
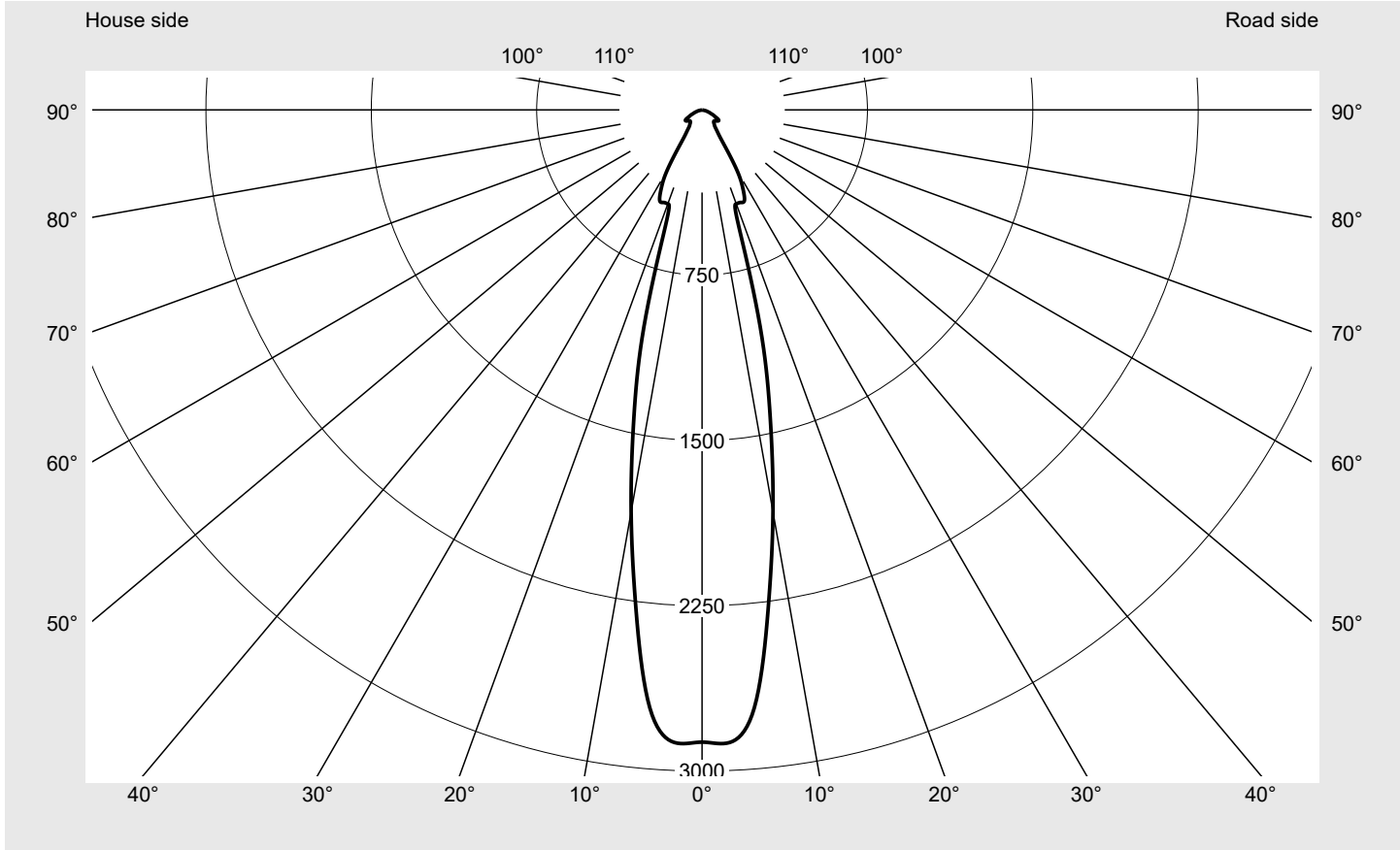


# Photometric test report

<b>Family</b> <b>Floodlight FL11</b> 	<b>Order number: 5XA779224M01AA</b> <b>EAN: 4058352537756</b>	<b>LP number</b> <b>59238_167</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-DMX <b>Rated values</b> Ta = 10 °C Net luminous flux = 131650 lm Power consumption = 1334.7 W Luminous efficacy = 98.6 lm/W	<b>serial documentation</b> <b>15.09.2023</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

