	ø60

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Impact resistance:		
Ingress protection:	IP66	
Mounting version:	Top, on pole / Side, on boom	
Working temperature [°C]:	from -40 to +50	
Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)	
Lateral surface (SCx) [m2]:	0.028	
Diode PCB material:	Aluminum	
DIMM DALI:	yes	
Control:	Yes + 5-stage power reduction	
Protection type:	NTC + ESD	
Dimensions of single box [mm]:	675/280/165	
Net weight [kg]:	5.200	
ULOR:	0%	
ETIM class:	EC000062	
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)	
Category type:	street lighting	
Category of application:	Street lighting	
Exchangeable source:	yes	
Technical Warranty:	5 with the possibility of extension to 10	
Environmental Product Declaration (EPD):	682/2024	
CE certificate:	448/2023	
Manual:	Download PDF	



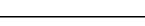
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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
UL00184	mounting grip 78 mm TIARA LED
830UL109	Module CLUE CITY GATEWAY IP67 GSM





wall holder (galvanized) (314049)



wall holder (grey) (314056)



mounting grip 78 mm TIARA LED (UL00184)

Card creation date: 30 October 2024



