TIARA 2 LED XS

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	12.00 - 54.00
Luminous flux [lm]*:	1800 - 7900
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
Electrical protection class:	I; II
Optics:	RM7; RM7HE
Control:	Yes + 5-stage power reduction
Colour of the body:	gray RAL 9006
Luminous efficacy [lm/W]:	141.00 - 168.00
Energy efficiency class:	B; C
Material of the body:	powder coated aluminium
Diffuser type:	transparent
Diffuser material:	tempered glass
Optics material:	PMMA; PMMA + PC
SDCM:	4

CHARACTERISTICS

TIARA 2 LED XS - a new generation of LED road luminaires. It uses directional multi-lens matrices made of PMMA, each lens of which has the same optics, ensuring that the light characteristics remain unchanged over time. The two-chamber structure of the luminaire maintains the tightness of the optical chamber during assembly work and when opening the electrical chamber. As standard, the fixture offers tool-free access to the electrical equipment using a knob which, upon request and the need to protect against vandalism or uncontrolled opening, can optionally be permanently secured with a screw or seal. The upper part of the luminaire has dedicated hinges and a rope protecting against falling. Using standard tools, quick and convenient service is possible, allowing the replacement of any component without the need to dismantle the entire fixture and perform soldered connections. The body and handle are made of die-cast aluminum, powder-coated gray, characterized by a very high degree of tightness IP66 and resistance to mechanical impacts IK10.

Standard equipment: ergonomic light module suspension system; protection against accidental overheating of the NTC fixture; fully programmable DALI driver, available functions of maintaining a constant light flux during CLO and autonomous, 5-step power reduction; filter preventing water vapor condensation; connection terminals; tool-free access.

Additional options: NEMA, ZHAGA connectors; cooperation with control systems, RCR motion sensor; anti-vandal protection with screws/seals; additional SP10kV protection apart from the power supply, on/off power supply without power reduction function; knife switch disconnecting the voltage when the electrical compartment is opened; version with a cable terminated with a quick connector; painting in any color from the RAL palette. Certificates: CE, RoHS, ENEC, ENEC+, Zhaga D4i, Zhaga Book 13, Zhaga Book 15, DarkSky.

APPLICATION

Thanks to the use of dedicated optics, it is possible to illuminate facilities such as: expressways, national roads, provincial roads, district roads, municipal roads, city roads, housing estate roads, and area lighting. Optics are also available to illuminate pedestrian crossings, sidewalks and bicycle paths.

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AVAILABLE VERSIONS

Click index >>, to see details

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	Index
12	1800	150	C	4000	70	II	RM7	>> 694219
12	2025	168	B	4000	70	II	RM7HE	>> 694516
14	2050	146	C	4000	70	II	RM7	>> 694226
14	2350	167	C	4000	70	II	RM7HE	>> 694523
15	2250	150	C	4000	70	II	RM7	>> 694233
15	2450	163	B	4000	70	II	RM7HE	>> 694530
16	2450	153	C	4000	70	II	RM7	>> 694240
16	2675	167	B	4000	70	II	RM7HE	>> 694547
18	2775	154	C	4000	70	II	RM7	>> 694257
18	3025	168	B	4000	70	II	RM7HE	>> 694554
21	3225	153	C	4000	70	II	RM7	>> 694264
21	3500	166	B	4000	70	II	RM7HE	>> 694561
23	3600	156	C	4000	70	II	RM7	>> 864186
23	3775	164	B	4000	70	II	RM7HE	>> 694578
24	3700	154	C	4000	70	II	RM7	>> 864193
24	3975	165	B	4000	70	II	RM7HE	>> 694585
25	3825	153	C	4000	70	II	RM7	>> 694271
25	4125	165	B	4000	70	II	RM7HE	>> 694592
26	3975	152	C	4000	70	II	RM7	>> 694288
26	4275	164	B	4000	70	II	RM7HE	>> 694608
28	4350	155	C	4000	70	II	RM7	>> 866814
28	4350	155	C	4000	70	I	RM7	>> 866814/MSL
28	4600	164	B	4000	70	II	RM7HE	>> 694615
29	4500	155	C	4000	70	II	RM7	>> 694295
29	4750	163	B	4000	70	II	RM7HE	>> 694622
30	4600	153	C	4000	70	II	RM7	>> 694301
30	4900	163	B	4000	70	II	RM7HE	>> 694639
31	4725	152	C	4000	70	II	RM7	>> 694318
31	5000	161	B	4000	70	II	RM7HE	>> 694646
33	5000	151	C	4000	70	II	RM7	>> 694325
33	5300	160	B	4000	70	II	RM7HE	>> 694653
34	5150	151	C	4000	70	II	RM7	>> 864056
35	5300	151	C	4000	70	II	RM7	>> 694332
35	5575	159	B	4000	70	II	RM7HE	>> 694660
36	5450	151	C	4000	70	II	RM7	>> 694349

