

TIARA LED M PRO CLUE SRW 8475LM 740 RM7 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:	I
Colour temperature [K]:	4000
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 lm / 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:	917035	Mounting dimensions [mm]:	ø60
Light source:	LED module	Impact resistance:	IK09
Rated power of the luminaire [W]:	54	Ingress protection:	IP66
Luminous flux [lm]:	8475	Mounting version:	Top, on pole / Side, on boom
Supply voltage [V]:	220 - 240	Working temperature [°C]:	from -40 to +50
Frequency [Hz]:	50 - 60	Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Luminous efficacy [lm/W]:	157	Lateral surface (SCx) [m2]:	0.028
Energy efficiency class:	C	Diode PCB material:	Aluminum
Electrical protection class:	I	DIMM DALI:	yes
Colour temperature [K]:	4000	Control:	Yes + 5-stage power reduction
Colour rendering index:	> 70	Protection type:	NTC + ESD
SDCM:	≤ 5	Net weight [kg]:	5.200
Power factor:	0.97	ULOR:	0%
LED lifespan L90B10 [h]:	100000	ETIM class:	EC000062
Surge protection [kV]:	10	Category type:	street lighting
Diffuser material:	toughened glass	Category of application:	Street lighting
Optics:	RM7	Exchangeable source:	yes
Optics material:	PMMA	Technical Warranty:	5 with the possibility of extension to 10
Material of the body:	powder coated aluminium	Environmental Product Declaration (EPD):	682/2024
Colour of the body:	grey	CE certificate:	448/2023
Dimensions (H/W/T/S) [mm]:	665/262/122	Manual:	Download PDF

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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)