
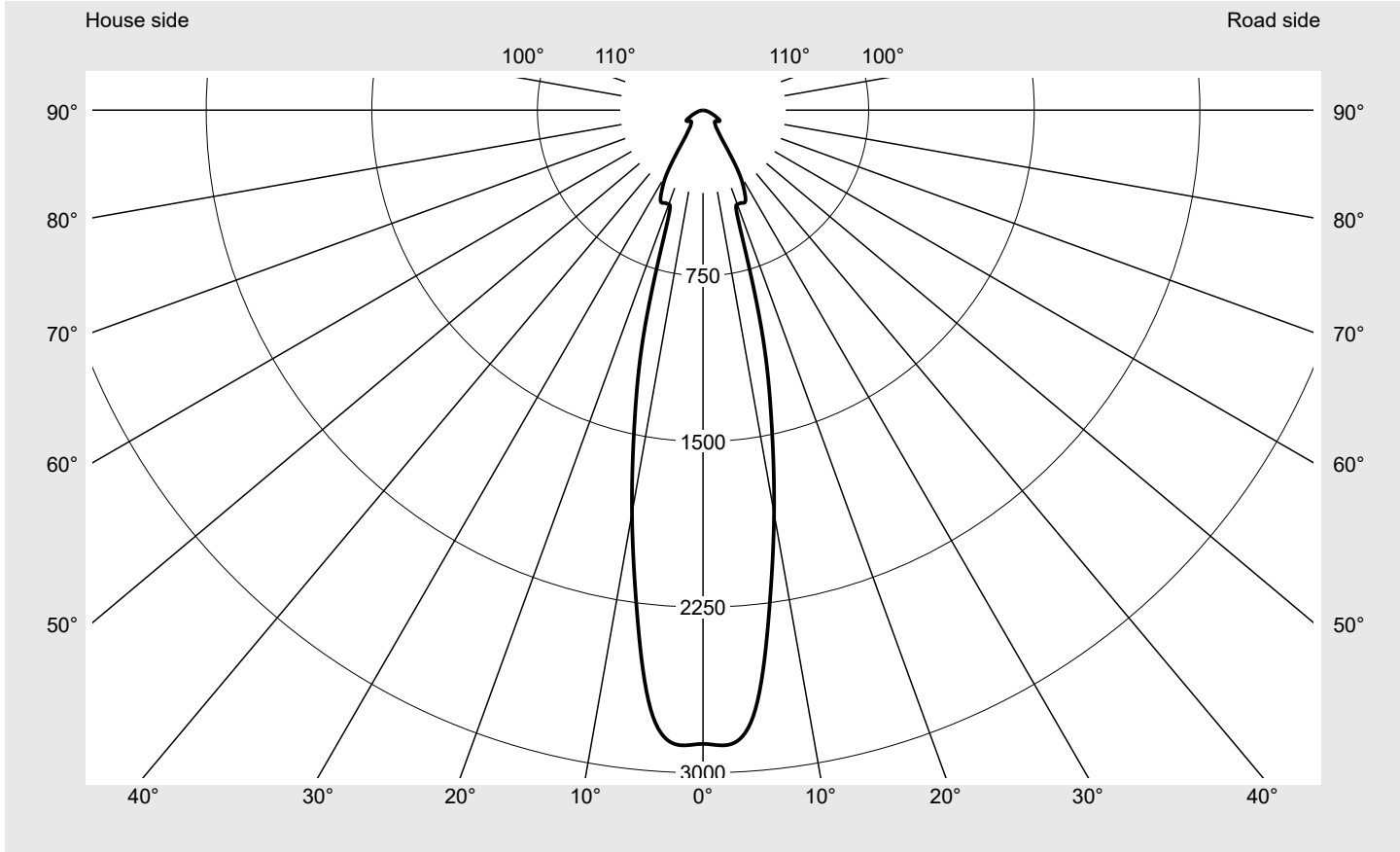


Photometric test report

Family Floodlight FL11	Order number: 5XA779124M01BA EAN: 4058352537374	LP number 59238_166
	Version standard bracket Optic symmetric distribution RS12 Cover toughened safety glass Lamps LED 5700 K CRI ≥ 90 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 110330 lm Power consumption = 1020.5 W Luminous efficacy = 108.1 lm/W	serial documentation 15.09.2023



