TIARA 2 LED XS 2775LM 740 RM7 IP66 II CL. 2DIM (18W)

DETAILED CARD





TECHNICAL PARAMETERS

Index:	584060
index.	
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	2775
Colour temperature [K]:	4000
Colour rendering index:	> 70
Electrical protection class:	II
Optics:	RM7
Control:	Yes + 5-stage power 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 twochamber 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 IKO9.

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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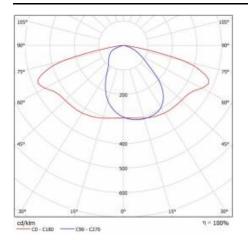
TECHNICAL PARAMETERS TABLE

Index:	584060	Impact resistance:	IK09
Rated power of the luminaire [W]:	18	Ingress protection:	IP66
EAN:	5905963584060	Mounting version:	Top, on pole / Side, on boom
Luminous flux [Im]:	2775	Tilt angle adjustment [°]:	-30° do +120° (szczytowy), -120° do +30° (boczny)
Category type:	street lighting	Lateral surface (SCx) [m2]:	0.021
Luminous efficacy [Im/W]:	154	Working temperature [°C]:	from -40 to +50
Light source:	LED module	LED lifespan L90B10 [h]:	100000
Energy efficiency class:	с	Control:	Yes + 5-stage power reduction
Colour temperature [K]:	4000	Protection type:	NTC
Supply voltage [V]:	220 - 240	Net weight [kg]:	3.410
Colour rendering index:	> 70	Version:	xs
Frequency [Hz]:	50 - 60	ETIM class:	EC000062
Electrical protection class:	Ш	Power factor:	0.96
Optics:	RM7	Surge protection [kV]:	10
SDCM:	≤ 4	DIMM 1-10V:	1
Diffuser material:	toughened glass	ULOR:	0%
Diffuser type: Optics material:	transparent PMMA	Photobiological safety:	RGO - exempt (no photobiological hazard)
Exchangeable source:	1	Technical Warranty:	5 with the possibility of extension to 10
Material of the body:	powder coated aluminium	Environmental Product Declaration (EPD):	682/2024
Colour of the body:	grey	CE certificate:	<u>43/2024</u>
Dimensions (H/W/T/S) [mm]:	424/170/105	ENEC Certificate:	0356/ENEC/24/M1/A1; 0120/ENEC+/24/M1/A1
Mounting dimensions [mm]:	ø60	Zhaga-D4i:	ZG430708072024

Manual:

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LIGHT CURVES



Card creation date: 06 November 2024

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%

Certificate CE - Nr: 43/2024

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

