TIARA 2 LED M 2250LM 740 RM7 IP66 II CL. DALI (15W)

DETAILED CARD





TECHNICAL PARAMETERS

Index:	915505
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	15
Luminous flux [lm]*:	2250
Colour temperature [K]:	4000
Colour rendering index:	70
Electrical protection class:	II
Optics:	RM7

CHARACTERISTICS

TIARA 2 LED a new generation of LED road luminaires. It uses directional multilens arrays made of PMMA, with each lens having the same optics, ensuring that the light characteristics remain constant over time. The luminaire's dual-chamber design maintains the integrity of the optical chamber during installation work and the opening of the electrical chamber. As standard, the luminaire offers tool-free access to the electrical fixtures using two independent clips, which, if desired and needed to protect against vandalism or uncontrolled opening, can optionally be permanently secured with screws or a seal. The upper part of the luminaire, has dedicated hinges and a safety cable to prevent falling. Using standard tools, quick and convenient service is possible, allowing replacement of any component without the need to disassemble the entire fixture and make soldered connections. The body and handle made of die-cast aluminum, powder-coated in gray, is characterized by a very high degree of IP66 and IK10 impact resistance. Standard features: ergonomic light module suspension system; NTC luminaire accidental overheating protection; fully programmable DALI driver; available functions for maintaining constant lumen output during CLO and autonomous 5-stage power reduction; filter to prevent condensation; connection terminals; tool-free access. Additional options: NEMA, ZHAGA connectors; interfacing with control systems, RCR motion sensor; anti-vandal protection with screws/seal; additional SP10kV protection outside the power supply, on/off power supply without power reduction function; knife disconnect switch that disconnects voltage if the electrical compartment is opened; design with cable terminated with quick disconnect; painting in any RAL color. Certifications: CE, RoHS, 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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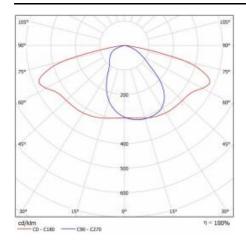
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	915505
EAN:	5905963915505
ETIM class:	EC000062
Category type:	street lighting
Version:	M
Light source:	LED module
Rated power of the luminaire [W]:	15
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	2250
Luminous efficacy [lm/W]:	150
Energy efficiency class:	С
Electrical protection class:	II
Colour temperature [K]:	4000
Colour rendering index:	70
SDCM:	≤ 5
Power factor:	0.93
Surge protection [kV]:	10
Diffuser material:	tempered glass
Diffuser type:	transparent
Optics material:	PMMA
Optics:	RM7
Exchangeable source:	yes
Material of the body:	powder coated aluminium

