

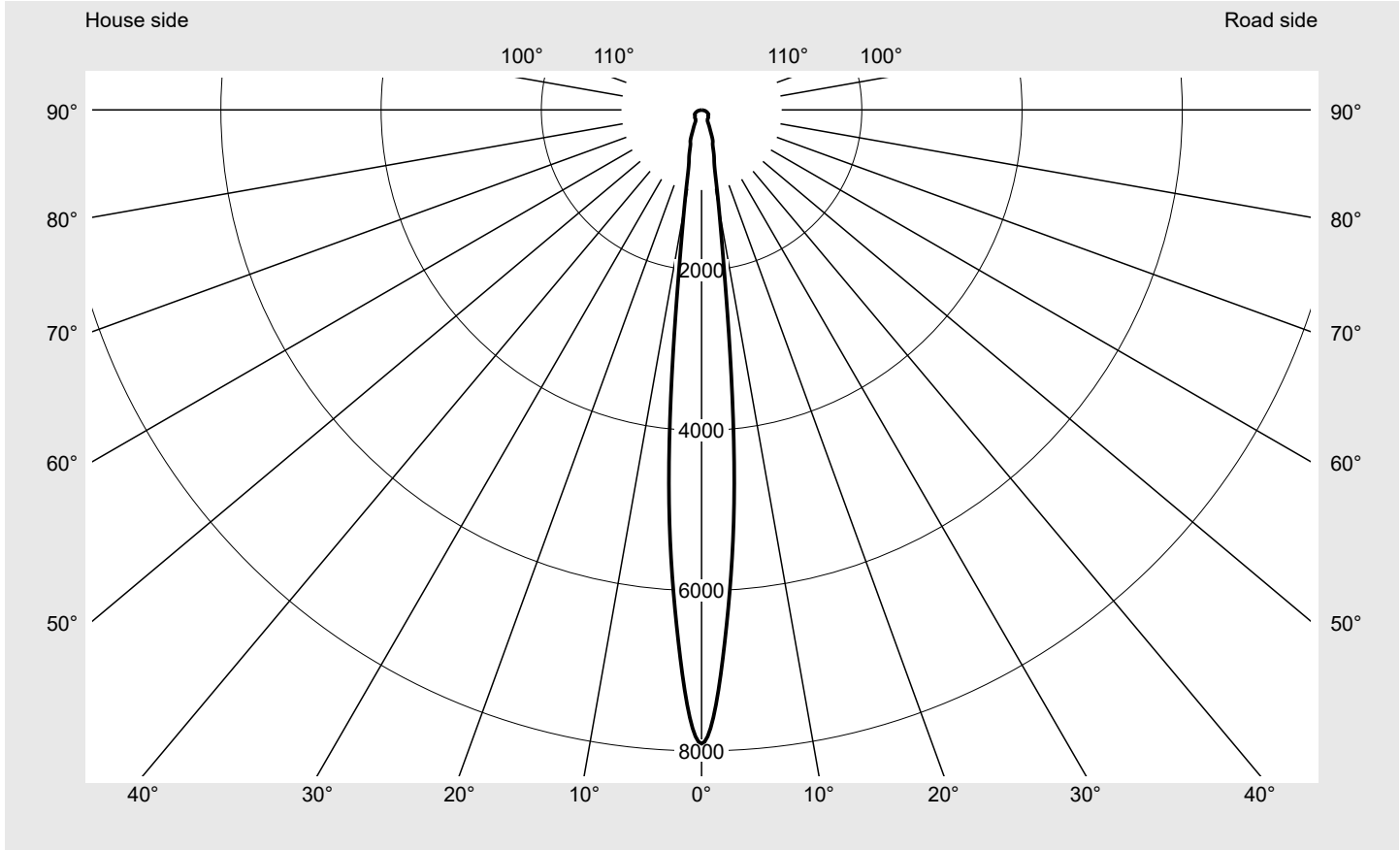
# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779228L01AA</b> <b>EAN: 4058352607381</b>	<b>LP number</b> <b>59237_42</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 ≥ 80 <b>Controlgear</b> ECG-DMX <b>Rated values</b> Ta = 10 °C Net luminous flux = 153550 lm Power consumption = 1388.0 W Luminous efficacy = 110.6 lm/W	<b>serial documentation</b> <b>08.09.2023</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

