

TIARA LED

LED GO!



220-240 V | LED |  |  | IP66 | IK09

TECHNICAL PARAMETERS

Ingress protection:	IP66;
Impact resistance:	IK09;
Luminaire rated power P_{min} [W]:	18.00 - 228.00
Luminous flux [lm]*:	2000 - 28950
Colour temperature [K]:	3000; 5700; 4000;
SDCM:	≤ 3;
Colour rendering index:	>70;
Electrical protection class:	II; I;
Energy efficiency class:	A+;
Material of the body:	powder coated aluminium;
Colour of the body:	grey;
Diffuser material:	glass;
Diffuser type:	transparent;
Optics material:	PMMA;
Optics:	matrix lens;
Mounting version:	side, top;
Dimensions [mm]:	665/122/262; 870/122/262;
CE certificate:	50/2019;

*Tolerance +/- 10%

CHARACTERISTICS

TIARA LED 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 made of PMMA or PC, thanks to which it is possible to obtain a light distribution meeting the lighting classes defined in the PN-EN 13201: 2007 standard. Components of renowned manufacturers and new LED GO! they have an effect on very high luminous efficiency - close to 130 lm / W. The luminaire uses a solution that integrates the diffuser with the LED panel. The body and the handle are made of a pressure 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. Lamp compatible with modern control systems (additional NEMA and ZHAGA connectors).

Standard equipment:

- protection against accidental overheating of the NTC fitting;
- 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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AVAILABLE TYPES

[Click >> index, to see details](#)

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Luminaire rated power P _{min} [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	Version	Dimensions [mm]	Electrical protection class	Energy efficiency class	Rated power of the luminaire [W]*	Index
18	3000	2000	RM3	M	665/122/262	II	A+	18	>> 955211
18	4000	2450	RM3	M	665/122/262	I	A+	18	>> 955495
18	4000	2450	RM3	M	665/122/262	II	A+	18	>> 954580
18	5700	2450	RM3	M	665/122/262	II	A+	18	>> 955716
26	3000	2800	RM3	M	665/122/262	II	A+	26	>> 955228
26	4000	3350	RM3	M	665/122/262	I	A+	26	>> 955501
26	4000	3400	RM3	M	665/122/262	II	A+	26	>> 954597
26	5700	3400	RM3	M	665/122/262	II	A+	26	>> 955723
36	3000	4000	RM3	M	665/122/262	II	A+	36	>> 955235
36	4000	4900	RM3	M	665/122/262	I	A+	36	>> 955525
36	4000	4900	RM3	M	665/122/262	II	A+	36	>> 954610
36	5700	4900	RM3	M	665/122/262	II	A+	36	>> 955747
37	3000	3850	RM3	M	665/122/262	II	A+	37	>> 954221
37	4000	4350	RM3	M	665/122/262	I	A+	37	>> 955518
37	4000	4350	RM3	M	665/122/262	II	A+	37	>> 954603
37	5700	4350	RM3	M	665/122/262	II	A+	37	>> 955730
37	5700	4350	PP1	M	665/122/262	II	A+	37	>> 954306
52	3000	5600	RM3	M	665/122/262	II	A+	52	>> 955242
52	4000	6600	RM3	M	665/122/262	I	A+	52	>> 955532
52	4000	6600	RM3	M	665/122/262	II	A+	52	>> 954627
52	5700	6600	RM3	M	665/122/262	II	A+	52	>> 955754
54	3000	5950	RM3	M	665/122/262	II	A+	54	>> 955259
54	4000	7300	RM3	M	665/122/262	I	A+	54	>> 955556
54	4000	7300	RM3	M	665/122/262	II	A+	54	>> 954641
54	5700	7300	RM3	M	665/122/262	II	A+	54	>> 955778
72	3000	7950	RM3	M	665/122/262	II	A+	72	>> 955273
72	4000	9750	RM3	M	665/122/262	I	A+	72	>> 955587
72	4000	9750	RM3	M	665/122/262	II	A+	72	>> 954672
72	5700	9750	RM3	M	665/122/262	II	A+	72	>> 955808
76	3000	7700	RM3	M	665/122/262	II	A+	76	>> 954238
76	4000	8950	RM3	M	665/122/262	I	A+	76	>> 955549
76	4000	8950	RM3	M	665/122/262	II	A+	76	>> 954634
76	5700	8950	RM3	M	665/122/262	II	A+	76	>> 955761
78	3000	8350	RM3	M	665/122/262	II	A+	78	>> 955266
78	4000	9850	RM3	M	665/122/262	I	A+	78	>> 955563
78	4000	9850	RM3	M	665/122/262	II	A+	78	>> 954658
78	5700	9850	RM3	M	665/122/262	II	A+	78	>> 955785
90	3000	9900	RM3	L	870/122/262	II	A+	90	>> 955297
90	4000	12100	RM3	L	870/122/262	I	A+	90	>> 955617
90	4000	12100	RM3	L	870/122/262	II	A+	90	>> 954702
90	5700	12100	RM3	L	870/122/262	II	A+	90	>> 955839
100	3000	11150	RM3	M	665/122/262	II	A+	100	>> 955280
100	4000	12700	RM3	M	665/122/262	I	A+	100	>> 955594
100	4000	12700	RM3	M	665/122/262	II	A+	100	>> 954689
100	5700	12700	RM3	M	665/122/262	II	A+	100	>> 955815
108	3000	11950	RM3	L	870/122/262	II	A+	108	>> 955310
108	4000	14600	RM3	L	870/122/262	I	A+	108	>> 955648
108	4000	14600	RM3	L	870/122/262	II	A+	108	>> 954733

