
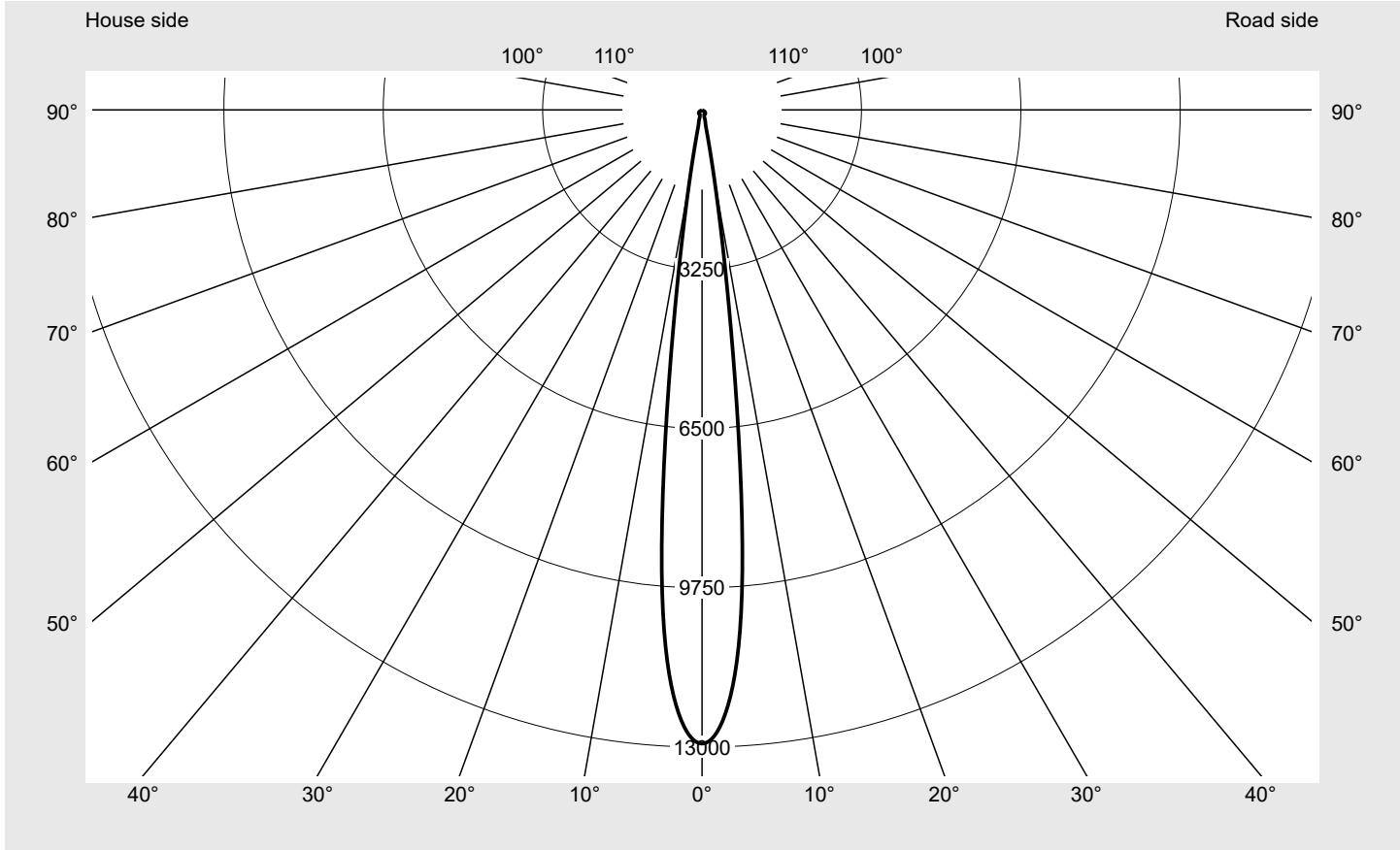


Photometric test report

Family Floodlight FL11 	Order number: 5XA779124K01BA EAN: 4058352537336	LP number 59243_35
	Version standard bracket Optic symmetric distribution RS7 Cover toughened safety glass Lamps LED 5700 K CRI ≥ 90 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 108360 lm Power consumption = 1020.5 W Luminous efficacy = 106.2 lm/W	serial documentation 19.09.2023



