



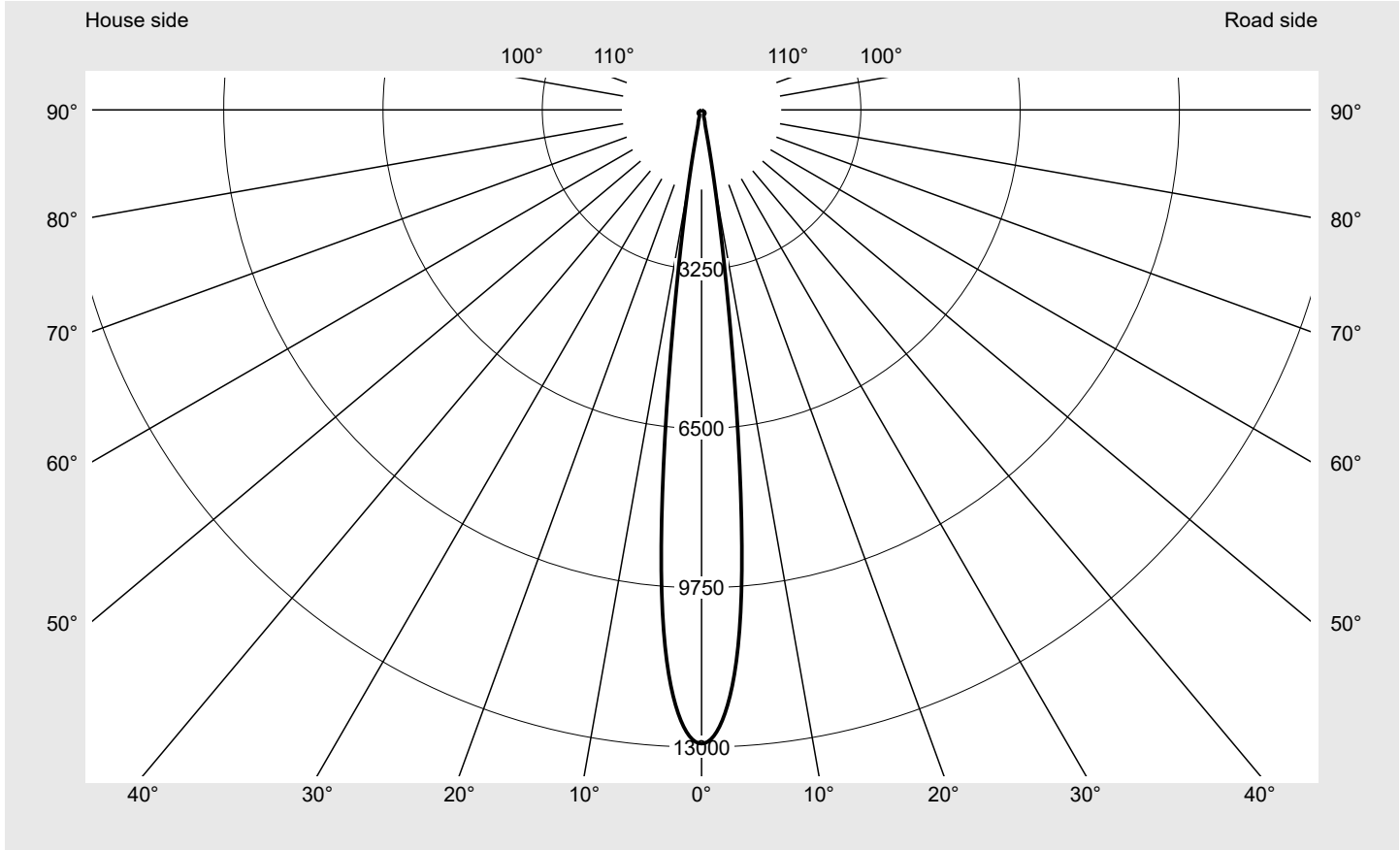
Photometric test report

Family Floodlight FL11	Order number: 5XA779218K01AA EAN: 4058352607282	LP number 59243_14
	Version standard bracket Optic symmetric distribution RS7 Cover toughened safety glass Lamps LED 5700 K CRI ≥ 80 Controlgear ECG Rated values Ta = 10 °C Net luminous flux = 106040 lm Power consumption = 941.9 W Luminous efficacy = 112.6 lm/W	serial documentation 14.03.2023





