
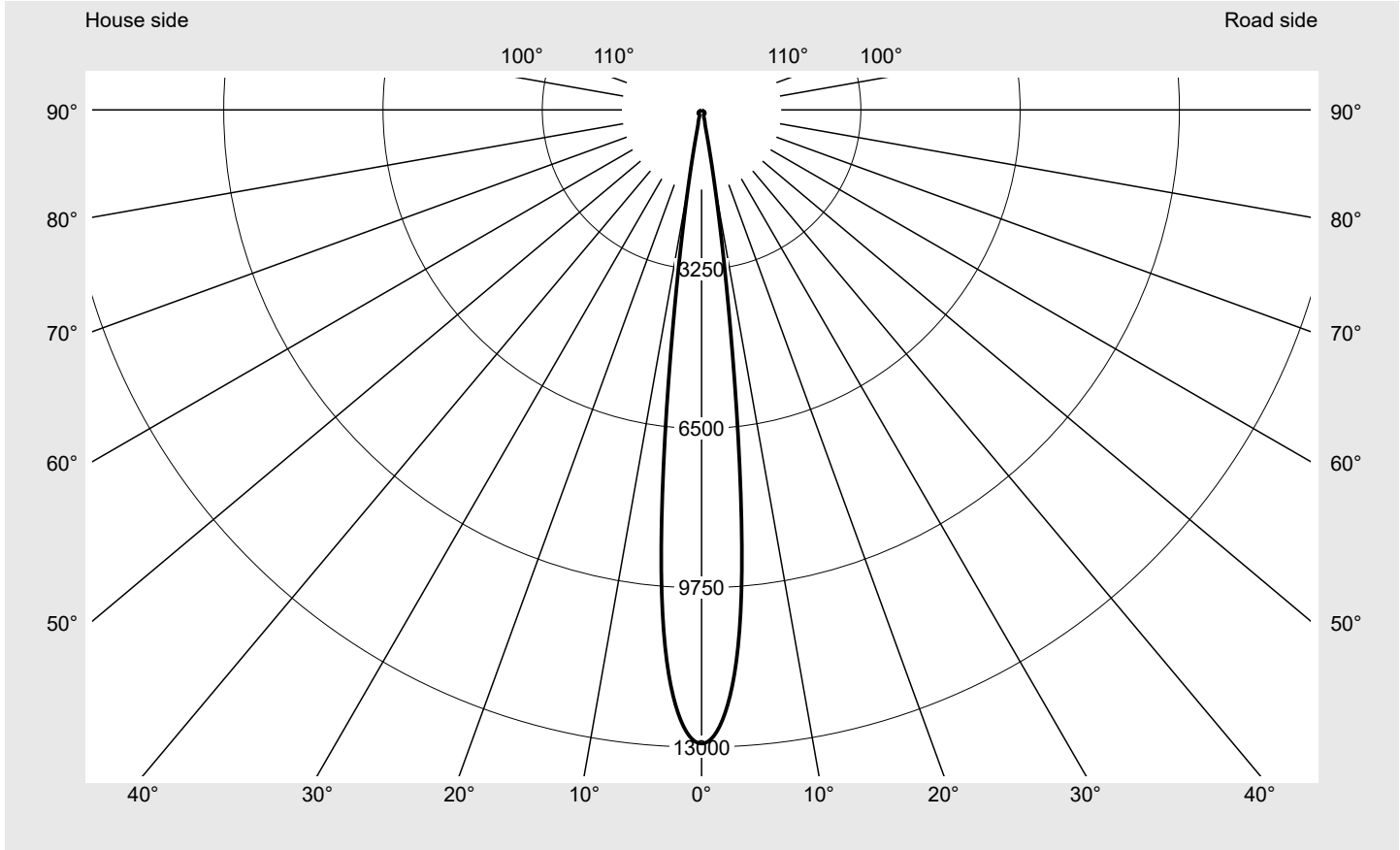


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779128K01AA</b> <b>EAN: 4058352882412</b>	<b>LP number</b> <b>59243_43</b>
	<b>Version</b> standard bracket <b>Optic</b> symmetric distribution RS7 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 5700 K   CRI ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Ta = 10 °C Net luminous flux = 155190 lm Power consumption = 1388.0 W Luminous efficacy = 111.8 lm/W	<b>serial documentation</b> <b>19.09.2023</b>



