

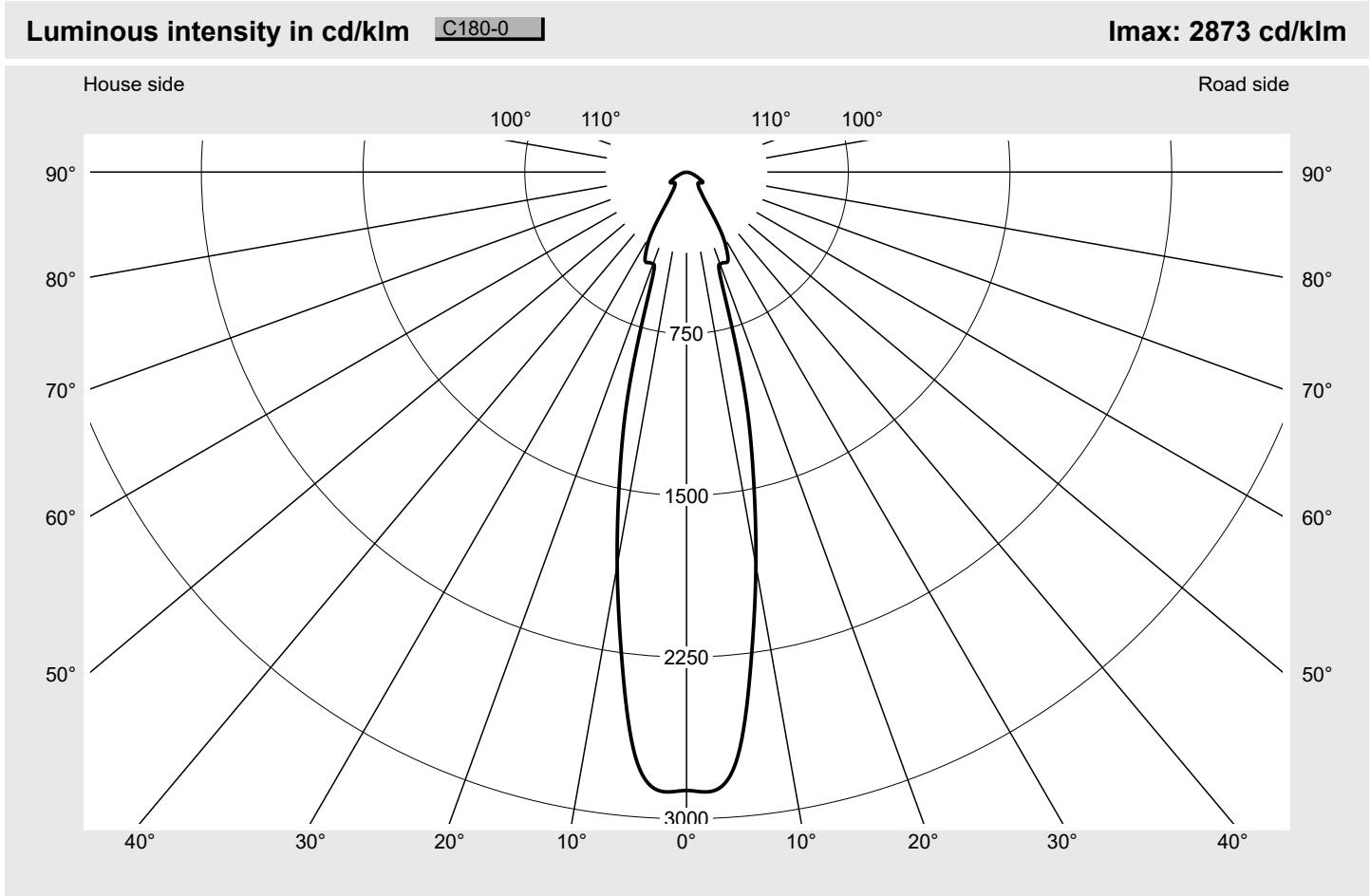


Photometric test report

Family Floodlight FL21 mini	Order number: 5XA7772D3B1A EAN: 4058352656211	LP number 59238_70
	Version mounting bracket Optic symmetric distribution RS12 Cover toughened safety glass Lamps LED 3000 K CRI ≥ 80 Controlgear ECG SITECO iQ Rated values Net luminous flux = 15500 lm Power consumption = 143.0 W Luminous efficacy = 108.4 lm/W	serial documentation 26.08.2022
		



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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

