TIARA 2 LED L

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	49.00 - 330.00
Luminous flux [lm]*:	8750 - 49574
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
Electrical protection class:	II
Optics:	RM3; RM7HE
Control:	Yes + 5-stage power reduction
Colour of the body:	gray RAL 9006
Luminous efficacy [lm/W]:	145.00 - 189.00
Energy efficiency class:	A; B; C
Material of the body:	powder coated aluminium
Diffuser type:	transparent
Diffuser material:	szkło hartowane 5mm
Optics material:	PMMA; PMMA + PC
SDCM:	5

CHARACTERISTICS

TIARA 2 LED L 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 181 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 disconnector 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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GENERAL CARD

AVAILABLE VERSIONS

Click index >>, to see details

TIARA 2 LED L

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	DIMM DALI	Index
49	8750	178	B	4000	70	II	RM3	yes	>> 823367
52	9325	179	A	4000	70	II	RM3	yes	>> 823374
54	9625	178	B	4000	70	II	RM3	yes	>> 823381
59	10675	180	A	4000	70	II	RM3	yes	>> 823398
63	11150	176	B	4000	70	II	RM3	yes	>> 823404
69	12125	175	B	4000	70	II	RM3	yes	>> 761805
73	12800	175	B	4000	70	II	RM3	yes	>> 761720
76	13225	174	B	4000	70	II	RM3	yes	>> 761812
78	13600	174	B	4000	70	II	RM3	yes	>> 761737
85	14900	175	B	4000	70	II	RM3	yes	>> 761829
140	24100	172	B	4000	70	II	RM3	yes	>> 761836
145	24675	170	B	4000	70	II	RM3	yes	>> 761744
150	25450	169	B	4000	70	II	RM3	yes	>> 761843
155	26525	171	B	4000	70	II	RM3	yes	>> 761850
165	27425	166	B	4000	70	II	RM3	yes	>> 761867
170	26300	154	B	4000	70	II	RM3	yes	>> 761874
180	27400	152	B	4000	70	II	RM3	yes	>> 761881
190	28925	152	B	4000	70	II	RM3	yes	>> 761898
200	30300	151	C	4000	70	II	RM3	yes	>> 761904
215	32400	150	C	4000	70	II	RM3	yes	>> 761911
230	34150	148	C	4000	70	II	RM3	yes	>> 761928
245	37700	153	B	4000	70	II	RM3	yes	>> 761935
260	39425	151	C	4000	70	II	RM3	yes	>> 761942
275	41650	151	C	4000	70	II	RM3	yes	>> 761959
290	43275	149	C	4000	70	II	RM3	yes	>> 761966
305	44950	147	C	4000	70	II	RM3	yes	>> 761973
320	46675	145	C	4000	70	II	RM3	yes	>> 761980
330	48025	145	C	4000	70	II	RM3	yes	>> 761997

TIARA 2 LED L HE

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	DIMM DALI	Index
49	9089	185	A	4000	70	II	RM7HE	yes	>> 823411
52	9659	185	A	4000	70	II	RM7HE	yes	>> 823428

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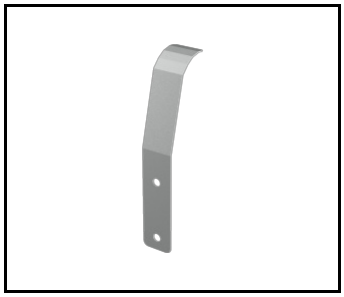
Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Color rendering index (Ra) >	Electrical protection class	Optics	DIMM DALI	Index
54	10085	186	A	4000	70	II	RM7HE	yes	>> 823435
59	11049	187	A	4000	70	II	RM7HE	yes	>> 823442
63	11668	185	A	4000	70	II	RM7HE	yes	>> 823459
69	12792	185	A	4000	70	II	RM7HE	yes	>> 823466
73	13444	184	A	4000	70	II	RM7HE	yes	>> 823473
76	14370	189	A	4000	70	II	RM7HE	yes	>> 823480
78	14373	184	A	4000	70	II	RM7HE	yes	>> 823497
85	15847	186	A	4000	70	II	RM7HE	yes	>> 823503
89	16433	184	A	4000	70	II	RM7HE	yes	>> 823510
94	17335	184	A	4000	70	II	RM7HE	yes	>> 823527
98	18033	184	A	4000	70	II	RM7HE	yes	>> 823534
103	18969	184	A	4000	70	II	RM7HE	yes	>> 823541
110	20212	183	A	4000	70	II	RM7HE	yes	>> 823558
117	20428	174	B	4000	70	II	RM7HE	yes	>> 761546
123	21309	173	B	4000	70	II	RM7HE	yes	>> 761553
137	23620	172	B	4000	70	II	RM7HE	yes	>> 761560
140	24160	172	B	4000	70	II	RM7HE	yes	>> 761577
145	25006	172	B	4000	70	II	RM7HE	yes	>> 761584
150	25681	171	B	4000	70	II	RM7HE	yes	>> 761591
155	26551	171	B	4000	70	II	RM7HE	yes	>> 761607
160	27407	171	B	4000	70	II	RM7HE	yes	>> 761614
170	29302	172	B	4000	70	II	RM7HE	yes	>> 761621
180	30477	169	B	4000	70	II	RM7HE	yes	>> 761638
190	32328	170	B	4000	70	II	RM7HE	yes	>> 761645
200	33757	168	B	4000	70	II	RM7HE	yes	>> 761652
215	36103	167	B	4000	70	II	RM7HE	yes	>> 761669
230	38147	165	B	4000	70	II	RM7HE	yes	>> 761676
245	39367	160	B	4000	70	II	RM7HE	yes	>> 761683
260	41067	157	B	4000	70	II	RM7HE	yes	>> 761690
275	43212	157	B	4000	70	II	RM7HE	yes	>> 761706
290	44919	154	B	4000	70	II	RM7HE	yes	>> 761713
305	46789	153	B	4000	70	II	RM7HE	yes	>> 823565
320	48403	151	C	4000	70	II	RM7HE	yes	>> 823572
330	49574	150	C	4000	70	II	RM7HE	yes	>> 823589

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GENERAL CARD

ACCESSORIES AVAILABLE

index	Name
989766	Tiara 2 LED 64mm handle cover
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT
UL00184	mounting grip 74 mm TIARA LED
	wall holder (grey)
	wall holder (galvanized)



Tiara 2 LED 64mm handle cover (989766)



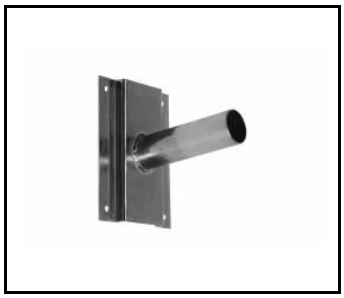
HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)



mounting grip 74 mm TIARA LED (UL00184)



wall holder (grey) (314056)



wall holder (galvanized) (314049)

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: 126/2025; 127/2025; 30/2026

LENA LIGHTING

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