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Luminaire rated power P _{omin} [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	Version	Dimensions [mm]	Electrical protection class	Energy efficiency class	Rated power of the luminaire [W]*	Index
108	5700	14600	RM3	L	870/122/262	II	A+	108	>> 955860
110	3000	11550	RM3	M	665/122/262	II	A+	110	>> 954245
110	4000	12900	RM3	M	665/122/262	I	A+	110	>> 955570
110	4000	12900	RM3	M	665/122/262	II	A+	110	>> 954665
110	5700	12900	RM3	M	665/122/262	II	A+	110	>> 955792
125	3000	13850	RM3	L	870/122/262	II	A+	125	>> 955334
125	4000	16900	RM3	L	870/122/262	I	A+	125	>> 955679
125	4000	16900	RM3	L	870/122/262	II	A+	125	>> 954764
125	5700	16900	RM3	L	870/122/262	II	A+	125	>> 955891
130	3000	13900	RM3	L	870/122/262	II	A+	130	>> 955303
130	4000	16450	RM3	L	870/122/262	I	A+	130	>> 955624
130	4000	16450	RM3	L	870/122/262	II	A+	130	>> 954719
130	5700	16450	RM3	L	870/122/262	II	A+	130	>> 955846
140	3000	15400	RM3	L	870/122/262	II	A+	140	>> 954252
140	4000	16750	RM3	L	870/122/262	I	A+	140	>> 955600
140	4000	16850	RM3	L	870/122/262	II	A+	140	>> 954696
140	5700	16850	RM3	L	870/122/262	II	A+	140	>> 955822
142	3000	15700	RM3	L	870/122/262	II	A+	142	>> 955341
142	4000	19150	RM3	L	870/122/262	I	A+	142	>> 955693
142	4000	19150	RM3	L	870/122/262	II	A+	142	>> 954788
142	5700	18100	RM3	L	870/122/262	II	A+	142	>> 955914
155	3000	16700	RM3	L	870/122/262	II	A+	155	>> 955327
155	4000	19950	RM3	L	870/122/262	I	A+	155	>> 955655
155	4000	19950	RM3	L	870/122/262	II	A+	155	>> 954740
155	5700	19950	RM3	L	870/122/262	II	A+	155	>> 955877
180	3000	19450	RM3	L	870/122/262	II	A+	180	>> 954283
180	4000	22750	RM3	L	870/122/262	I	A+	180	>> 955686
180	4000	22750	RM3	L	870/122/262	II	A+	180	>> 954771
180	5700	22750	RM3	L	870/122/262	II	A+	180	>> 955907
184	3000	19200	RM3	L	870/122/262	II	A+	184	>> 954269
184	4000	21450	RM3	L	870/122/262	I	A+	184	>> 955631
184	4000	21450	RM3	L	870/122/262	II	A+	184	>> 954726
184	5700	21450	RM3	L	870/122/262	II	A+	184	>> 955853
220	3000	23050	RM3	L	870/122/262	II	A+	220	>> 954276
220	4000	25800	RM3	L	870/122/262	I	A+	220	>> 955662
220	4000	25800	RM3	L	870/122/262	II	A+	220	>> 954757
220	5700	25800	RM3	L	870/122/262	II	A+	220	>> 955884
228	3000	23700	RM3	L	870/122/262	II	A+	228	>> 954290
228	4000	28950	RM3	L	870/122/262	I	A+	228	>> 955709
228	4000	28950	RM3	L	870/122/262	II	A+	228	>> 954795
228	5700	28950	RM3	L	870/122/262	II	A+	228	>> 955921

