

TIARA LED

LED GO!



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

TECHNICAL PARAMETERS

Ingress protection:	IP66;
Impact resistance:	IK09;
Luminaire power [W]:	18.00 - 228.00
Luminous flux [lm]*:	1900 - 27300
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 power [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	1900	RM3	M	665/122/262	II	A+	18	>> 955211
18	4000	2300	RM3	M	665/122/262	I	A+	18	>> 955495
18	4000	2300	RM3	M	665/122/262	II	A+	18	>> 954580
18	5700	2300	RM3	M	665/122/262	II	A+	18	>> 955716
26	3000	2600	RM3	M	665/122/262	II	A+	26	>> 955228
26	4000	3150	RM3	M	665/122/262	I	A+	26	>> 955501
26	4000	3150	RM3	M	665/122/262	II	A+	26	>> 954597
26	5700	3150	RM3	M	665/122/262	II	A+	26	>> 955723
36	3000	3750	RM3	M	665/122/262	II	A+	36	>> 955235
37	3000	3600	RM3	M	665/122/262	II	A+	37	>> 954221
36	4000	4600	RM3	M	665/122/262	I	A+	36	>> 955525
36	5700	4600	RM3	M	665/122/262	II	A+	36	>> 955747
37	4000	4100	RM3	M	665/122/262	I	A+	37	>> 955518
37	4000	4100	RM3	M	665/122/262	II	A+	37	>> 954603
37	5700	4100	RM3	M	665/122/262	II	A+	37	>> 955730
52	3000	5250	RM3	M	665/122/262	II	A+	52	>> 955242
52	4000	6200	RM3	M	665/122/262	I	A+	52	>> 955532
36	4000	4600	RM3	M	665/122/262	II	A+	36	>> 954610
52	5700	6200	RM3	M	665/122/262	II	A+	52	>> 955754
54	3000	5600	RM3	M	665/122/262	II	A+	54	>> 955259
54	4000	6850	RM3	M	665/122/262	I	A+	54	>> 955556
52	4000	6200	RM3	M	665/122/262	II	A+	52	>> 954627
54	4000	6850	RM3	M	665/122/262	II	A+	54	>> 954641
54	5700	6850	RM3	M	665/122/262	II	A+	54	>> 955778
72	3000	7450	RM3	M	665/122/262	II	A+	72	>> 955273
72	4000	9150	RM3	M	665/122/262	I	A+	72	>> 955587
72	4000	9150	RM3	M	665/122/262	II	A+	72	>> 954672
72	5700	9150	RM3	M	665/122/262	II	A+	72	>> 955808
76	3000	7250	RM3	M	665/122/262	II	A+	76	>> 954238
76	4000	8400	RM3	M	665/122/262	I	A+	76	>> 955549
76	4000	8400	RM3	M	665/122/262	II	A+	76	>> 954634
76	5700	8400	RM3	M	665/122/262	II	A+	76	>> 955761
78	3000	7850	RM3	M	665/122/262	II	A+	78	>> 955266
78	4000	9300	RM3	M	665/122/262	I	A+	78	>> 955563
78	4000	9300	RM3	M	665/122/262	II	A+	78	>> 954658
78	5700	9300	RM3	M	665/122/262	II	A+	78	>> 955785
90	3000	9350	RM3	L	870/122/262	II	A+	90	>> 955297
90	4000	11400	RM3	L	870/122/262	I	A+	90	>> 955617
90	4000	11400	RM3	L	870/122/262	II	A+	90	>> 954702
90	5700	11400	RM3	L	870/122/262	II	A+	90	>> 955839
100	3000	10500	RM3	M	665/122/262	II	A+	100	>> 955280
100	4000	11950	RM3	M	665/122/262	I	A+	100	>> 955594
100	4000	11950	RM3	M	665/122/262	II	A+	100	>> 954689
100	5700	11950	RM3	M	665/122/262	II	A+	100	>> 955815
108	3000	11250	RM3	L	870/122/262	II	A+	108	>> 955310
108	4000	13750	RM3	L	870/122/262	I	A+	108	>> 955648
108	4000	13750	RM3	L	870/122/262	II	A+	108	>> 954733
108	5700	13750	RM3	L	870/122/262	II	A+	108	>> 955860

