



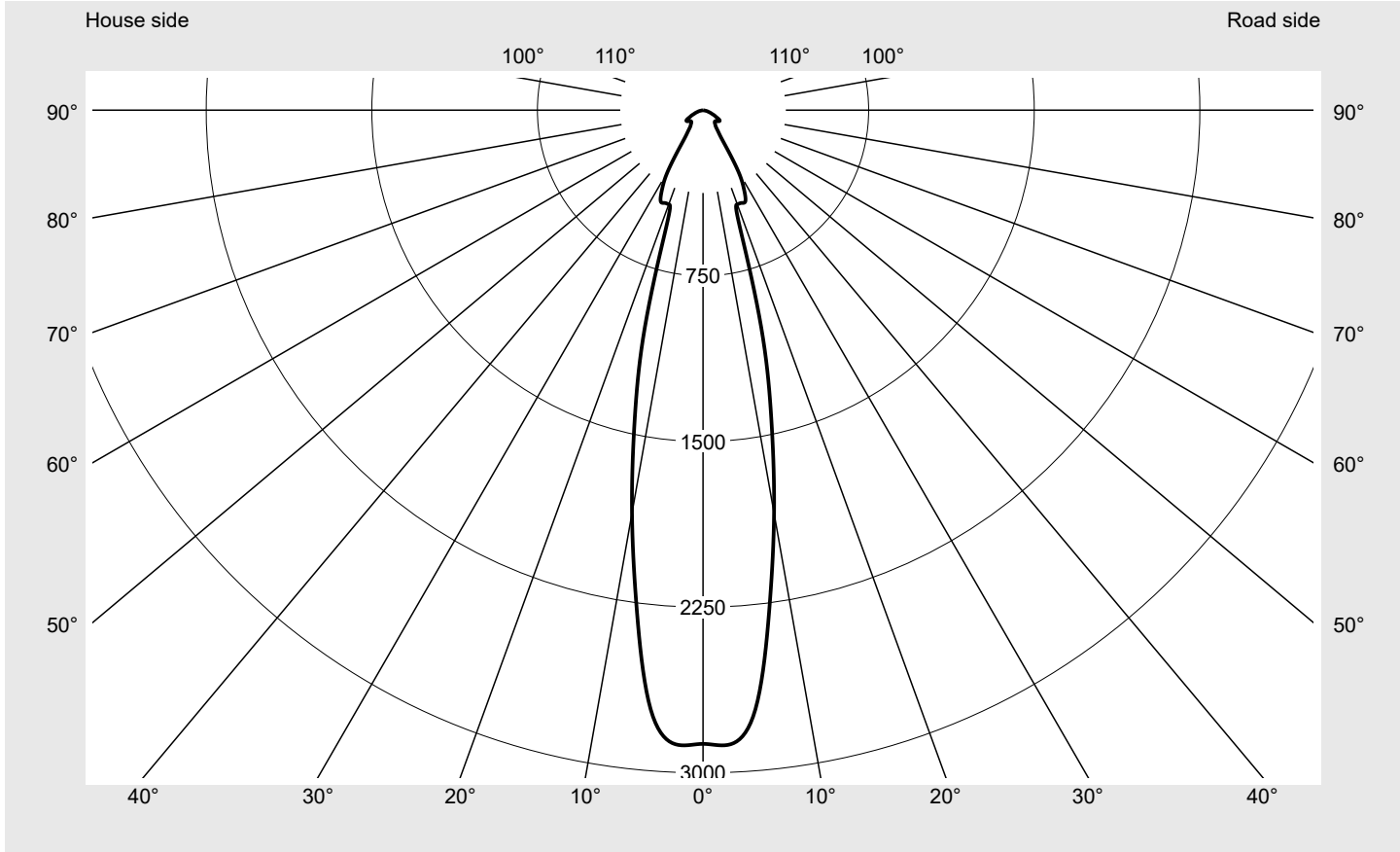
# Photometric test report

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779218M01AA</b> <b>EAN: 4058352607305</b>	<b>LP number</b> <b>59238_14</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 ≥ 80 <b>Controlgear</b> ECG <b>Rated values</b> Ta = 10 °C Net luminous flux = 107970 lm Power consumption = 941.9 W Luminous efficacy = 114.6 lm/W	<b>serial documentation</b> <b>14.03.2023</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**

