

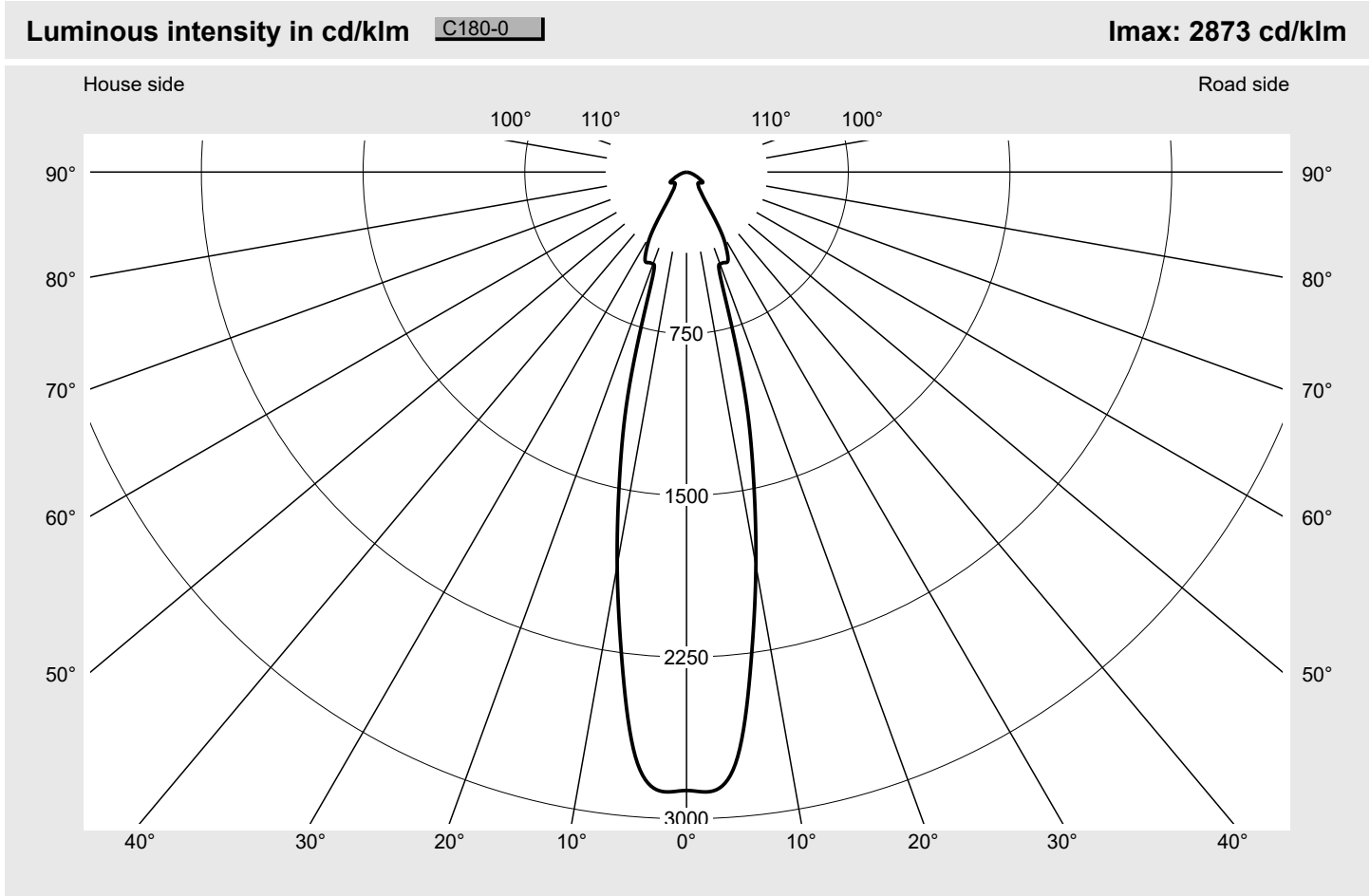


Photometric test report

Family Floodlight FL21 mini	Order number: 5XA7771D4B1A EAN: 4058352653548	LP number 59238_67
	Version mounting bracket Optic symmetric distribution RS12 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 18810 lm Power consumption = 143.0 W Luminous efficacy = 131.5 lm/W	serial documentation 26.08.2022
		



