

Photometric test report

Family
Floodlight FL11

Order number: 5XA779524L01BA
EAN: 4058352574331

LP number
59237_30



Version standard bracket
Optic symmetric distribution RS8
Cover toughened safety glass
Lamps LED 5700 K | CRI ≥ 90
Controlgear ECG-DMX
Rated values Ta = 10 °C
 Net luminous flux = 107210 lm
 Power consumption = 1020.5 W
 Luminous efficacy = 105.1 lm/W

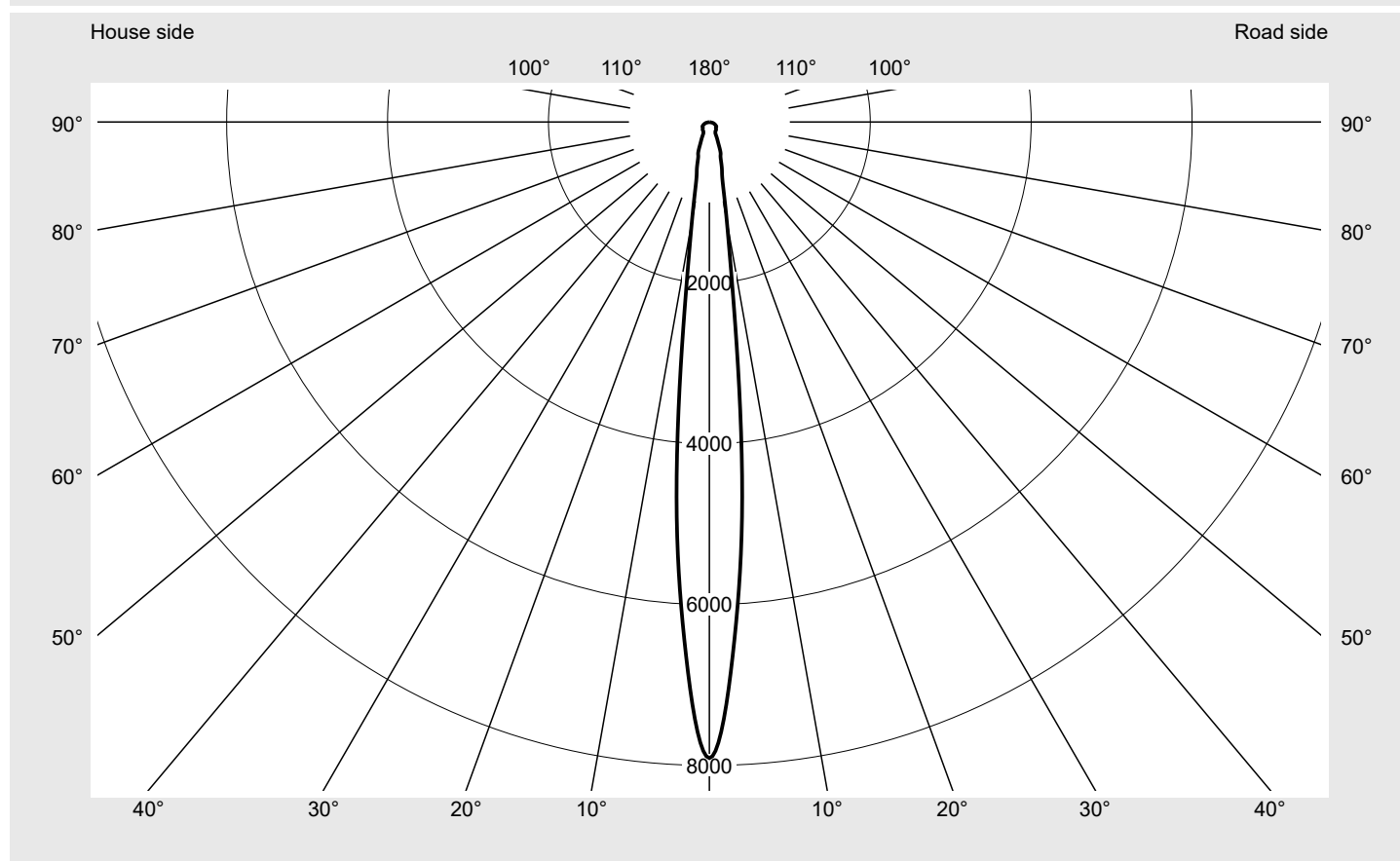
serial
documentation
19.09.2023

