
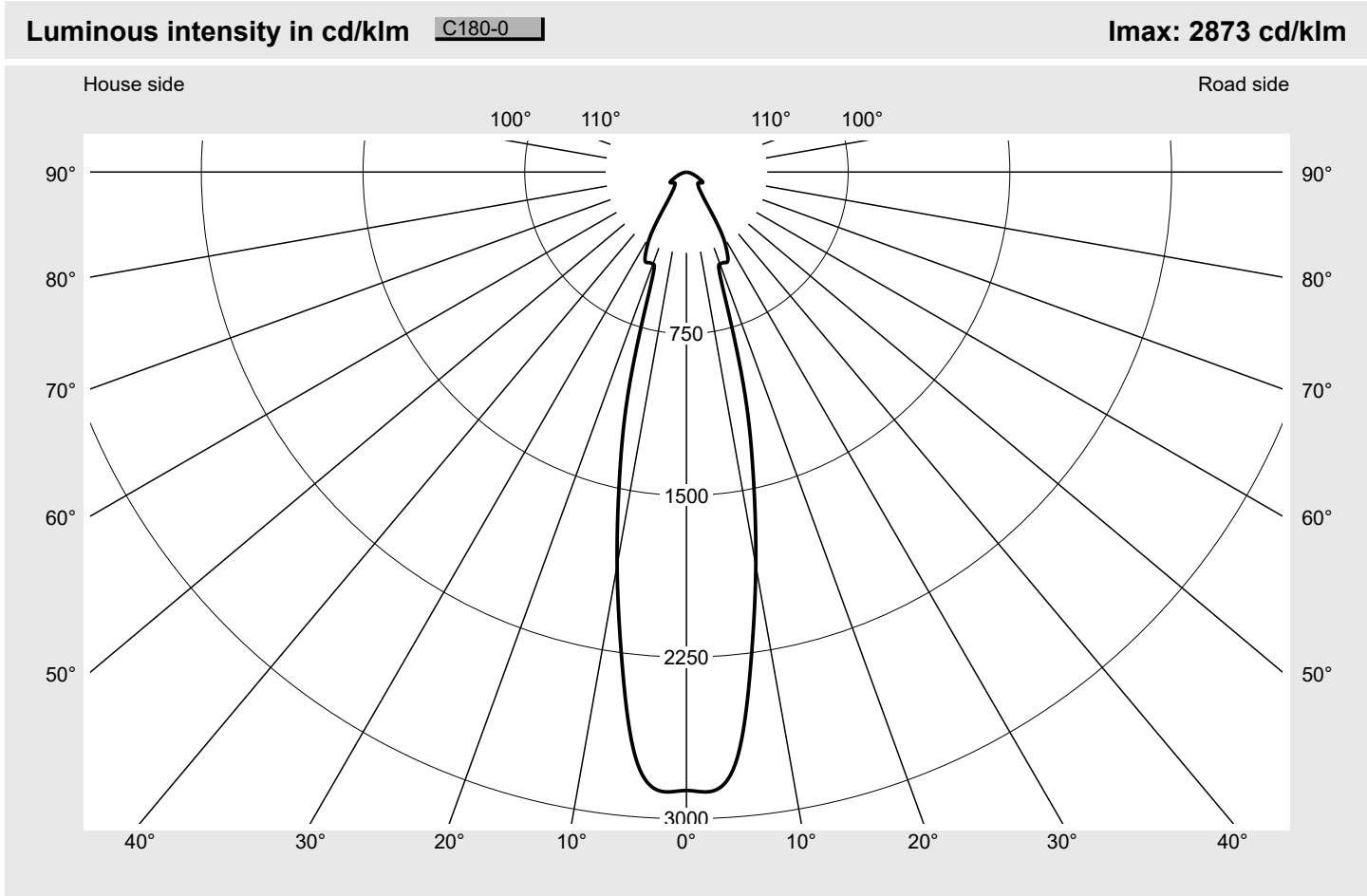


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b> 	<b>Order number: 5XA779514M01BA</b> <b>EAN: 4058352574171</b>	<b>LP number</b> <b>59238_13</b>
	<b>Version</b> standard bracket <b>Optic</b> symmetric distribution RS12 <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 = 76660 lm Power consumption = 707.9 W Luminous efficacy = 108.3 lm/W	<b>serial documentation</b> <b>14.03.2023</b>



