
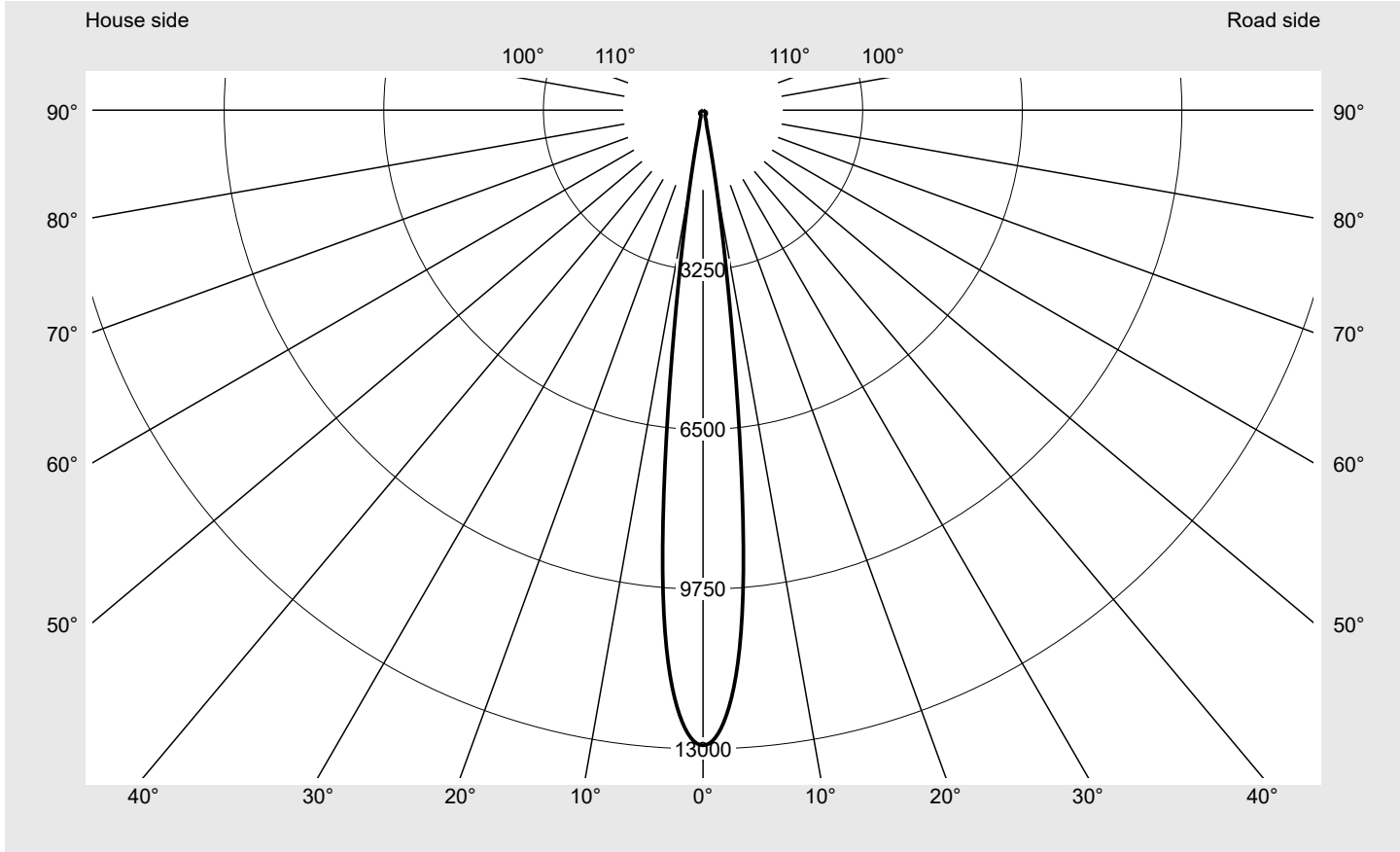


Photometric test report

Family Floodlight FL11 	Order number: 5XA779127K01AA EAN: 4058352848944	LP number 59243_53
	Version standard bracket Optic symmetric distribution RS7 Cover toughened safety glass Lamps LED 5000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 176420 lm Power consumption = 1425.5 W Luminous efficacy = 123.8 lm/W	serial documentation 02.11.2023



