
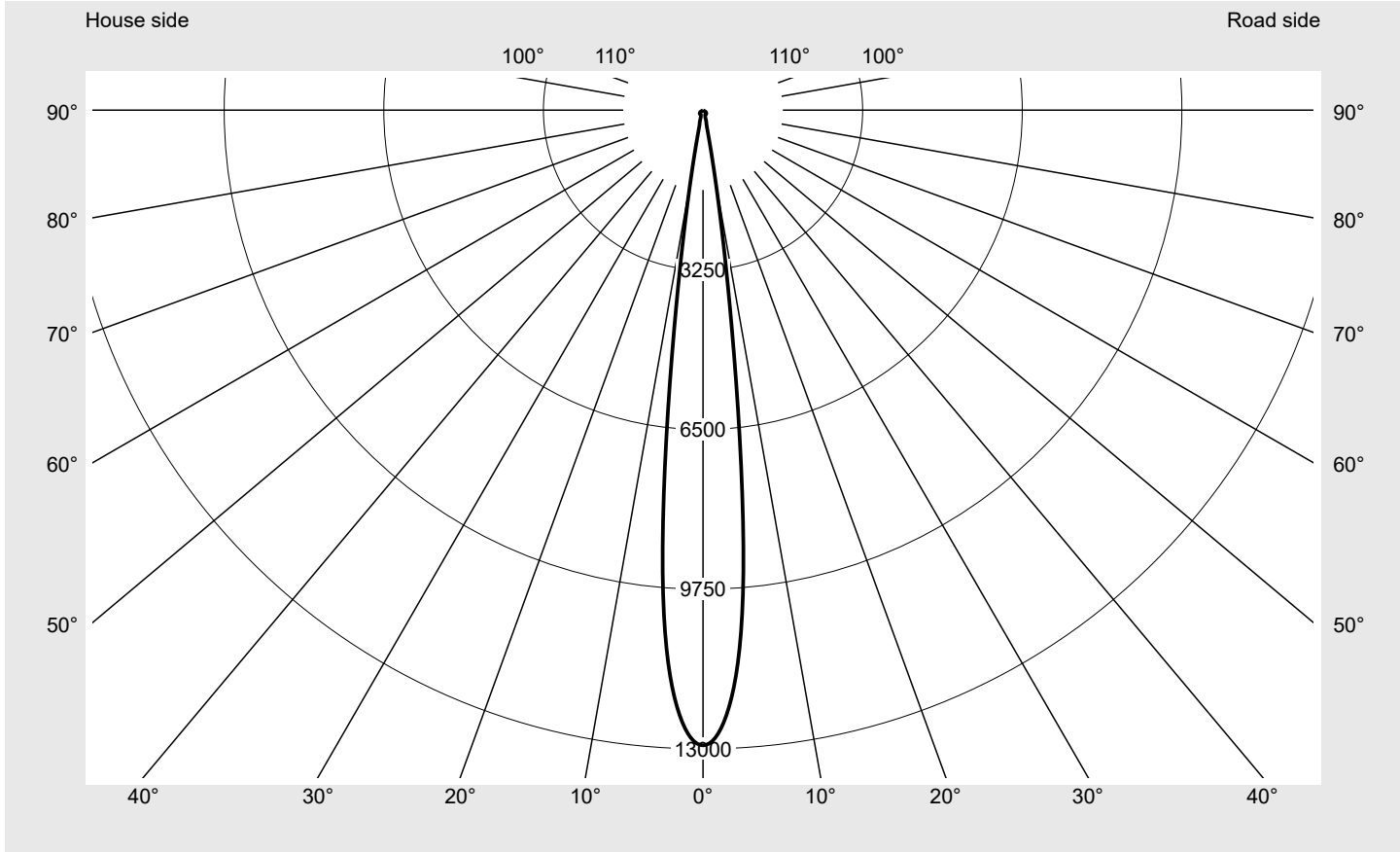


Photometric test report

Family Floodlight FL11	Order number: 5XA779524K01BA EAN: 4058352574294	LP number 59243_39
	Version standard bracket Optic symmetric distribution RS7 Cover toughened safety glass Lamps LED 5700 K CRI ≥ 90 Controlgear ECG-DMX Rated values Ta = 10 °C Net luminous flux = 108360 lm Power consumption = 1020.5 W Luminous efficacy = 106.2 lm/W	serial documentation 19.09.2023