**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

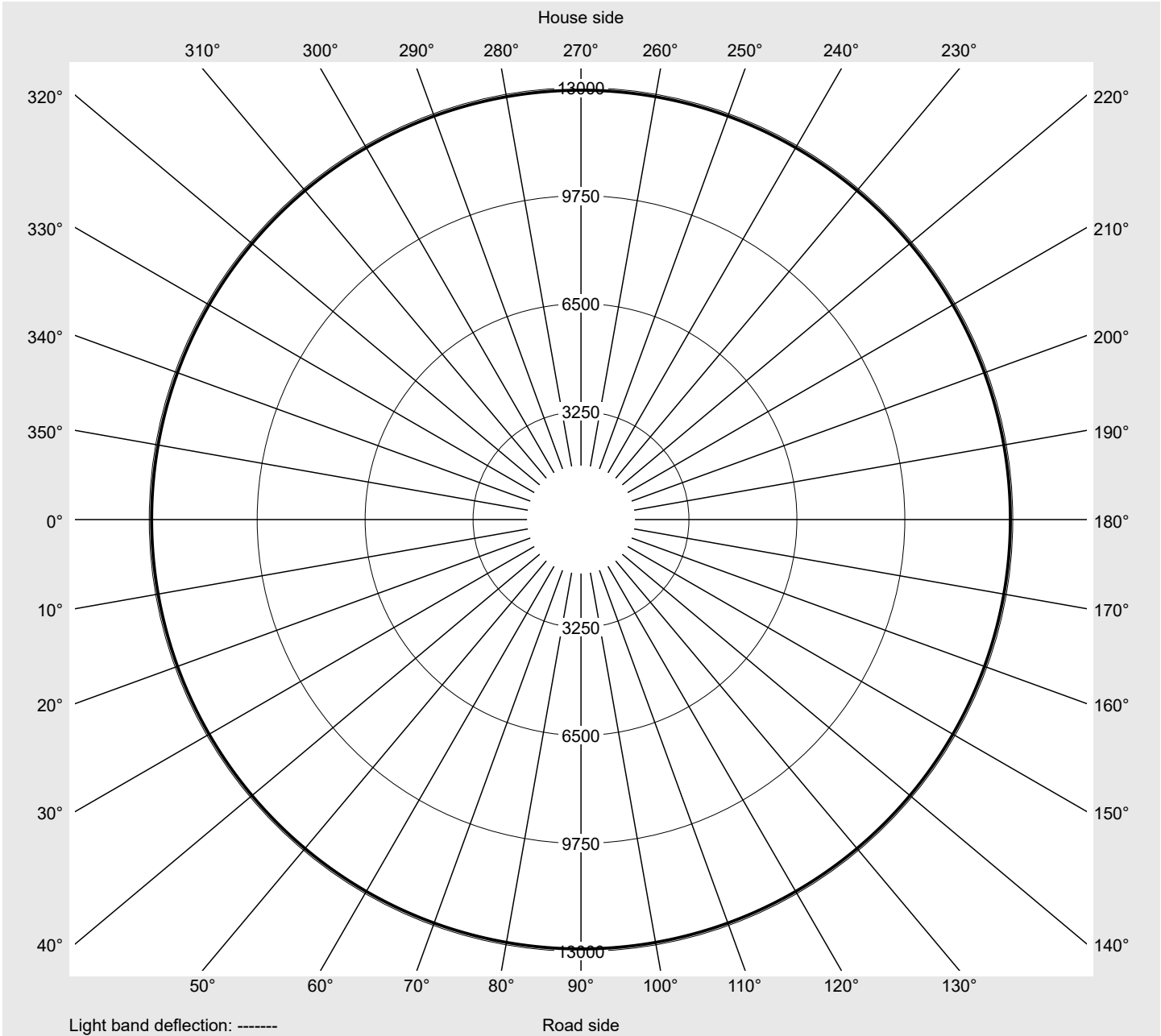
**Measurement conditions**

DIN EN 13032 and DIN 5032

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



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<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°	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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**siteco**

### Dimming levels table environmental temperature: 10°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	----	----	----	----
100	253	254	154868	1382.4
95	232	251	147316	1263.8
90	214	248	139734	1162.3
85	198	245	132184	1072.3
80	182	242	124309	982.2
75	167	239	116251	898.3
70	154	236	108739	826.5
65	140	232	100776	749.6
60	127	229	92920	678.9
55	116	225	85351	619.0
50	103	221	77688	548.6
45	91	216	69704	484.7
40	80	212	62081	426.3
35	69	206	54274	367.6
30	59	201	46902	314.6
25	47	192	38454	251.7
20	38	184	31040	205.4
15	28	173	23348	154.3
10	19	159	15659	108.3
5	9	132	7915	58.0
1	2	77	2129	20.9

### Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	----	----	----	----
95	----	----	----	----
92	216	248	136180	1165.0
90	210	247	133682	1131.2
85	194	244	126363	1042.0
80	178	241	119102	952.2
75	163	238	111534	868.9
70	150	235	104030	797.4
65	137	232	96885	726.7
60	124	228	89262	656.5
55	113	224	81788	597.4
50	99	220	74301	522.1
45	89	216	67150	469.2
40	78	211	59751	411.4
35	67	205	52081	352.8
30	57	199	44687	300.8
25	46	192	37026	243.8
20	37	184	29965	198.0
15	27	172	22351	147.6
10	18	157	15023	102.0
5	8	127	7061	52.3
1	2	77	2112	20.6

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**Luminousfluxs table**



Temperature °C	Luminous flux lm	Power consumption W
10.0	155190.0	1388.0
25.0	136490.0	1169.3