TIARA 2 LED M 14225LM 740 RM7 IP66 II CL. DALI (98W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	988219
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	98
Luminous flux [lm]*:	14225
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.



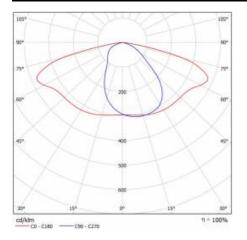
TIARA 2 LED M 14225LM 740 RM7 IP66 II CL. DALI (98W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:988219Colour of the body:greyEAN:5905963988219Dimensions (H/W/T/S) [mm]:597/265/105ETIM class:EC000062Mounting dimensions [mm]:060Category type:street lightingImpact resistance:IK10Version:MIngress protection:IP66Light source:LED moduleMounting version:Top, on pole / Side, on bodyRated power of the luminaire [W]:98Tilt angle adjustment ["]:-30 to +120 (peak); -120 to (side)Supply voltage [V]:220 - 240Lateral surface (SCx) [m2]:0.028Frequency [Hz]:50 - 60Working temperature ["C]:from -40 to +50Luminous fficary [Im/W]:1425DIMM DALL:yesLuminous fficiency class:CYes + 5-stage power reductFrequency [Hz]:145Control:Yes + 5-stage power reductLuminous fficary [Im/W]:IIYes + 5-stage power reductFereigre fficiency class:IIYandalproof:yes
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Category type:street lightingImpact resistance:IK10Version:MIngress protection:IP66Light source:LED moduleMounting version:Top, on pole / Side, on box (side)Rated power of the luminaire [W]:98Tilt angle adjustment [°]:-30 to +120 (peak); -120 to resistance)Supply voltage [V]:220 - 240Lateral surface (SCx) [m2]:0.028Frequency [Hz]:50 - 60Working temperature [°C]:from -40 to +50Luminous flux [Im]:14225DIMM DALL:yesLuminous efficacy [Im/W]:145Control:Yes + 5-stage power reductEnergy efficiency class:CProtection type:NTC + ESDIIIIVandalproof:yes
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Frequency [Hz]: 50 - 60 Working temperature [°C]: from -40 to +50 Luminous flux [Im]: 14225 DIMM DALI: yes Luminous efficacy [Im/W]: 145 Control: Yes + 5-stage power reduct Energy efficiency class: C Protection type: NTC + ESD Electrical protection class: II Vandalproof: yes
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Energy efficiency class: C Protection type: NTC + ESD Electrical protection class: II Vandalproof: yes
Electrical protection class: II Vandalproof: yes
Vandalproot: yes
Colour temperature [K]: 4000 Net weight [kg]: 5.200
Colour rendering index: 70 ULOR: 0%
SDCM: ≤ 5 Photobiological safety: RG0 - exempt (no photobiological hazard) Power factor: 0.96 Photobiological safety: photobiological hazard)
Surge protection [kV]: 10 Technical Warranty: 5 with the possibility of extension to 10
Diffuser material: tempered glass ENEC Certificate: 0410/ENEC/25; 0141/ENEC
Diffuser type: transparent CE certificate: 07/2024
Optics material: PMMA Zhaga-D4i: ZG407120042023
Optics: RM7 Environmental Product Declaration (EPD): 682/2024
Exchangeable source: yes Manual: Download PDF
Material of the body: powder coated aluminium LED lifespan L95B10 [h]: 100000

LIGHT CURVES





TIARA 2 LED M 14225LM 740 RM7 IP66 II CL. DALI (98W)

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.)







Certificate CE - Nr: 07/2024



wall holder (galvanized) (314049)

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: 03 June 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%

This product is a subject to electric and electronic waste equipment regulations (WEEE).

