
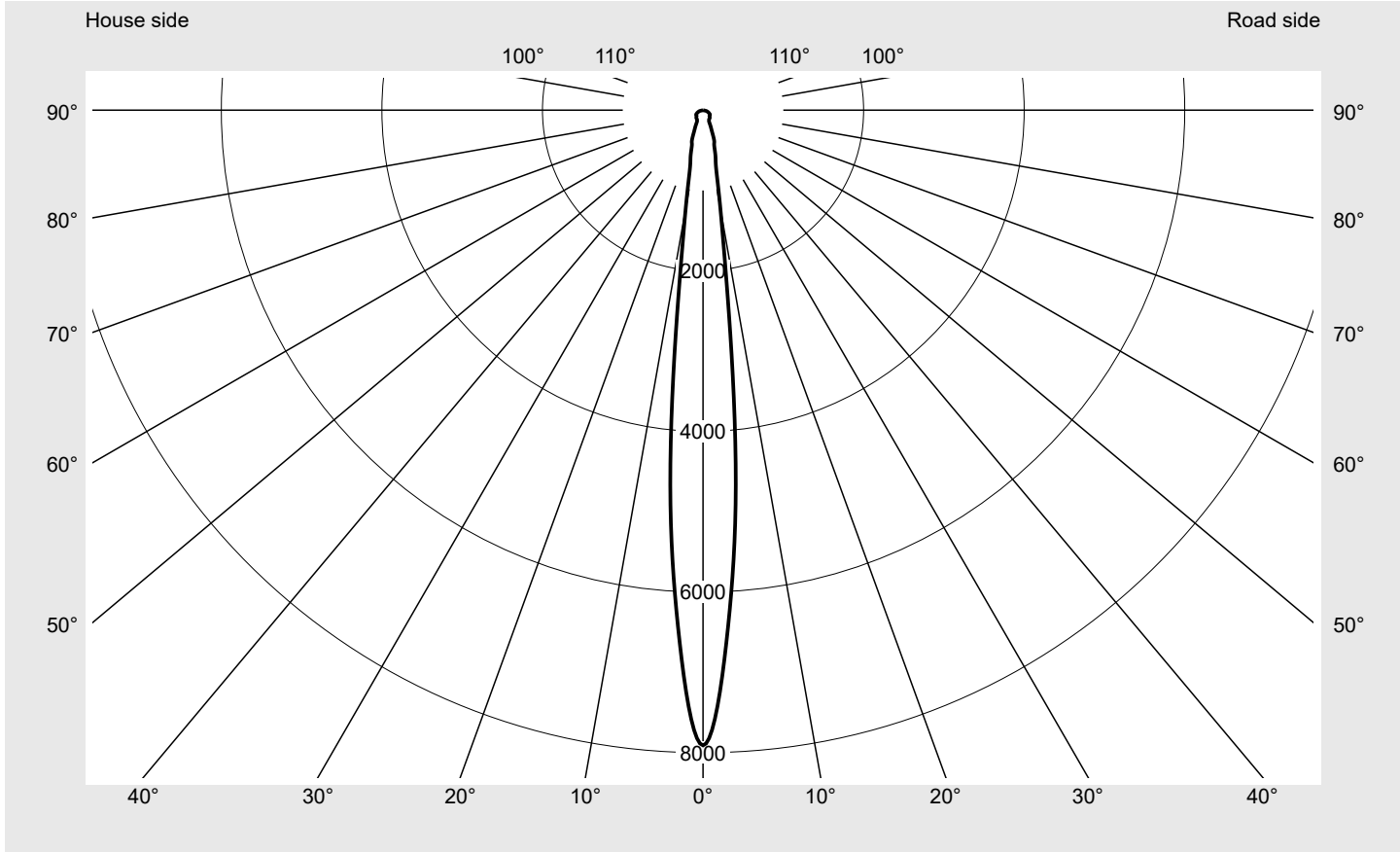


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779524L01AA</b> <b>EAN: 4058352574317</b>	<b>LP number</b> <b>59237_29</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-DMX <b>Rated values</b> Ta = 10 °C Net luminous flux = 127930 lm Power consumption = 1334.7 W Luminous efficacy = 95.8 lm/W	<b>serial documentation</b> <b>19.09.2023</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

