

# TIARA LED PRO

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Version:</b>	L; M
<b>Material of the body:</b>	powder coated aluminium
<b>Diffuser material:</b>	toughened glass
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Supply voltage [V]:</b>	220 - 240
<b>Frequency [Hz]:</b>	50 - 60
<b>Rated power of the luminaire [W]*:</b>	8 - 330
<b>Luminous flux [lm]*:</b>	1075 - 46325
<b>Luminous efficacy [lm/W]:</b>	101 - 181
<b>Energy efficiency class:</b>	A - E
<b>Electrical protection class:</b>	I; II
<b>Colour temperature [K]:</b>	2200 - 6500
<b>Colour rendering index:</b>	> 70; > 80
<b>Tilt angle adjustment [°]:</b>	-15 to +5 (side); -5 to +15 (peak)
<b>Technical Warranty:</b>	5 with the possibility of extension to 10

## CHARACTERISTICS

TIARA LED PRO 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 170 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 disconnecter 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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## AVAILABLE VERSIONS



Click index >>, to see details

### TIARA LED PRO

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Version	Index
8	1250	156	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 982743</a>
10	1550	155	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 982750</a>
12	1825	152	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 982767</a>
14	2100	150	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 982774</a>
15	2225	148	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 982781</a>
18	2850	158	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 954580</a>
20	3300	165	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962677</a>
21	3200	152	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962684</a>
26	3950	152	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 954597</a>
30	4750	158	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962707</a>
31	4650	150	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962714</a>
32	5250	164	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962721</a>
34	5400	159	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962738</a>
35	5675	162	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962745</a>
36	5400	150	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962264</a>
37	5075	137	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 954603</a>
39	6375	163	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962769</a>
43	6975	162	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962776</a>
49	7900	161	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962783</a>
52	7675	148	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 954627</a>
54	8475	157	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 954641</a>
59	9350	158	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962790</a>
63	9925	158	B	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962301</a>
69	10825	157	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962806</a>
76	10375	137	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 954634</a>
78	11500	147	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 954658</a>
85	12350	145	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962325</a>
89	12925	145	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962820</a>
94	13650	145	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 962332</a>
98	14225	145	C	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 960215</a>
110	14950	136	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 954665</a>
118	15725	133	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 960253</a>
126	16875	134	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 960277</a>

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Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Version	Index
140	18500	132	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 960291</a>
157	20125	128	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 960314</a>
160	21525	135	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 924798</a>
167	22150	133	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 960338</a>
170	22550	133	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 924804</a>
175	22925	131	D	4000	> 70	II	RM3	yes	M	<a href="#">&gt;&gt; 924811</a>
35	5925	169	B	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962837</a>
51	8400	165	B	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962844</a>
67	11250	168	B	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962851</a>
77	12750	166	B	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962868</a>
97	15675	162	B	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962875</a>
103	16125	157	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962882</a>
110	17200	156	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962394</a>
117	18500	158	B	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962899</a>
123	19450	158	B	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962400</a>
137	20900	153	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962905</a>
140	21525	154	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924828</a>
145	21950	151	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 962417</a>
150	22400	149	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924842</a>
155	23425	151	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924859</a>
160	23900	149	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924866</a>
170	25400	149	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924873</a>
180	26325	146	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924880</a>
190	27700	146	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924897</a>
200	28625	143	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924903</a>
215	30375	141	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924910</a>
230	32075	139	C	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924927</a>
245	33325	136	D	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924934</a>
260	34875	134	D	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924941</a>
275	36300	132	D	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924958</a>
290	37700	130	D	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924965</a>
305	39025	128	D	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924972</a>
320	40225	126	D	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924989</a>
330	42275	128	D	4000	> 70	II	RM3	yes	L	<a href="#">&gt;&gt; 924996</a>

## TIARA LED PRO HE

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Version	Index
117	21150	181	A	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434808</a>

