

Photometric test report

Family
Floodlight FL21 micro

Order number: 5XA7762A4B1A
EAN: 4058352669884

LP number
59238_35



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 = 3220 lm
 Power consumption = 23.1 W
 Luminous efficacy = 139.4 lm/W

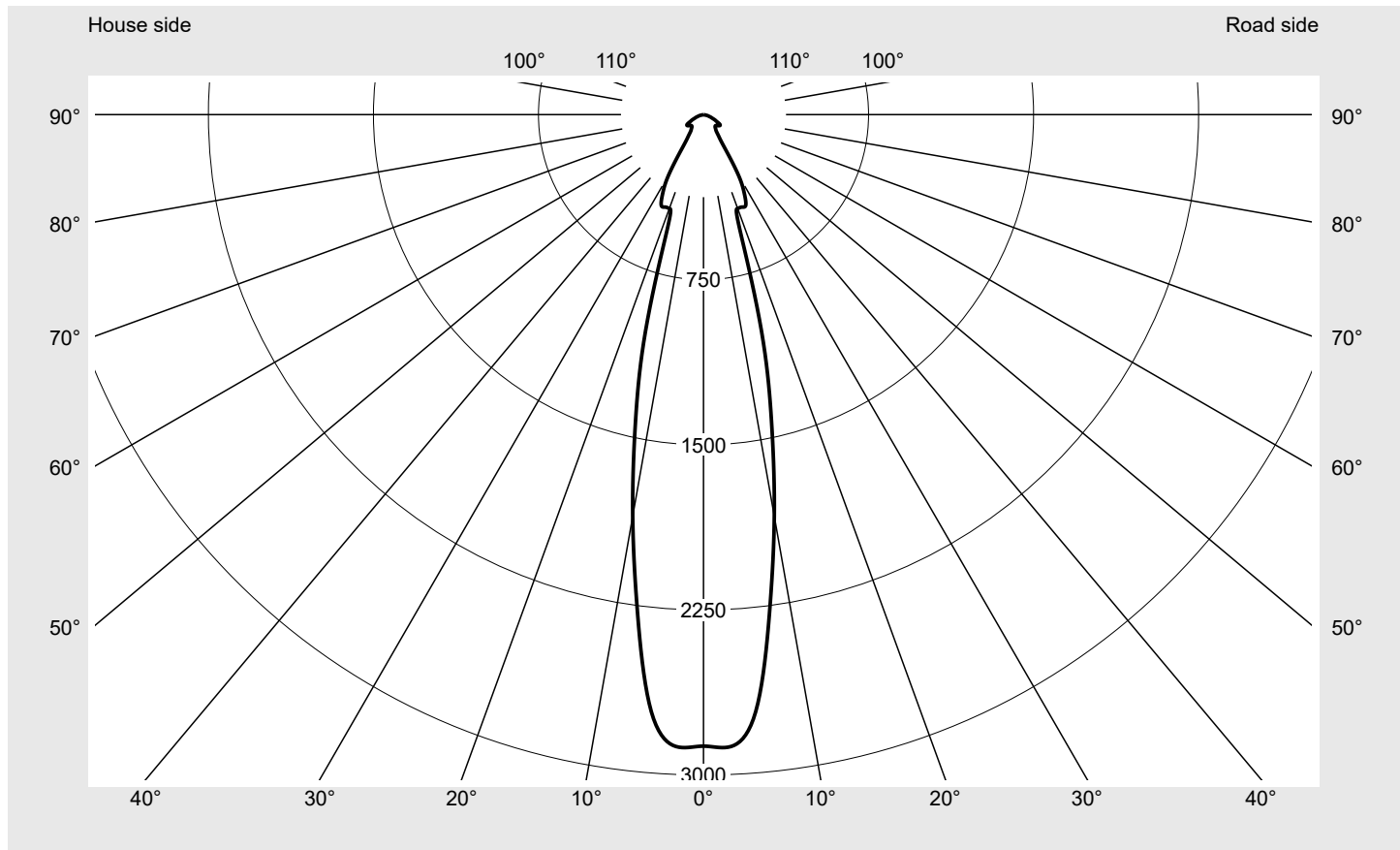
serial
documentation
05.07.2022

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

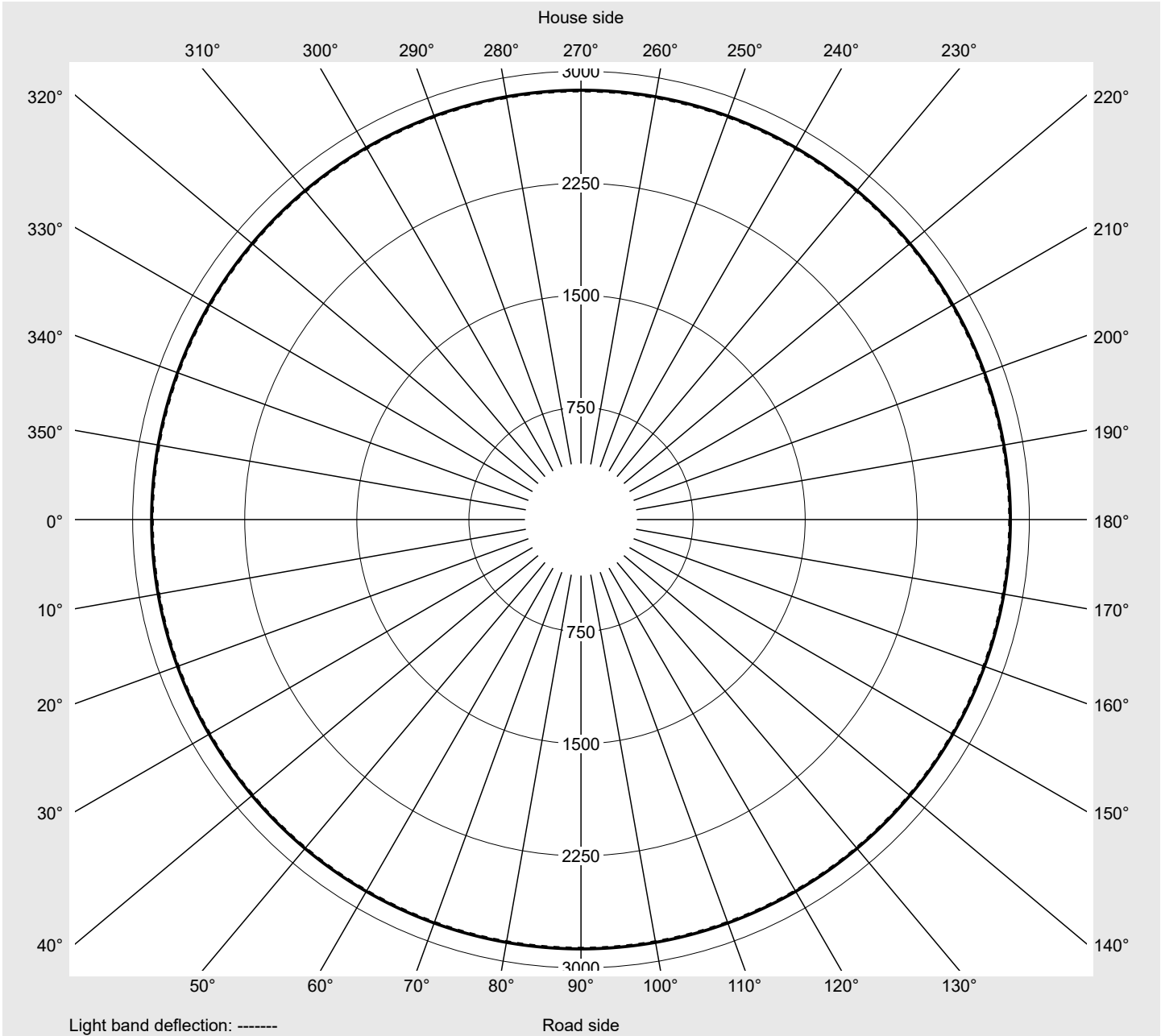
Measurement conditions

DIN EN 13032 and DIN 5032

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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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	3220	23.1	23.8	23.5
95	241	252	3055	21.7	22.4	22.0
90	229	250	2903	20.4	21.1	20.8
85	216	248	2738	19.1	19.7	19.4
80	203	246	2573	17.8	18.4	18.1
75	190	243	2409	16.6	17.1	16.8
70	178	241	2257	15.5	15.9	15.7
65	165	238	2092	14.3	14.7	14.5
60	152	235	1927	13.1	13.5	13.3
55	140	232	1775	12.1	12.4	12.2
50	127	229	1610	11.0	11.3	11.2
45	114	225	1445	9.9	10.2	10.0
40	102	221	1293	8.9	9.2	9.0
35	89	216	1128	7.9	8.1	8.0
30	76	210	963	7.0	7.1	7.0
25	63	203	799	5.9	6.1	6.0
20	51	195	647	5.1	5.2	5.2
15	39	185	494	4.2	4.3	4.2