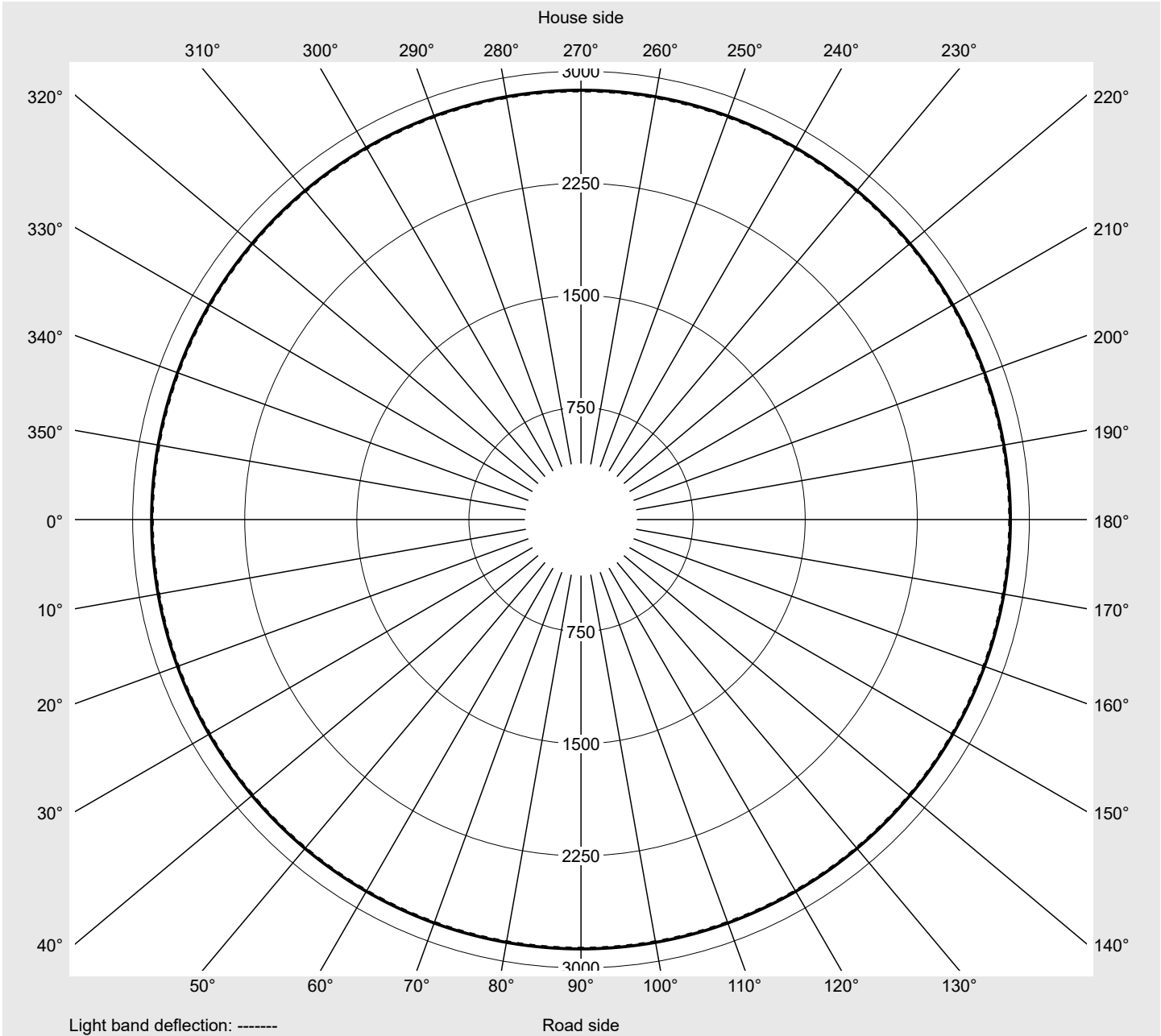
Class:	G6
Imax 70°	36.4
Imax 80°	9.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Measurement conditions**  
DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>Floodlight FL11</b>	<b>Order number: 5XA779218M01AA</b> <b>EAN: 4058352607305</b>	<b>LP number</b> <b>59238_14</b>
---	--	-------------------------------------

<b>Envelope curve in cd/klm</b>	<b>KMK 2.5°</b>	<b>KMK 0°</b>	
---------------------------------	-----------------	---------------	---



## Photometric test report

<b>Family</b> Floodlight FL11	<b>Order number: 5XA779218M01AA</b> <b>EAN: 4058352607305</b>	<b>LP number</b> 59238_14
----------------------------------	--	------------------------------

**siteco**

<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
---	-----------------------------------

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  
Floodlight FL11

Order number: 5XA779218M01AA  
EAN: 4058352607305

LP number  
59238\_14

## Dimming levels table

environmental temperature: 10°C

siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	107970	941.9
95	232	102516	857.8
90	214	97248	789.0
85	197	91758	724.6
80	182	86459	667.4
75	167	80823	610.8
70	154	75761	562.3
65	140	70045	510.3
60	127	64562	462.3
55	115	59332	418.3
50	103	54047	374.6
45	91	48389	331.1
40	80	43090	291.4
35	69	37654	252.0
30	59	32606	215.7
25	48	26942	177.1
20	38	21606	142.0
15	28	16221	107.3
10	18	10670	72.8
5	9	5556	42.1
1	2	1501	17.0

## Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
93	219	95289	802.6
90	210	92738	768.2
85	193	87558	703.8
80	177	82223	643.6
75	163	77192	591.0
70	149	71916	539.2
65	136	66843	491.4
60	124	61925	447.4
55	112	56786	403.7
50	100	51632	360.1
45	88	46149	317.2
40	77	40949	277.9
35	67	36155	241.8
30	56	30646	203.0
25	46	25526	168.1
20	37	20806	137.0
15	27	15499	102.7
10	18	10558	71.9
5	8	4938	38.2
1	2	1488	16.8

**Photometric test report**

<b>Family</b> Floodlight FL11	<b>Order number: 5XA779218M01AA</b> <b>EAN: 4058352607305</b>	<b>LP number</b> 59238_14
----------------------------------	--	------------------------------

**Luminousfluxs table** **sITeco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	107970.0	941.9
25.0	95300.0	802.7