
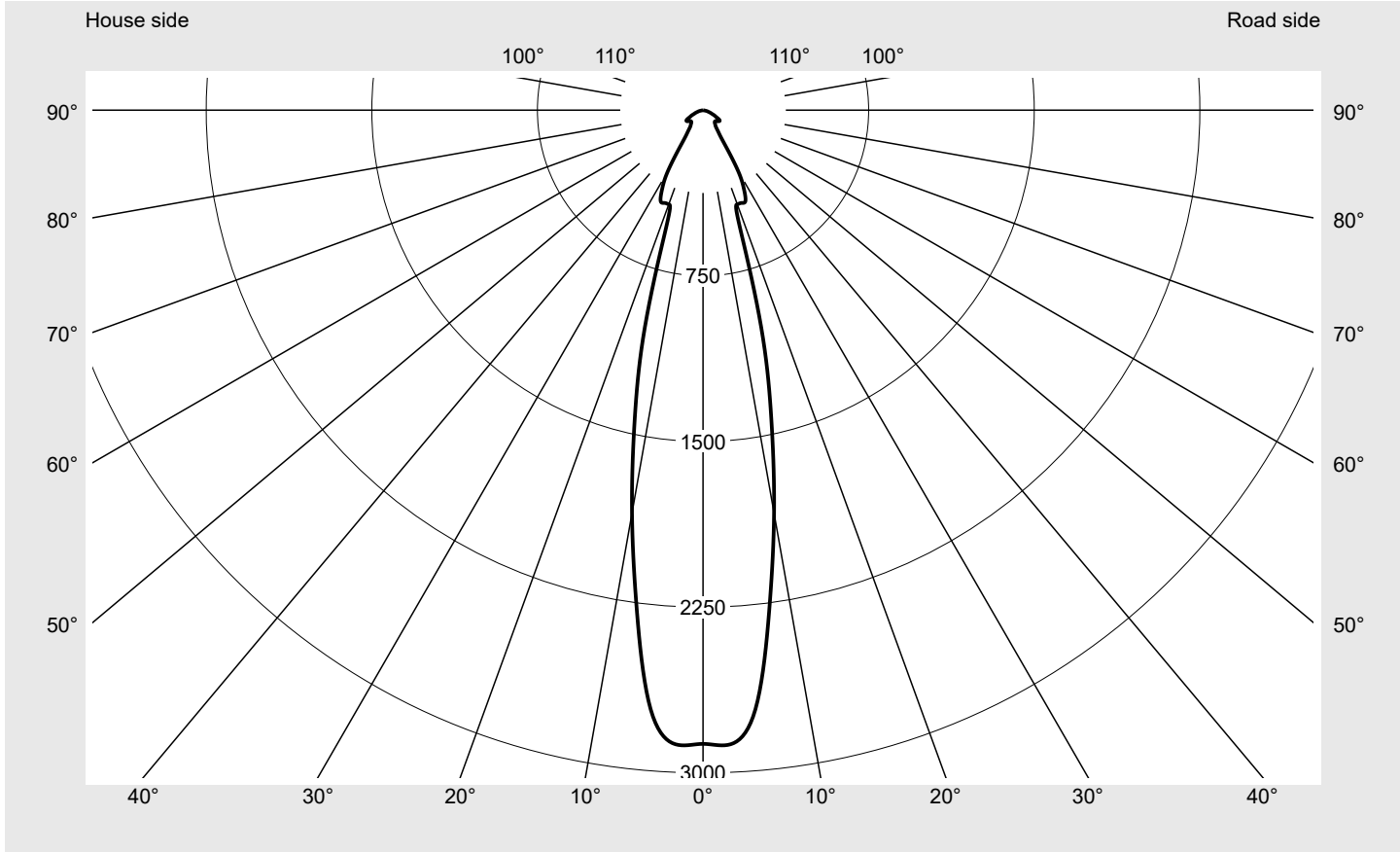


Photometric test report

Family Floodlight FL11 	Order number: 5XA779514M01AA EAN: 4058352574157	LP number 59238_12
	Version standard bracket Optic symmetric distribution RS12 Cover toughened safety glass Lamps LED 5700 K CRI ≥ 90 Controlgear ECG Rated values Ta = 10 °C Net luminous flux = 90180 lm Power consumption = 916.8 W Luminous efficacy = 98.4 lm/W	serial documentation 14.03.2023



Luminous intensity in cd/klm C180-0 **Imax: 2873 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°	36.4
Imax 80°	9.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