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Luminaire power [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
110	3000	10850	RM3	M	665/122/262	II	A+	110	>> 954245
110	4000	12100	RM3	M	665/122/262	I	A+	110	>> 955570
110	4000	12100	RM3	M	665/122/262	II	A+	110	>> 954665
110	5700	12100	RM3	M	665/122/262	II	A+	110	>> 955792
125	3000	13050	RM3	L	870/122/262	II	A+	125	>> 955334
125	4000	15900	RM3	L	870/122/262	I	A+	125	>> 955679
125	4000	15900	RM3	L	870/122/262	II	A+	125	>> 954764
125	5700	15900	RM3	L	870/122/262	II	A+	125	>> 955891
130	3000	13100	RM3	L	870/122/262	II	A+	130	>> 955303
130	4000	15500	RM3	L	870/122/262	I	A+	130	>> 955624
130	4000	15500	RM3	L	870/122/262	II	A+	130	>> 954719
130	5700	15500	RM3	L	870/122/262	II	A+	130	>> 955846
140	3000	14500	RM3	L	870/122/262	II	A+	140	>> 954252
140	4000	15750	RM3	L	870/122/262	I	A+	140	>> 955600
140	4000	15850	RM3	L	870/122/262	II	A+	140	>> 954696
140	5700	15850	RM3	L	870/122/262	II	A+	140	>> 955822
142	3000	14750	RM3	L	870/122/262	II	A+	142	>> 955341
142	4000	18050	RM3	L	870/122/262	I	A+	142	>> 955693
142	4000	18050	RM3	L	870/122/262	II	A+	142	>> 954788
142	5700	17050	RM3	L	870/122/262	II	A+	142	>> 955914
155	3000	15700	RM3	L	870/122/262	II	A+	155	>> 955327
155	4000	18800	RM3	L	870/122/262	I	A+	155	>> 955655
155	4000	18800	RM3	L	870/122/262	II	A+	155	>> 954740
155	5700	18800	RM3	L	870/122/262	II	A+	155	>> 955877
180	3000	18350	RM3	L	870/122/262	II	A+	180	>> 954283
180	4000	21400	RM3	L	870/122/262	I	A+	180	>> 955686
180	4000	21400	RM3	L	870/122/262	II	A+	180	>> 954771
180	5700	21400	RM3	L	870/122/262	II	A+	180	>> 955907
184	3000	18100	RM3	L	870/122/262	II	A+	184	>> 954269
184	4000	20200	RM3	L	870/122/262	I	A+	184	>> 955631
184	4000	20200	RM3	L	870/122/262	II	A+	184	>> 954726
184	5700	20200	RM3	L	870/122/262	II	A+	184	>> 955853
220	3000	21750	RM3	L	870/122/262	II	A+	220	>> 954276
220	4000	24300	RM3	L	870/122/262	I	A+	220	>> 955662
220	4000	24300	RM3	L	870/122/262	II	A+	220	>> 954757
220	5700	24300	RM3	L	870/122/262	II	A+	220	>> 955884
228	3000	22300	RM3	L	870/122/262	II	A+	228	>> 954290
228	4000	27300	RM3	L	870/122/262	I	A+	228	>> 955709
228	4000	27300	RM3	L	870/122/262	II	A+	228	>> 954795
228	5700	27300	RM3	L	870/122/262	II	A+	228	>> 955921

TIARA LED NEMA

Luminaire power [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	4100	RM3	M NEMA	665/122/262	II	A+	37	>> 954801
76	4000	8400	RM3	M NEMA	665/122/262	II	A+	76	>> 954818
110	4000	12100	RM3	M NEMA	665/122/262	II	A+	110	>> 954825
140	4000	15850	RM3	L NEMA	870/122/262	II	A+	140	>> 954832
180	4000	21400	RM3	L NEMA	870/122/262	II	A+	180	>> 954863
184	4000	20200	RM3	L NEMA	870/122/262	II	A+	184	>> 954849
220	4000	24300	RM3	L NEMA	870/122/262	II	A+	220	>> 954856
228	4000	27300	RM3	L NEMA	870/122/262	II	A+	228	>> 954870

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TIARA LED ZHAGA

Luminaire power [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	4100	RM3	M ZHAGA	665/122/262	II	A+	37	>> 954887
76	4000	8400	RM3	M ZHAGA	665/122/262	II	A+	76	>> 954894
110	4000	12100	RM3	M ZHAGA	665/122/262	II	A+	110	>> 954900
140	4000	15850	RM3	L ZHAGA	870/122/262	II	A+	140	>> 954917
180	4000	21400	RM3	L ZHAGA	870/122/262	II	A+	180	>> 954948
184	4000	20200	RM3	L ZHAGA	870/122/262	II	A+	184	>> 954924
220	4000	24300	RM3	L ZHAGA	870/122/262	II	A+	220	>> 954931
228	4000	27300	RM3	L ZHAGA	870/122/262	II	A+	228	>> 954955

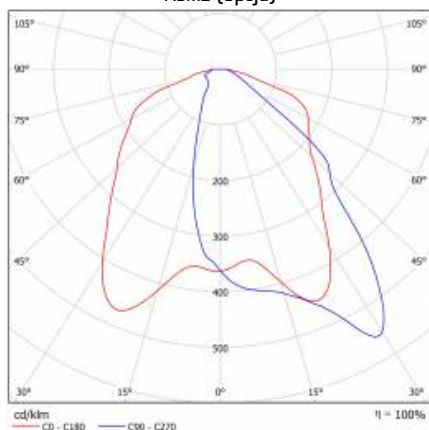
*Tolerance +/- 10%

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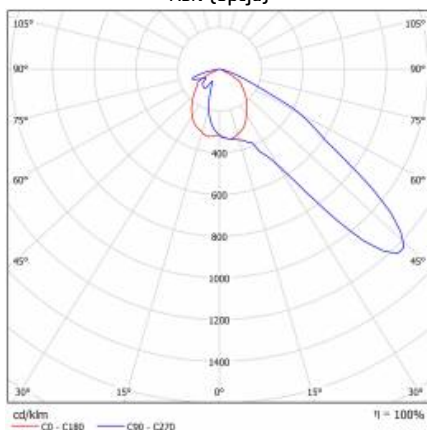
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LUMINOUS INTENSITY DISTRIB. CURVE

