

Photometric test report

Family
Floodlight FL21 mini

Order number: 5XA7772B5B1A
EAN: 4058352654675

LP number
59238_58



Version mounting bracket
Optic direct, symmetric ellipsoid distribution
R120004
Cover toughened safety glass
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 5880 lm
Power consumption = 45.5 W
Luminous efficacy = 129.2 lm/W

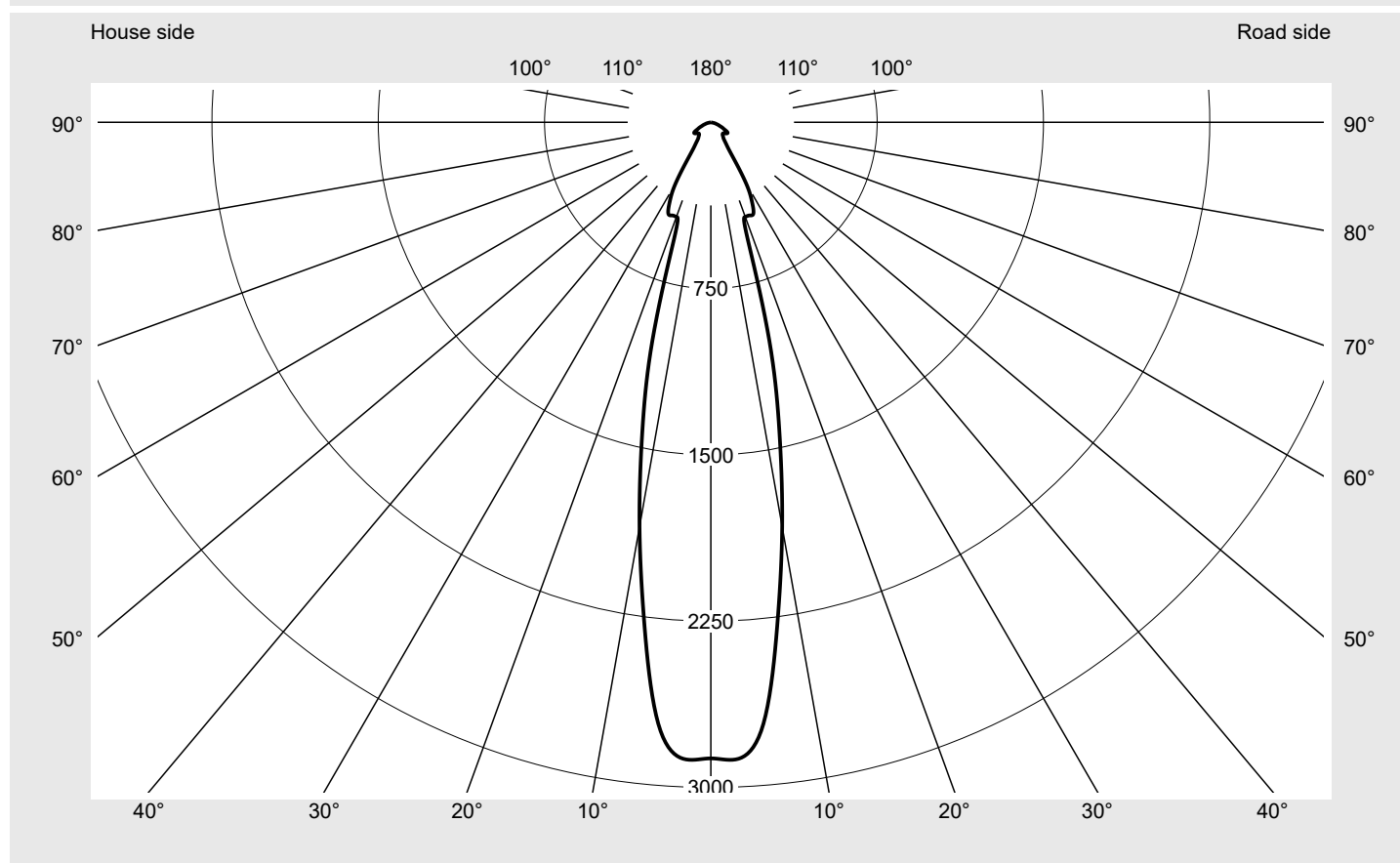
serial
documentation
26.08.2022

siteco

Luminous intensity in cd/klm

C180-0

Imax: 2873 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°	36.4
Imax 80°	9.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