TIARA LED NEMA

Luminaire rated power P _{omin} [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	Version	Dimensions [mm]	Electrical protection class	Energy efficiency class	Rated power of the luminaire [W]*	Index
37	4000	4350	RM3	M NEMA	665/122/262	II	A+	37	>> 954801
76	4000	8950	RM3	M NEMA	665/122/262	II	A+	76	>> 954818
110	4000	12900	RM3	M NEMA	665/122/262	II	A+	110	>> 954825
140	4000	16850	RM3	L NEMA	870/122/262	II	A+	140	>> 954832
180	4000	22750	RM3	L NEMA	870/122/262	II	A+	180	>> 954863
184	4000	21450	RM3	L NEMA	870/122/262	II	A+	184	>> 954849
220	4000	25800	RM3	L NEMA	870/122/262	II	A+	220	>> 954856

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Luminaire rated power P_{min} [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	Version	Dimensions [mm]	Electrical protection class	Energy efficiency class	Rated power of the luminaire [W]*	Index
228	4000	28950	RM3	L NEMA	870/122/262	II	A+	228	>> 954870

TIARA LED ZHAGA

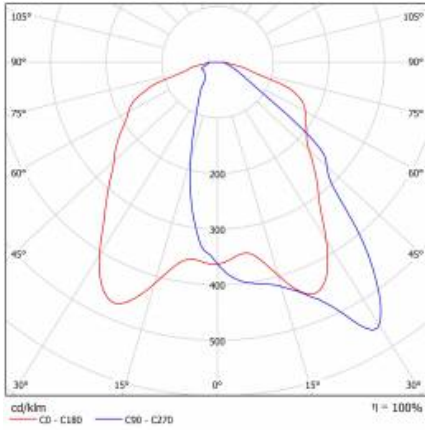
Luminaire rated power P_{min} [W]	Colour temperature [K]	Luminous flux [lm]*	Light distribution type	Version	Dimensions [mm]	Electrical protection class	Energy efficiency class	Rated power of the luminaire [W]*	Index
37	4000	4350	RM3	M ZHAGA	665/122/262	II	A+	37	>> 954887
76	4000	8950	RM3	M ZHAGA	665/122/262	II	A+	76	>> 954894
110	4000	12900	RM3	M ZHAGA	665/122/262	II	A+	110	>> 954900
140	4000	16850	RM3	L ZHAGA	870/122/262	II	A+	140	>> 954917
180	4000	22750	RM3	L ZHAGA	870/122/262	II	A+	180	>> 954948
184	4000	21450	RM3	L ZHAGA	870/122/262	II	A+	184	>> 954924
220	4000	25800	RM3	L ZHAGA	870/122/262	II	A+	220	>> 954931
228	4000	28950	RM3	L ZHAGA	870/122/262	II	A+	228	>> 954955

*Tolerance +/- 10%

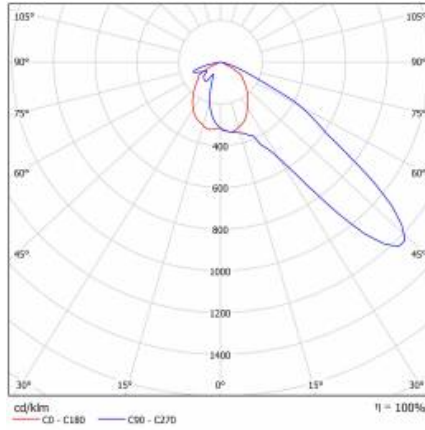
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LUMINOUS INTENSITY DISTRIB. CURVE

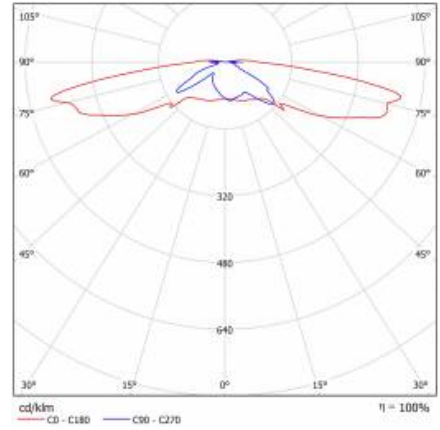
ASM2 (opcja)



