TIARA LED M PRO 14950LM 740 RM3 IP66 I CL. DALI (110W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	955570
Ingress protection:	IP66
Impact resistance:	IK09
Luminaire rated power 0min [W]:	110
Luminous flux [lm]*:	14950
Colour temperature [K]:	4000
SDCM:	≤ 5
Colour rendering index:	> 70
Electrical protection class:	I
Material of the body:	powder coated aluminium

CHARACTERISTICS

TIARA LED PRO a family of LED road luminaires based on a proven form factor. It uses directional multi-lens matrices, made of PMMA, with each lens having the same optics, ensuring that the luminous characteristics remain constant over time. Components from renowned manufacturers and new LED panels contribute to the very high luminous efficacy achieved at the output of the luminaire - reaching 170 lm/W. The two-chamber construction of the luminaire maintains the tightness of the optical chamber during assembly work and allows tool-free access to the electrical equipment chamber. The upper part of the luminaire, has dedicated hinges and a safety cord. Using standard tools, quick and convenient servicing is possible, allowing the replacement of any component without having to dismantle the entire luminaire and make soldered connections. The body and handle are made of die-cast aluminium, powder-coated grey, and have a very high IP66 protection rating and IK09 mechanical impact resistance. Standard features: ergonomic light module suspension system; fully programmable DALI driver; CLO constant lumen maintenance and autonomous 5-stage power reduction functions available; NTC overheating protection; filter to prevent condensation; connection terminals; tool-free access. Additional options: NEMA, ZHAGA connectors; interfacing with control systems, RCR motion sensor; additional SP10kV protection outside the power supply, on/off power supply without power reduction function; knife disconnector to disconnect voltage if the electrical compartment is opened; design with cable terminated with quick disconnect; painting in any RAL colour. Certifications: CE, RoHS, ENEC, ENEC+, Zhaga D4i.

APPLICATION

Thanks to the use of dedicated optics, it is possible to illuminate objects such as: motorways, motorways, national roads, voivodeships, districts, communes, municipalities, housing estates, area lighting. Optics are also available to illuminate: pedestrian crossings, pavements and cycle paths.

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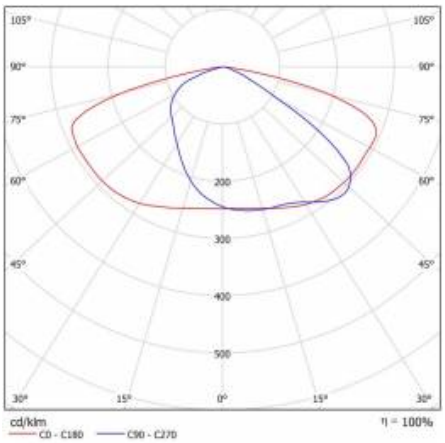
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Light source:	LED module
Rated power of the luminaire [W]:	110
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	14950
Luminous efficacy [lm/W]:	136
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	4000
Colour rendering index:	> 70
SDCM:	≤ 5
Power factor:	0.98
Surge protection [kV]:	10
Diffuser material:	toughened glass
Diffuser type:	transparent
Optics material:	PMMA
Optics:	RM3
Material of the body:	powder coated aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	665/262/122
Mounting dimensions [mm]:	ø60
Impact resistance:	IK09
Ingress protection:	IP66

Mounting version:	Top, on pole / Side, on boom
Working temperature [°C]:	from -40 to +50
Beam angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Lateral surface (SCx) [m2]:	0.028
DIMM DALI:	yes
Protection type:	NTC
Net weight [kg]:	5.200
Index:	955570
EAN:	5905963955570
Category type:	street lighting
Version:	M
Luminaire rated power 0min [W]:	110
AC voltage range [V]:	198 - 264
DC voltage range [V]:	186 - 250
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
LED lifespan L90B10 [h]:	100000
ETIM class:	EC000062
ULOR:	0%
CE certificate:	66/2020
ENEC Certificate:	0228/ENEC/20/M1. 0065/ENEC+/21/M1
Warranty [years]:	10
Manual:	Download PDF

LIGHT CURVES

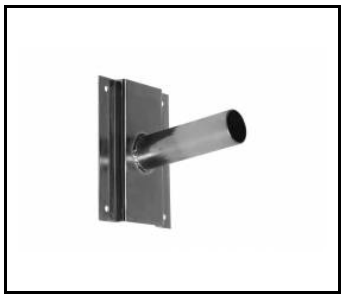


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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
UL00184	mounting grip 78 mm TIARA LED



wall holder (galvanized) (314049)



wall holder (grey) (314056)



mounting grip 78 mm TIARA LED (UL00184)

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%

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

Certificate CE - Nr: 66/2020

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