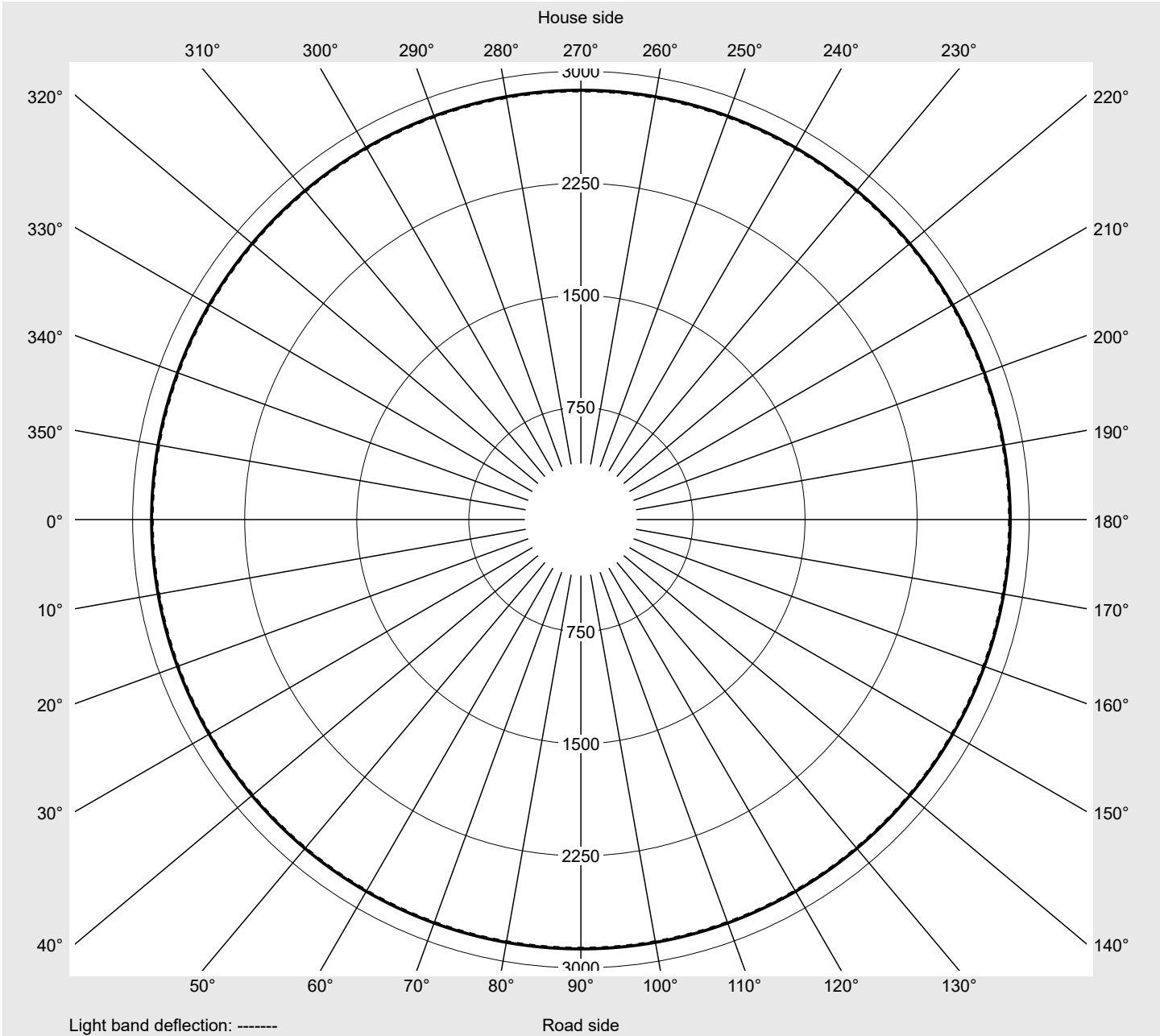
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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° siteco



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sITeco

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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	18810	143.0	151.5	147.2
95	241	252	17847	132.7	140.6	136.6
90	229	250	16959	123.8	131.1	127.4
85	216	248	15996	114.6	121.2	117.9
80	203	246	15033	105.7	111.9	108.8
75	190	243	14070	97.3	102.8	100.0
70	178	241	13182	89.9	94.9	92.4
65	165	238	12219	82.0	86.7	84.4
60	152	235	11256	74.5	78.7	76.6
55	140	232	10368	67.8	71.5	69.6
50	127	229	9405	60.8	64.1	62.4
45	114	225	8442	53.9	56.9	55.4
40	102	221	7554	47.7	50.4	49.0
35	89	216	6591	41.2	43.5	42.4
30	76	210	5628	34.9	36.8	35.8
25	63	203	4665	28.9	30.4	29.6
20	51	195	3777	23.5	24.6	24.0
15	38	184	2814	17.9	18.7	18.3
11	27	172	1999	13.1	13.8	13.4