

Photometric test report

Family
Floodlight FL21 mini

Order number: 5XA7772C3B1A
EAN: 4058352655238

LP number
59238_63



Version mounting bracket
Optic direct, symmetric ellipsoid distribution
 R120004
Cover toughened safety glass
Lamps LED 3000 K | CRI ≥ 80
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 10620 lm
 Power consumption = 87.2 W
 Luminous efficacy = 121.8 lm/W

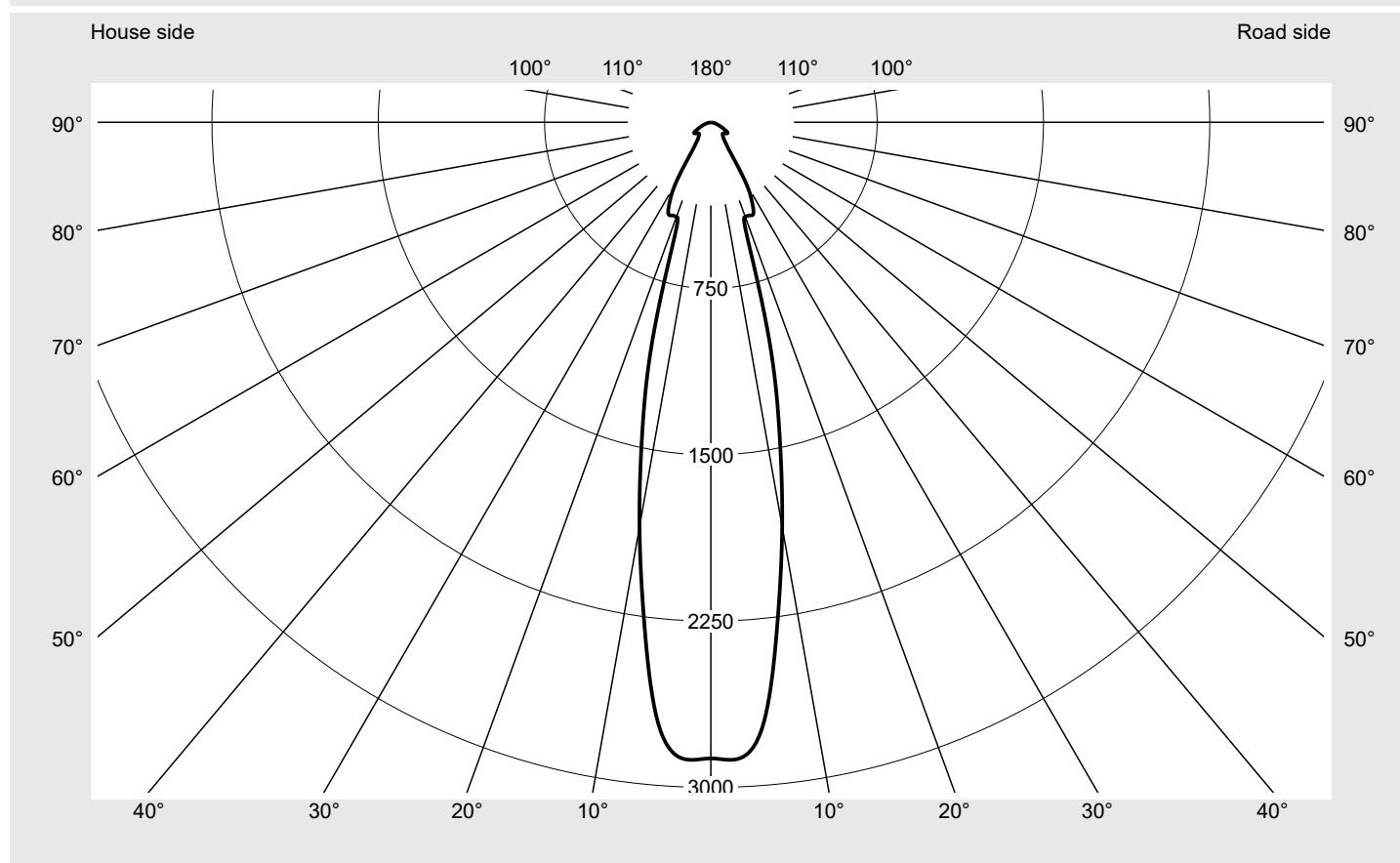
serial
documentation
26.08.2022

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

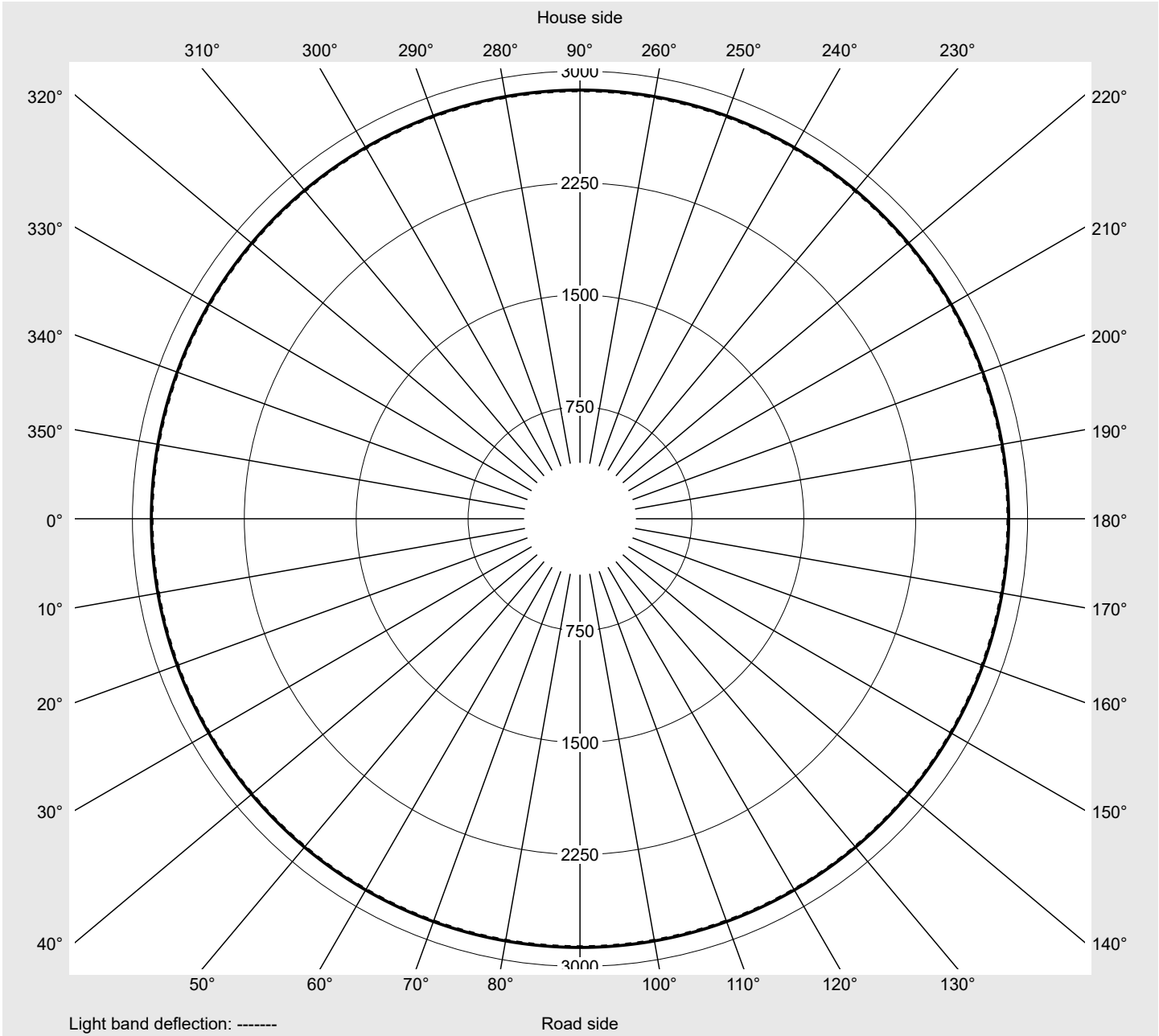
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL21 mini	Order number: 5XA7772C3B1A EAN: 4058352655238	LP number 59238_63
Envelope curve in cd/klm		KMK 2,5° KMK 0°

siteco



Photometric test report

Family Floodlight FL21 mini	Order number: 5XA7772C3B1A EAN: 4058352655238	LP number 59238_63
Table of values for luminous intensities		Maximum luminous intensity s i T e c o

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

Photometric test report

Family Floodlight FL21 mini	Order number: 5XA7772C3B1A EAN: 4058352655238	LP number 59238_63
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	10620	87.2	92.1	89.6
95	241	252	10076	81.8	86.5	84.2
90	229	250	9575	77.1	81.4	79.2
85	216	248	9031	72.0	76.0	74.0
80	203	246	8488	67.1	70.7	68.9
75	190	243	7944	62.2	65.7	64.0
70	178	241	7442	57.9	61.0	59.4
65	165	238	6899	53.2	56.1	54.6
60	152	235	6355	48.5	51.3	49.9
55	140	232	5854	44.4	46.8	45.6
50	127	229	5310	40.1	42.2	41.2
45	114	225	4766	35.8	37.7	36.8
40	102	221	4265	31.9	33.5	32.7
35	89	216	3721	27.8	29.2	28.5
30	76	210	3178	23.8	25.0	24.4
25	63	203	2634	20.0	20.9	20.4
20	51	195	2132	16.4	17.2	16.8
16	40	186	1672	13.2	13.9	13.6