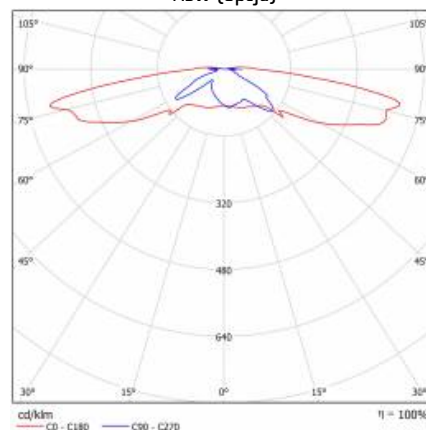
ASM2 (opcja)



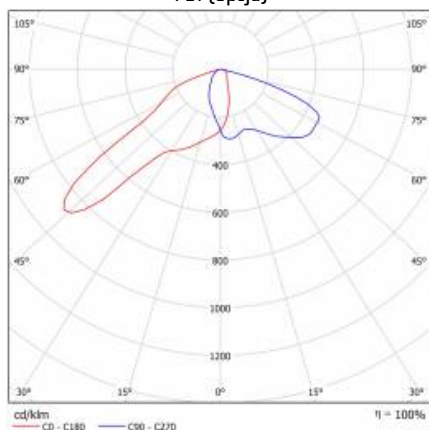
ASN (opcja)



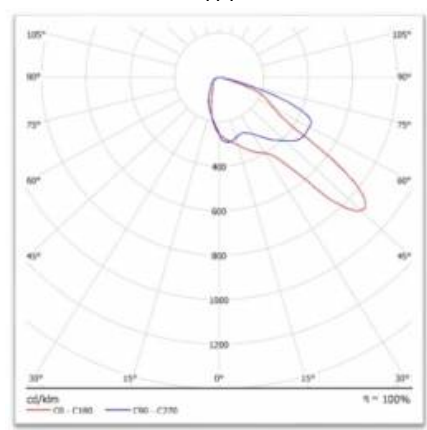
ASW (opcja)



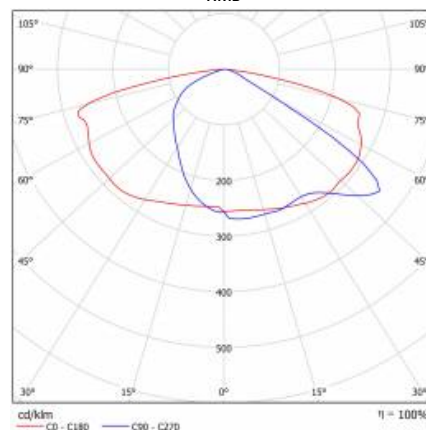
PL1 (opcja)



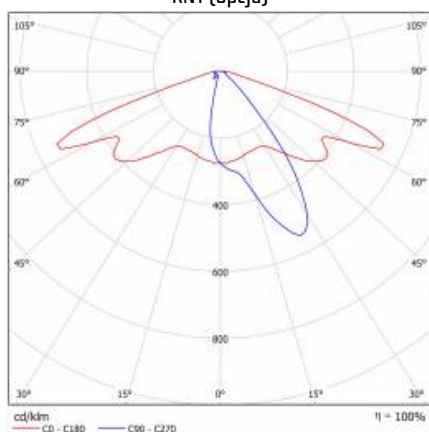
PP1



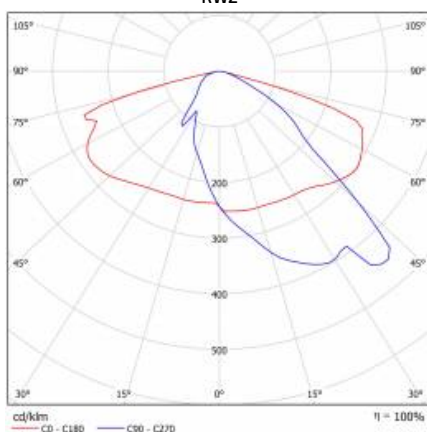
RM3



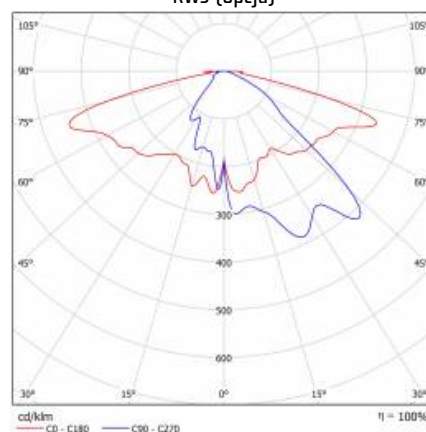
RN1 (opcja)



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