



Hazardous
Lighting Solutions LTD



VECTRA 2 LED S



Modern road luminaire with energy-saving LED module



STREET LIGHTING

MECHANICAL FEATURES

Material of the body: powder coated aluminium

Diffuser material: tempered glass

Impact resistance: IK10

Ingress protection: IP66

Tilt angle adjustment [°]: -120 to +30 (side); -30 to +120 (peak)

ELECTRICAL FEATURES

Supply voltage [V]: 220 – 240

Frequency [Hz]: 50 – 60

Rated power of the luminaire [W]: 8 – 109

Electrical protection class: I; II

WORK PARAMETERS

Energy efficiency class: A – E

Technical warranty: 5 years (extendable to 10)

PHOTOMETRICAL PARAMETERS

Luminous flux [lm]: 1075 – 6150

Luminous efficacy [lm/W]: 103 – 178

Colour temperature [K]: 2200 – 6500

Colour rendering index (Ra): >70; >80

TYPE COMPARISONS

Rated power [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Energy class	Colour temp [K]	CRI	Electrical class	Optics	DALI	Index
8	1100	138	C	4000	70	II	RM7	yes	>> 988653
10	1450	145	C	4000	70	II	RM7	yes	>> 988660
12	1750	146	C	4000	70	II	RM7	yes	>> 988677
14	2075	148	C	4000	70	II	RM7	yes	>> 988684
15	2400	160	B	4000	70	II	RM7	yes	>> 988691
16	2500	156	C	4000	70	II	RM7	yes	>> 988738
18	2775	154	C	4000	70	II	RM7	yes	>> 988707
21	3425	163	B	4000	70	II	RM7	yes	>> 988790
23	3525	153	C	4000	70	II	RM7	yes	>> 988714
24	3900	163	B	4000	70	II	RM7	yes	>> 988806
25	3800	152	C	4000	70	II	RM7	yes	>> 988721
26	4200	161	B	4000	70	II	RM7	yes	>> 988813
28	4250	152	C	4000	70	II	RM7	yes	>> 988738
29	4650	160	B	4000	70	II	RM7	yes	>> 988820
30	4600	153	C	4000	70	II	RM7	yes	>> 988745
31	5000	161	B	4000	70	II	RM7	yes	>> 988837
33	4950	150	C	4000	70	II	RM7	yes	>> 988752
34	5575	164	B	4000	70	II	RM7	yes	>> 988844
35	5300	151	C	4000	70	II	RM7	yes	>> 988769
36	5750	160	B	4000	70	II	RM7	yes	>> 988851
37	5475	148	C	4000	70	II	RM7	yes	>> 988776
39	6150	158	B	4000	70	II	RM7	yes	>> 988868
44	7050	160	B	4000	70	II	RM7	yes	>> 988875

Rated power [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Energy class	Colour temp [K]	CRI	Electrical class	Optics	DALI	Index
47	7450	159	B	4000	70	II	RM7	yes	>> 988882
50	7850	157	C	4000	70	II	RM7	yes	>> 988899
52	8150	157	C	4000	70	II	RM7	yes	>> 988905
61	9500	156	C	4000	70	II	RM7	yes	>> 988912
65	10100	155	C	4000	70	II	RM7	yes	>> 988929
70	10750	154	C	4000	70	II	RM7	yes	>> 988936
76	11375	150	C	4000	70	II	RM7	yes	>> 988943
80	12050	151	C	4000	70	II	RM7	yes	>> 988950
84	12575	150	C	4000	70	II	RM7	yes	>> 988957
89	13100	147	C	4000	70	II	RM7	yes	>> 988974
99	14250	144	C	4000	70	II	RM7	yes	>> 988981
109	15275	140	C	4000	70	II	RM7	yes	>> 988998

