
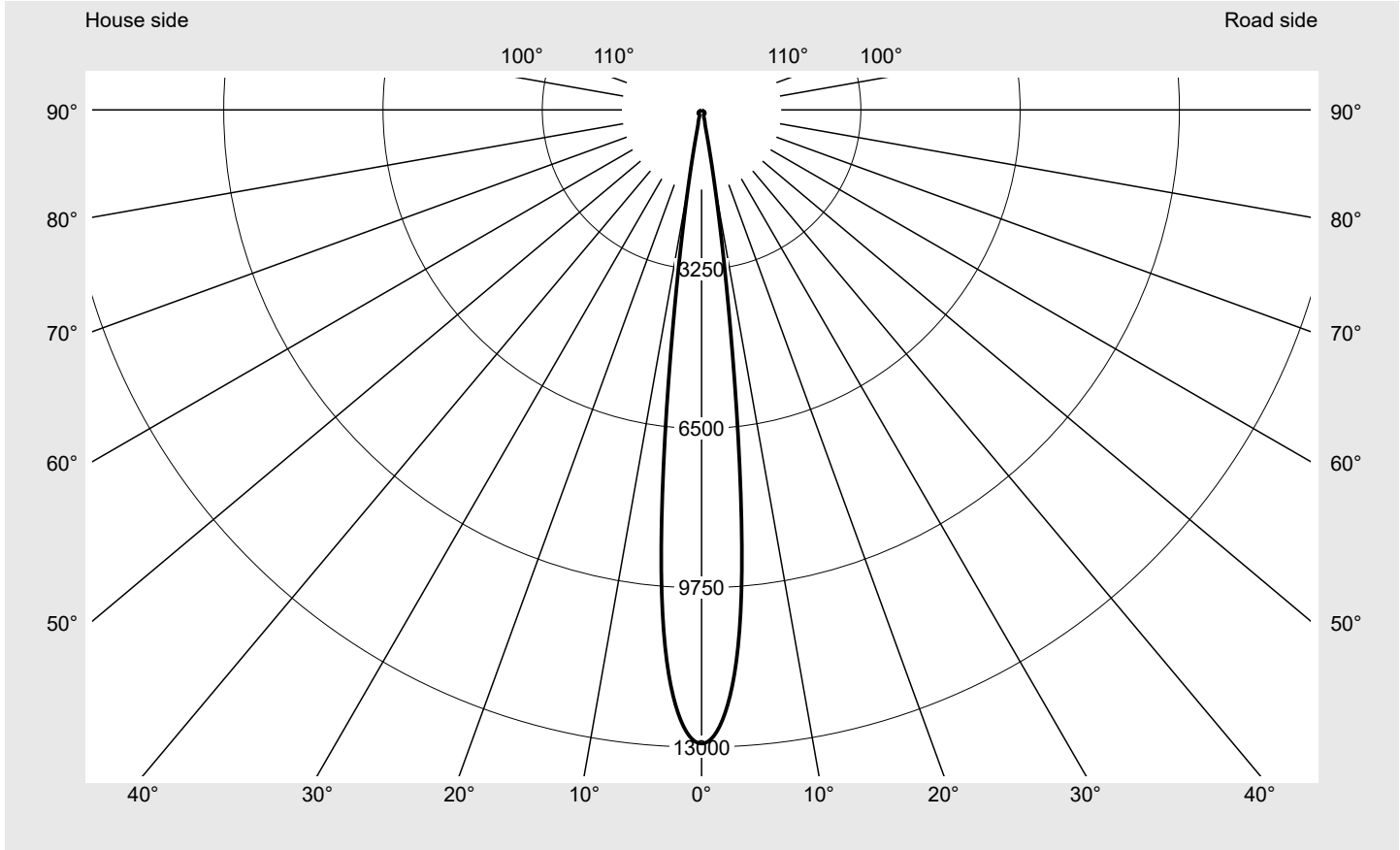


Photometric test report

Family Floodlight FL11	Order number: 5XA779125K01AA EAN: 4058352742730	LP number 59243_42
	Version standard bracket Optic symmetric distribution RS7 Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG-DALI Rated values Ta = 10 °C Net luminous flux = 161340 lm Power consumption = 1334.7 W Luminous efficacy = 120.9 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

