
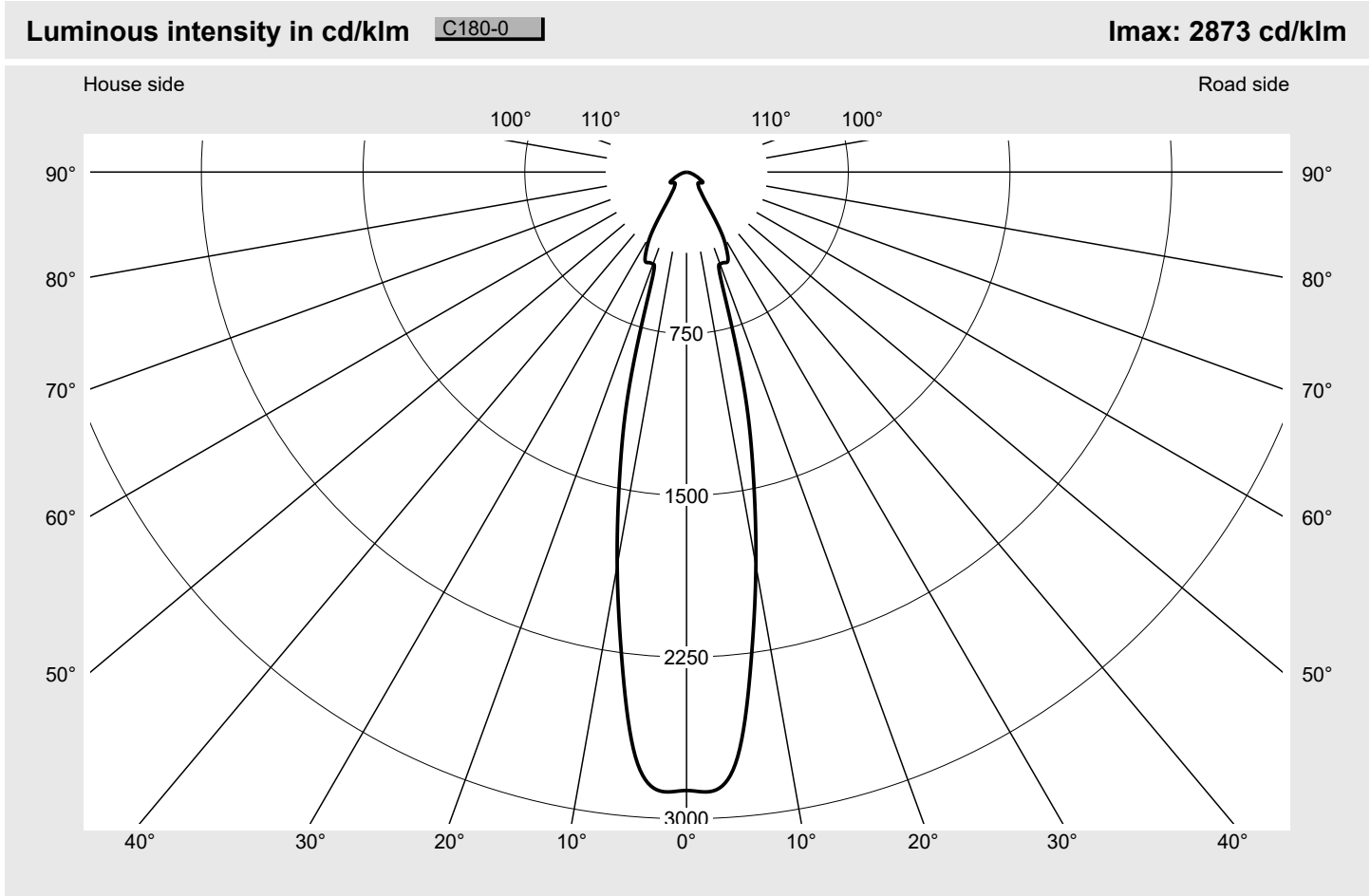


Photometric test report

Family Floodlight FL11 	Order number: 5XA779228M01BA EAN: 4058352607411	LP number 59238_172
	Version standard bracket Optic symmetric distribution RS12 Cover toughened safety glass Lamps LED 5700 K CRI ≥ 80 Controlgear ECG-DMX Rated values Ta = 10 °C Net luminous flux = 135760 lm Power consumption = 1080.6 W Luminous efficacy = 125.6 lm/W	serial documentation 15.09.2023



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	36.4
Imax 80°	9.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
 DIN EN 13032 and DIN 5032