# TIARA LED PRO

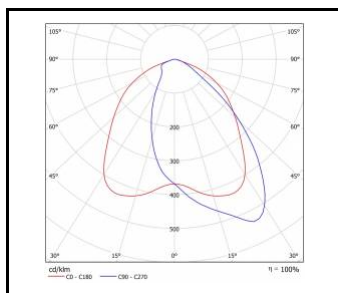
## GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	DIMM DALI	Version	Index
123	22225	181	A	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434815</a>
137	24725	180	A	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434822</a>
140	25250	180	A	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434839</a>
145	26150	180	A	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434846</a>
150	27025	180	A	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434853</a>
155	27900	180	A	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434860</a>
160	28800	180	A	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434877</a>
170	30250	178	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434884</a>
180	31675	176	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434891</a>
190	33050	174	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434907</a>
200	34375	172	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434914</a>
215	36525	170	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434921</a>
230	38600	168	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434938</a>
245	40625	166	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434945</a>
260	42600	164	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434952</a>
275	44500	162	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434969</a>
290	46325	160	B	4000	> 70	II	RM7HE	yes	L	<a href="#">&gt;&gt; 434976</a>

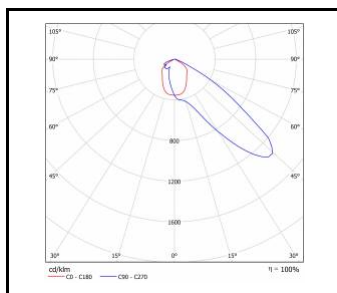
# TIARA LED PRO

## GENERAL CARD

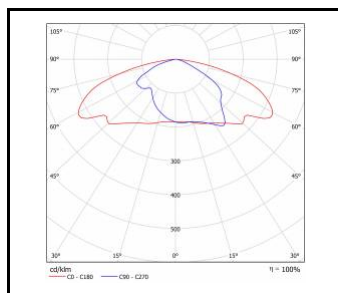
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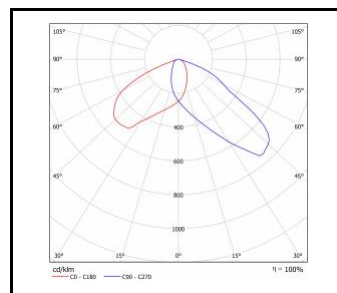
ASM2



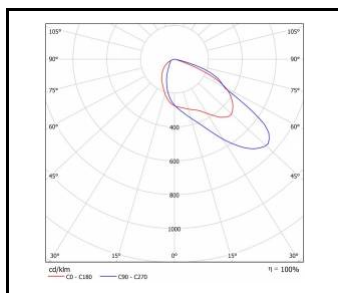
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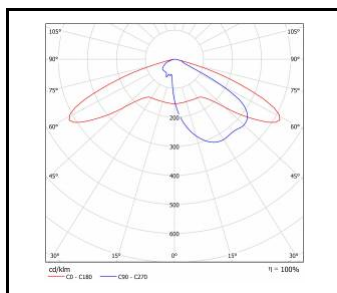
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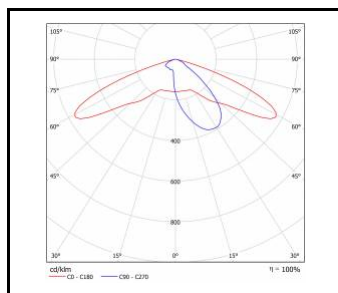
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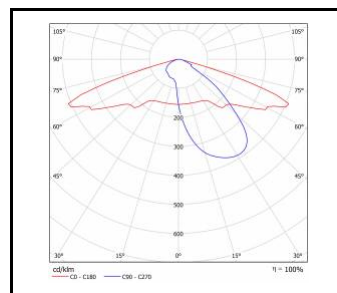
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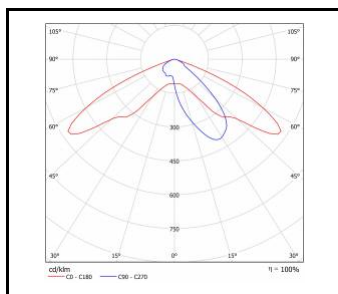
RM10



