TIARA 2 LED S 10375LM 740 RM8+ IP66 II CL. DALI (74W)

DETAILED CARD





TECHNICAL PARAMETERS

Electrical protection class:

Optics:

Index:	988943/S6B
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	74
Luminous flux [lm]*:	10375
Colour temperature [K]:	4000
Colour rendering index:	> 70

RM8+

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, 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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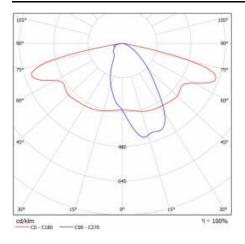
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	000043/55B
	988943/S6B
Rated power of the luminaire [W]:	74
Luminous flux [lm]:	10375
ETIM class:	EC000062
Luminous efficacy [lm/W]:	140
Category type:	street lighting
Energy efficiency class:	С
Colour temperature [K]:	4000
Version:	S
Colour rendering index:	> 70
Light source:	LED module
Electrical protection class:	II
Optics:	RM8+
Supply voltage [V]:	220 - 240
DIMM DALI:	yes
Frequency [Hz]:	50 - 60
SDCM:	≤ 5
Surge protection [kV]:	10
Diffuser material:	toughened glass
Diffuser type:	transparent
Optics material:	PMMA
Exchangeable source:	yes
Material of the body:	powder coated aluminium

Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	424/251/105
Mounting dimensions [mm]:	ø60
Impact resistance:	IK10
Ingress protection:	IP66
Mounting version:	Top, on pole / Side, on boom
Tilt angle adjustment [°]:	-30° to +120° (peak); -120° to +30° (side)
Lateral surface (SCx) [m2]:	0.021
Working temperature [°C]:	from -40 to +50
Control:	Yes + 5-stage power reduction
Protection type:	NTC + ESD
Vandalproof:	yes
Net weight [kg]:	4.280
ULOR:	0%
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Technical Warranty:	5 with the possibility of extension to 10
ENEC Certificate:	0410/ENEC/25; 0141/ENEC+/25
CE certificate:	
Zhaga-D4i:	ZG407220042023
Environmental Product Declaration (EPD):	682/2024
Manual:	Download PDF
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





wall holder (galvanized) (314049)

wall holder (grey) (314056)

