
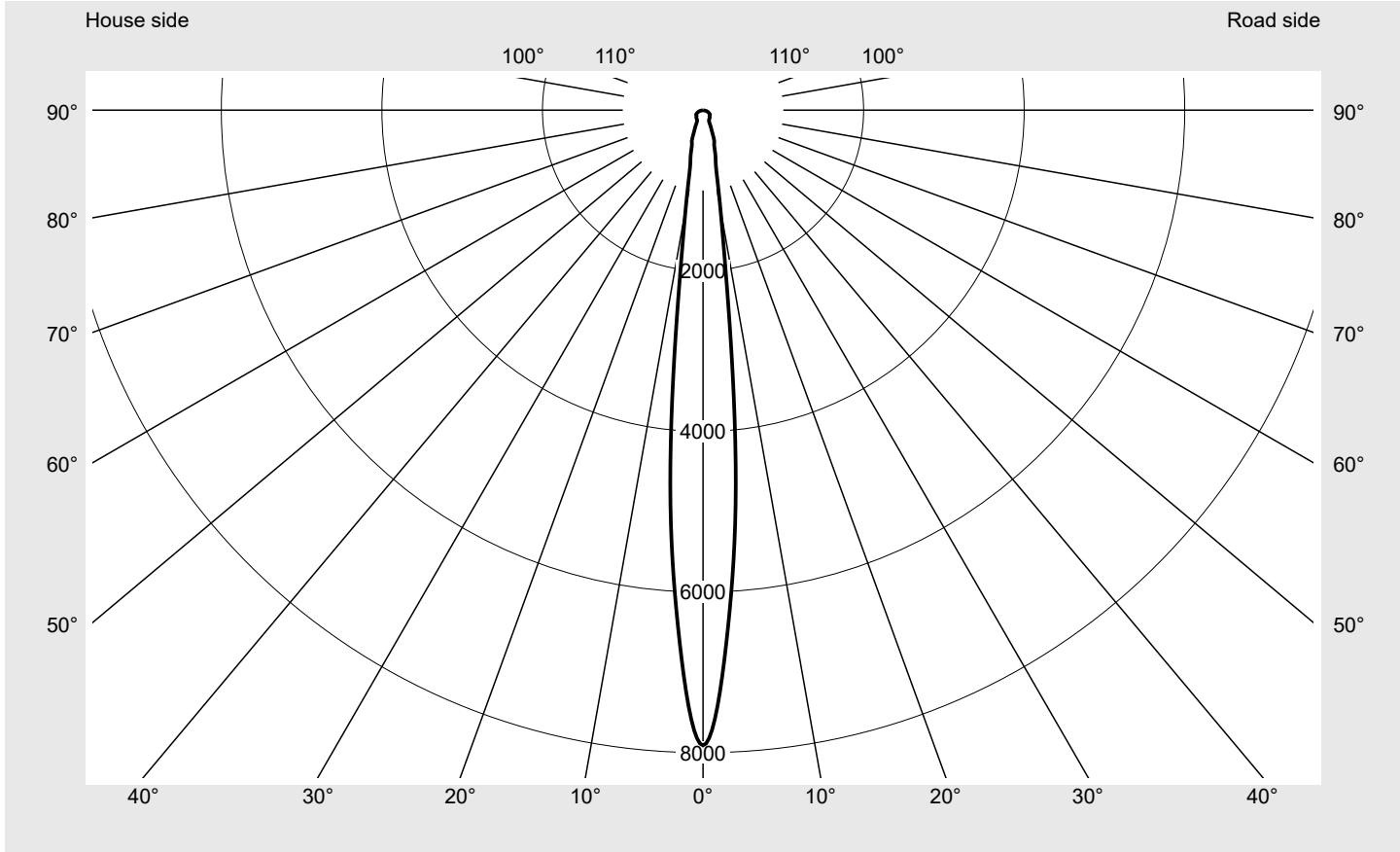


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779114L01BA</b> <b>EAN: 4058352536537</b>	<b>LP number</b> <b>59237_21</b>
	<b>Version</b> standard bracket <b>Optic</b> symmetric distribution RS8 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 5700 K   CRI ≥ 90 <b>Controlgear</b> ECG <b>Rated values</b> Ta = 10 °C Net luminous flux = 74500 lm Power consumption = 707.9 W Luminous efficacy = 105.2 lm/W	<b>serial documentation</b> <b>14.03.2023</b>



