

TIARA LED M PRO 10375LM 740 PP1 IP66 I KL. ON-OFF SP10KV (76W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	955549/WS
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	76
Luminous flux [lm]*:	10375
Colour temperature [K]:	4000
SDCM:	≤ 5
Colour rendering index:	> 70
Electrical protection class:	I
Energy efficiency class:	C

CHARACTERISTICS

TIARA LED PRO is a new generation of road luminaires dedicated to LED technology. Designed from scratch, it introduces new solutions to improve light distribution and temperature balance, thus introducing new standards in road lighting. The luminaire uses directional lenticular matrices. Components of renowned manufacturers and new LED they have an effect on very high luminous efficiency - close to 160 lm / W. The luminaire uses a solution that integrates the diffuser with the LED panel. The body and the grip are made of die cast aluminum. The whole has been powder coated in gray (RAL9006). The luminaire design allows for tool-free access to the electrical equipment compartment. The luminaire is characterized by a very high degree of protection IP66 and resistance to mechanical impacts IK09 (vandal resistance). The fitting has many improvements to facilitate and accelerate assembly: an independent body with an ergonomic suspension system of the light module; handle adjustable in increments: -5° to +15° (peak to pole); -15° to +5° (side to boom). Lamp compatible with modern control systems (additional NEMA and ZHAGA connectors). Standard equipment: protection against accidental overheating - NTC; overvoltage protection up to 10kV; fully programmable DALI driver; hardened glass.

APPLICATION

Streetlight fitting used in open spaces to lighten: streets, local roads, bicycle paths, alleys, pavements, car parks and squares. Installation and mounting: lateral side entry, post-top mounting. Mounting grip integrated with the fitting.

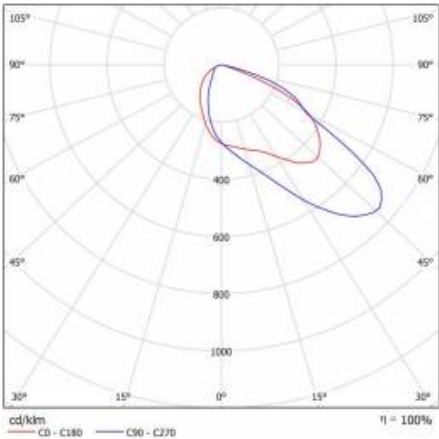
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TECHNICAL PARAMETERS TABLE

Index:	955549/WS	Lateral surface (SCx) [m2]:	0.028
Light source:	LED module	Switch:	yes
Rated power of the luminaire [W]:	76	Protection type:	NTC
Supply voltage [V]:	230	Number on the palette [pcs]:	40
Frequency [Hz]:	50 - 60	Gross weight of the luminaire [kg]:	5.200
Luminous flux [lm]:	10375	Category type:	street lighting
Luminous efficacy [lm/W]:	137	Version:	M
Energy efficiency class:	C	LED lifespan L90B10 [h]:	100000
Electrical protection class:	I	ETIM class:	EC000062
Colour temperature [K]:	4000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour rendering index:	> 70	Warranty [years]:	5 with the possibility of extension to 10. Ask for details at hello@lenalighting.pl
SDCM:	≤ 5	Power factor with 50% reduction:	0
Power factor:	0.98	ULOR:	0%
Surge protection [kV]:	10	ENEC Certificate:	0064/ENEC+/21
Diffuser material:	tempered glass	CE certificate:	66/2020
Diffuser type:	transparent	Manual:	Manual
Optics material:	PMMA		
Optics:	Pedestrian crossing, right side		
Material of the body:	powder coated aluminium		
Colour of the body:	grey		
Dimensions (H/W/T/S) [mm]:	665/262/122		
Mounting dimensions [mm]:	64		
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 to pole); -5 to +15 (side to boom)		

LIGHT CURVES



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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)