



Hazardous
Lighting Solutions LTD



OPTIX LED M



Modern road luminaire with energy-saving LED module



MECHANICAL FEATURES

Material of the body: powder coated aluminium

Diffuser material: tempered glass

Impact resistance: IK10

Ingress protection: IP66

Tilt angle adjustment [°]: -20 to +20

ELECTRICAL FEATURES

Supply voltage [V]: 220 - 240

Frequency [Hz]: 50 - 60

Rated power of the luminaire [W]: 8 - 157

Electrical protection class: I; II

WORK PARAMETERS

Energy efficiency class: B - E

Technical warranty: 5 years (extendable to 10)

PHOTOMETRICAL PARAMETERS

Luminous flux [lm]: 1075 - 20125

Luminous efficacy [lm/W]: 101 - 165

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	1250	156	C	4000	70	II	RM7	yes	>> 411403
10	1550	155	C	4000	70	II	RM7	yes	>> 411410
12	1825	152	C	4000	70	II	RM7	yes	>> 411427
14	2100	150	C	4000	70	II	RM7	yes	>> 411434
15	2225	148	C	4000	70	II	RM7	yes	>> 411441
18	2850	158	B	4000	70	II	RM7	yes	>> 411458
20	3300	165	B	4000	70	II	RM7	yes	>> 411465
21	3200	152	C	4000	70	II	RM7	yes	>> 411472
26	3950	152	C	4000	70	II	RM7	yes	>> 411499
30	4750	158	B	4000	70	II	RM7	yes	>> 411496
31	4650	150	C	4000	70	II	RM7	yes	>> 411502
32	5250	164	B	4000	70	II	RM7	yes	>> 411519
34	5400	159	B	4000	70	II	RM7	yes	>> 411526
35	5675	162	B	4000	70	II	RM7	yes	>> 411533
36	5400	150	C	4000	70	II	RM7	yes	>> 411540
39	6375	164	B	4000	70	II	RM7	yes	>> 411564
43	6975	162	B	4000	70	II	RM7	yes	>> 411571
49	7900	161	B	4000	70	II	RM7	yes	>> 411588
52	7675	148	C	4000	70	II	RM7	yes	>> 411595
54	8475	157	C	4000	70	II	RM7	yes	>> 411601
59	9350	159	B	4000	70	II	RM7	yes	>> 411618
63	9925	158	B	4000	70	II	RM7	yes	>> 411625
69	10825	157	C	4000	70	II	RM7	yes	>> 411632

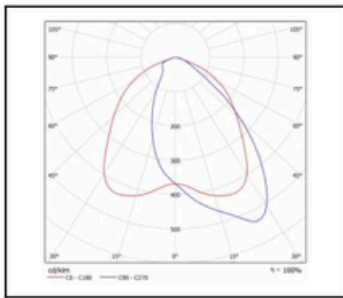
Rated power [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Energy class	Colour temp [K]	CRI	Electrical class	Optics	DALI	Index
76	10375	137	C	4000	70	II	RM7	yes	>> 411649
78	11500	147	C	4000	70	II	RM7	yes	>> 411656
85	12350	145	C	4000	70	II	RM7	yes	>> 411663
89	12925	145	C	4000	70	II	RM7	yes	>> 411670
94	13650	145	C	4000	70	II	RM7	yes	>> 411687
98	14225	145	C	4000	70	II	RM7	yes	>> 411694
110	14950	136	D	4000	70	II	RM7	yes	>> 411700
118	15725	133	D	4000	70	II	RM7	yes	>> 411717
126	16875	134	D	4000	70	II	RM7	yes	>> 411724
140	18500	132	D	4000	70	II	RM7	yes	>> 411731
157	20125	128	D	4000	70	II	RM7	yes	>> 411748

OPTIX LED M HE

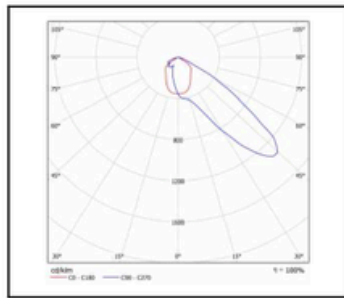
Rated power [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Energy class	Colour temp [K]	CRI	Electrical class	Optics	DALI	Index
20	3800	190	A	4000	70	II	RM7HE	yes	>> 841682
21	3675	175	B	4000	70	II	RM7HE	yes	>> 841699
31	5300	171	B	4000	70	II	RM7HE	yes	>> 841729
32	5975	187	A	4000	70	II	RM7HE	yes	>> 841736
35	7225	206	A	4000	70	II	RM7HE	yes	>> 841750
36	6525	181	A	4000	70	II	RM7HE	yes	>> 841767
39	7775	199	A	4000	70	II	RM7HE	yes	>> 841774
43	8150	190	A	4000	70	II	RM7HE	yes	>> 841781
49	9250	189	A	4000	70	II	RM7HE	yes	>> 841798
52	9000	173	B	4000	70	II	RM7HE	yes	>> 841804
59	10800	183	A	4000	70	II	RM7HE	yes	>> 841828