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

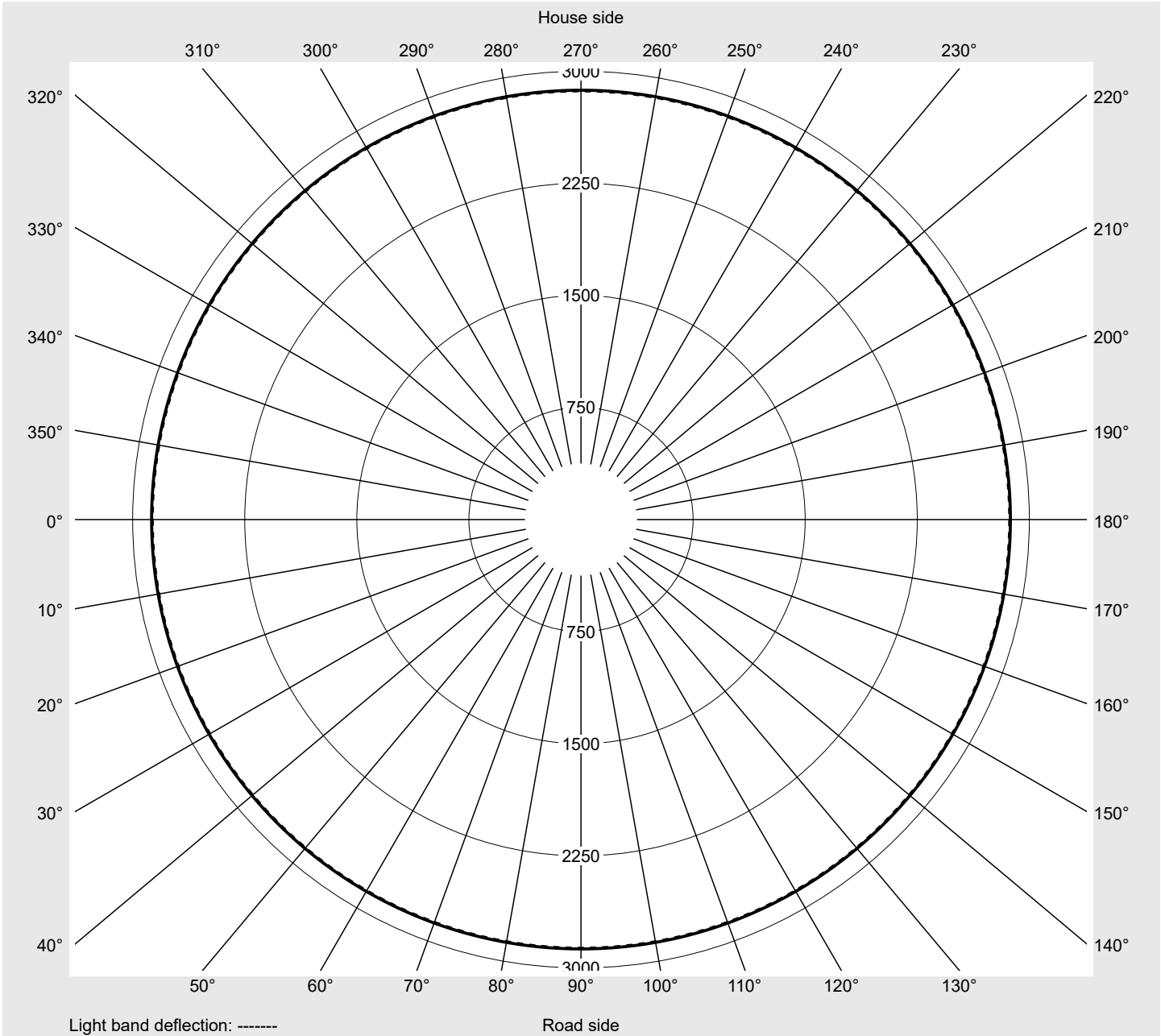
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**Envelope curve in cd/klm** KMK 2.5°  KMK 0°



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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°	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

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## Dimming levels table

environmental temperature: 10°C

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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	76660	707.9
95	237	72764	659.1
90	222	69088	616.0
85	206	65115	570.9
80	191	61231	528.5
75	177	57451	489.2
70	163	53580	450.2
65	150	49879	414.3
60	136	45942	375.2
55	123	42012	339.7
50	111	38295	306.8
45	99	34549	274.0
40	87	30743	240.8
35	75	26769	208.3
30	64	23128	179.0
25	52	19011	147.1
20	41	15167	118.0
15	30	11331	89.3
10	20	7683	63.1
5	9	3650	34.6
2	3	1413	18.1

## Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	74020	702.9
95	236	70208	651.5
90	220	66559	605.8
85	204	62803	560.8
80	189	59107	518.6
75	175	55512	479.4
70	161	51835	440.7
65	148	48229	405.1
60	134	44417	366.3
55	121	40616	330.9
50	109	37030	298.4
45	97	33349	265.9
40	85	29628	233.1
35	73	25759	200.9
30	62	22141	171.9
25	51	18436	142.9
20	40	14650	114.1
15	30	11212	88.2
10	19	7255	59.9
5	9	3619	34.3
2	3	1401	17.9

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**Luminousfluxs table** **siteco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	76660.0	707.9
25.0	74020.0	702.9