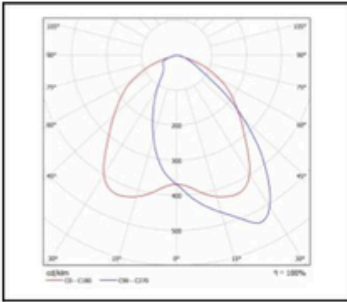
VECTRA 2 LED S HE

Rated power [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Energy class	Colour temp [K]	CRI	Electrical class	Optics	DALI	Index
8	1200	150	C	4000	70	II	RM7HE	yes	>> 434006
10	1525	153	C	4000	70	II	RM7HE	yes	>> 434013
12	1875	156	C	4000	70	II	RM7HE	yes	>> 434020
14	2225	159	B	4000	70	II	RM7HE	yes	>> 434037
15	2550	170	B	4000	70	II	RM7HE	yes	>> 434044
16	2750	172	B	4000	70	II	RM7HE	yes	>> 434051
18	2900	161	B	4000	70	II	RM7HE	yes	>> 434068
21	3725	177	B	4000	70	II	RM7HE	yes	>> 434075
23	3875	169	B	4000	70	II	RM7HE	yes	>> 434082
25	4050	162	B	4000	70	II	RM7HE	yes	>> 434105

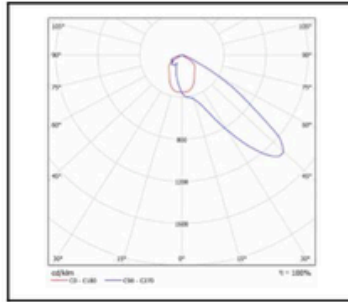


Rated power [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Energy class	Colour temp [K]	CRI	Electrical class	Optics	DALI	Index
26	4550	175	B	4000	70	II	RM7HE	yes	>> 434112
28	4500	161	B	4000	70	II	RM7HE	yes	>> 434129
29	5075	175	B	4000	70	II	RM7HE	yes	>> 434136
30	4925	164	B	4000	70	II	RM7HE	yes	>> 434143
31	5400	174	B	4000	70	II	RM7HE	yes	>> 434150
33	5275	160	B	4000	70	II	RM7HE	yes	>> 434167
34	6050	178	B	4000	70	II	RM7HE	yes	>> 434174
35	5950	170	B	4000	70	II	RM7HE	yes	>> 434181
36	6225	173	B	4000	70	II	RM7HE	yes	>> 434198
37	5725	155	C	4000	70	II	RM7HE	yes	>> 434204
39	6850	176	B	4000	70	II	RM7HE	yes	>> 434211
44	7575	173	B	4000	70	II	RM7HE	yes	>> 434228
47	8050	171	B	4000	70	II	RM7HE	yes	>> 434235
50	8525	171	B	4000	70	II	RM7HE	yes	>> 434242
52	9000	173	B	4000	70	II	RM7HE	yes	>> 434259
61	10300	169	B	4000	70	II	RM7HE	yes	>> 862205
65	10900	168	B	4000	70	II	RM7HE	yes	>> 862212
70	11575	165	B	4000	70	II	RM7HE	yes	>> 862229
76	12300	162	B	4000	70	II	RM7HE	yes	>> 862236
80	12700	159	B	4000	70	II	RM7HE	yes	>> 862243
84	13225	158	B	4000	70	II	RM7HE	yes	>> 862250
89	13775	155	C	4000	70	II	RM7HE	yes	>> 862267
99	15000	152	C	4000	70	II	RM7HE	yes	>> 862274
109	16150	148	C	4000	70	II	RM7HE	yes	>> 862281