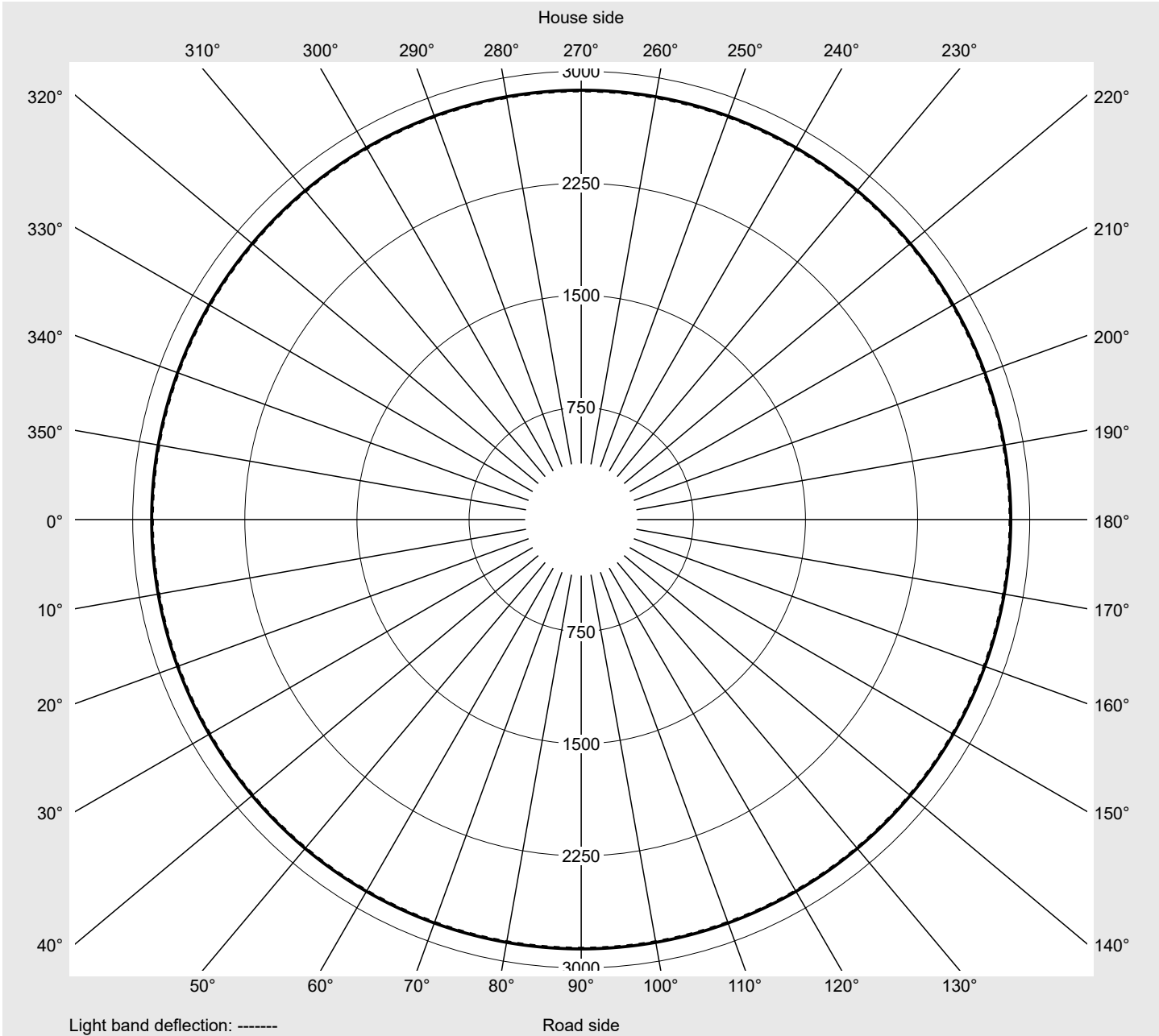
Measurement conditions

DIN EN 13032 and DIN 5032

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



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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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Family
Floodlight FL11

Order number: 5XA779514M01AA
EAN: 4058352574157

LP number
59238_12

Dimming levels table

environmental temperature: 10°C

siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	90180	916.8
95	233	85648	838.6
90	215	81149	771.6
85	199	76752	712.7
80	183	72066	653.5
75	169	67676	601.9
70	155	63136	551.1
65	142	58744	504.2
60	129	54221	457.6
55	116	49472	411.7
50	104	45105	368.4
45	92	40460	326.3
40	81	36076	287.6
35	70	31603	248.9
30	59	26985	210.4
25	49	22733	176.2
20	38	17882	138.7
15	28	13435	104.9
10	18	8847	71.2
5	9	4611	41.3
1	2	1250	16.8

Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
91	215	78311	766.2
90	211	77337	751.3
85	194	72974	688.6
80	179	68806	633.8
75	164	64367	579.1
70	151	60285	531.9
65	137	55744	481.9
60	125	51703	439.2
55	113	47413	396.7
50	100	42817	351.1
45	89	38611	312.6
40	78	34321	274.4
35	67	29956	235.8
30	57	25815	201.4
25	47	21575	167.4
20	37	17238	133.8
15	27	12850	100.3
10	18	8764	70.4
5	8	4096	37.5
1	2	1240	16.6

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	90180.0	916.8
25.0	78490.0	769.0