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%

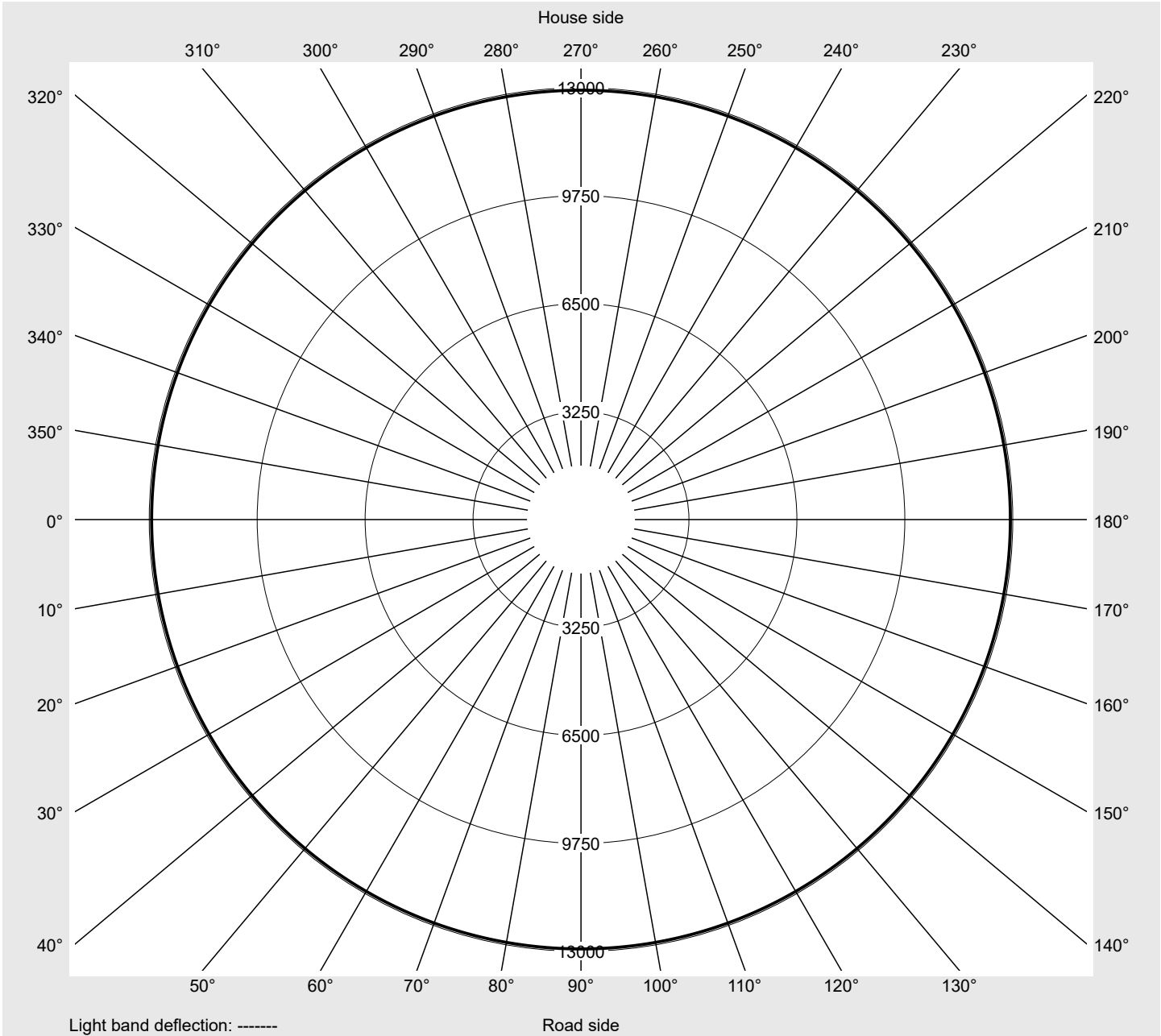
Luminous intensity class acc. to EN13201-2	
Class:	G6
Imax 70°	32.2
Imax 80°	9.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

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: 5XA779524K01BA
EAN: 4058352574294

LP number
59243_39

Dimming levels table

environmental temperature: 10°C

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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	108360	1020.5
95	238	102959	949.9
90	222	97636	883.5
85	207	91943	822.1
80	192	86622	761.4
75	178	81362	704.6
70	164	75811	649.0
65	152	70492	600.1
60	136	65001	536.2
55	124	59720	488.9
50	111	54044	437.8
45	99	48624	390.7
40	87	43289	343.0
35	76	37949	300.2
30	63	32383	249.8
25	53	27172	211.8
20	42	21881	170.1
15	31	16450	128.5
10	20	10950	87.1
5	10	5662	49.8
2	3	1973	22.2

Dimming levels table

environmental temperature: 25°C

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
99	252	104169	1000.4
95	237	99613	938.4
90	220	94353	868.5
85	206	89229	811.4
80	190	83848	746.8
75	176	78796	690.6
70	162	73332	635.1
65	150	68339	586.1
60	134	63074	523.4
55	122	57732	476.5
50	110	52704	429.6
45	98	47383	383.0
40	85	41774	331.7
35	75	36913	293.2
30	62	31353	243.4
25	52	26380	205.7
20	41	21153	164.5
15	30	15698	123.8
10	19	10269	82.5
5	9	5127	45.4
2	3	1957	21.9

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Luminousfluxs table



Temperature °C	Luminous flux lm	Power consumption W
10.0	108360.0	1020.5
25.0	104980.0	1012.8