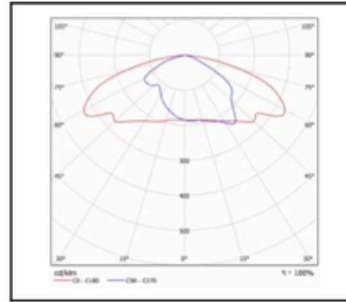
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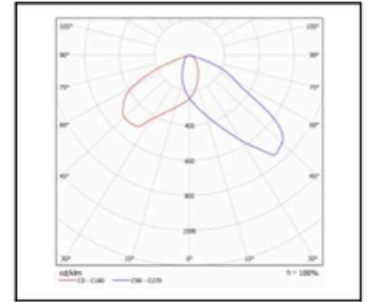
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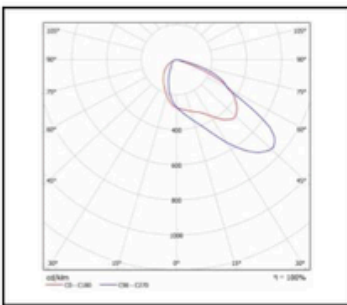
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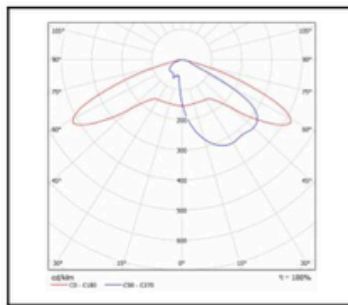
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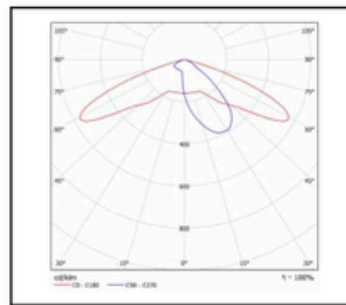
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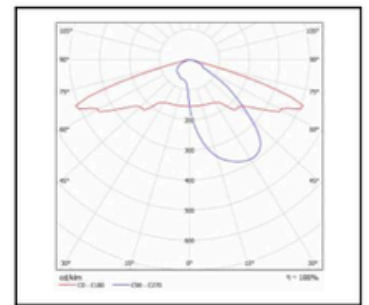
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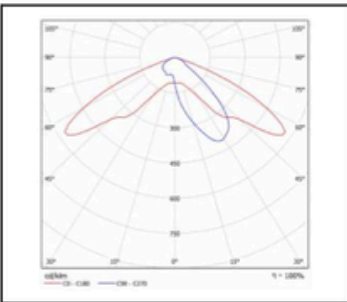
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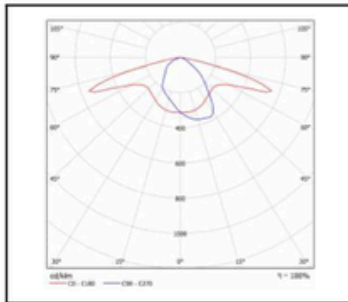
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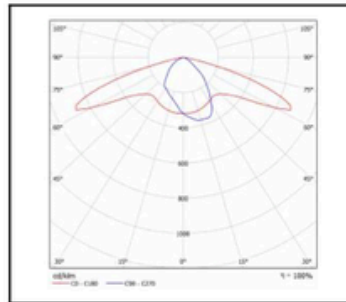
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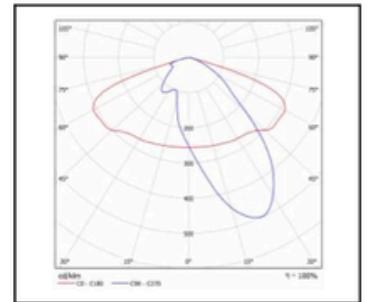
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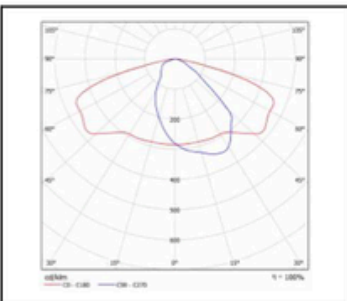
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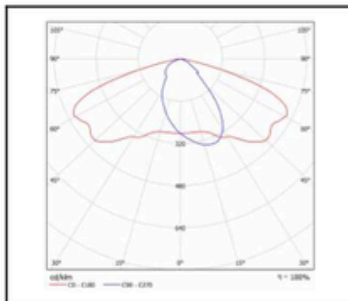
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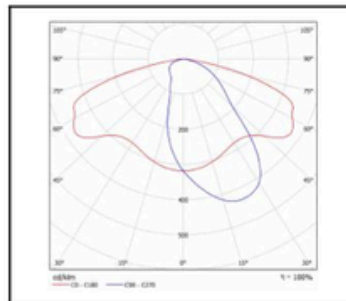
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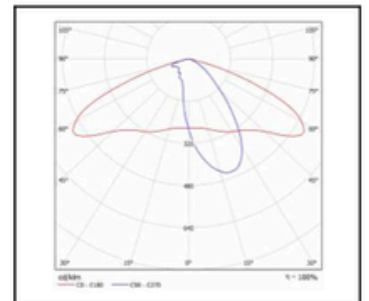
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RM14HE

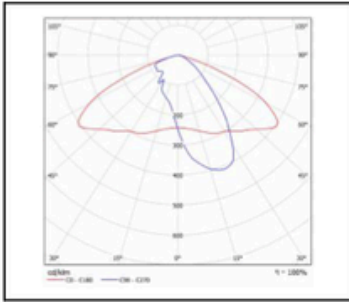


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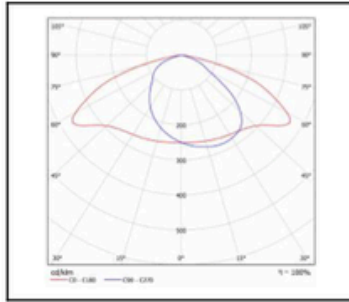


