

Photometric test report

Family
Floodlight FL21 micro

Order number: 5XA7762A1B1A
EAN: 4058352669488

LP number
59238_33



Version	mounting bracket
Optic	symmetric distribution RS12
Cover	toughened safety glass
Lamps	LED 2200 K CRI ≥ 70
Controlgear	ECG SITECO iQ
Rated values	Net luminous flux = 2560 lm Power consumption = 23.1 W Luminous efficacy = 110.8 lm/W

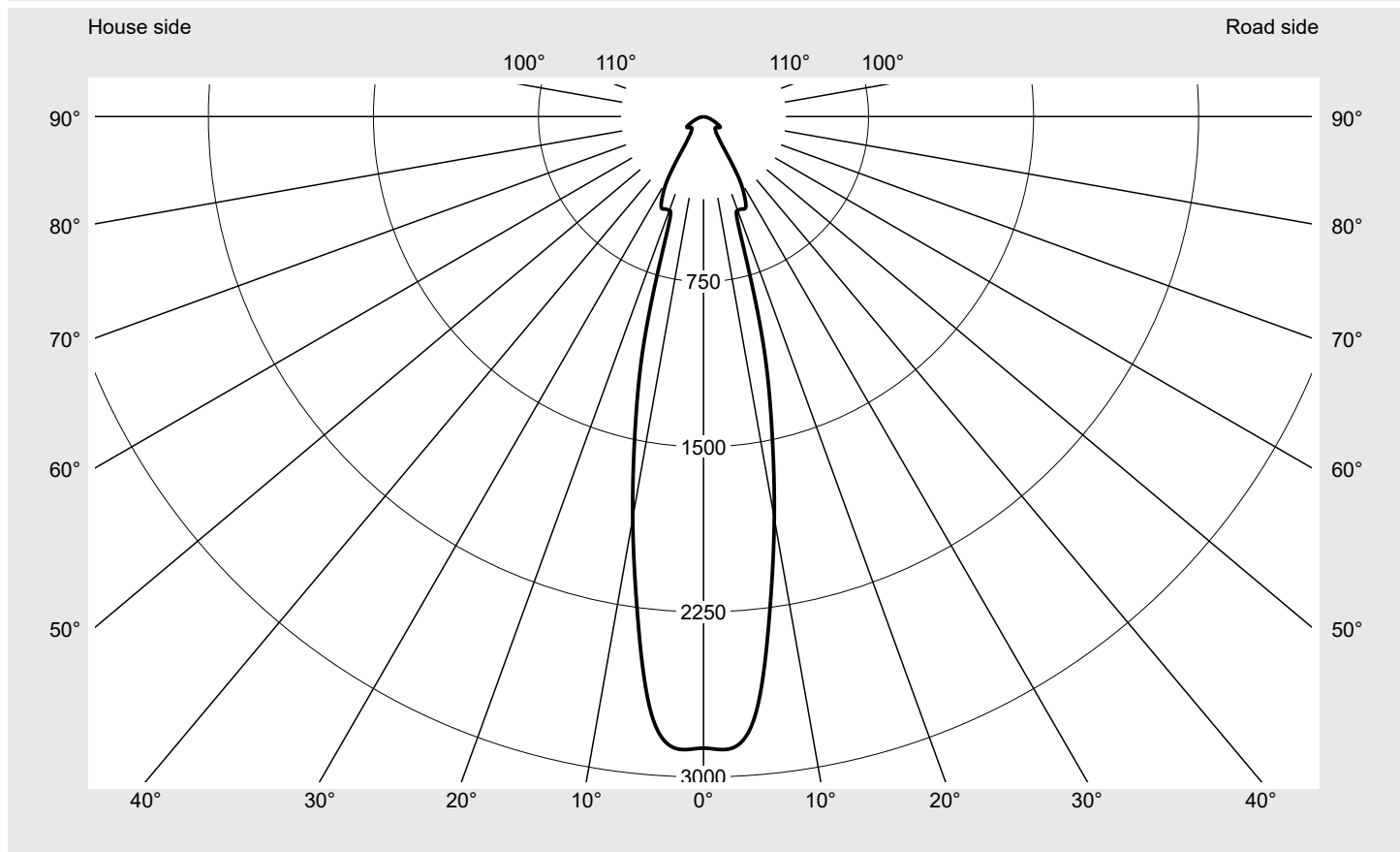
serial
documentation