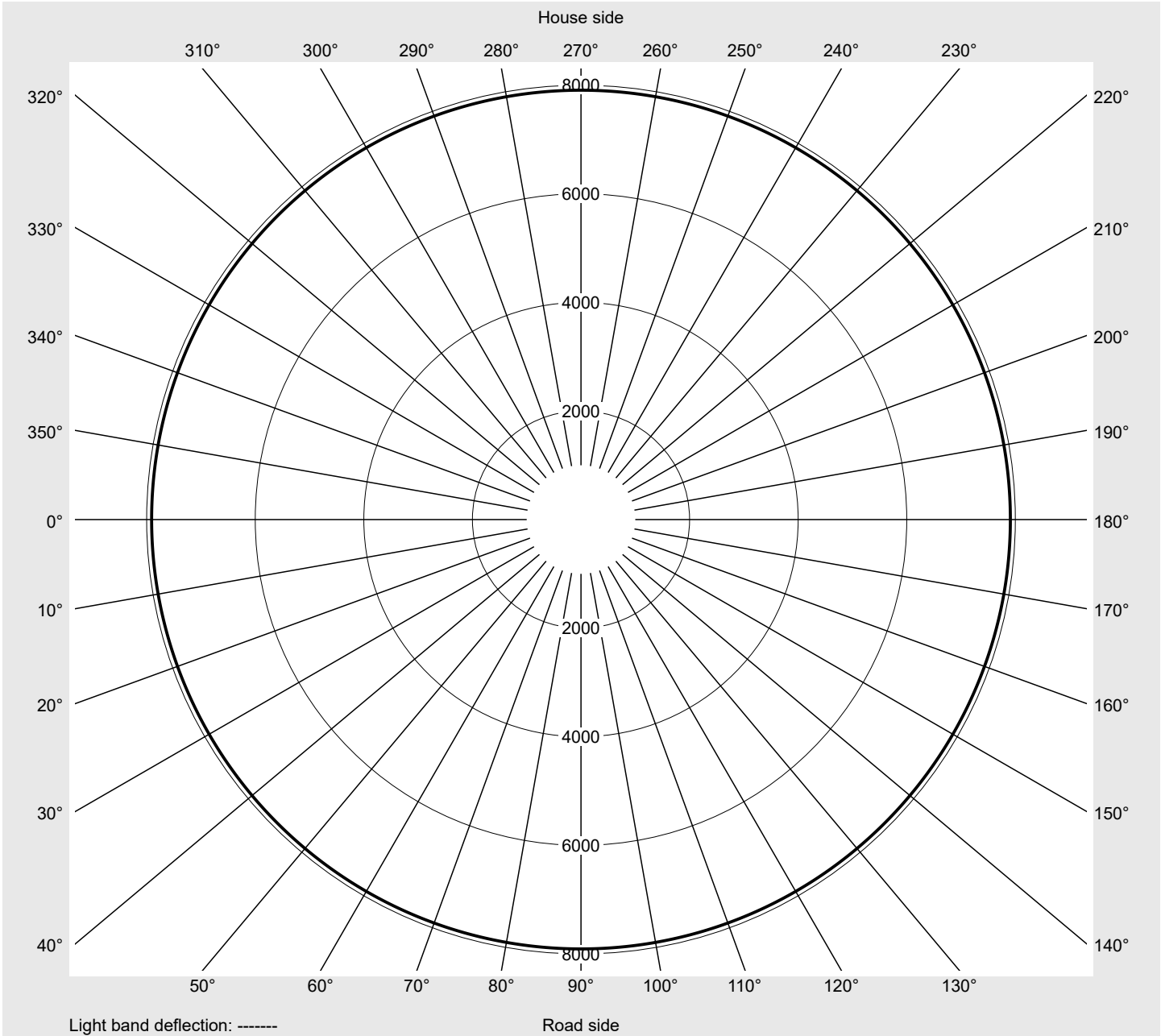
**Measurement conditions**

DIN EN 13032 and DIN 5032

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



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**sITeco**

<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

## Photometric test report

Family  
Floodlight FL11

Order number: 5XA779228L01AA  
EAN: 4058352607381

LP number  
59237\_42

## Dimming levels table

environmental temperature: 10°C

siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
100	254	153232	1382.4
95	233	145793	1264.3
90	215	138327	1163.2
85	198	130340	1068.0
80	182	122666	978.3
75	168	115192	900.3
70	154	107207	823.1
65	141	99969	752.1
60	128	92224	681.5
55	116	84131	616.8
50	103	76661	546.5
45	92	69448	488.0
40	80	61203	424.6
35	69	53501	366.1
30	59	46220	313.4
25	48	38775	255.9
20	38	30602	204.6
15	28	23018	153.8
10	19	15457	107.9
5	9	7804	57.8
1	2	2100	20.9

## Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
92	217	134793	1165.8
90	211	132334	1132.2
85	195	125132	1043.3
80	179	117987	953.9
75	164	110521	870.8
70	151	103137	799.6
65	137	95555	723.8
60	124	88022	653.9
55	113	80648	594.7
50	100	73870	525.4
45	89	66198	467.4
40	78	58900	409.8
35	67	51343	351.5
30	57	44033	299.6
25	46	36460	242.9
20	37	29542	197.3
15	27	22033	147.0
10	18	14829	101.6
5	9	7738	57.1
1	2	2083	20.6

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**Luminousfluxs table**



Temperature °C	Luminous flux lm	Power consumption W
10.0	153550.0	1388.0
25.0	135040.0	1169.3