### TIARA 2 LED M 4750LM 740 RM7 IP66 II CL. DALI (30W)

DETAILED CARD



### **TECHNICAL PARAMETERS**

Index:	988042
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	30
Luminous flux [lm]*:	4750
Colour temperature [K]: 4000	
Colour rendering index:	70
Electrical protection class:	Ш
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.



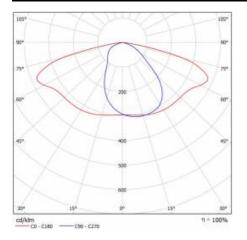
## TIARA 2 LED M 4750LM 740 RM7 IP66 II CL. DALI (30W)

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### **TECHNICAL PARAMETERS TABLE**

Index:     988042     Colour of the body:     grey       EAN:     5905963988042     Dimensions (H/W/T/S) [mm]:     597/265/105       ETIM class:     EC000062     Mounting dimensions [mm]:     ø60       Category type:     street lighting     Impact resistance:     IK10       Version:     M     Ingress protection:     IP66	
ETIM class:EC000062Mounting dimensions [mm]:ø60Category type:street lightingImpact resistance:IK10	
Category type: street lighting Impact resistance: IK10	
Version: M Ingress protection: IP66	
Light source:     LED module     Mounting version:     Top, on pole / Side	, on boom
Rated power of the luminaire [W]: 30 Tilt angle adjustment [°]: -30 to +120 (peak); (side)	-120 to +30
Supply voltage [V]:     220 - 240     Lateral surface (SCx) [m2]:     0.028	
Frequency [Hz]:     50 - 60     Working temperature [°C]:     from -40 to +50	
Luminous flux [Im]: 4750 DIMM DALI: yes	
Luminous efficacy [Im/W]:     158     Control:     Yes + 5-stage pow	er reduction
Energy efficiency class: B Protection type: NTC + ESD	
Electrical protection class: II Vandalproof: yes	
Colour temperature [K]:     4000     Net weight [kg]:     5.200	
Colour rendering index: 70 ULOR: 0%	
SDCM: ≤ 5 Photobiological safety: RG0 - exempt (no photobiological had be constructed in the constructed in	zard)
Surge protection [kV]: 10 Technical Warranty: 5 with the possibilitiextension to 10	ty of
Diffuser material:     tempered glass     ENEC Certificate:     0410/ENEC/25; 01-	11/ENEC+/25
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





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### 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%

X



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

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