**Luminous intensity in cd/klm** C180-0 **Imax: 7909 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°	63.7
Imax 80°	22.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

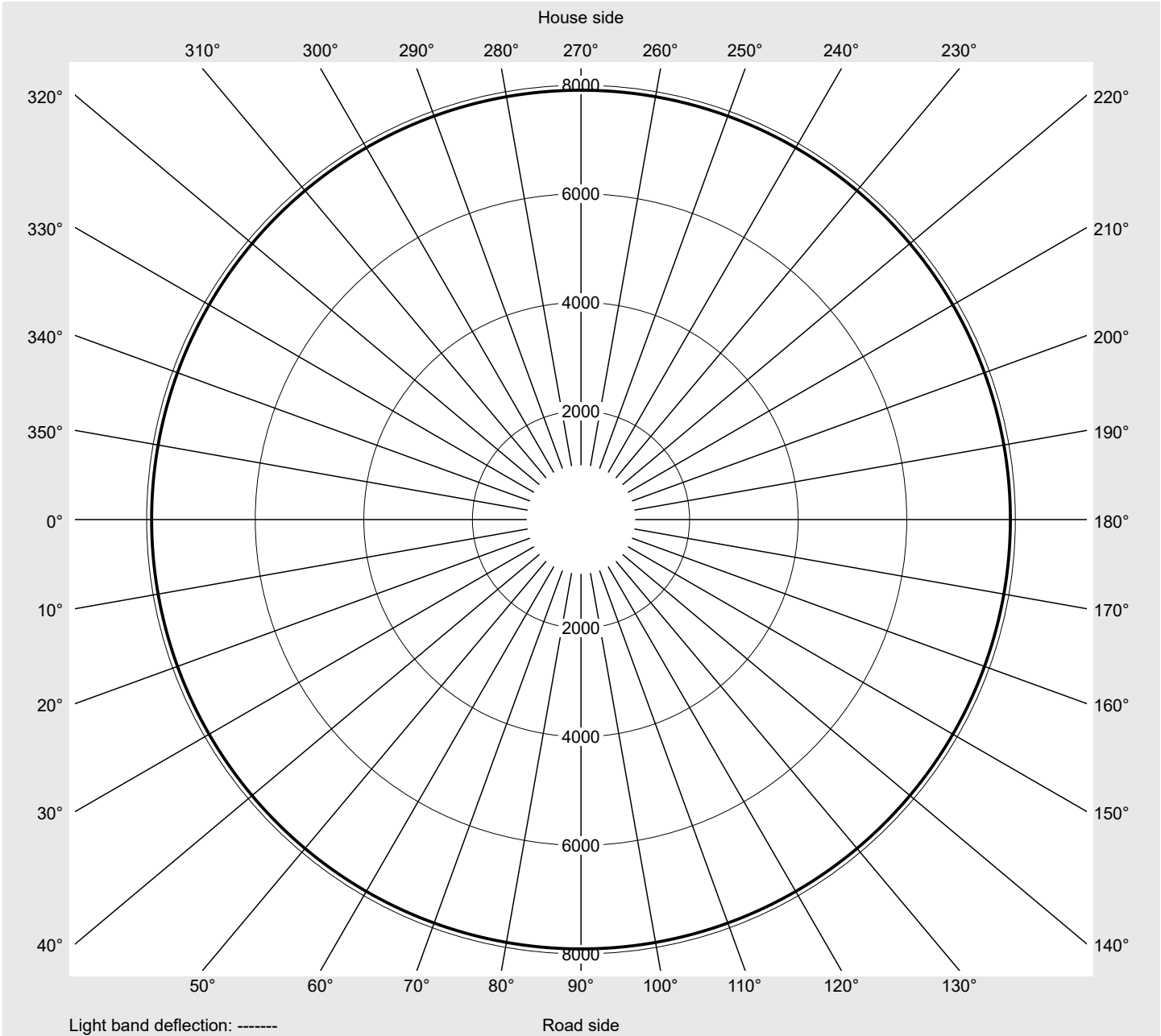
**Measurement conditions**

DIN EN 13032 and DIN 5032

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<b>Envelope curve in cd/klm</b>	<b>KMK 0°</b>	
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
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C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	7908.7	11.8	11.8
2,5°	6642.6	79.4	91.3
5,0°	4680.0	111.8	203.1
7,5°	2362.6	84.5	287.6
10,0°	1245.2	59.3	346.9
12,5°	761.9	45.2	392.1
15,0°	601.1	42.6	434.7
17,5°	463.2	38.2	472.9
20,0°	407.3	38.2	511.1
22,5°	297.2	31.2	542.3
25,0°	225.8	26.2	568.5
27,5°	165.5	21.0	589.4
30,0°	149.4	20.5	609.9
32,5°	138.7	20.4	630.3
35,0°	134.9	21.2	651.5
37,5°	131.5	21.9	673.5
40,0°	129.4	22.8	696.3
42,5°	123.9	23.0	719.2
45,0°	117.1	22.7	741.9
47,5°	108.7	22.0	763.9
50,0°	107.0	22.5	786.3
52,5°	106.2	23.1	809.4
55,0°	105.1	23.6	833.1
57,5°	102.0	23.6	856.6
60,0°	96.3	22.9	879.5
62,5°	86.5	21.0	900.5
65,0°	80.4	20.0	920.5
67,5°	70.4	17.8	938.3
70,0°	63.7	16.4	954.7
72,5°	53.3	13.9	968.7
75,0°	45.7	12.1	980.8
77,5°	32.3	8.6	989.4
80,0°	22.6	6.1	995.5
82,5°	11.8	3.2	998.7
85,0°	3.8	1.0	999.8
87,5°	0.9	0.2	1000.0
90,0°	0.0	0.0	1000.0

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<b>Dimming levels table</b>	environmental temperature: 10°C	<b>siteco</b>
