

TIARA LED L PRO 30250LM 740 RM7HE IP66 I CL. DALI ZG SP10KV IK09 (170W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	814068
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	170
Luminous flux [lm]*:	30250
Colour temperature [K]:	4000
Colour rendering index:	> 70
Electrical protection class:	I
Optics:	RM7HE
Socket type:	ZHAGA

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 disconnect 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.

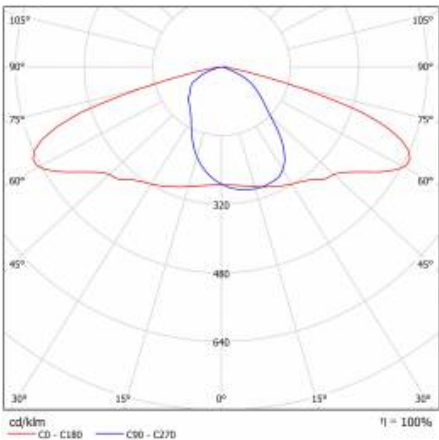
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TECHNICAL PARAMETERS TABLE

Index:	814068	Mounting dimensions [mm]:	ø60
EAN:	5905963814068	Impact resistance:	IK09
ETIM class:	EC000062	Ingress protection:	IP66
Category type:	street lighting	Mounting version:	Top, on pole / Side, on boom
Product line:	HE	Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Version:	L ZHAGA	Lateral surface (SCx) [m2]:	0.036
Light source:	LED module	Working temperature [°C]:	from -40 to +50
Rated power of the luminaire [W]:	170	DIMM DALI:	yes
Supply voltage [V]:	220 - 240	Socket type:	ZHAGA
Frequency [Hz]:	50 - 60	Sockets:	1
Luminous flux [lm]:	30250	Control:	Yes + 5-stage power reduction
Luminous efficacy [lm/W]:	178	Protection type:	NTC + ESD + SP10kV/10kA
Energy efficiency class:	B	Net weight [kg]:	6.600
Electrical protection class:	I	ULOR:	0%
Colour temperature [K]:	4000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour rendering index:	> 70	Warranty [years]:	10
SDCM:	≤ 4	ENEC Certificate:	0356/ENEC/24/M1/A1; 0120/ENEC+/24/M1/A1
Power factor:	0.97	CE certificate:	95/2023
Surge protection [kV]:	10	Zhaga-D4i:	ZG407420042023
Diffuser material:	toughened glass	Environmental Product Declaration (EPD):	682/2024
Diffuser type:	transparent	Manual:	Manual
Optics material:	PMMA + PC		
Optics:	RM7HE		
Exchangeable source:	yes		
Material of the body:	powder coated aluminium		
Colour of the body:	grey		
Dimensions (H/W/T/S) [mm]:	870/122/262		

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)

Card creation date: 18 April 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%

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

 Certificate CE - Nr: 95/2023