

Photometric test report

Family
Floodlight FL21 mini

Order number: 5XA7772C2B1A
EAN: 4058352654958

LP number
59238_62



Version mounting bracket
Optic direct, symmetric ellipsoid distribution
R120004
Cover toughened safety glass
Lamps LED 3000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 12340 lm
Power consumption = 87.2 W
Luminous efficacy = 141.5 lm/W

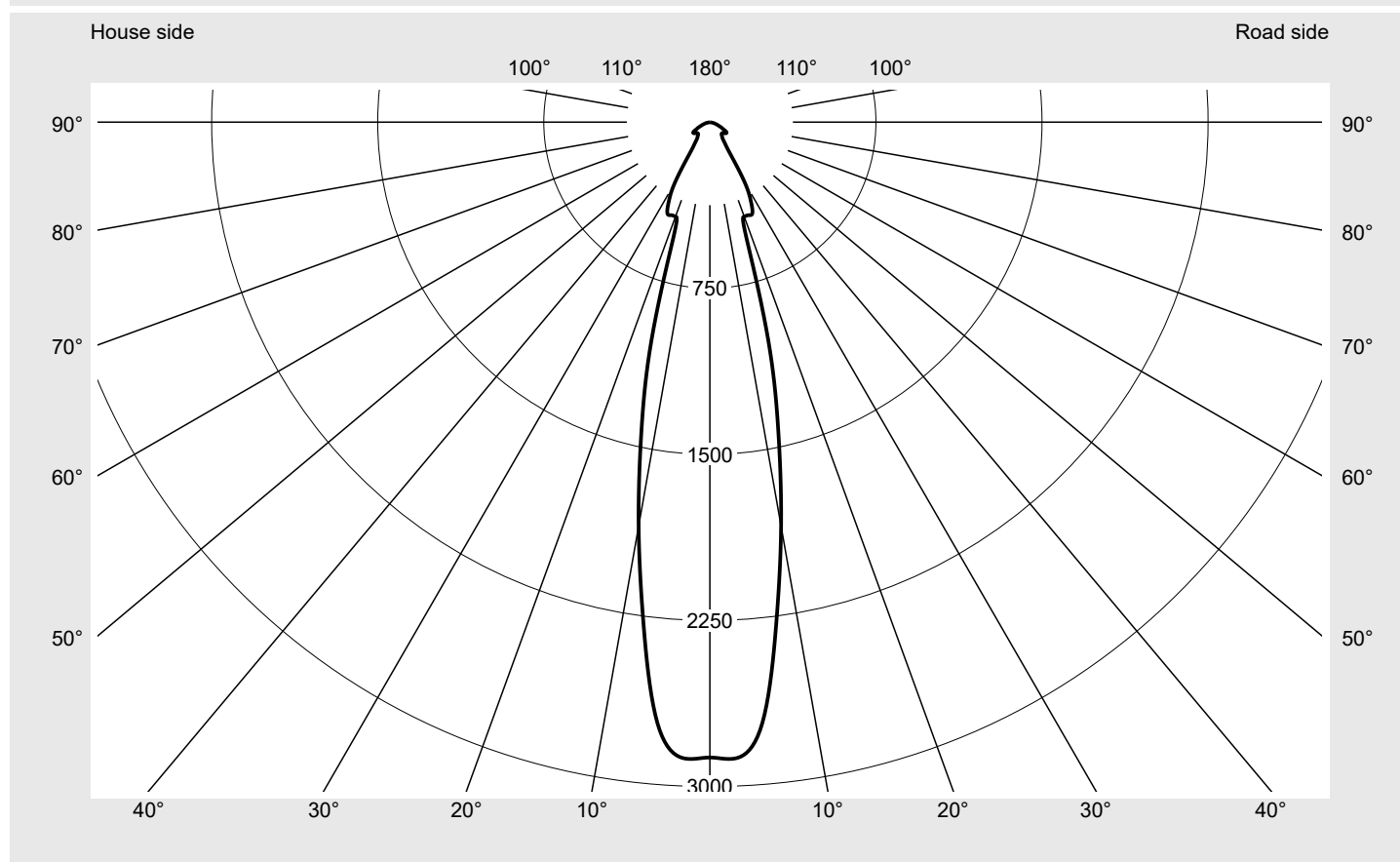
serial
documentation
26.08.2022

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

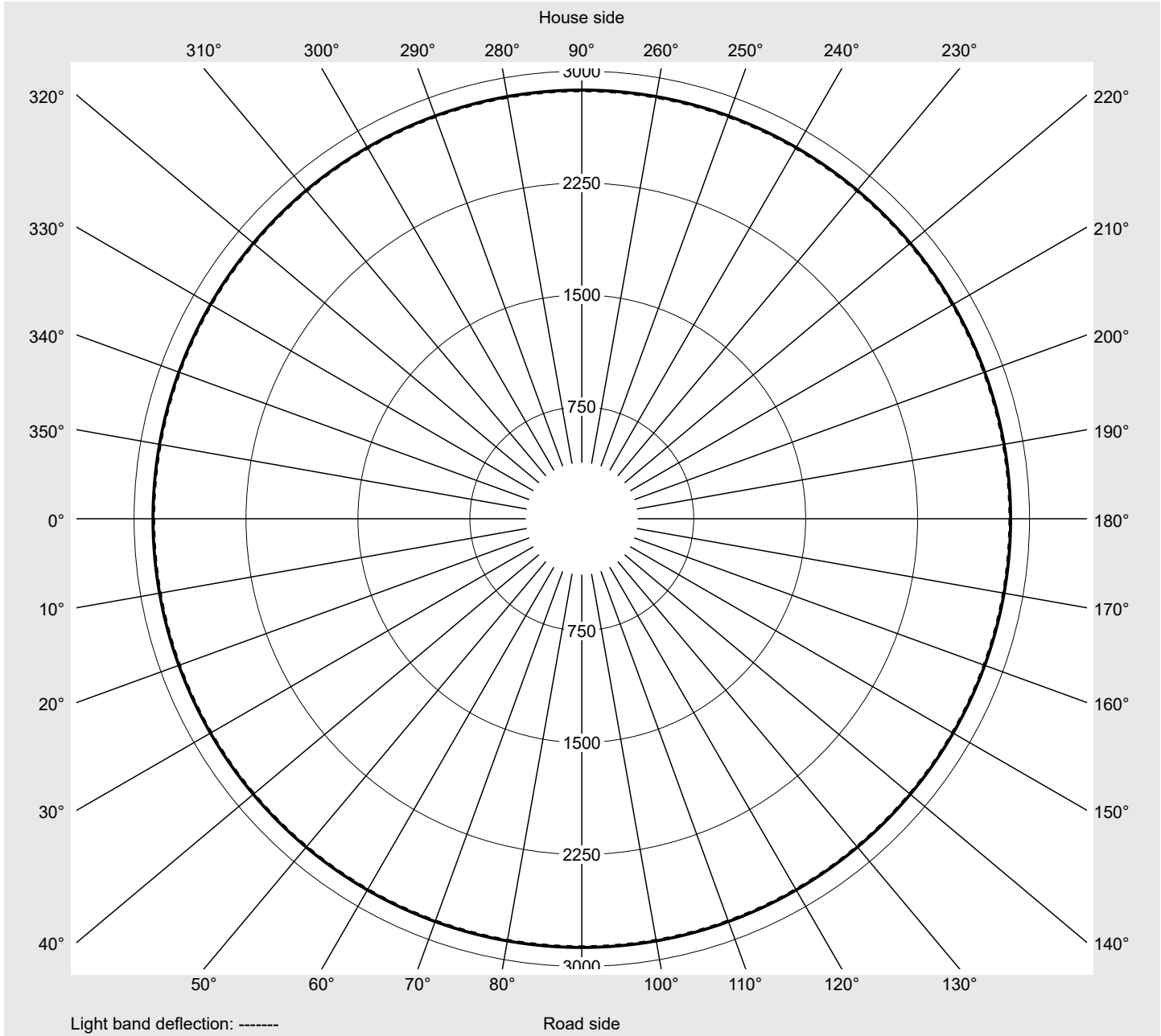
Order number: 5XA7772C2B1A
EAN: 4058352654958

LP number
59238_62

Envelope curve in cd/klm

KMK 2,5°KMK 0°

siteco



Photometric test report

Family Floodlight FL21 mini	Order number: 5XA7772C2B1A EAN: 4058352654958	LP number 59238_62
Table of values for luminous intensities		Maximum luminous intensity sit eco

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: 5XA7772C2B1A EAN: 4058352654958	LP number 59238_62
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	12340	87.2	92.1	89.6
95	241	252	11708	81.9	86.5	84.2
90	229	250	11125	77.1	81.4	79.2
85	216	248	10494	72.0	76.0	74.0
80	203	246	9862	67.1	70.8	68.9
75	190	243	9231	62.3	65.7	64.0
70	178	241	8648	57.9	61.0	59.4
65	165	238	8016	53.2	56.1	54.6
60	152	235	7385	48.6	51.4	50.0
55	140	232	6802	44.5	46.9	45.7
50	127	229	6170	40.1	42.2	41.2
45	114	225	5538	35.8	37.7	36.8
40	102	221	4955	31.9	33.6	32.8
35	89	216	4324	27.8	29.3	28.6
30	76	210	3692	23.8	25.0	24.4
25	63	203	3061	20.0	21.0	20.5
20	51	195	2478	16.5	17.3	16.9
16	40	186	1943	13.2	13.9	13.6