
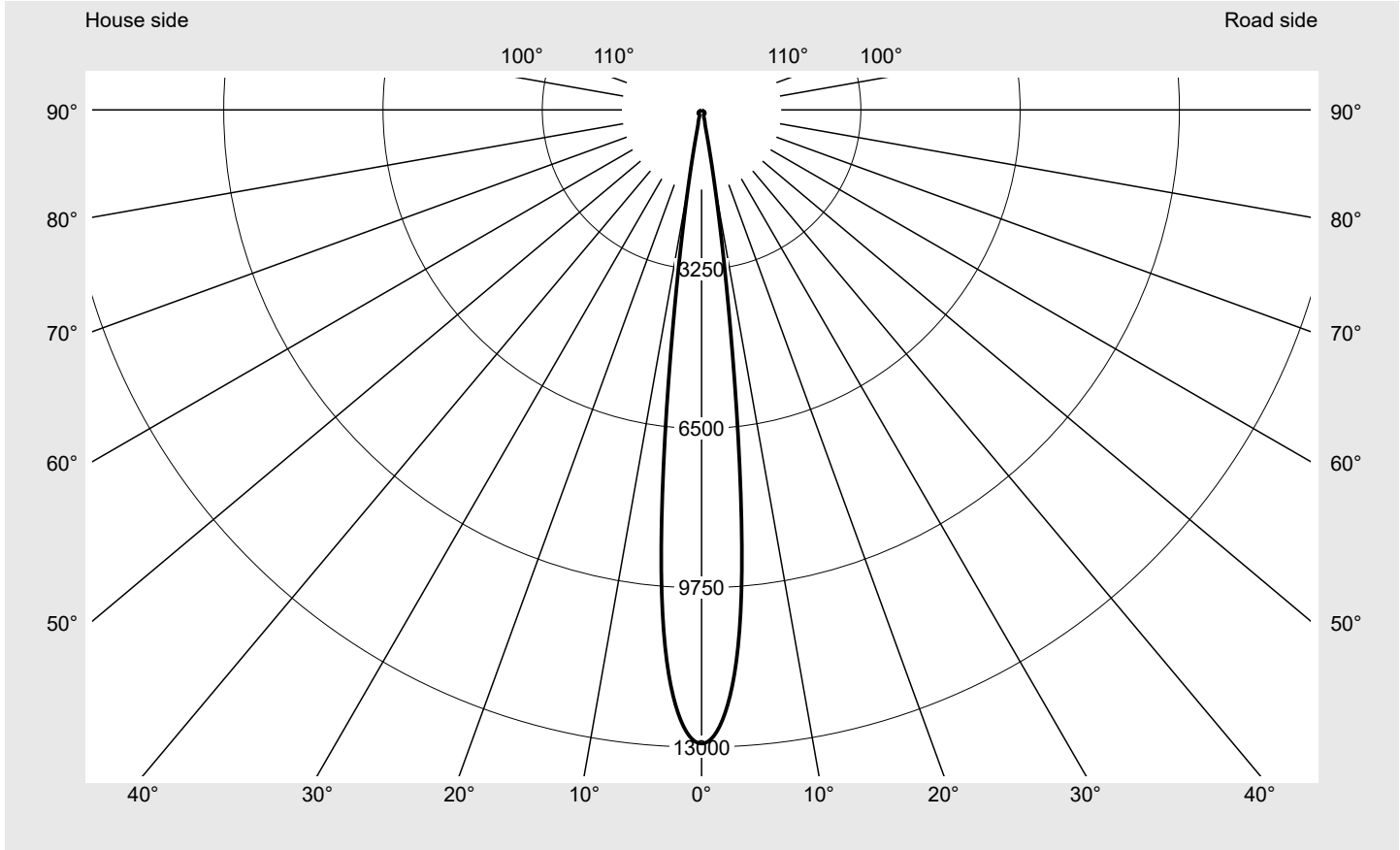


Photometric test report

Family Floodlight FL11	Order number: 5XA779426K01AA EAN: 4058352905692	LP number 59243_52
	Version standard bracket Optic symmetric distribution RS7 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 171860 lm Power consumption = 1387.6 W Luminous efficacy = 123.9 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