Rated power [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Energy class	Colour temp [K]	CRI	Electrical class	Optics	DALI	Index
63	11525	183	A	4000	70	II	RM7HE	yes	>> 841835
69	12725	184	A	4000	70	II	RM7HE	yes	>> 841842
76	12125	160	B	4000	70	II	RM7HE	yes	>> 841859
85	14700	173	B	4000	70	II	RM7HE	yes	>> 841873
89	15475	174	B	4000	70	II	RM7HE	yes	>> 841880
94	16450	175	B	4000	70	II	RM7HE	yes	>> 841897
98	17250	176	B	4000	70	II	RM7HE	yes	>> 841903
118	19325	164	B	4000	70	II	RM7HE	yes	>> 841927
126	20900	166	B	4000	70	II	RM7HE	yes	>> 841934
140	22375	160	B	4000	70	II	RM7HE	yes	>> 841941
157	24350	155	C	4000	70	II	RM7HE	yes	>> 841958

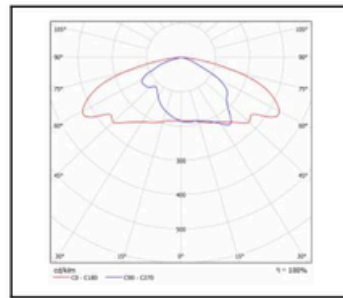
PHOTOMETRY



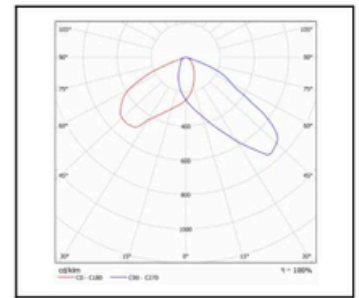
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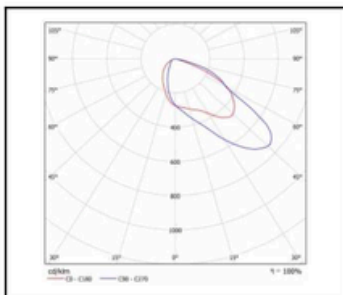
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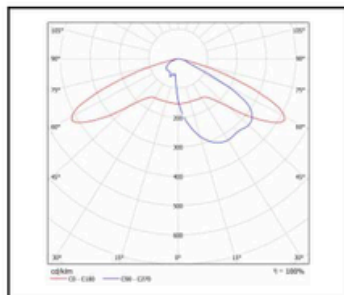
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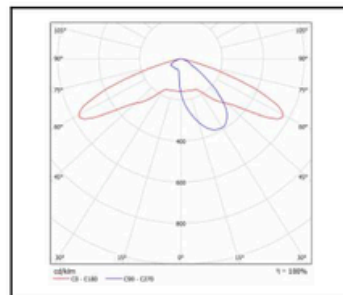
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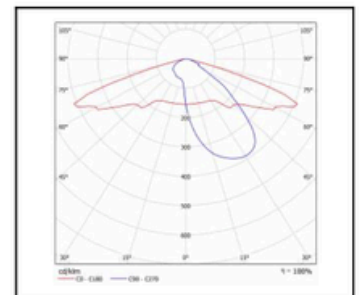
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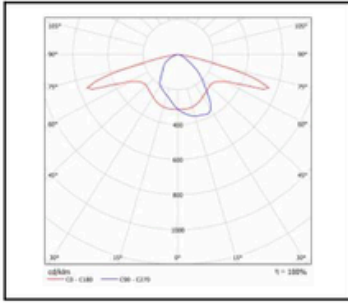
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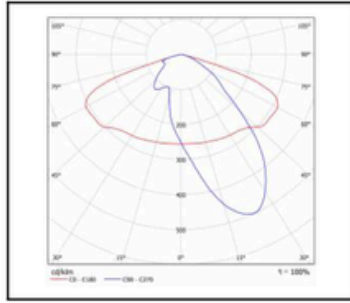
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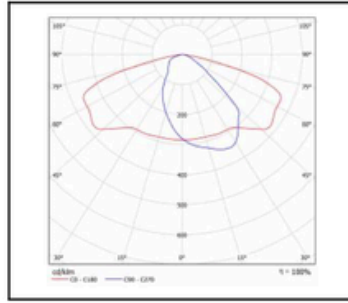
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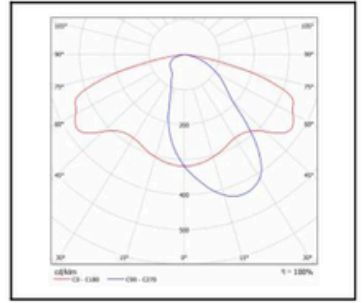
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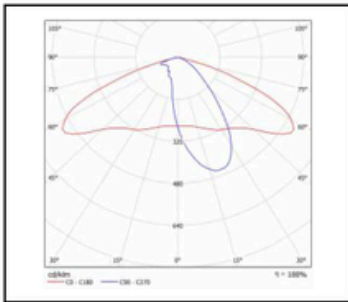
