
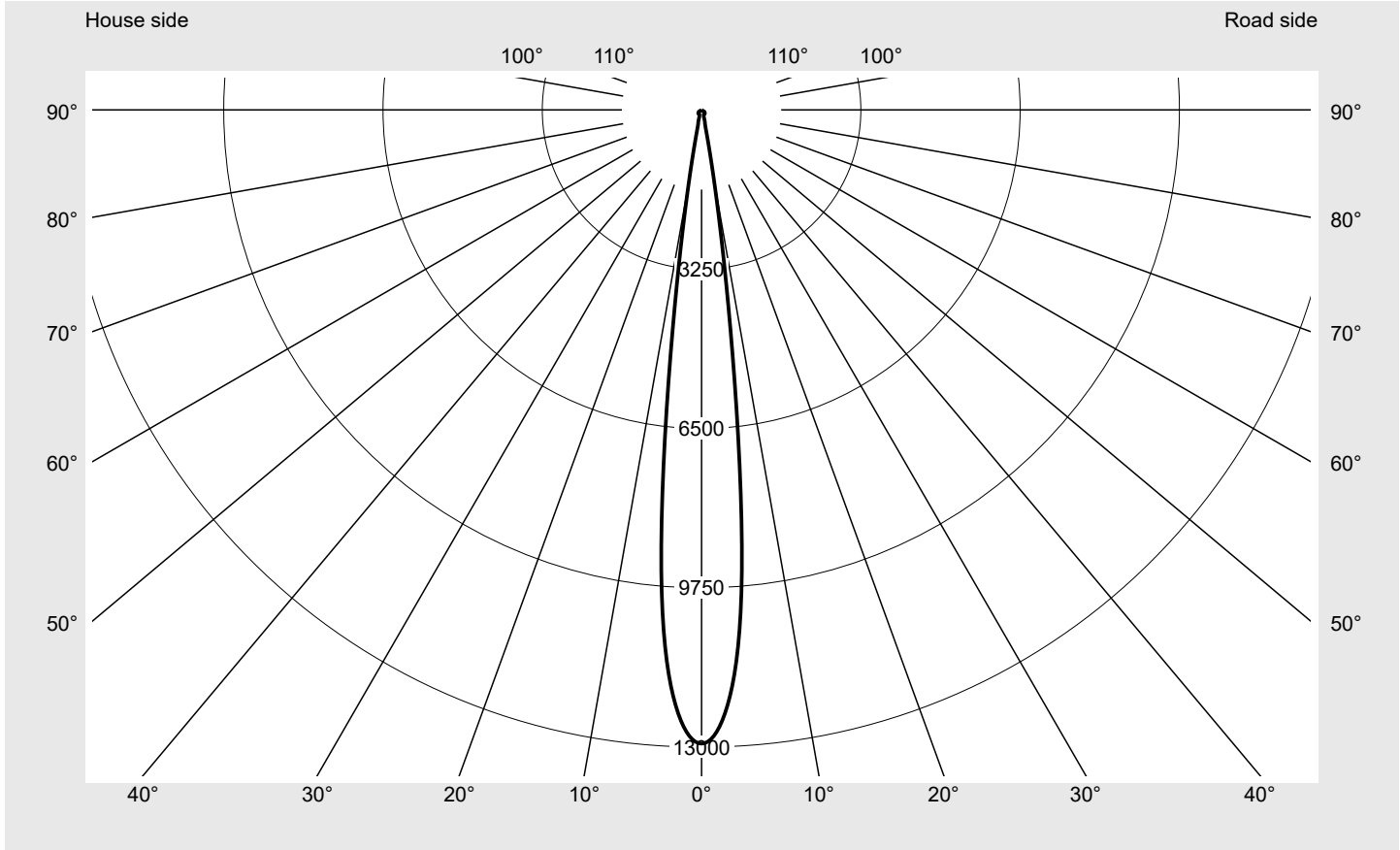


Photometric test report

Family Floodlight FL11 	Order number: 5XA779117K01BA EAN: 4058352857465	LP number 59243_54
	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 = 104100 lm Power consumption = 757.5 W Luminous efficacy = 137.4 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%