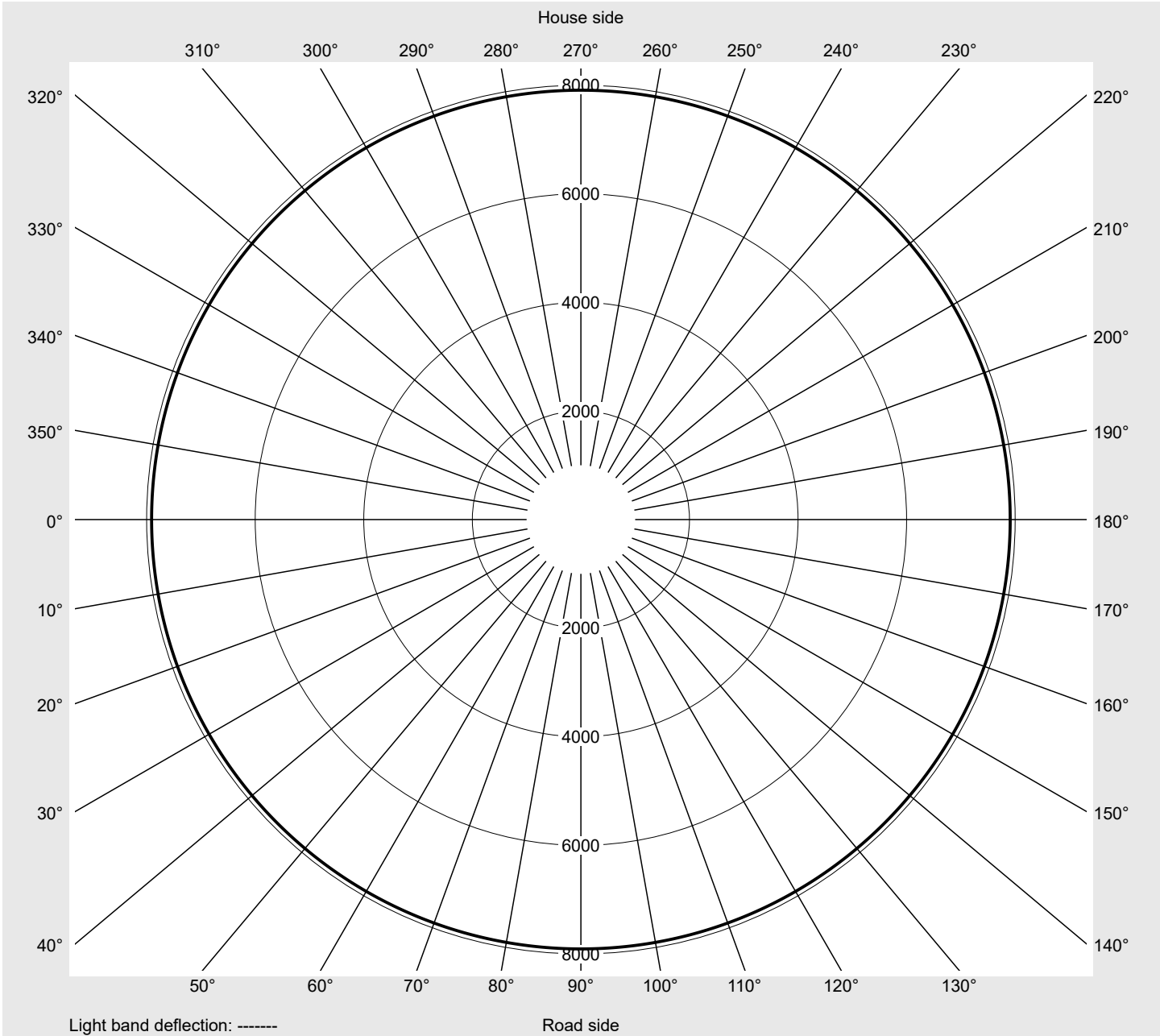
**Measurement conditions**

DIN EN 13032 and DIN 5032

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<b>Envelope curve in cd/klm</b>	<b>KMK 0°</b>	
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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: 5XA779524L01AA  
EAN: 4058352574317

LP number  
59237\_29

### Dimming levels table

environmental temperature: 10°C

siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	127930	1334.7
95	235	121704	1226.5
90	217	115232	1129.2
85	201	108769	1043.2
80	185	102499	956.9
75	170	96044	876.6
70	157	89689	807.7
65	143	83211	734.2
60	130	76844	666.3
55	118	70103	604.3
50	104	63884	531.4
45	93	57465	475.0
40	82	51372	419.1
35	71	45065	362.6
30	60	38443	307.0
25	49	32343	251.7
20	39	25739	202.4
15	28	18904	148.6
10	19	12854	104.3
5	9	6418	56.1
1	2	1733	20.5

### Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
90	213	109990	1099.8
85	197	103935	1014.0
80	181	97704	928.2
75	166	91681	848.6
70	152	85555	775.0
65	139	79431	707.2
60	126	73091	640.3
55	115	67273	582.0
50	101	61074	510.9
45	90	54811	455.3
40	79	48794	399.7
35	68	42672	343.7
30	58	36595	293.8
25	47	30359	239.3
20	37	24252	190.5
15	27	18078	141.9
10	18	12329	98.2
5	9	6361	55.5
1	2	1719	20.2

**Photometric test report**

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<b>Luminousfluxs table</b>	<b>siteco</b>
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Temperature °C	Luminous flux lm	Power consumption W
10.0	127930.0	1334.7
25.0	110530.0	1109.4