Luminous intensity in cd/klm C180-0 **Imax: 12929 cd/klm**



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

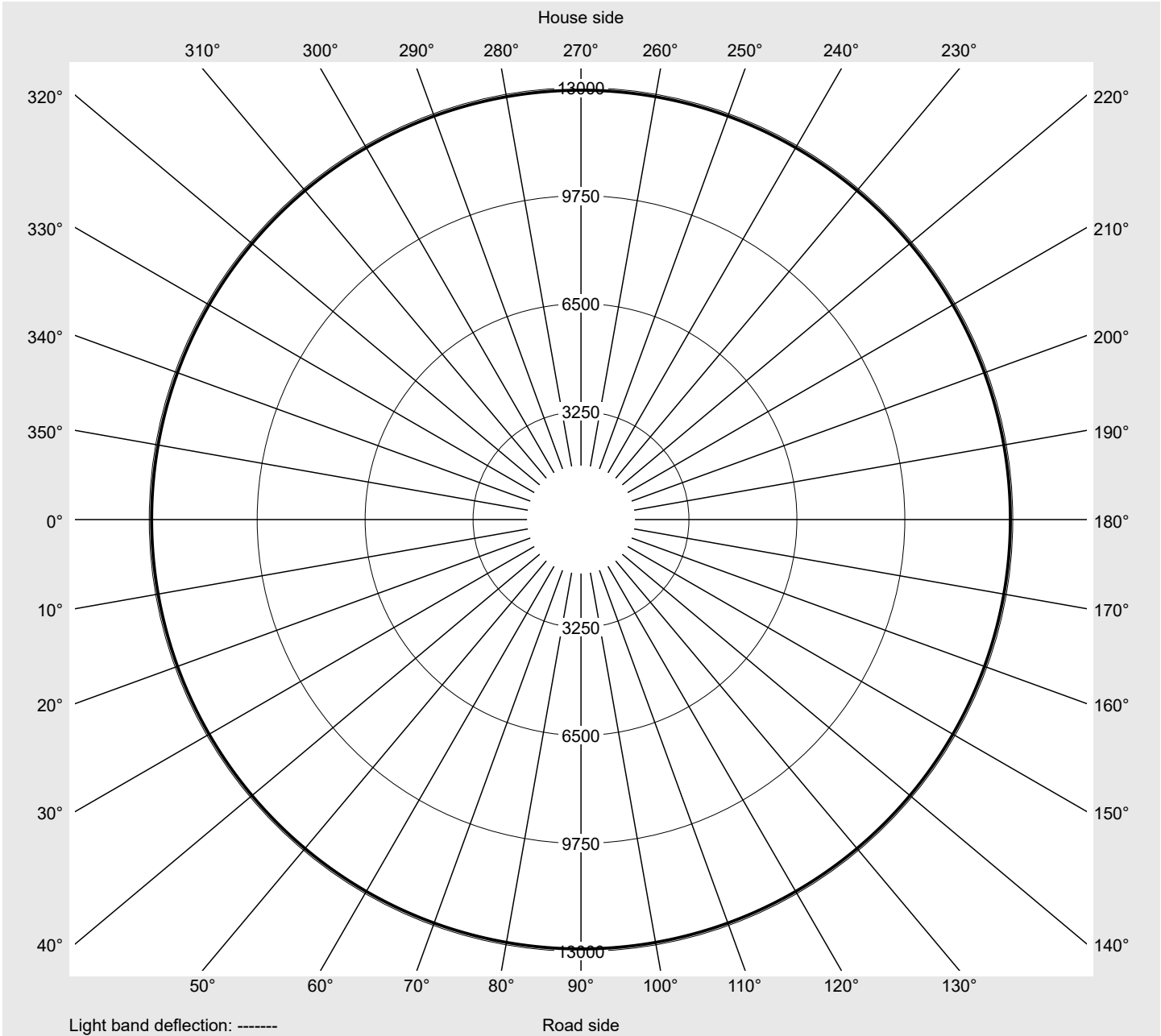
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	32.2
Imax 80°	9.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 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°	12928.5	19.3	19.3
2,5°	12155.1	145.3	164.7
5,0°	9429.6	225.3	390.0
7,5°	4513.6	161.5	551.5
10,0°	1472.8	70.1	621.6
12,5°	415.2	24.6	646.2
15,0°	263.7	18.7	664.9
17,5°	162.1	13.4	678.3
20,0°	130.6	12.2	690.5
22,5°	112.3	11.8	702.3
25,0°	105.2	12.2	714.5
27,5°	97.5	12.3	726.8
30,0°	94.5	13.0	739.8
32,5°	92.2	13.6	753.4
35,0°	95.7	15.0	768.4
37,5°	101.4	16.9	785.3
40,0°	100.3	17.7	803.0
42,5°	98.3	18.2	821.2
45,0°	95.8	18.6	839.8
47,5°	89.5	18.1	857.9
50,0°	84.2	17.7	875.6
52,5°	78.5	17.1	892.6
55,0°	73.0	16.4	909.0
57,5°	65.8	15.2	924.2
60,0°	60.8	14.4	938.6
62,5°	50.3	12.2	950.9
65,0°	45.2	11.2	962.1
67,5°	37.3	9.4	971.5
70,0°	32.2	8.3	979.8
72,5°	25.5	6.7	986.5
75,0°	20.5	5.4	991.9
77,5°	14.0	3.7	995.7
80,0°	9.3	2.5	998.2
82,5°	4.6	1.3	999.4
85,0°	1.6	0.4	999.9
87,5°	0.4	0.1	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	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	176420	1425.5
95	232	251	167789	1297.9
90	213	248	158864	1188.0
85	196	245	149923	1090.3
80	181	242	141218	1003.6
75	167	239	132555	922.5
70	153	235	123815	842.9
65	139	232	114426	764.2
60	127	229	106178	696.9
55	115	225	97027	629.9
50	103	221	88431	563.3
45	90	216	79028	491.7
40	79	211	70188	431.9
35	69	206	61945	377.6
30	58	200	52814	317.3
25	47	192	44130	258.0
20	38	184	35443	210.5
15	28	173	26651	157.9
10	19	159	17928	111.2
5	9	132	9021	59.2
1	2	77	2419	21.2

Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
95	---	---	---	---
93	219	249	156282	1214.1
90	209	247	151710	1156.4
85	192	244	143068	1058.7
80	176	241	134697	966.7
75	162	238	126460	886.6
70	149	235	118099	813.3
65	135	231	109319	735.1
60	123	228	101314	668.6
55	112	224	92781	608.1
50	98	219	83999	530.4
45	88	215	76039	476.2
40	77	210	67512	416.8
35	66	205	58701	356.7
30	56	199	50274	303.2
25	46	192	42604	250.0
20	36	183	33354	197.8
15	27	172	25505	151.2
10	18	157	16987	104.4
5	8	127	8041	53.3
1	2	77	2400	20.9

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	176420.0	1425.5
25.0	156850.0	1221.6