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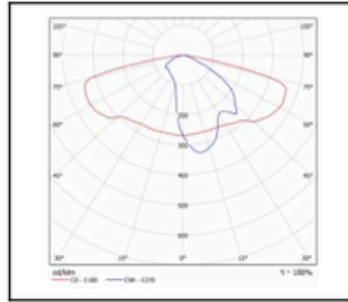
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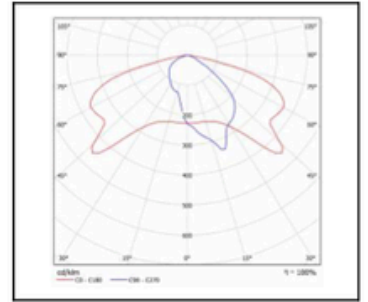
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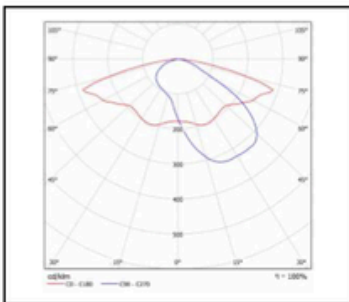
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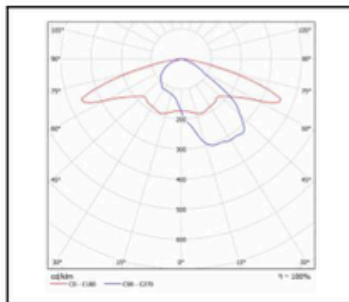
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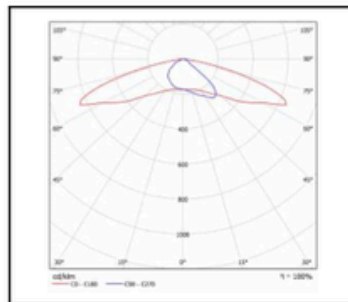
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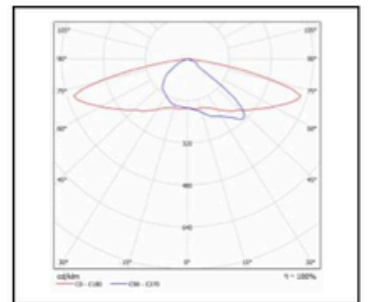
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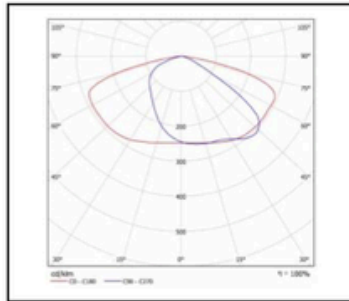
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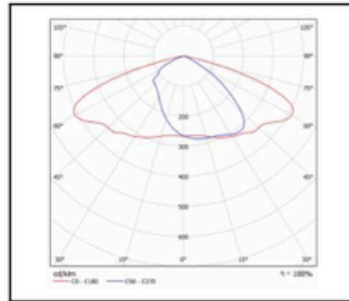
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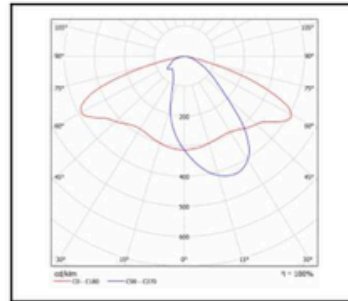
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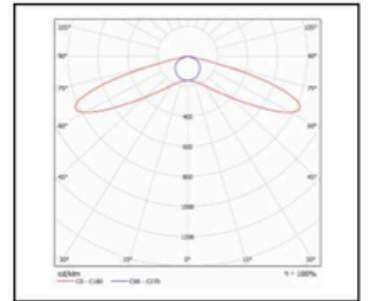
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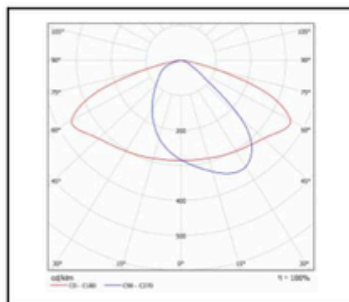
RM3HE