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

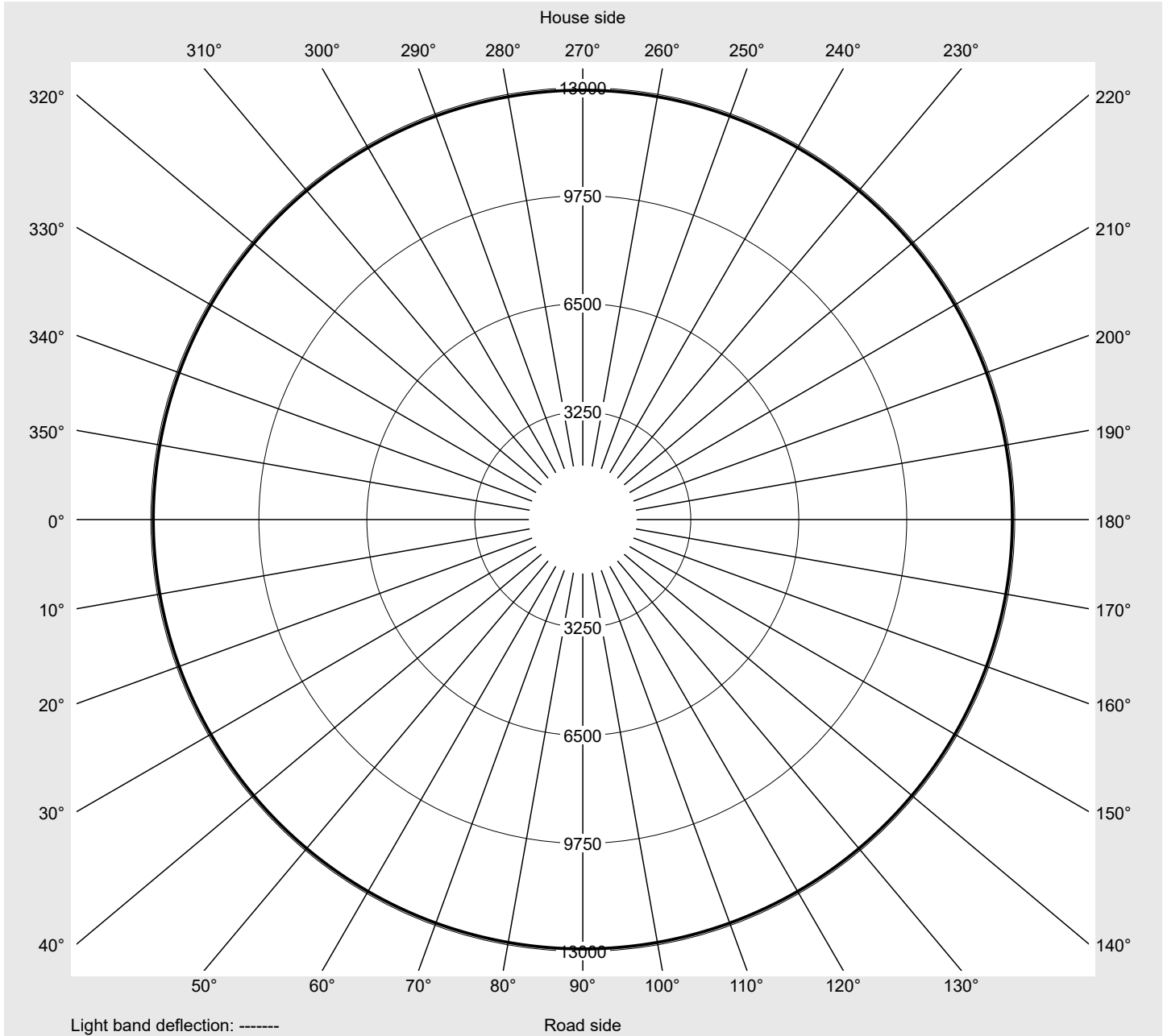
Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm	KMK 0°	siteco
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Table of values for luminous intensities	Maximum luminous intensity
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C-planes	0°	Phi-zone	Total Phi-zone
γ	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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Family
Floodlight FL11

Order number: 5XA779218K01AA
EAN: 4058352607282

LP number
59243_14

Dimming levels table

environmental temperature: 10°C

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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	106040	941.9
95	232	100683	857.8
90	214	95509	789.0
85	197	90117	724.6
80	182	84914	667.4
75	167	79378	610.8
70	154	74407	562.3
65	140	68793	510.3
60	127	63407	462.3
55	115	58271	418.3
50	103	53081	374.6
45	91	47524	331.1
40	80	42320	291.4
35	69	36980	252.0
30	59	32023	215.7
25	48	26460	177.1
20	38	21219	142.0
15	28	15931	107.3
10	18	10479	72.8
5	9	5456	42.1
1	2	1475	17.0

Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
93	219	93589	802.6
90	210	91084	768.2
85	193	85996	703.8
80	177	80756	643.6
75	163	75815	591.0
70	149	70633	539.2
65	136	65651	491.4
60	124	60820	447.4
55	112	55773	403.7
50	100	50710	360.1
45	88	45326	317.2
40	77	40219	277.9
35	67	35510	241.8
30	56	30100	203.0
25	46	25071	168.1
20	37	20435	137.0
15	27	15222	102.7
10	18	10370	71.9
5	8	4850	38.2
1	2	1461	16.8

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Luminousfluxs table **siteco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	106040.0	941.9
25.0	93600.0	802.7