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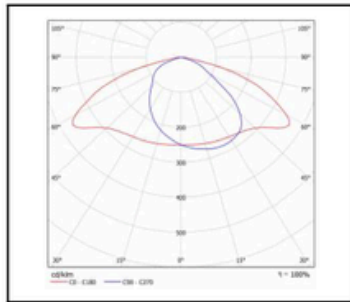
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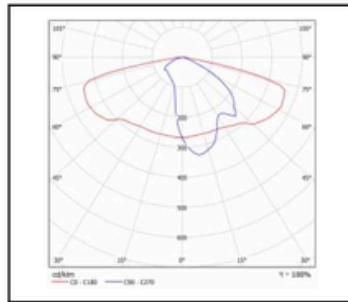
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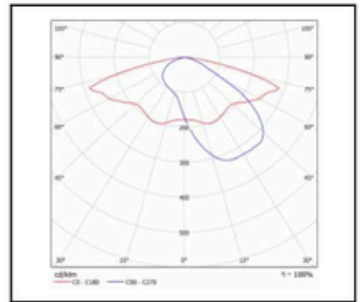
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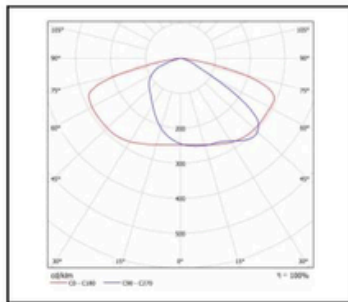
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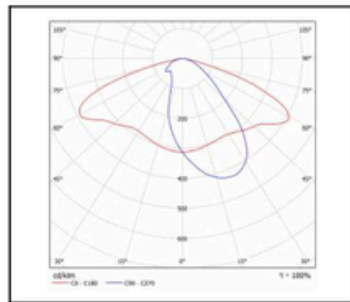
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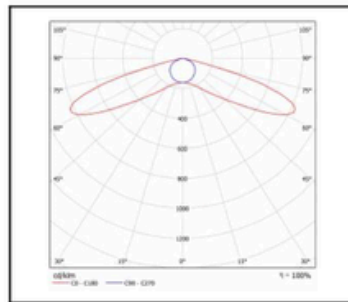
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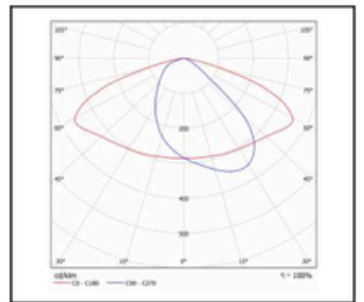
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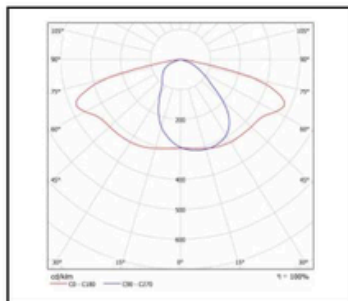
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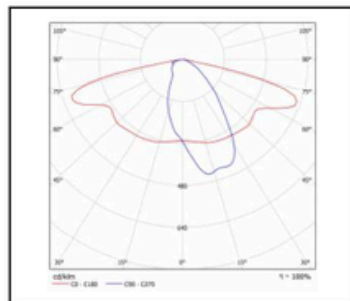
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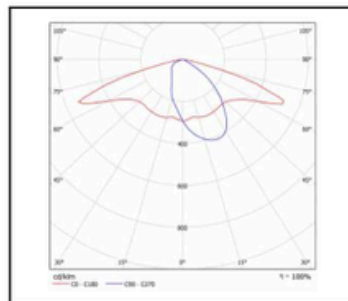
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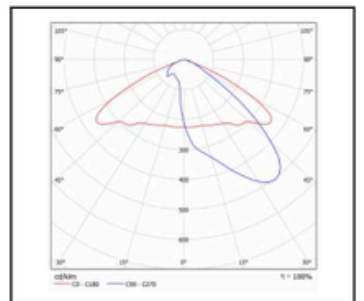
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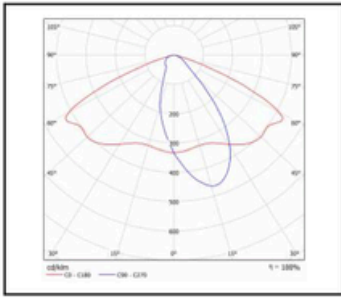
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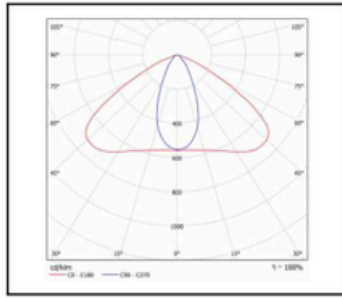
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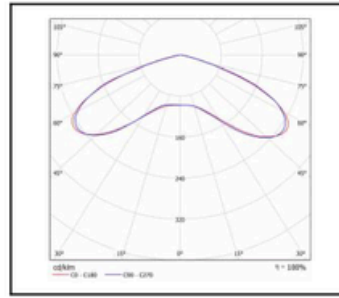
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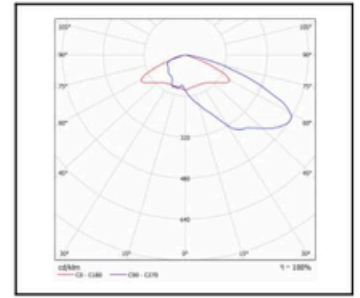
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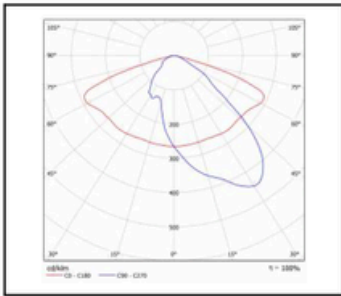
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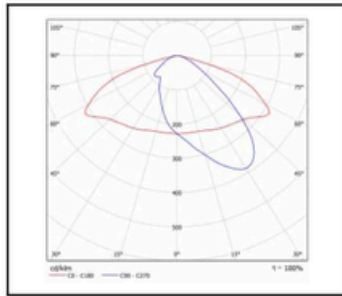
RP