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	74500	707.9	707.9	707.9
95	237	70714	659.1	659.1	659.1
90	222	67142	616.0	616.0	616.0
85	206	63280	570.9	570.9	570.9
80	191	59506	528.5	528.5	528.5
75	177	55833	489.2	489.2	489.2
70	163	52070	450.2	450.2	450.2
65	150	48474	414.3	414.3	414.3
60	136	44648	375.2	375.2	375.2
55	123	40828	339.7	339.7	339.7
50	111	37216	306.8	306.8	306.8
45	99	33575	274.0	274.0	274.0
40	87	29877	240.8	240.8	240.8
35	75	26015	208.3	208.3	208.3
30	64	22477	179.0	179.0	179.0
25	52	18475	147.1	147.1	147.1
20	41	14739	118.0	118.0	118.0
15	30	11012	89.3	89.3	89.3
10	20	7467	63.1	63.1	63.1
5	9	3547	34.6	34.6	34.6
2	3	1373	18.1	18.1	18.1

<b>Dimming levels table</b>	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	71930	702.9	702.9	702.9
95	236	68225	651.5	651.5	651.5
90	220	64680	605.8	605.8	605.8
85	204	61030	560.8	560.8	560.8
80	189	57438	518.6	518.6	518.6
75	175	53944	479.4	479.4	479.4
70	161	50372	440.7	440.7	440.7
65	148	46868	405.1	405.1	405.1
60	134	43163	366.3	366.3	366.3
55	121	39469	330.9	330.9	330.9
50	109	35984	298.4	298.4	298.4
45	97	32408	265.9	265.9	265.9
40	85	28792	233.1	233.1	233.1
35	73	25032	200.9	200.9	200.9
30	62	21516	171.9	171.9	171.9
25	51	17915	142.9	142.9	142.9
20	40	14236	114.1	114.1	114.1
15	30	10895	88.2	88.2	88.2
10	19	7050	59.9	59.9	59.9
5	9	3517	34.3	34.3	34.3
2	3	1362	17.9	17.9	17.9

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**Luminousfluxs table**



Temperature °C	Luminous flux lm	Power consumption W
10.0	74500.0	707.9
25.0	71930.0	702.9