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Luminous intensity in cd/klm

C180-0

Imax: 7909 cd/klm



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°	63.7
Imax 80°	22.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

DIN EN 13032 and DIN 5032

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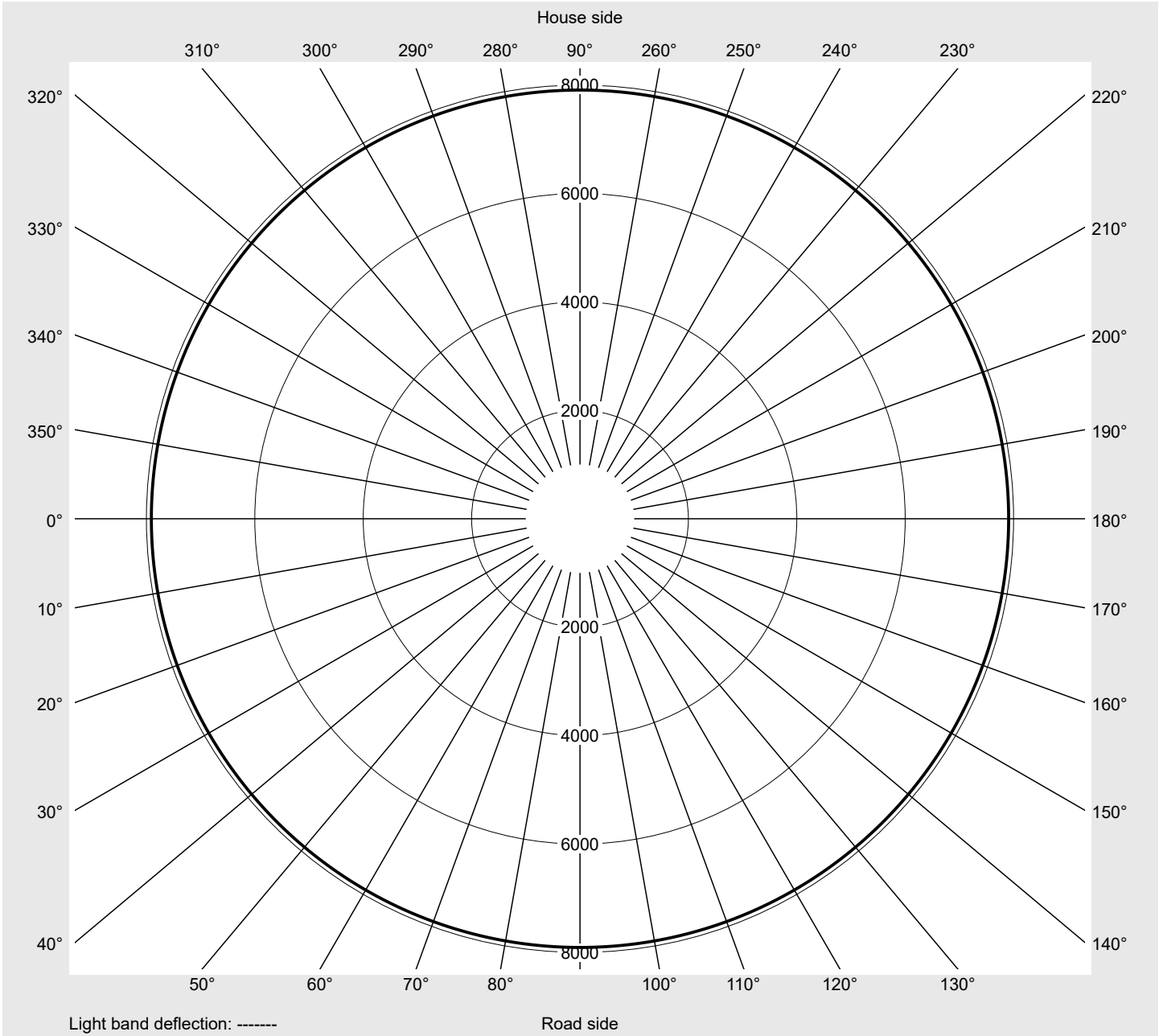
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Envelope curve in cd/klm

