
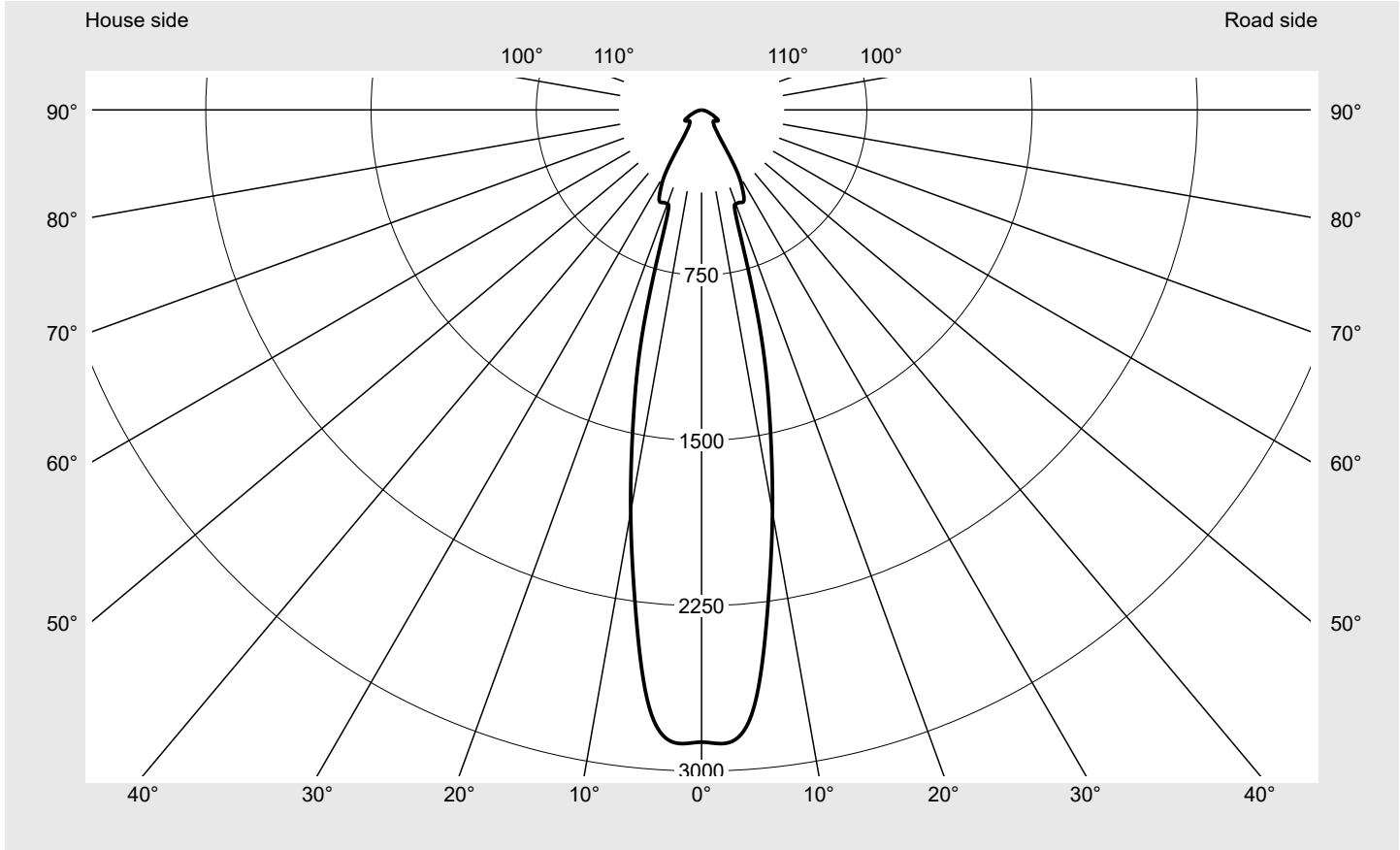


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b> 	<b>Order number: 5XA779426M01AA</b> <b>EAN: 4058352905722</b>	<b>LP number</b> <b>59238_518</b>
	<b>Version</b> standard bracket <b>Optic</b> symmetric distribution RS12 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 4000 K   CRI ≥ 70 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Ta = 10 °C Net luminous flux = 174980 lm Power consumption = 1387.6 W Luminous efficacy = 126.1 lm/W	<b>serial documentation</b> <b>02.11.2023</b>



