

TIARA LED L 13750LM 757 RM3 IP66 II CL. DALI SP10KV (108W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	x
Ingress protection:	IP65; IP66
Impact resistance:	IK09
Luminaire rated power P_{min} [W]:	25
Luminous flux [lm]*:	3150 - 27300
Colour temperature [K]:	3000; 4000; 5000; 5700; 6000
SDCM:	≤ 5
Colour rendering index:	> 70; > 80;
Electrical protection class:	I; II
Material of the body:	Aluminium malowane proszkowo

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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Light source:	moduł LED	DIMM DALI:	yes
Rated power of the luminaire [W]:	25	Protection type:	NTC
Supply voltage [V]:	220 - 240	Number on the palette [pcs]:	40
Frequency [Hz]:	50 - 60	Net weight [kg]:	5.150; 5.200; 6.500
Luminous flux [lm]:	3150 - 27300	Index:	x
Energy efficiency class:	A+; C; D; E	EAN:	x
Electrical protection class:	I; II	Category type:	street lighting
Colour temperature [K]:	3000; 4000; 5000; 5700; 6000	Version:	L; M
Colour rendering index:	> 70; > 80;	Luminaire rated power P_{min} [W]:	25
SDCM:	≤ 5	AC voltage range [V]:	198 - 264; 220 - 277; 220-240
Surge protection [kV]:	10	DC voltage range [V]:	186 - 250; 198 - 305
Diffuser material:	szkło hart.	Socket type:	NEMA; ZHAGA
Diffuser type:	transparentny	Photobiological safety:	grupa ryzyka 1 (niskie ryzyko)
Optics material:	PMMA	LED lifespan L90B10 [h]:	100000
Optics:	max matryca soczewkowa	ETIM class:	EC000062
Material of the body:	Aluminium malowane proszkowo	Motion sensor:	yes
Colour of the body:	szary	Phase dimming:	yes
Dimensions (H/W/T/S) [mm]:	665/122/262; 665/262/122; 870/122/262	Autotest:	yes
Mounting dimensions [mm]:	60; 64	Operating mode:	1
Impact resistance:	IK09	Vandalproof:	yes
Ingress protection:	IP65; IP66	ULOR:	0%
Mounting version:	boczny, szczytowy; szczytowy na słupie. boczny na wysięgniku od -40 do + 50; od -40 do +35; od -40 do +50	CE certificate:	66/2020 0064/ENEC+/21; 0225/ENEC/20; 0228/ENEC/20; 0228/ENEC/20/M1
Working temperature [°C]:	od -5 do +15 (szczytowy, na słupie); -15 do +5 (boczny, na wysięgniku); od -5 do +15 (szczytowy. na słupie), -15 do +5 (boczny, na wysięgniku)	ENEC Certificate:	
Beam angle adjustment [°]:		Warranty [years]:	10
Lateral surface (SCx) [m2]:	0.028; 0.030; 0.034	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)