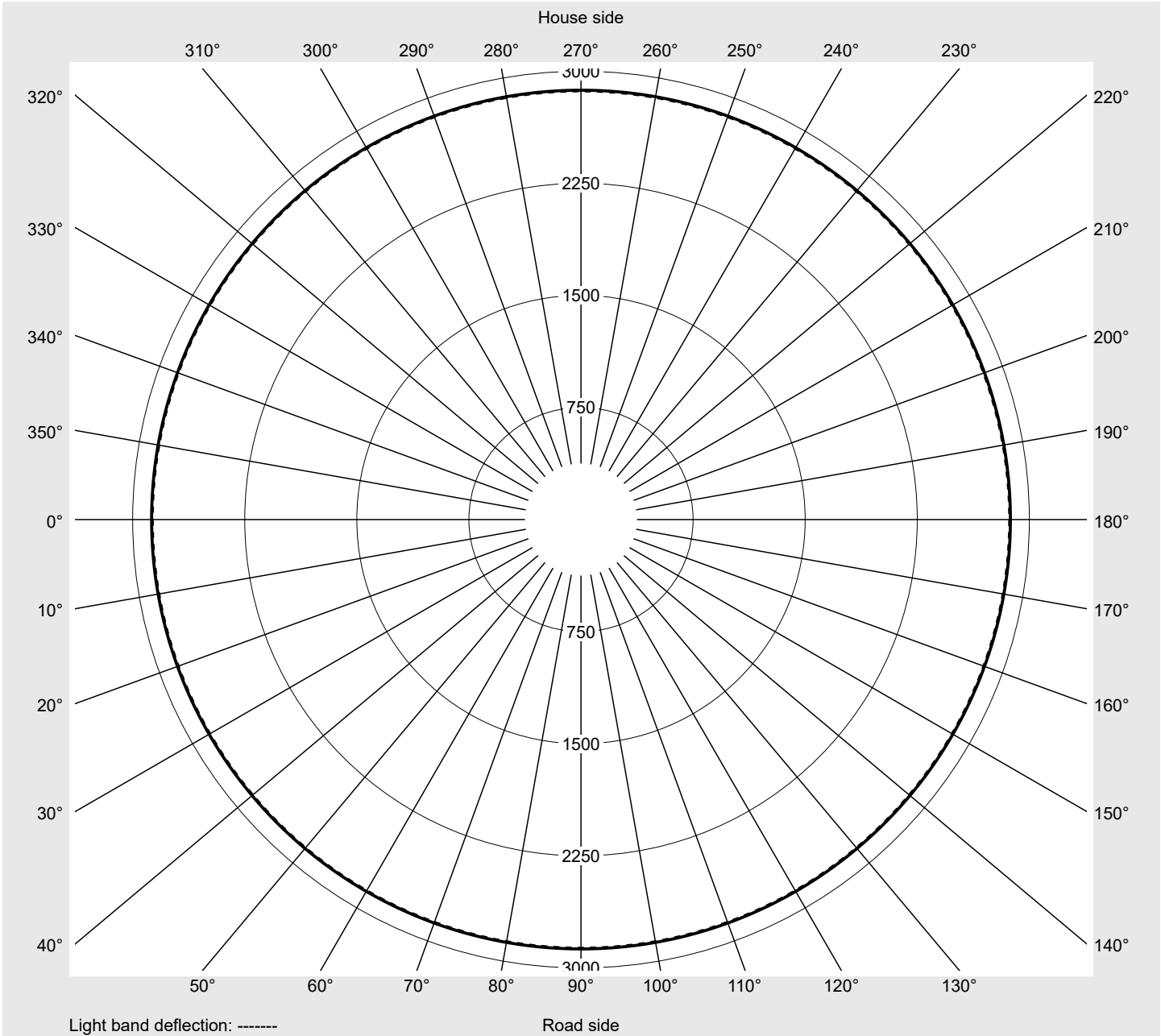
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Envelope curve in cd/klm KMK 2.5° KMK 0°



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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°	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: 25°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	15500	143.0	151.5	147.2
95	241	252	14707	132.7	140.6	136.6
90	229	250	13974	123.7	131.0	127.4
85	216	248	13181	114.4	121.1	117.8
80	203	246	12388	105.6	111.7	108.6
75	190	243	11594	97.1	102.6	99.8
70	178	241	10862	89.7	94.7	92.2
65	165	238	10069	81.8	86.4	84.1
60	152	235	9276	74.3	78.5	76.4
55	140	232	8543	67.6	71.3	69.4
50	127	229	7750	60.5	63.8	62.2
45	114	225	6957	53.7	56.7	55.2
40	102	221	6224	47.5	50.1	48.8
35	89	216	5431	41.0	43.2	42.1
30	76	210	4638	34.8	36.6	35.7
25	63	203	3844	28.7	30.2	29.4
20	51	195	3112	23.4	24.5	24.0
15	38	184	2319	17.8	18.6	18.2
11	28	173	1709	13.5	14.1	13.8