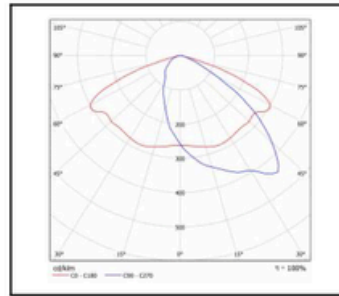
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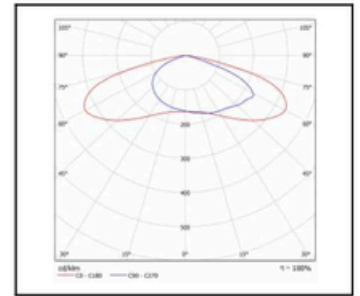
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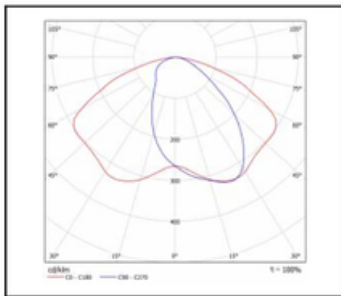
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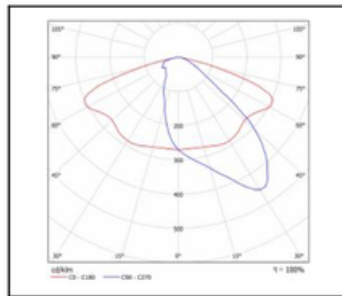
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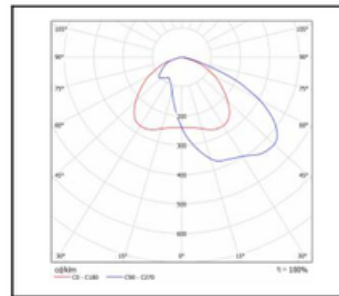
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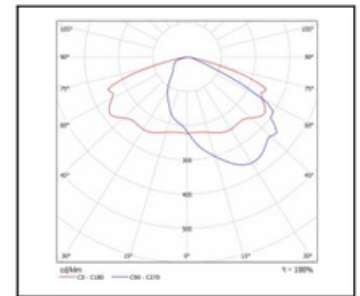
RW6



RW7





RW8



RW9

ACCESSORIES

Index	Name
	wall holder (galvanized)
	wall holder (grey)
842108	Backshield T (back) Optix LED M RAL9006
842115	Backshield P (right) Optix LED M RAL9006
842122	Backshield L (left) Optix LED M RAL9006