**Luminous intensity in cd/klm** C180-0 **Imax: 2873 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°	36.4
Imax 80°	9.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

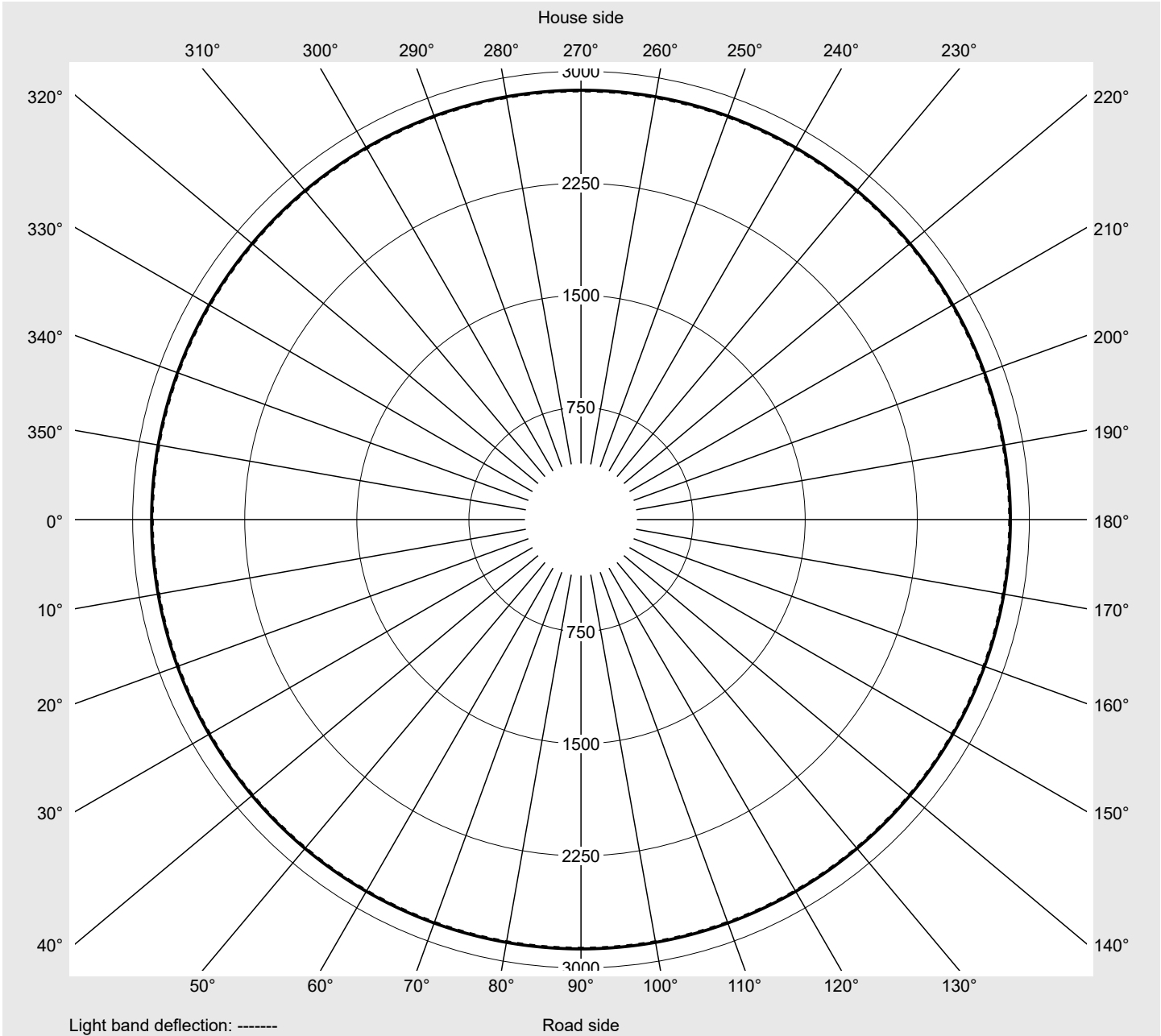
**Measurement conditions**

DIN EN 13032 and DIN 5032

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<b>Envelope curve in cd/klm</b>	<input checked="" type="checkbox"/> <b>KMK 2.5°</b>	<input type="checkbox"/> <b>KMK 0°</b>	
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>	<b>siteco</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°	2868.8	4.3	4.3
2,5°	2873.2	34.4	38.6
5,0°	2722.5	65.0	103.7
7,5°	2292.0	82.0	185.7
10,0°	1852.6	88.2	273.9
12,5°	1427.9	84.7	358.6
15,0°	1018.5	72.3	430.9
17,5°	552.2	45.5	476.4
20,0°	453.7	42.5	518.9
22,5°	454.7	47.7	566.6
25,0°	454.2	52.6	619.2
27,5°	400.1	50.6	669.9
30,0°	317.0	43.5	713.3
32,5°	178.5	26.3	739.6
35,0°	121.9	19.2	758.8
37,5°	96.3	16.1	774.9
40,0°	86.4	15.2	790.1
42,5°	78.8	14.6	804.7
45,0°	75.0	14.5	819.2
47,5°	74.2	15.0	834.2
50,0°	76.8	16.1	850.4
52,5°	82.1	17.9	868.2
55,0°	87.5	19.7	887.9
57,5°	89.5	20.7	908.6
60,0°	83.0	19.7	928.3
62,5°	67.2	16.3	944.6
65,0°	57.1	14.2	958.8
67,5°	43.9	11.1	969.9
70,0°	36.4	9.4	979.3
72,5°	27.1	7.1	986.4
75,0°	21.2	5.6	992.0
77,5°	13.7	3.7	995.6
80,0°	9.1	2.5	998.1
82,5°	4.7	1.3	999.4
85,0°	1.8	0.5	999.9
87,5°	0.5	0.1	1000.0
90,0°	0.0	0.0	1000.0

