TIARA LED L 15500LM 740 RM3 IP66 II CL. DALI SP10KV (130W)

DETAILED CARD



TECHNICAL PARAMETERS

954719 Index: Ingress protection: IP66 **IK09** Impact resistance: Luminaire rated power Omin [W]: 130 15500 Luminous flux [lm]*: 4000 Colour temperature [K]: SDCM: ≤ 5 > 70 Colour rendering index: **Electrical protection class:**

Material of the body: powder coated aluminium

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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TECHNICAL PARAMETERS TABLE

Light source:	LED module
Rated power of the luminaire [W]:	130
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	15500
Luminous efficacy [lm/W]:	119
Energy efficiency class:	D
Electrical protection class:	II
Colour temperature [K]:	4000
Colour rendering index:	> 70
SDCM:	≤5
Power factor:	0.99
Surge protection [kV]:	10
Diffuser material:	toughened glass
Diffuser type:	transparent
Optics material:	PMMA
Optics:	RM3
Material of the body:	powder coated aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	870/122/262
Mounting dimensions [mm]:	ø60
Impact resistance:	IK09
Ingress protection:	IP66

Working temperature [°C]: Beam angle adjustment [°]: Lateral surface (SCx) [m2]: DIMM DALI: Protection type: NTC Net weight [kg]: Index: 954719 EAN: Category type: Version: Luminaire rated power Omin [W]: DC voltage range [V]: Photobiological safety: Photobiological safety: LED lifespan L90B10 [h]: EC certificate: DC voltage range [V]: ULOR: CE certificate: DC voltage range [V]: DC voltag	Mounting version:	Top, on pole / Side, on boom
Lateral surface (SCx) [m2]: 0.034 DIMM DALI: yes Protection type: NTC Net weight [kg]: 6.500 Index: 954719 EAN: 5905963954719 Category type: street lighting Version: L Luminaire rated power Omin [W]: 130 AC voltage range [V]: 198 - 264 DC voltage range [V]: 186 - 250 Photobiological safety: Risk Group 1 (no photobiological hazard under normal behavioral limitation) LED lifespan L90B10 [h]: 100000 ETIM class: EC000062 ULOR: 0% CE certificate: 66/2020 ENEC Certificate: 0228/ENEC/20/M1 Warranty [years]: 10	Working temperature [°C]:	from -40 to +50
DIMM DALI: Protection type: NTC Net weight [kg]: 6.500 Index: 954719 EAN: 5905963954719 Category type: street lighting Version: Luminaire rated power Omin [W]: 130 AC voltage range [V]: 198 - 264 DC voltage range [V]: Photobiological safety: Risk Group 1 (no photobiological hazard under normal behavioral limitation) LED lifespan L90B10 [h]: 100000 ETIM class: ULOR: 0% CE certificate: 66/2020 ENEC Certificate: 0228/ENEC/20/M1 Warranty [years]:	Beam angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Protection type: NTC Net weight [kg]: 6.500 Index: 954719 EAN: 5905963954719 Street lighting Version: Luminaire rated power Omin [W]: 130 AC voltage range [V]: 198 - 264 DC voltage range [V]: 186 - 250 Risk Group 1 (no photobiological hazard under normal behavioral limitation) LED lifespan L90B10 [h]: 100000 ETIM class: EC000062 ULOR: 0% CE certificate: 66/2020 ENEC Certificate: 9228/ENEC/20/M1 Warranty [years]:	Lateral surface (SCx) [m2]:	0.034
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Index: 954719	Protection type:	NTC
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ENEC Certificate: 0228/ENEC/20/M1 Warranty [years]: 10	ULOR:	0%
Warranty [years]: 10	CE certificate:	66/2020
,	ENEC Certificate:	0228/ENEC/20/M1
Manual: Download PDF	Warranty [years]:	10
	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 (grey) (314056)



mounting grip 78 mm TIARA LED (UL00184)

Card creation date: 03 June 2020

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%