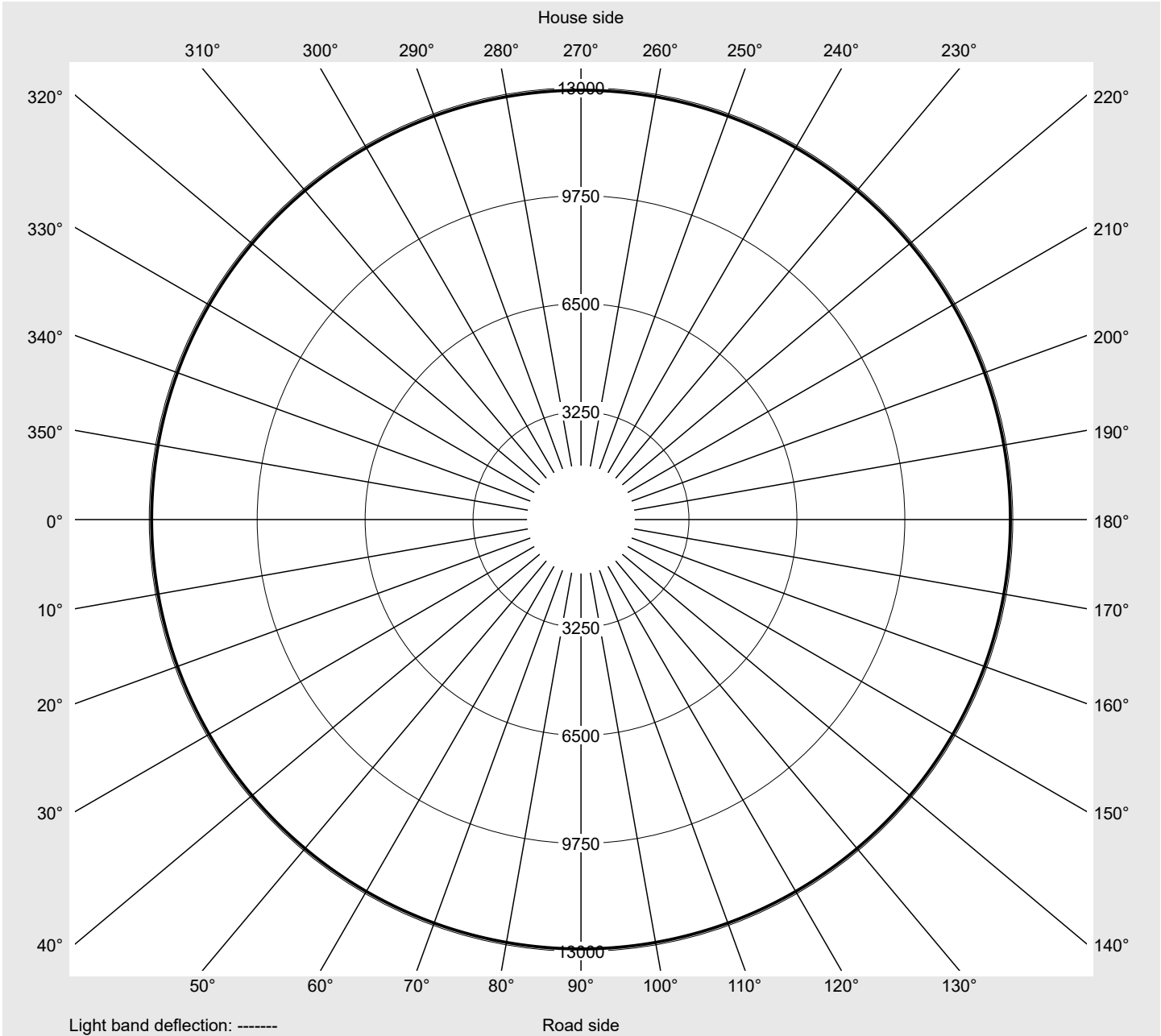
Measurement conditions

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	171860	1387.6
95	233	251	163455	1269.1
90	214	248	154550	1162.0
85	198	245	146145	1072.1
80	182	242	137400	982.0
75	168	239	129016	903.8
70	154	236	120135	826.3
65	141	232	111958	755.0
60	128	229	103258	684.1
55	116	225	94242	618.9
50	103	221	85766	548.6
45	91	216	76939	484.7
40	80	212	68514	426.3
35	69	206	59890	367.6
30	59	201	51749	314.6
25	48	193	43414	256.7
20	38	184	34237	205.4
15	28	173	25749	154.3
10	19	159	17267	108.3
5	9	132	8726	57.9
1	2	77	2346	20.9

Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
95	---	---	---	---
92	216	248	150226	1165.0
90	210	247	147468	1131.2
85	194	244	139387	1042.0
80	178	241	131374	952.2
75	163	238	123020	868.9
70	150	235	114737	797.4
65	137	232	106852	726.8
60	124	228	98439	656.5
55	113	224	90192	597.4
50	99	220	81931	522.1
45	89	216	74042	469.2
40	78	211	65879	411.4
35	67	205	57418	352.8
30	57	199	49263	300.8
25	46	192	40814	243.8
20	37	184	33028	198.0
15	27	172	24634	147.6
10	18	157	16555	102.0
5	8	127	7780	52.3
1	2	77	2327	20.6

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	171860.0	1387.6
25.0	151160.0	1176.7