## Photometric test report

Family <b>Floodlight FL11</b>	Order number: <b>5XA779426M01AA</b> EAN: <b>4058352905722</b>	LP number <b>59238_518</b>
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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	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	174980	1387.6
95	233	251	166422	1269.1
90	214	248	157356	1162.0
85	198	245	148798	1072.1
80	182	242	139894	982.0
75	168	239	131358	903.8
70	154	236	122316	826.3
65	141	232	113990	755.0
60	128	229	105132	684.1
55	116	225	95953	618.9
50	103	221	87323	548.6
45	91	216	78336	484.7
40	80	212	69758	426.3
35	69	206	60977	367.6
30	59	201	52688	314.6
25	48	193	44202	256.7
20	38	184	34858	205.4
15	28	173	26216	154.3
10	19	159	17581	108.3
5	9	132	8885	57.9
1	2	77	2389	20.9

<b>Dimming levels table</b>	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
95	---	---	---	---
92	216	248	152949	1165.0
90	210	247	150141	1131.2
85	194	244	141913	1042.0
80	178	241	133755	952.2
75	163	238	125250	868.9
70	150	235	116817	797.4
65	137	232	108789	726.8
60	124	228	100224	656.5
55	113	224	91827	597.4
50	99	220	83416	522.1
45	89	216	75384	469.2
40	78	211	67074	411.4
35	67	205	58459	352.8
30	57	199	50156	300.8
25	46	192	41554	243.8
20	37	184	33627	198.0
15	27	172	25080	147.6
10	18	157	16855	102.0
5	8	127	7921	52.3
1	2	77	2369	20.6

**Photometric test report**

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**Luminousfluxs table** **siteco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	174980.0	1387.6
25.0	153900.0	1176.7