TIARA 2 LED XS 1800LM 740 RM7 IP66 II CL. DALI (12W)

DETAILED CARD





TECHNICAL PARAMETERS

694219 Index:

Ingress protection: IP66

IK09 Impact resistance:

Rated power of the luminaire [W]*:

Luminous flux [lm]*: 1800

Colour temperature [K]: 4000

> 70 Colour rendering index:

Electrical protection class:

RM7 Optics:

Yes + 5-stage power Control:

reduction

CHARACTERISTICS

TIARA 2 LED XS - a new generation of LED road luminaires. It uses directional multi-lens matrices made of PMMA, each lens of which has the same optics, ensuring that the light characteristics remain unchanged over time. The two-chamber structure of the luminaire maintains the tightness of the optical chamber during assembly work and when opening the electrical chamber. As standard, the fixture offers tool-free access to the electrical equipment using a knob which, upon request and the need to protect against vandalism or uncontrolled opening, can optionally be permanently secured with a screw or seal. The upper part of the luminaire has dedicated hinges and a rope protecting against falling. Using standard tools, quick and convenient service is possible, allowing the replacement of any component without the need to dismantle the entire fixture and perform soldered connections. The body and handle are made of die-cast aluminum, powder-coated gray, characterized by a very high degree of tightness IP66 and resistance to mechanical impacts IK09

Standard equipment; ergonomic light module suspension system; protection against accidental overheating of the NTC fixture; fully programmable 2 DIM driver, available functions of maintaining a constant light flux during CLO and autonomous, 5-step power reduction; filter preventing water vapor condensation; connection terminals; tool-free access.

Additional options: NEMA, ZHAGA connectors: cooperation with control systems. RCR motion sensor; anti-vandal protection with screws/seals; additional SP10kV protection apart from the power supply, on/off power supply without power reduction function; knife switch disconnecting the voltage when the electrical compartment is opened; version with a cable terminated with a quick connector; painting in any color from the RAL palette. Certificates: CE, RoHS, ENEC, ENEC+, Zhaga D4i, Zhaga Book 13, Zhaga Book 15.

APPLICATION

Thanks to the use of dedicated optics, it is possible to illuminate facilities such as: expressways, national roads, provincial roads, district roads, municipal roads, city roads, housing estate roads, and area lighting. Optics are also available to illuminate pedestrian crossings, sidewalks and bicycle paths.



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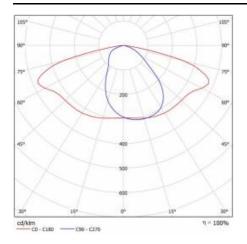
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	694219
Rated power of the luminaire [W]:	12
EAN:	5905963694219
Luminous flux [lm]:	1800
ETIM class:	EC000062
Luminous efficacy [lm/W]:	150
Category type:	street lighting
Energy efficiency class:	С
Colour temperature [K]:	4000
Version:	XS
Colour rendering index:	> 70
Light source:	LED module
Electrical protection class:	Ш
Optics:	RM7
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
SDCM:	≤ 4
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]:	424/170/105
Mounting dimensions [mm]:	ø60
Impact resistance:	IK09
Ingress protection:	IP66
Mounting version:	Top, on pole / Side, on boom
Tilt angle adjustment [°]:	-30° do +120° (szczytowy), -120° do +30° (boczny)
Lateral surface (SCx) [m2]:	0.021
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]:	3.410
ULOR:	0%
Photobiological safety:	RG0 - exempt (no photobiological hazard) 5 with the possibility of
Technical Warranty:	extension to 10
ENEC Certificate:	0356/ENEC/24/M1/A1; 0120/ENEC+/24/M1/A1
CE certificate:	43/2024
Zhaga-D4i:	ZG430708072024
Environmental Product Declaration (EPD):	682/2024
Manual:	Download PDF
LED lifespan L95B10 [h]:	100000

LIGHT CURVES



Card creation date: 13 January 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%