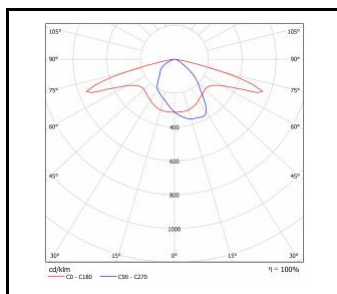
RM11



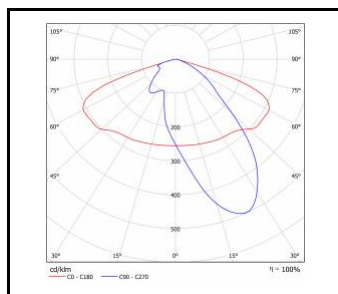
RM11+



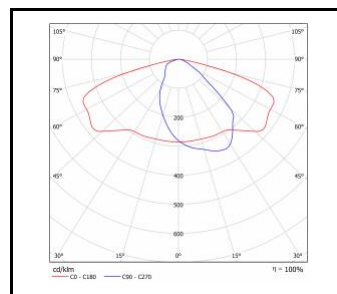
RM11HE



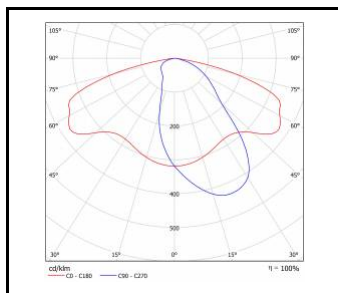
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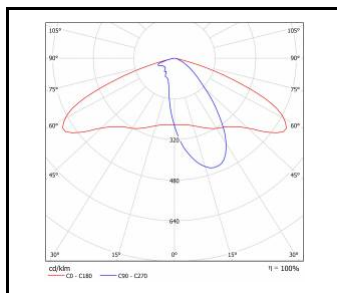
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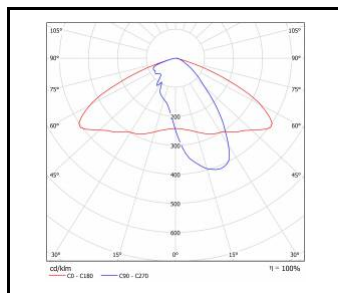
RM14