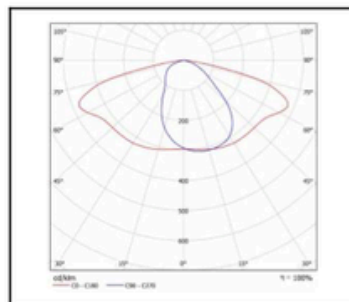
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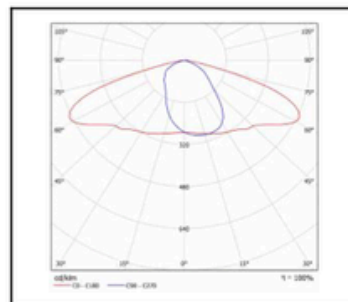
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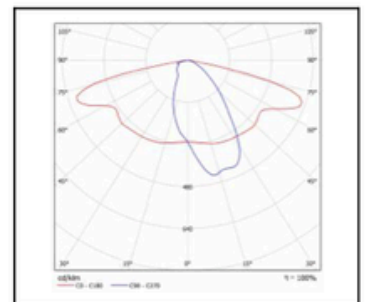
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RM7

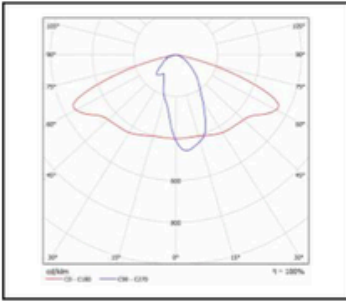


RM7HE

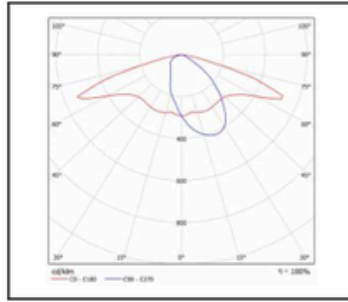


RM8+

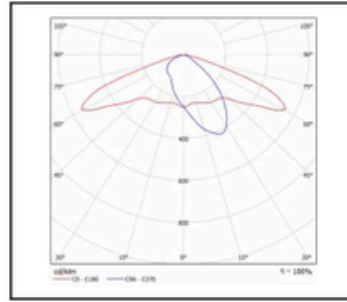
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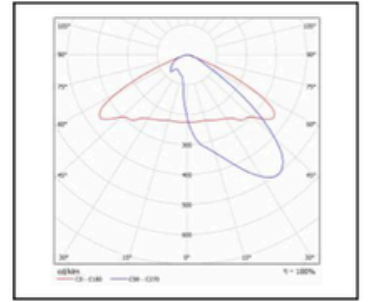
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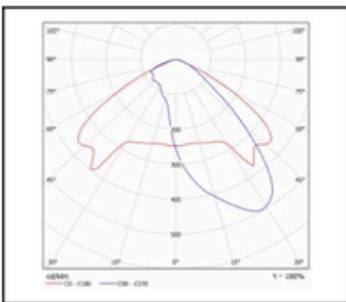
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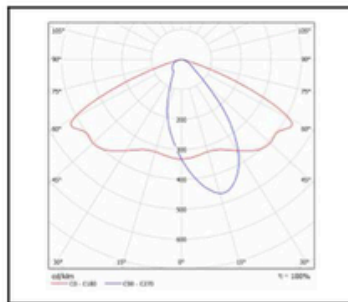
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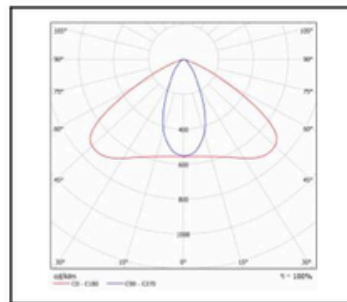
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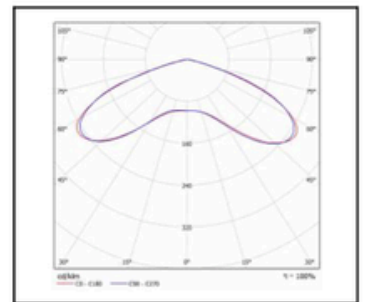
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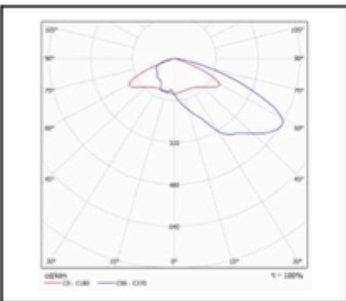
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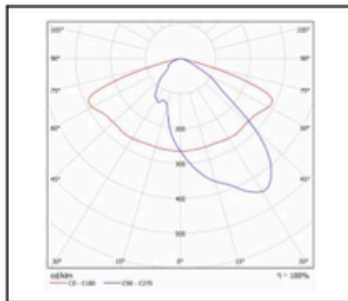