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%

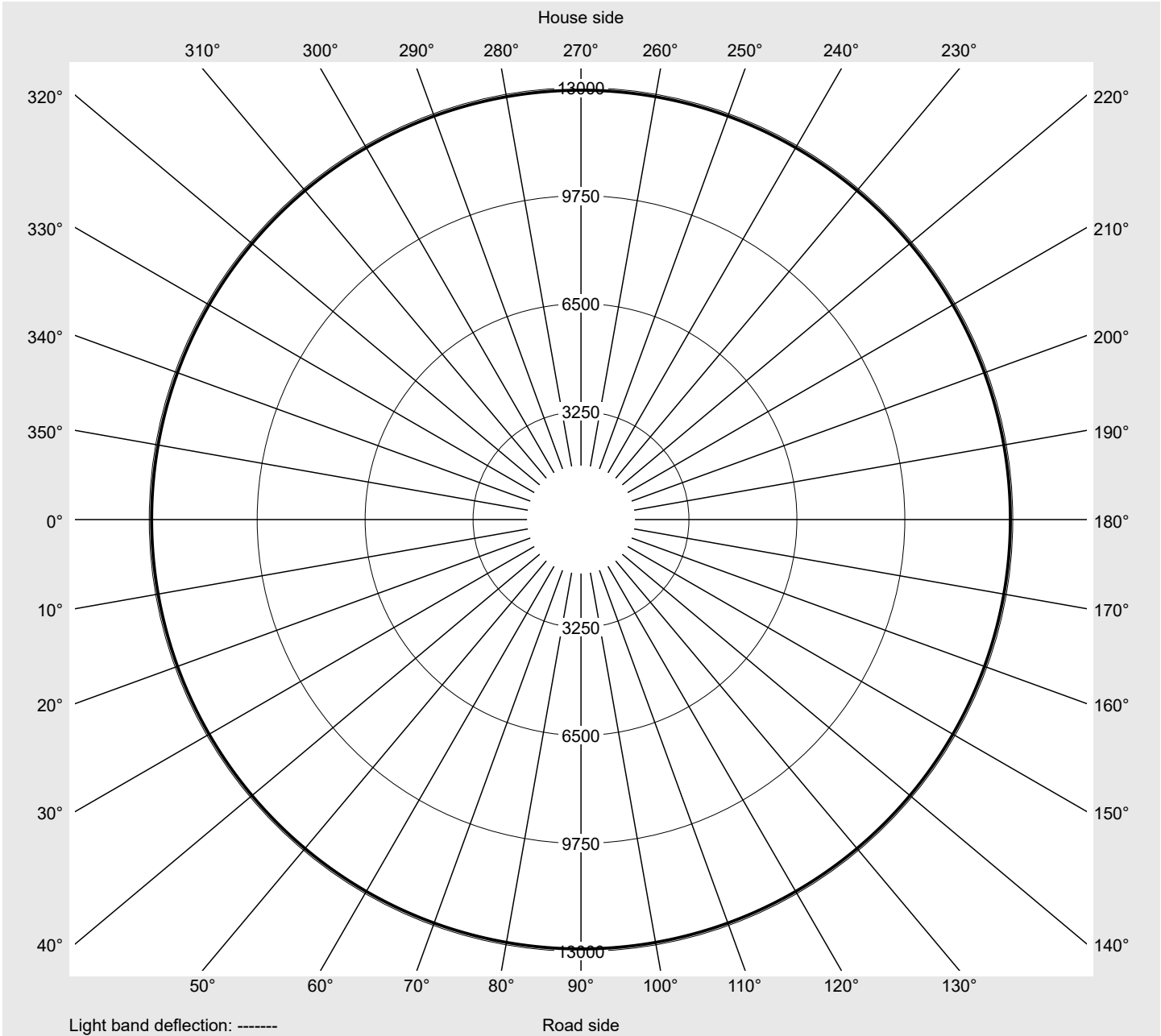
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	32.2
Imax 80°	9.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions
DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 0°** **sitEco**



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siteco

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	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	108360	1020.5
95	237	251	102934	949.6
90	221	249	97593	883.0
85	207	247	92264	825.5
80	191	244	86534	760.4
75	177	241	81248	703.4
70	163	238	75652	647.6
65	151	235	70329	598.3
60	136	231	65176	538.3
55	123	227	59474	486.9
50	111	224	54227	439.5
45	99	219	48812	392.2
40	87	215	43441	344.3
35	76	210	38104	301.3
30	63	203	32537	250.8
25	53	197	27262	212.6
20	41	187	21473	167.0
15	31	177	16510	129.0
10	20	161	10998	87.4
5	9	132	5190	46.1
2	3	91	1979	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	104166	1000.4
95	236	251	99588	938.1
90	220	249	94616	871.9
85	205	246	89163	810.6
80	190	243	84107	749.8
75	175	240	78684	689.4
70	162	238	73605	637.7
65	149	234	68193	584.3
60	133	230	62891	521.5
55	122	227	57948	478.4
50	109	223	52455	427.4
45	97	219	47108	380.6
40	85	214	41920	333.0
35	74	209	36604	290.5
30	62	202	31502	244.3
25	52	196	26475	206.5
20	41	187	21231	165.1
15	30	176	15768	124.2
10	19	159	10311	82.8
5	9	132	5144	45.5
2	3	91	1963	21.9

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	108360.0	1020.5
25.0	104980.0	1012.8