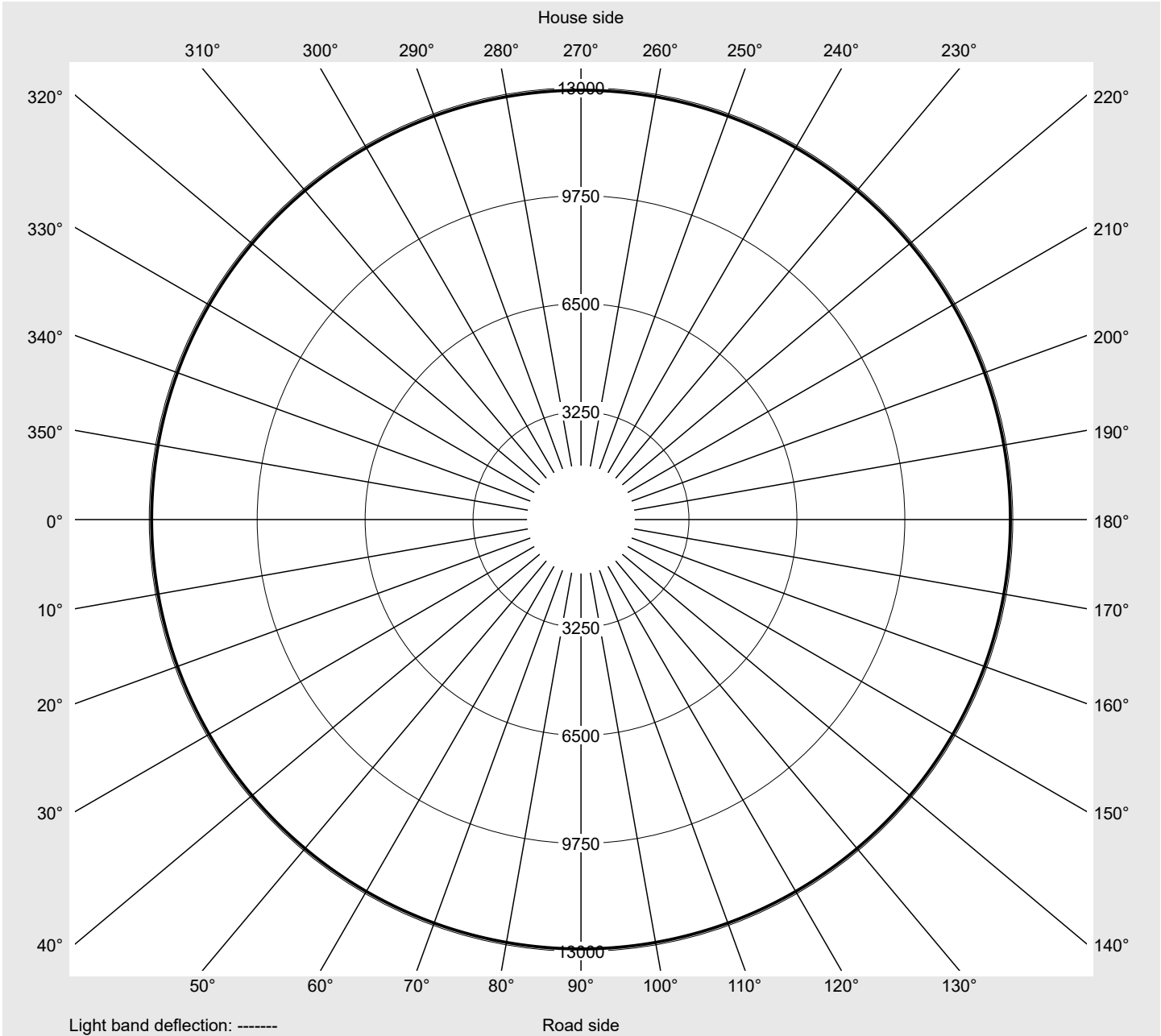
Measurement conditions

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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Dimming levels table	environmental temperature: 10°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	161340	1334.7
95	234	251	153456	1226.1
90	216	248	145259	1128.3
85	200	245	137067	1042.2
80	184	242	129103	955.4
75	169	239	120952	874.9
70	156	236	112886	805.6
65	142	233	104676	731.9
60	129	229	96597	663.8
55	118	226	88710	607.1
50	104	221	80808	533.5
45	93	217	72740	476.9
40	81	212	64274	415.7
35	70	207	56282	358.8
30	60	201	48667	308.2
25	48	193	39962	247.7
20	39	185	32567	203.1
15	28	173	23919	149.1
10	19	159	16242	104.7
5	9	132	8120	56.3
1	2	77	2192	20.5

Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	---	---	---	---
95	---	---	---	---
90	214	248	139434	1109.6
90	212	248	138674	1098.9
85	196	245	131006	1012.8
80	180	242	123070	926.7
75	165	238	115417	846.8
70	151	235	107679	772.9
65	138	232	99902	704.8
60	126	228	92526	642.9
55	114	225	84551	579.8
50	101	220	77321	512.9
45	90	216	69354	457.1
40	79	211	61759	401.3
35	68	206	53994	345.0
30	58	200	46331	294.9
25	47	192	38459	240.2
20	37	184	30684	191.2
15	27	172	22873	142.4
10	18	157	15578	98.5
5	9	132	8046	55.6
1	2	77	2174	20.2

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Luminousfluxs table **sITeco**

Temperature °C	Luminous flux lm	Power consumption W
10.0	161340.0	1334.7
25.0	139950.0	1116.9