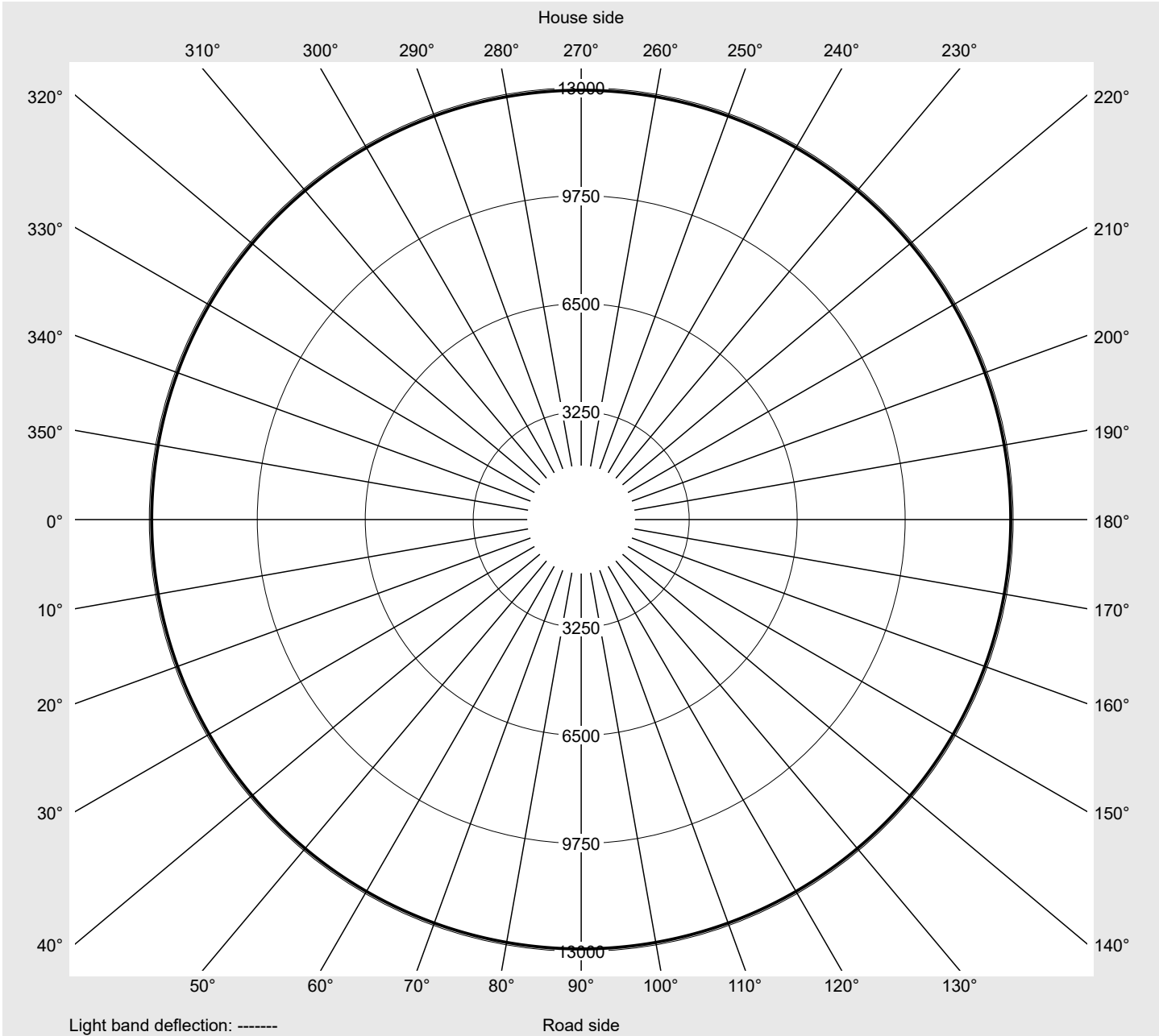
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	32.2
Imax 80°	9.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

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	104100	757.5
95	237	251	98949	705.4
90	221	249	93853	656.4
85	205	246	88419	607.4
80	190	243	83189	562.1
75	176	241	78106	519.9
70	162	238	72854	478.0
65	148	234	67495	436.1
60	135	231	62260	398.0
55	122	227	57120	359.5
50	110	223	52066	324.4
45	98	219	46898	289.3
40	86	214	41615	254.5
35	74	209	36236	219.0
30	63	203	31295	187.8
25	52	196	26073	156.5
20	41	187	20793	125.3
15	30	176	15473	94.5
10	20	161	10537	66.6
5	9	132	4980	36.2
2	3	91	1913	18.7

Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	100560	752.2
95	236	251	95569	697.0
90	219	249	90496	645.3
85	203	246	85375	596.4
80	188	243	80391	551.2
75	174	240	75546	509.5
70	160	237	70527	467.9
65	146	234	65359	426.6
60	133	230	60380	388.1
55	120	227	55319	350.4
50	108	223	50359	315.4
45	96	218	45307	280.7
40	84	213	40165	245.8
35	73	208	35292	214.0
30	61	202	29943	180.1
25	51	195	25296	152.0
20	40	186	20099	121.1
15	30	176	15314	93.4
10	19	159	9919	63.1
5	9	132	4938	35.8
2	3	91	1897	18.5

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	104100.0	757.5
25.0	100560.0	752.2