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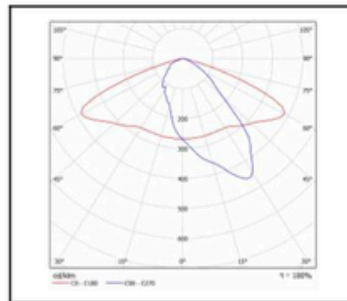
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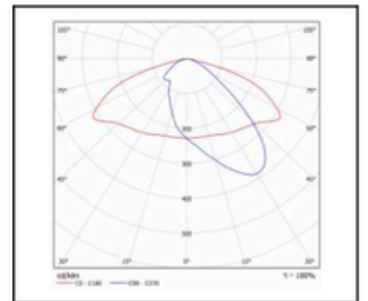
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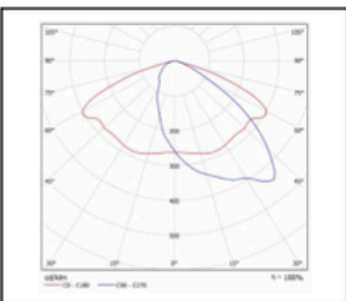
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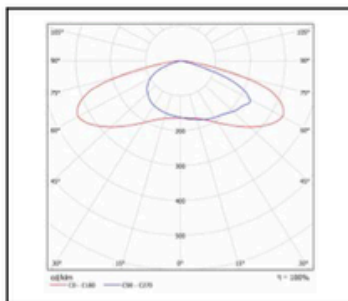
RW2HE



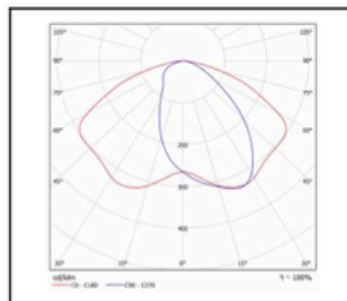
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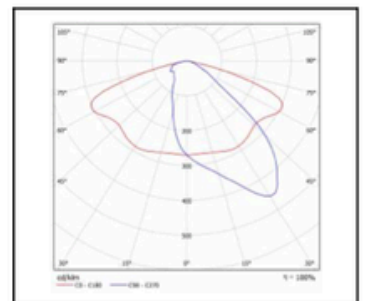
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RW5

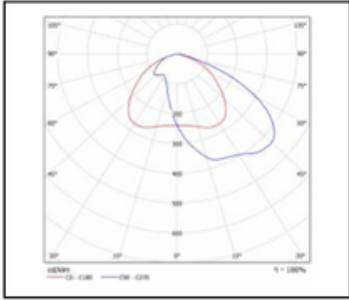


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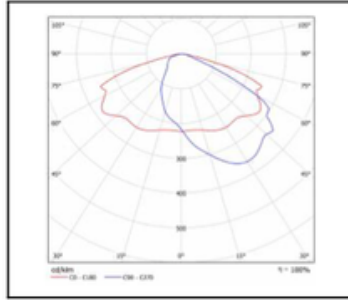


RW7

PHOTOMETRY







RW8



RW9

ACCESSORIES

Illustration	Name
	Vectra 2 LED Adjustable bracket Dark Sky diameter 64 mm grey
	Vectra 2 LED 64mm handle cover
	Backshield P (right) Tiara 2 LED S RAL9006
	wall holder (grey)
	Backshield L (left) Tiara 2 LED S RAL9006
	Backshield T (back) Tiara 2 LED S RAL9006
	wall holder (galvanized)
	Handle fi 76mm for Tiara 2 LED M and Tiara 2 LED S