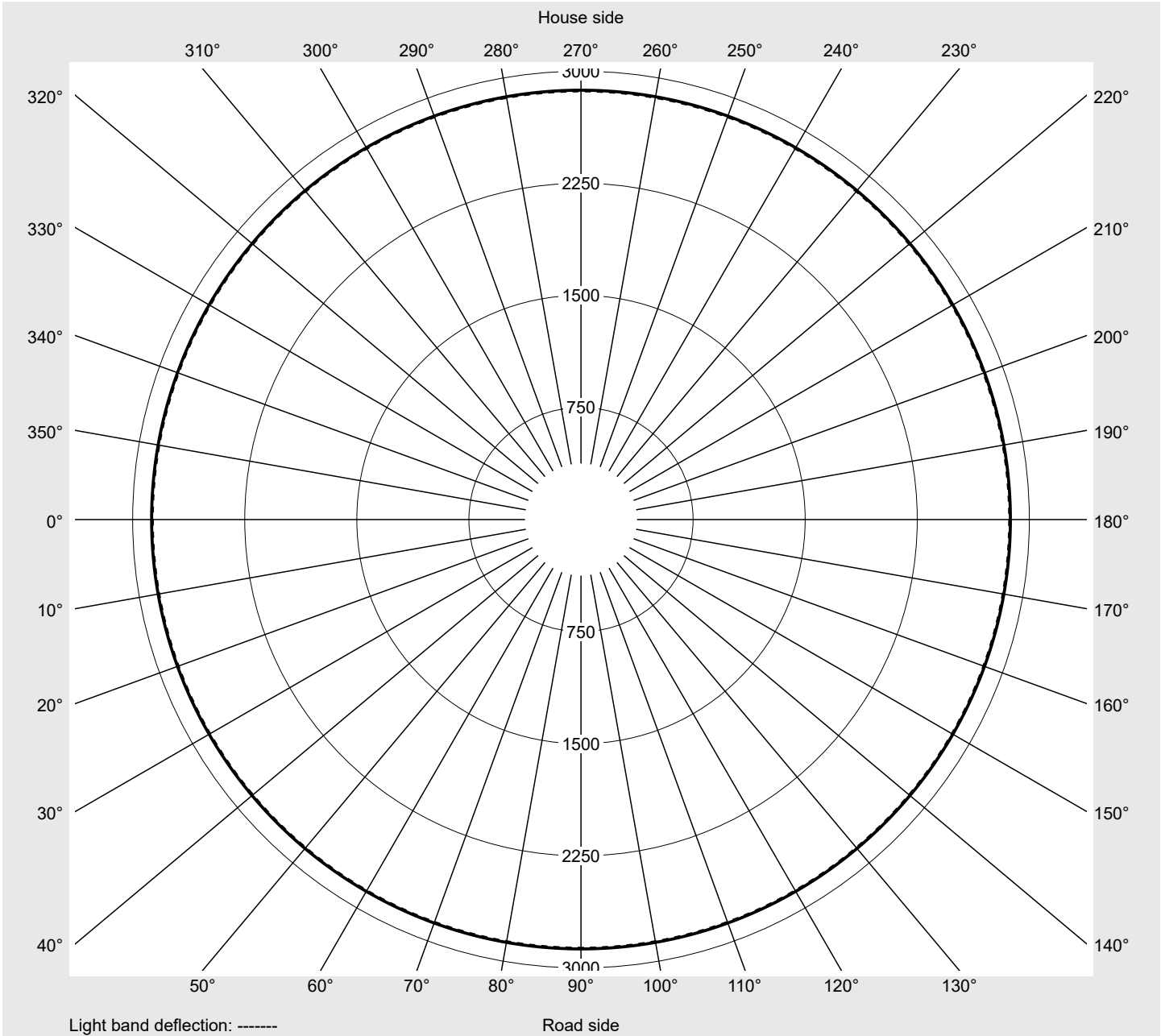
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Envelope curve in cd/klm KMK 2.5° KMK 0°



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Table of values for luminous intensities	Maximum luminous intensity
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C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	2868.8	4.3	4.3
2,5°	2873.2	34.4	38.6
5,0°	2722.5	65.0	103.7
7,5°	2292.0	82.0	185.7
10,0°	1852.6	88.2	273.9
12,5°	1427.9	84.7	358.6
15,0°	1018.5	72.3	430.9
17,5°	552.2	45.5	476.4
20,0°	453.7	42.5	518.9
22,5°	454.7	47.7	566.6
25,0°	454.2	52.6	619.2
27,5°	400.1	50.6	669.9
30,0°	317.0	43.5	713.3
32,5°	178.5	26.3	739.6
35,0°	121.9	19.2	758.8
37,5°	96.3	16.1	774.9
40,0°	86.4	15.2	790.1
42,5°	78.8	14.6	804.7
45,0°	75.0	14.5	819.2
47,5°	74.2	15.0	834.2
50,0°	76.8	16.1	850.4
52,5°	82.1	17.9	868.2
55,0°	87.5	19.7	887.9
57,5°	89.5	20.7	908.6
60,0°	83.0	19.7	928.3
62,5°	67.2	16.3	944.6
65,0°	57.1	14.2	958.8
67,5°	43.9	11.1	969.9
70,0°	36.4	9.4	979.3
72,5°	27.1	7.1	986.4
75,0°	21.2	5.6	992.0
77,5°	13.7	3.7	995.6
80,0°	9.1	2.5	998.1
82,5°	4.7	1.3	999.4
85,0°	1.8	0.5	999.9
87,5°	0.5	0.1	1000.0
90,0°	0.0	0.0	1000.0

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Dimming levels table

environmental temperature: 10°C

siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	135760	1080.6
95	238	128947	1005.8
90	222	122182	935.6
85	206	115511	865.6
80	192	108646	805.2
75	177	101815	741.1
70	163	95060	681.5
65	150	88006	626.1
60	137	81553	571.6
55	122	74443	508.1
50	111	67993	462.3
45	98	60808	408.4
40	86	54015	357.9
35	75	47524	312.8
30	62	40487	259.3
25	53	34149	223.3
20	41	26994	175.1
15	30	20120	131.1
10	20	13938	91.1
5	9	6491	47.9
2	3	2472	22.9

Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
90	----	----	----
89	216	116402	901.8
85	204	111663	850.2
80	189	104935	785.9
75	174	98131	721.9
70	160	91606	662.7
65	148	85127	612.1
60	134	78653	553.2
55	120	71960	494.8
50	108	65315	445.4
45	96	58729	396.0
40	85	52657	350.2
35	73	45583	301.3
30	61	39345	252.6
25	51	32633	212.8
20	40	26082	169.2
15	30	19912	129.6
10	19	13042	86.3
5	9	6434	47.3
2	3	2451	22.6

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Luminousfluxs table **siteco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	135760.0	1080.6
25.0	116990.0	908.7