

Photometric test report

Family
Floodlight FL21 mini

Order number: 5XA7771B2B1A
EAN: 4058352651957

LP number
59238_52



Version	mounting bracket
Optic	symmetric distribution RS12
Cover	toughened safety glass
Lamps	LED 3000 K CRI ≥ 70
Controlgear	ECG SITECO iQ
Rated values	Net luminous flux = 6300 lm Power consumption = 45.5 W Luminous efficacy = 138.5 lm/W

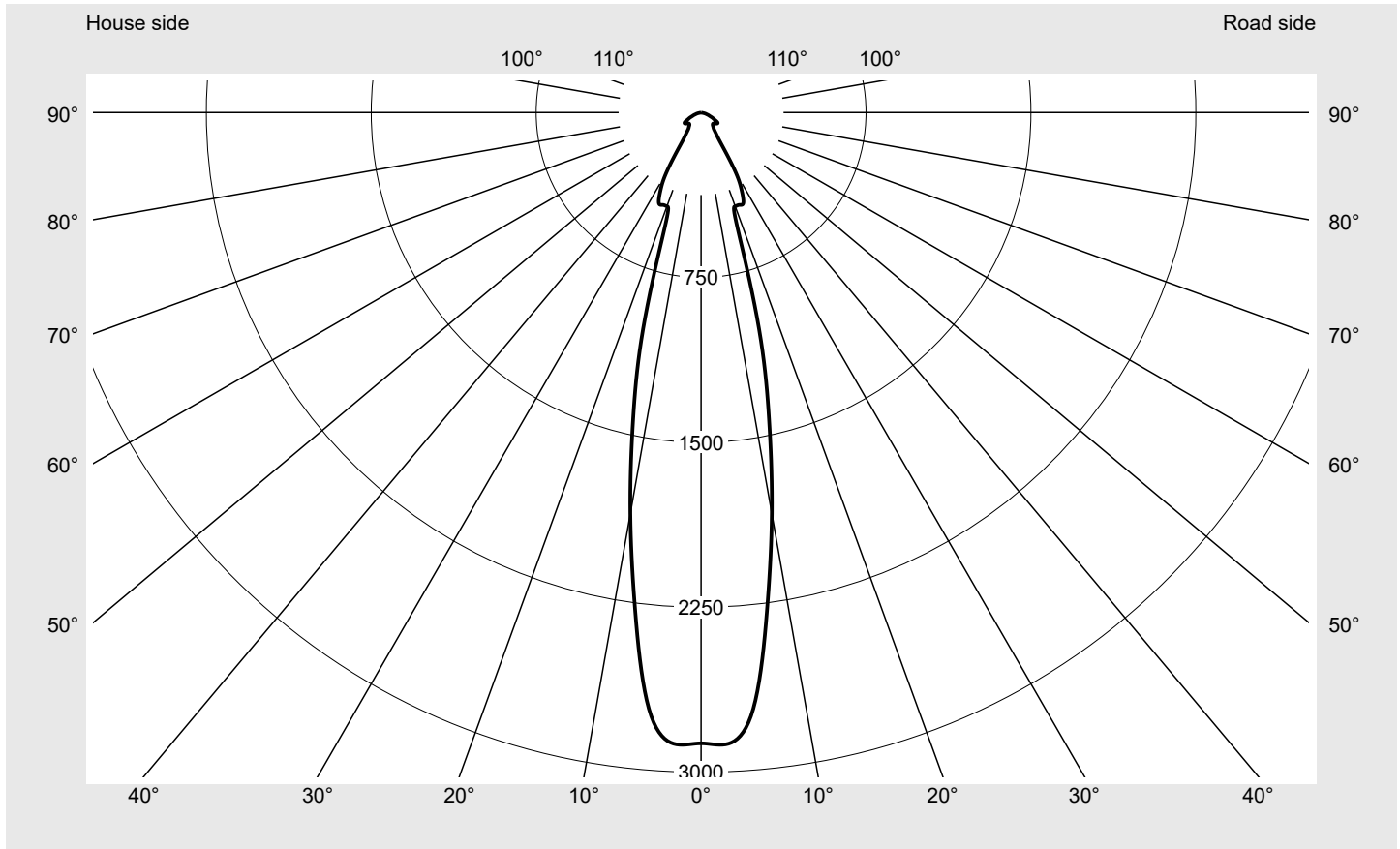
serial
documentation
26.08.2022

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

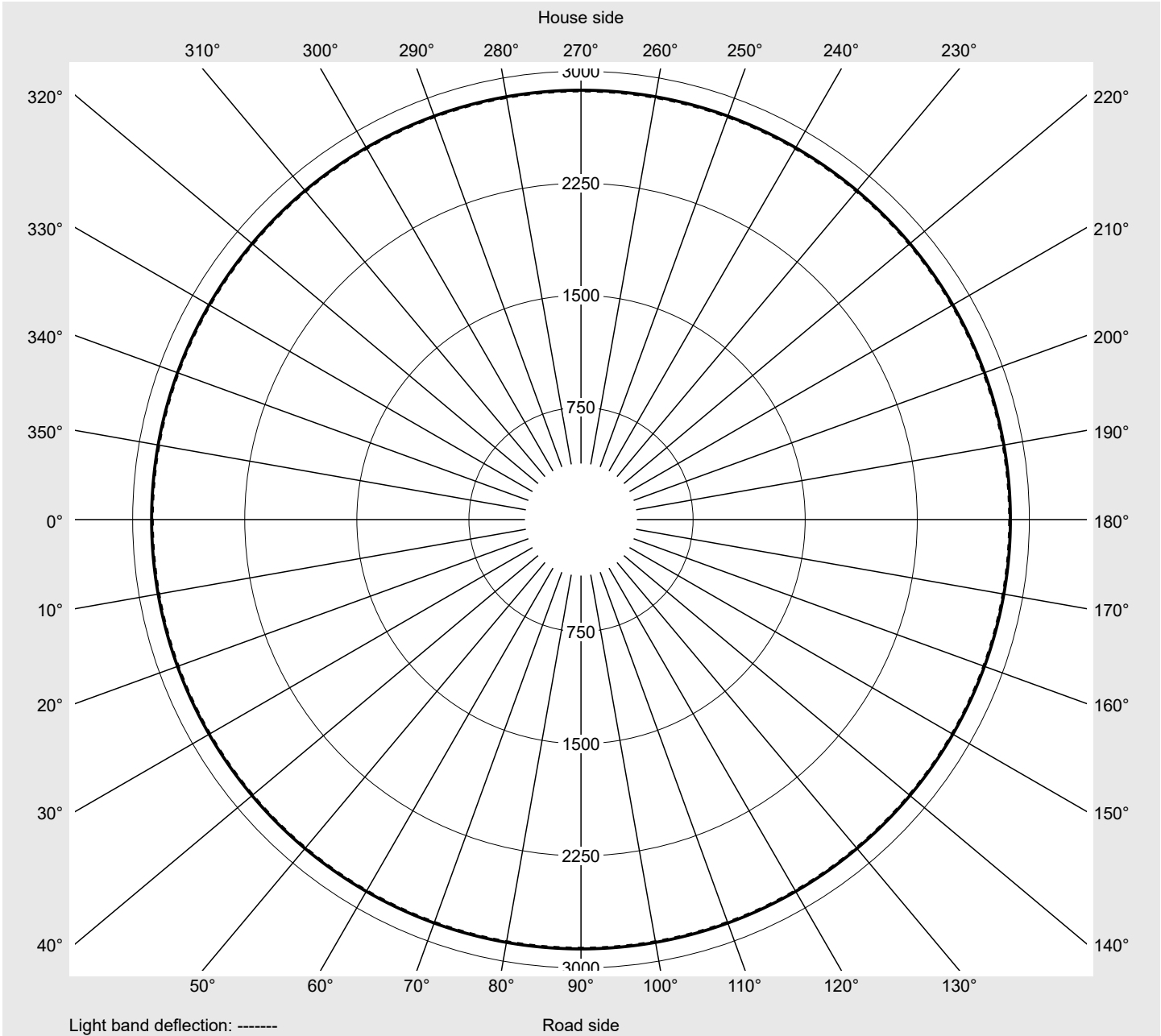
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL21 mini	Order number: 5XA7771B2B1A EAN: 4058352651957	LP number 59238_52
---------------------------------------	--	------------------------------

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



Photometric test report

Family Floodlight FL21 mini	Order number: 5XA7771B2B1A EAN: 4058352651957	LP number 59238_52
---------------------------------------	--	------------------------------

sITeco

Table of values for luminous intensities	Maximum luminous intensity
---	-----------------------------------

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: 5XA7771B2B1A EAN: 4058352651957	LP number 59238_52
---------------------------------------	--	------------------------------

Dimming levels table	environmental temperature: 25°C	siteco
-----------------------------	---------------------------------	---------------

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	6300	45.5	48.0	46.8
95	241	252	5978	42.8	45.1	44.0
90	229	250	5680	40.3	42.5	41.4
85	216	248	5357	37.7	39.7	38.7
80	203	246	5035	35.1	37.0	36.0
75	190	243	4713	32.8	34.4	33.6
70	178	241	4415	30.5	32.1	31.3
65	165	238	4093	28.2	29.6	28.9
60	152	235	3770	25.8	27.2	26.5
55	140	232	3472	23.7	24.9	24.3
50	127	229	3150	21.5	22.6	22.0
45	114	225	2828	19.3	20.3	19.8
40	102	221	2530	17.4	18.2	17.8
35	89	216	2207	15.3	16.1	15.7
30	76	210	1885	13.3	13.9	13.6
25	63	203	1563	11.4	11.9	11.6
20	51	195	1265	9.5	9.9	9.7
15	39	185	967	8.2	8.3	8.2