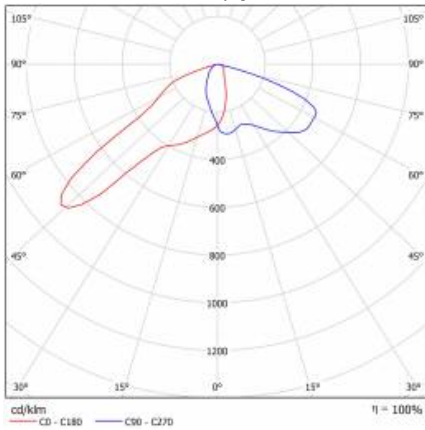
ASN (opcja)



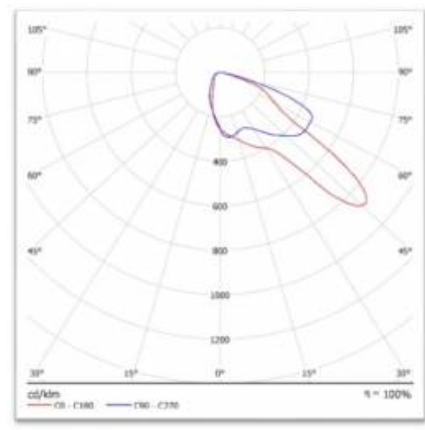
ASW (opcja)



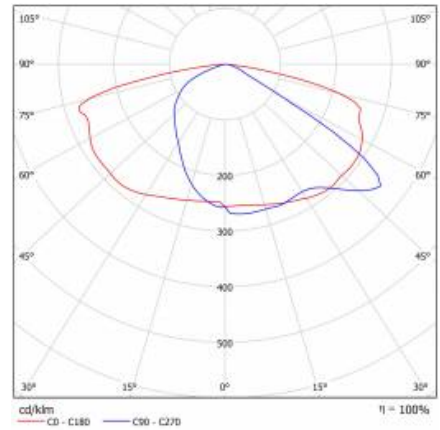
PL1 (opcja)



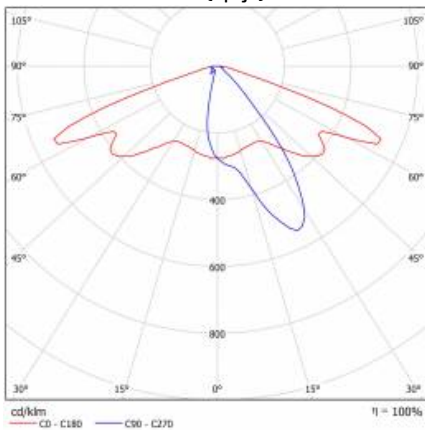
PP1



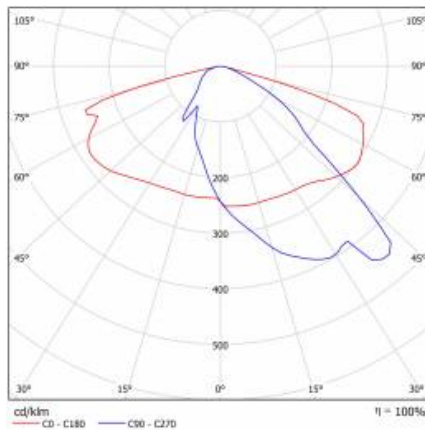
RM3



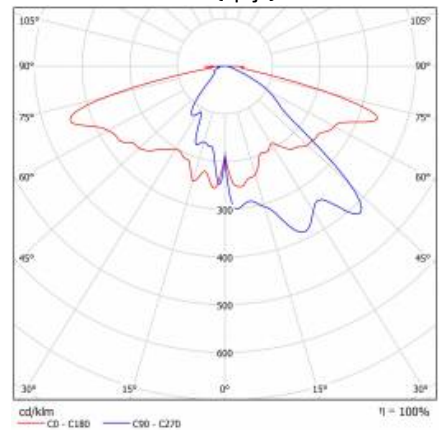
RN1 (opcja)



RW2



RW3 (opcja)



The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer.

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The luminaire complies with the EU RoHS Directive 2011/65/UE



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



50/2019