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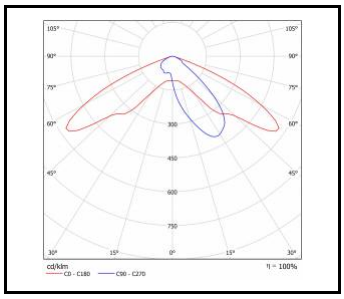
GENERAL CARD

36	5775	160	B	4000	70	II	RM7HE	>> 694677
37	5600	151	C	4000	70	II	RM7	>> 864957
37	5875	158	B	4000	70	II	RM7HE	>> 694684
39	5800	148	C	4000	70	II	RM7	>> 694356
39	6175	158	B	4000	70	II	RM7HE	>> 694691
44	6475	147	C	4000	70	II	RM7	>> 864162
44	6625	150	C	4000	70	II	RM7HE	>> 694707
47	6750	143	C	4000	70	II	RM7	>> 694363
47	6925	147	C	4000	70	II	RM7HE	>> 694714
50	7125	142	C	4000	70	II	RM7	>> 694370
50	7375	147	C	4000	70	II	RM7HE	>> 694721
52	7400	142	C	4000	70	II	RM7	>> 694387
54	7625	141	C	4000	70	II	RM7	>> 694394
54	7900	146	B	4000	70	II	RM7HE	>> 694745

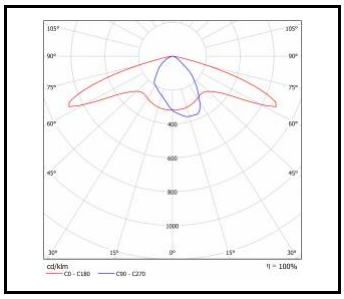
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GENERAL CARD