Colour of the body: Dimensions (H/W/T/S) [mm]: Mounting dimensions [mm]: Mounting dimensions [mm]: Mounting dimensions [mm]: Impact resistance: Ilk10 Impact resistance: Ilk10 Imped person pole / Side, on boom Top, on pole / Side, on boom -30 to +120 (peak); -120 to +30 (side) (side) Lateral surface (SCx) [m2]: Working temperature [°C]: DIMM DALI: Control: Yes + 5-stage power reduction NTC + ESD Vandalproof: Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: O410/ENEC/25; 0141/ENEC+/25 CE certificate: O77/2024		
Mounting dimensions [mm]: Mounting dimensions [mm]: Impact resistance: IK10 Ingress protection: IP66 Mounting version: Top, on pole / Side, on boom -30 to +120 (peak); -120 to +30 (side) Lateral surface (SCx) [m2]: 0.028 Working temperature [°C]: from -40 to +50 DIMM DALI: yes Control: Yes + 5-stage power reduction Protection type: NTC + ESD Vandalproof: yes Net weight [kg]: 5.200 ULOR: 0% Photobiological safety: Photobiological hazard) 5 with the possibility of extension to 10 ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 CE certificate: 07/2024	Colour of the body:	grey
Impact resistance: Ingress protection: Ingress protection: Mounting version: Top, on pole / Side, on boom -30 to +120 (peak); -120 to +30 (side) (side) Lateral surface (SCx) [m2]: Working temperature [°C]: DIMM DALI: yes Control: Yes + 5-stage power reduction Protection type: Vandalproof: Net weight [kg]: ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 CE certificate: 07/2024	Dimensions (H/W/T/S) [mm]:	597/265/105
Ingress protection: Mounting version: Top, on pole / Side, on boom -30 to +120 (peak); -120 to +30 (side) Lateral surface (SCx) [m2]: Working temperature [°C]: DIMM DALI: Control: Yes + 5-stage power reduction Protection type: Vandalproof: Net weight [kg]: Divide the protection of the photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: 07/2024	Mounting dimensions [mm]:	ø60
Mounting version: Top, on pole / Side, on boom -30 to +120 (peak); -120 to +30 (side) Lateral surface (SCx) [m2]: Working temperature [°C]: DIMM DALI: Control: Yes + 5-stage power reduction Protection type: Vandalproof: Net weight [kg]: ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 CE certificate: 07/2024	Impact resistance:	IK10
Tilt angle adjustment [*]: Lateral surface (SCx) [m2]: Working temperature [*C]: DIMM DALI: Control: Protection type: Vandalproof: Net weight [kg]: ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: C30 to +120 (peak); -120 to +30 (side) From -40 to +50 yes From -40 to +50 Yes + 5-stage power reduction NTC + ESD Vandalproof: yes 5.200 0% RG0 - exempt (no photobiological hazard) 5 with the possibility of extension to 10 ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 CE certificate:	Ingress protection:	IP66
Lateral surface (SCx) [m2]: Working temperature [°C]: DIMM DALI: Control: Protection type: Vandalproof: Net weight [kg]: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: Ciside) 0.028 from -40 to +50 yes Yes + 5-stage power reduction NTC + ESD yes 5.200 ULOR: RG0 - exempt (no photobiological hazard) 5 with the possibility of extension to 10 ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 CE certificate: 07/2024	Mounting version:	Top, on pole / Side, on boom
Working temperature [°C]: DIMM DALI: yes Control: Yes + 5-stage power reduction Protection type: Vandalproof: Net weight [kg]: ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: O7/2024 from -40 to +50 yes NTC + ESD NTC + ESD Vandalproof: yes 5.200 0% RG0 - exempt (no photobiological hazard) 5 with the possibility of extension to 10 O410/ENEC/25; 0141/ENEC+/25	Tilt angle adjustment [°]:	
DIMM DALI: Control: Yes + 5-stage power reduction Protection type: NTC + ESD Vandalproof: yes Net weight [kg]: 5.200 ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 CE certificate: 07/2024	Lateral surface (SCx) [m2]:	0.028
Control: Protection type: NTC + ESD Vandalproof: yes Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: Yes + 5-stage power reduction NTC + ESD yes 5.200 RG0 - exempt (no photobiological hazard) 5 with the possibility of extension to 10 0410/ENEC/25; 0141/ENEC+/25	Working temperature [°C]:	from -40 to +50
Protection type: Vandalproof: yes Net weight [kg]: ULOR: Photobiological safety: Photobiological warranty: Technical Warranty: ENEC Certificate: 07/2024	DIMM DALI:	yes
Vandalproof: Net weight [kg]: 5.200 ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: 9 yes 5.200 RG0 - exempt (no photobiological hazard) 5 with the possibility of extension to 10 0410/ENEC/25; 0141/ENEC+/25	Control:	Yes + 5-stage power reduction
Net weight [kg]: ULOR: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: 5.200 RG0 - exempt (no photobiological hazard) 5 with the possibility of extension to 10 0410/ENEC/25; 0141/ENEC+/25 07/2024	Protection type:	NTC + ESD
ULOR: Photobiological safety: Photobiological safety: Technical Warranty: ENEC Certificate: CE certificate: 0% RG0 - exempt (no photobiological hazard) 5 with the possibility of extension to 10 ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 07/2024	Vandalproof:	yes
Photobiological safety: RG0 - exempt (no photobiological hazard) 5 with the possibility of extension to 10 ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 CE certificate: 07/2024	Net weight [kg]:	5.200
Photobiological safety: photobiological hazard) 5 with the possibility of extension to 10 ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 07/2024	ULOR:	0%
Technical Warranty: 5 with the possibility of extension to 10 ENEC Certificate: 0410/ENEC/25; 0141/ENEC+/25 07/2024	Photobiological safety:	
CE certificate: 07/2024	Technical Warranty:	5 with the possibility of
<u></u>	ENEC Certificate:	0410/ENEC/25; 0141/ENEC+/25
	CE certificate:	07/2024
Zhaga-D4i: <u>ZG407120042023</u>	Zhaga-D4i:	ZG407120042023
Environmental Product Declaration (EPD): 682/2024	Environmental Product Declaration (EPD):	682/2024
Manual: Download PDF	Manual:	Download PDF
150 11 100000	LED lifespan L95B10 [h]:	100000

LIGHT CURVES





TIARA 2 LED M 2250LM 740 RM7 IP66 II CL. DALI (15W)

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
UL01350	Handle fi 76mm for Tiara 2 LED M and Tiara 2 LED S
UL00960	Backshield L (left) Tiara 2 LED M
UL00959	Backshield P (right) Tiara 2 LED M
UL00958	Backshield T (back) Tiara 2 LED M RAL9006 (MOQ 80szt.)







wall holder (grey) (314056)



Backshield L (left) Tiara 2 LED M (UL00960)



Backshield P (right) Tiara 2 LED M (UL00959)



Backshield T (back) Tiara 2 LED M RAL9006 (MOQ 80szt.) (UL00958)

Card creation date: 26 March 2025

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%