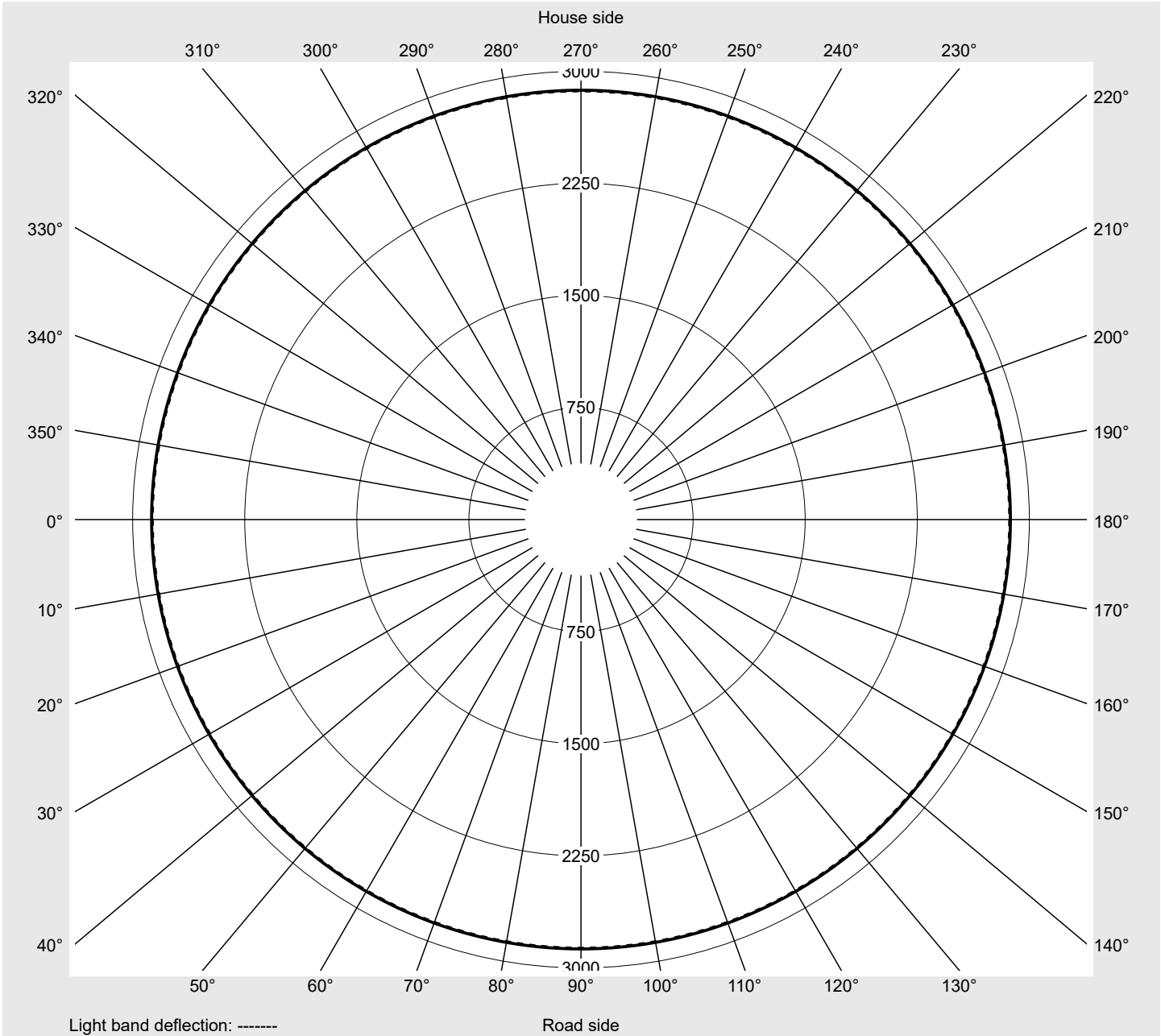
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**Envelope curve in cd/klm** KMK 2.5°  KMK 0°



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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

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## Dimming levels table

environmental temperature: 10°C

siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	131650	1334.7
95	235	125243	1226.5
90	217	118583	1129.2
85	201	111931	1043.2
80	185	105480	956.9
75	170	98837	876.6
70	157	92297	807.7
65	143	85630	734.2
60	130	79078	666.3
55	118	72142	604.3
50	104	65742	531.4
45	93	59136	475.0
40	82	52866	419.1
35	71	46376	362.6
30	60	39560	307.0
25	49	33283	251.7
20	39	26487	202.4
15	28	19453	148.6
10	19	13228	104.3
5	9	6605	56.1
1	2	1784	20.5

## Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
90	213	113185	1099.8
85	197	106954	1014.0
80	181	100541	928.2
75	166	94344	848.6
70	152	88039	775.0
65	139	81738	707.2
60	126	75213	640.3
55	115	69226	582.0
50	101	62848	510.9
45	90	56403	455.3
40	79	50211	399.7
35	68	43911	343.7
30	58	37658	293.8
25	47	31241	239.3
20	37	24956	190.5
15	27	18603	141.9
10	18	12688	98.2
5	9	6546	55.5
1	2	1769	20.2

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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	131650.0	1334.7
25.0	113740.0	1109.4