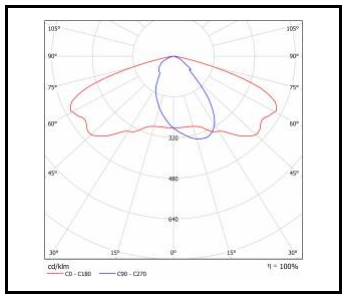
LUMINOUS INTENSITY DISTRIB. CURVE



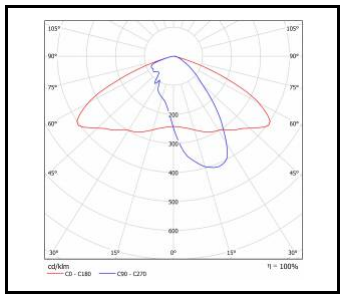
RM11HE



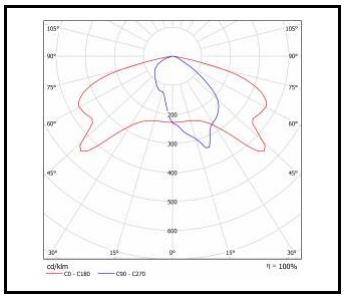
RM12HE



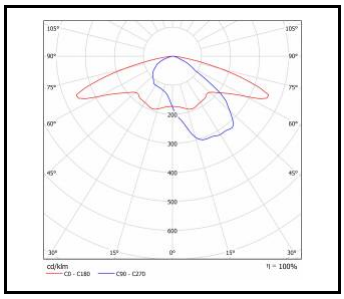
RM14HE



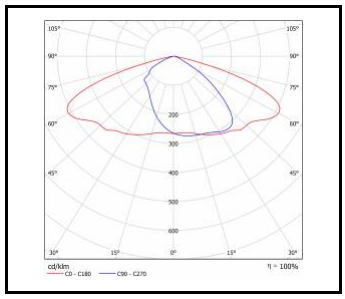
RM16HE



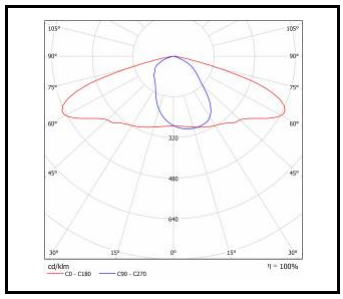
RM18HE



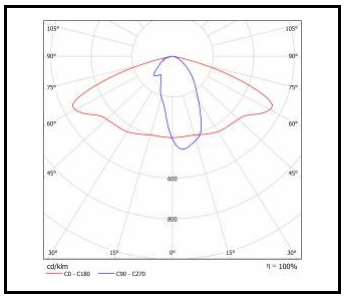
RM19HE



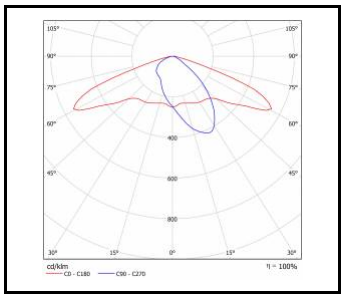
RM3HE



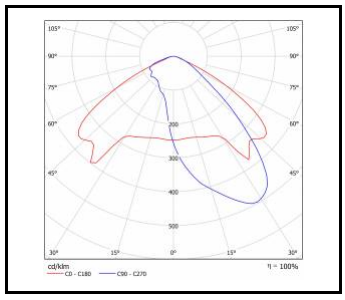
RM7HE



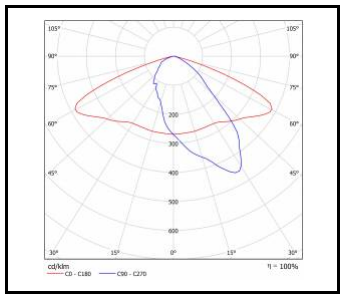
RM8HE



RM9HE



RMWHE



RW2HE

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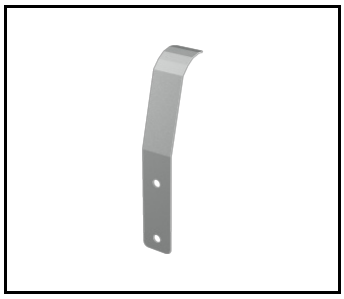
GENERAL CARD

ACCESSORIES AVAILABLE

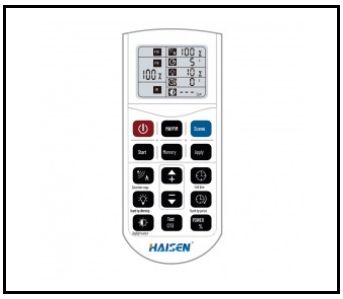
index	Name
813474	Backshield P (right) Tiara 2 LED XS RAL9006
813481	Backshield L (left) Tiara 2 LED XS RAL9006
813467	Backshield T (back) Tiara 2 LED XS RAL9006
804625	TIARA 2 LED Adjustable bracket Dark Sky diameter 64 mm grey
989766	Tiara 2 LED 64mm handle cover
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT



TIARA 2 LED Adjustable bracket Dark Sky diameter 64 mm grey (804625)



Tiara 2 LED 64mm handle cover (989766)



HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)

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: 101/2026

LENA LIGHTING

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