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%

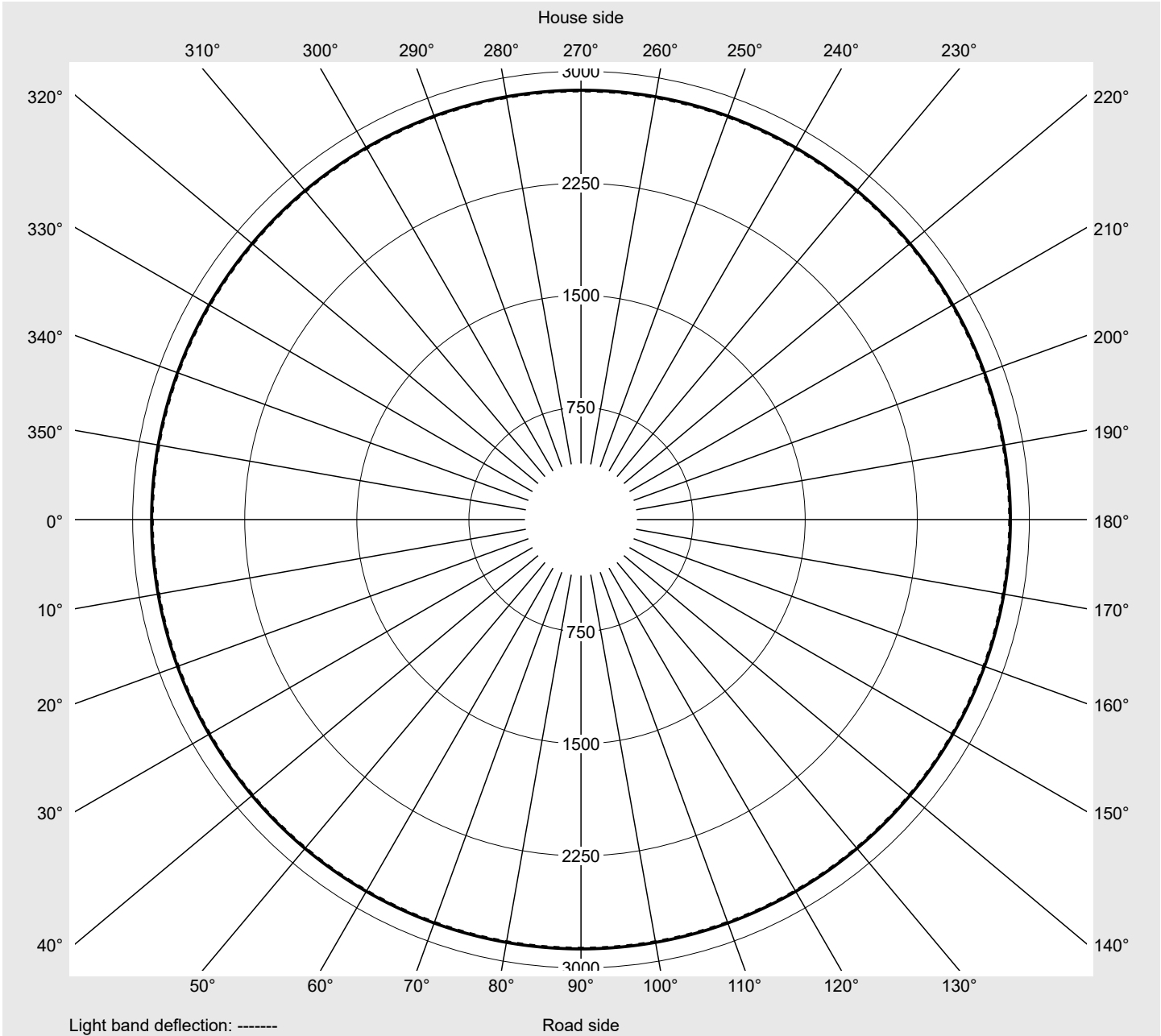
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	36.4
Imax 80°	9.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm	KMK 2.5°	KMK 0°	
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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
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	110330	1020.5
95	237	251	104805	949.6
90	221	249	99368	883.0
85	207	247	93942	825.5
80	191	244	88107	760.4
75	177	241	82725	703.4
70	163	238	77027	647.6
65	151	235	71608	598.3
60	136	231	66361	538.3
55	123	227	60555	486.9
50	111	224	55213	439.5
45	99	219	49699	392.2
40	87	215	44231	344.3
35	76	210	38797	301.3
30	63	203	33129	250.8
25	53	197	27757	212.6
20	41	187	21864	167.0
15	31	177	16810	129.0
10	20	161	11198	87.4
5	9	132	5284	46.1
2	3	91	2015	22.2

Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
99	251	254	106051	1000.4
95	236	251	101391	938.1
90	220	249	96328	871.9
85	205	246	90776	810.6
80	190	243	85629	749.8
75	175	240	80108	689.4
70	162	238	74937	637.7
65	149	234	69428	584.3
60	133	230	64029	521.5
55	122	227	58997	478.4
50	109	223	53405	427.4
45	97	219	47960	380.6
40	85	214	42679	333.0
35	74	209	37266	290.5
30	62	202	32072	244.3
25	52	196	26954	206.5
20	41	187	21615	165.1
15	30	176	16054	124.2
10	19	159	10497	82.8
5	9	132	5237	45.5
2	3	91	1999	21.9

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	110330.0	1020.5
25.0	106880.0	1012.8