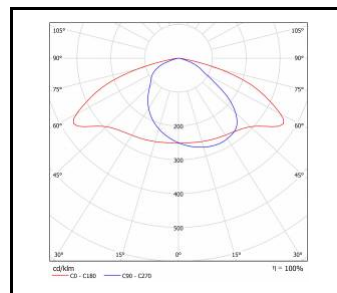
RM15



RM16



RM16HE

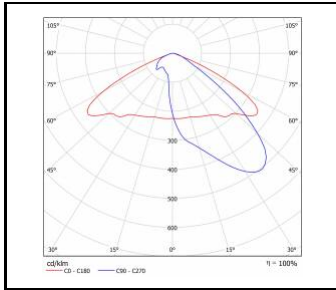


RM17

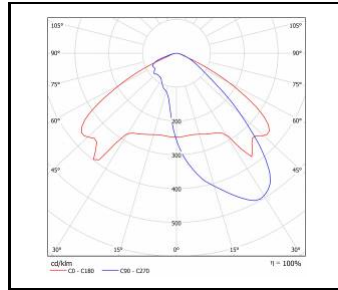


# TIARA LED PRO

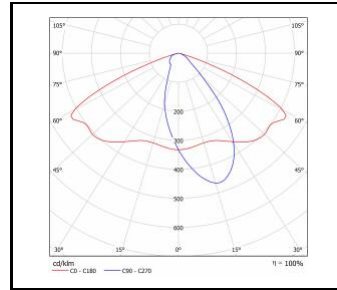
## GENERAL CARD



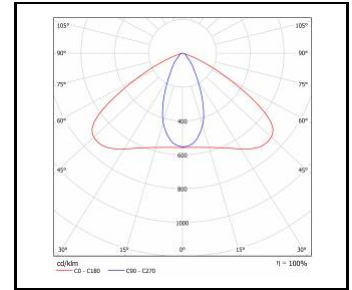
RMW



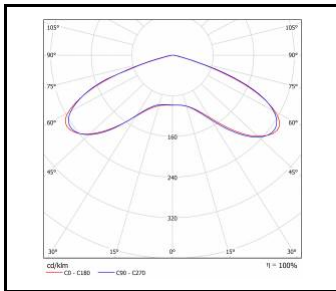
RMWHE



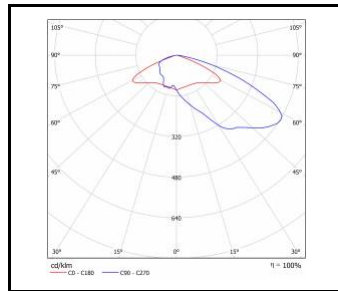
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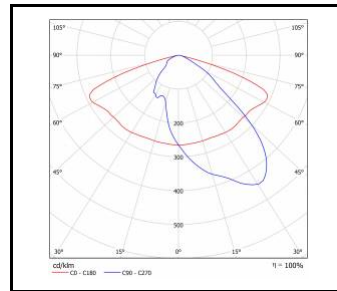
RN2



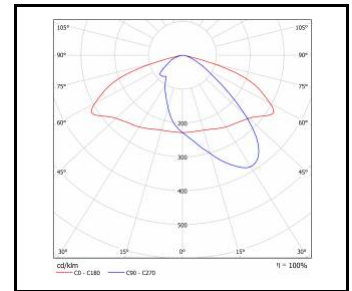
RP



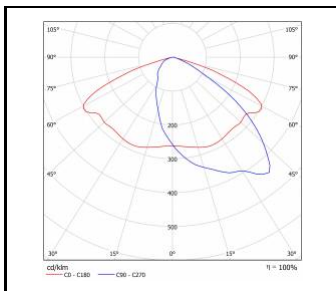
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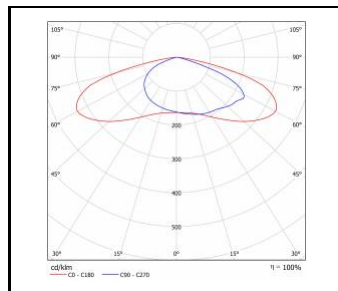
RW2



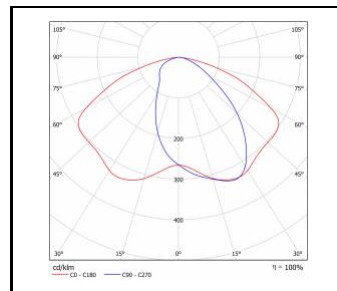
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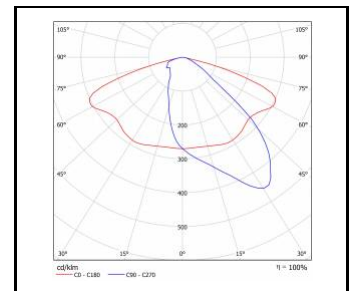
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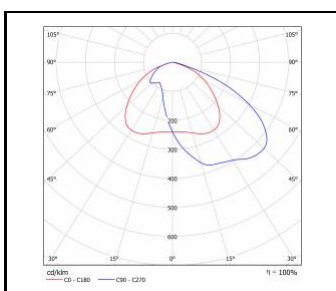
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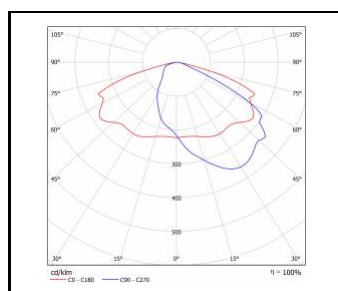
RW6



RW7



RW8



RW9

# TIARA LED PRO

GENERAL CARD

## ACCESSORIES AVAILABLE

index	Name
	wall holder (galvanized)
	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)

Card creation date: 18 December 2024

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 62/2023; 63/2023; 66/2020; 94/2023; 95/2023