KMK 0°

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Table of values for luminous intensities Maximum luminous intensity		sITeco

C- planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
0,0°	7908.7	11.8	11.8
2,5°	6642.6	79.4	91.3
5,0°	4680.0	111.8	203.1
7,5°	2362.6	84.5	287.6
10,0°	1245.2	59.3	346.9
12,5°	761.9	45.2	392.1
15,0°	601.1	42.6	434.7
17,5°	463.2	38.2	472.9
20,0°	407.3	38.2	511.1
22,5°	297.2	31.2	542.3
25,0°	225.8	26.2	568.5
27,5°	165.5	21.0	589.4
30,0°	149.4	20.5	609.9
32,5°	138.7	20.4	630.3
35,0°	134.9	21.2	651.5
37,5°	131.5	21.9	673.5
40,0°	129.4	22.8	696.3
42,5°	123.9	23.0	719.2
45,0°	117.1	22.7	741.9
47,5°	108.7	22.0	763.9
50,0°	107.0	22.5	786.3
52,5°	106.2	23.1	809.4
55,0°	105.1	23.6	833.1
57,5°	102.0	23.6	856.6
60,0°	96.3	22.9	879.5
62,5°	86.5	21.0	900.5
65,0°	80.4	20.0	920.5
67,5°	70.4	17.8	938.3
70,0°	63.7	16.4	954.7
72,5°	53.3	13.9	968.7
75,0°	45.7	12.1	980.8
77,5°	32.3	8.6	989.4
80,0°	22.6	6.1	995.5
82,5°	11.8	3.2	998.7
85,0°	3.8	1.0	999.8
87,5°	0.9	0.2	1000.0
90,0°	0.0	0.0	1000.0

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Dimming levels table environmental temperature: 10°C		

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	107210	1020.5
95	238	101866	949.9
90	222	96600	883.5
85	207	90968	822.1
80	192	85703	761.4
75	178	80498	704.6
70	164	75006	649.0
65	152	69744	600.1
60	136	64311	536.2
55	124	59086	488.9
50	111	53470	437.8
45	99	48108	390.7
40	87	42830	343.0
35	76	37546	300.2
30	63	32039	249.8
25	53	26884	211.8
20	42	21649	170.1
15	31	16275	128.5
10	20	10834	87.1
5	10	5602	49.8
2	3	1952	22.2

Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	237	98550	938.4
90	220	93346	868.5
85	206	88277	811.4
80	190	82954	746.8
75	176	77955	690.6
70	162	72550	635.1
65	150	67610	586.1
60	134	62401	523.4
55	122	57116	476.5
50	110	52142	429.6
45	98	46877	383.0
40	85	41328	331.7
35	75	36519	293.2
30	62	31018	243.4
25	52	26099	205.7
20	41	20928	164.5
15	30	15531	123.8
10	19	10159	82.5
5	9	5072	45.4
2	3	1936	21.9

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Luminousfluxs table		siteco

Temperature °C	Luminous flux lm	Power consumption W
10.0	107210.0	1020.5
25.0	103860.0	1012.8