DIN EN 13032 and DIN 5032

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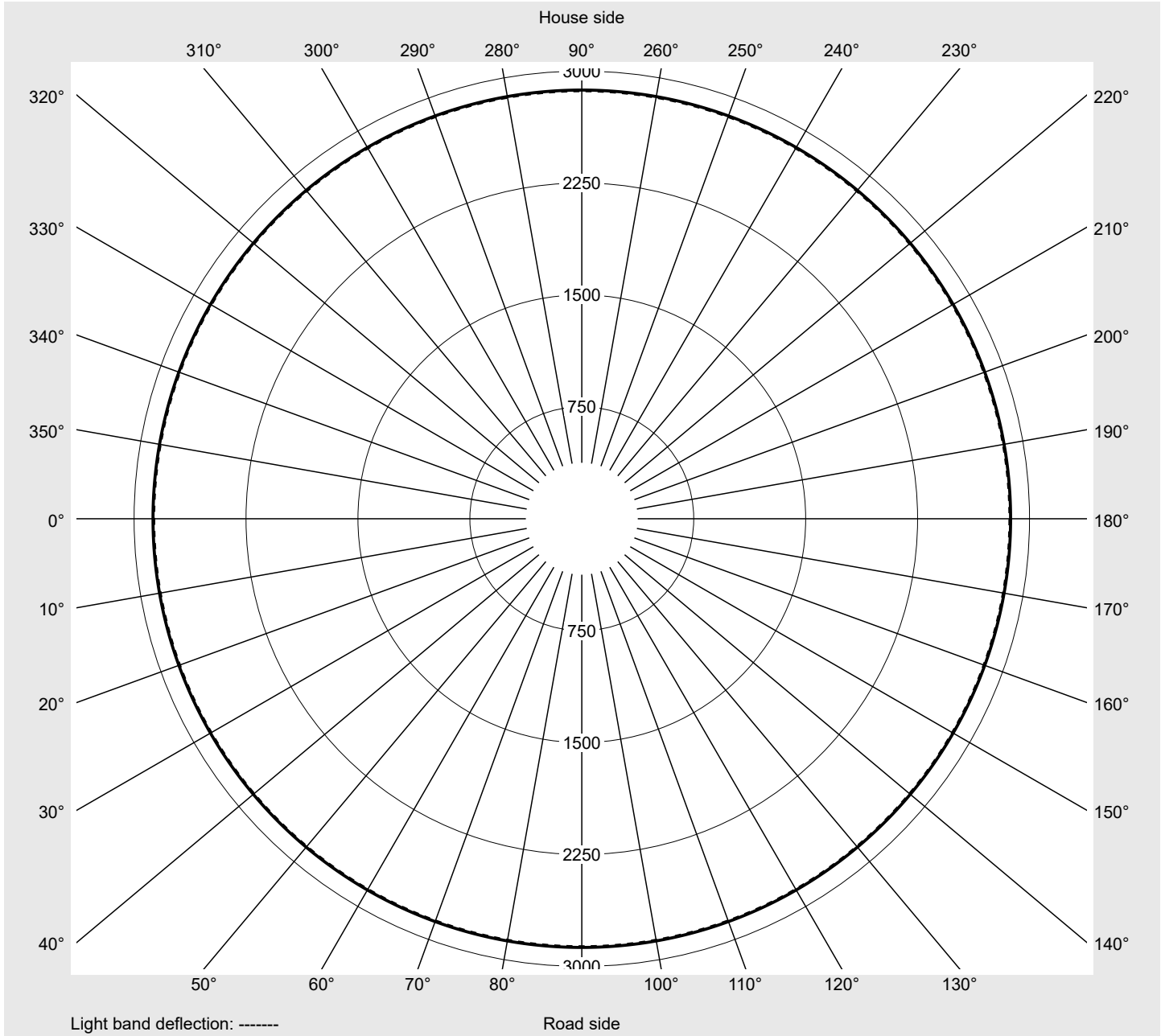
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Envelope curve in cd/klm

KMK 2,5°KMK 0°

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Table of values for luminous intensities Maximum luminous intensity		siteco

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

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	5880	45.5	48.0	46.8
95	241	252	5579	42.8	45.1	44.0
90	229	250	5301	40.3	42.5	41.4
85	216	248	5000	37.7	39.7	38.7
80	203	246	4699	35.1	37.0	36.0
75	190	243	4398	32.8	34.4	33.6
70	178	241	4121	30.5	32.1	31.3
65	165	238	3820	28.2	29.6	28.9
60	152	235	3519	25.8	27.2	26.5
55	140	232	3241	23.7	24.9	24.3
50	127	229	2940	21.5	22.6	22.0
45	114	225	2639	19.3	20.3	19.8
40	102	221	2361	17.4	18.2	17.8
35	89	216	2060	15.3	16.1	15.7
30	76	210	1759	13.3	13.9	13.6
25	63	203	1458	11.4	11.9	11.6
20	51	195	1181	9.5	9.9	9.7
15	39	185	903	8.2	8.3	8.2