TIARA 2 LED S 4375LM 740 RM7 IP66 I CL. DALI NEMA (33W)

DETAILED CARD





TECHNICAL PARAMETERS

Index:	916212
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	33
Luminous flux [lm]*:	4375
Colour temperature [K]:	4000
Colour rendering index:	> 70
Electrical protection class:	1
Optics:	RM7
Socket type:	NEMA

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 IKO9 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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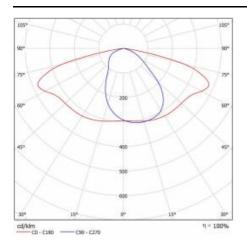
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	916212
Rated power of the luminaire [W]:	33
EAN:	5905963916212
Luminous flux [lm]:	4375
ETIM class:	EC000062
Luminous efficacy [lm/W]:	133
Category type:	street lighting
Energy efficiency class:	D
Colour temperature [K]:	4000
Version:	S NEMA
Colour rendering index:	> 70
Light source:	LED module
Electrical protection class:	1
Optics:	RM7
Supply voltage [V]:	220 - 240
DIMM DALI:	1
Frequency [Hz]:	50 - 60
SDCM:	≤ 5
Surge protection [kV]:	10
Diffuser material:	toughened glass
Diffuser type:	transparent
Optics material:	PMMA
Exchangeable source:	1
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:	IK09
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]:	0.023
Working temperature [°C]:	from -40 to +50
LED lifespan L90B10 [h]:	100000
Sockets:	1
Socket type:	NEMA
Control:	Yes + 5-stage power reduction
Protection type:	NTC
Vandalproof:	1
Net weight [kg]:	4.280
ULOR:	0%
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Technical Warranty:	5 with the possibility of extension to 10
Environmental Product Declaration (EPD):	682/2024
ENEC Certificate:	0355/ENEC/24/M1/A1; 0119/ENEC+/24/M1/A1
CE certificate:	64/2023
Zhaga-D4i:	ZG407220042023
Manual:	Download PDF

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)