05.07.2022

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

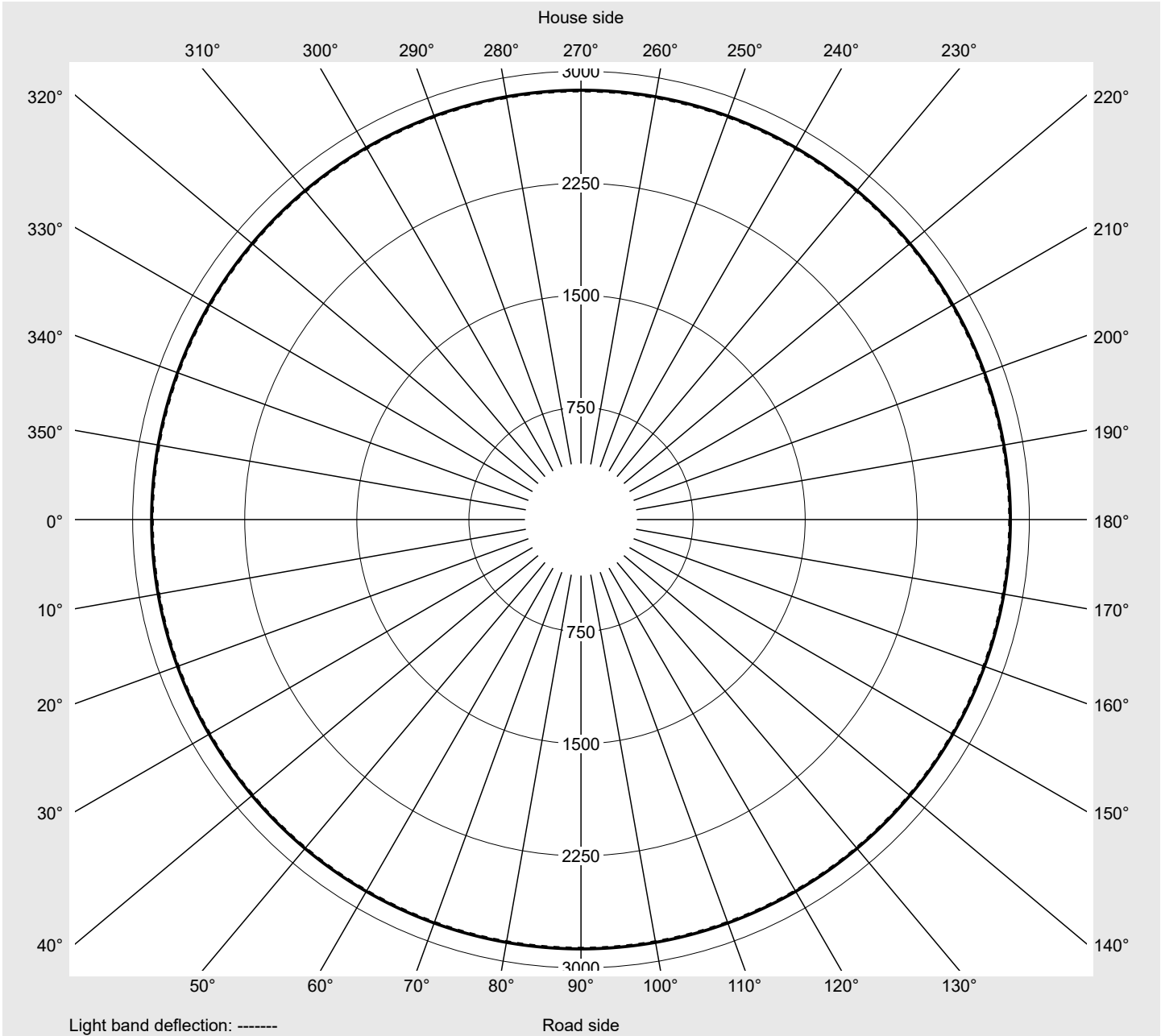
Measurement conditions

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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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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	2560	23.1	23.8	23.5
95	241	252	2429	21.7	22.4	22.0
90	229	250	2308	20.4	21.1	20.8
85	216	248	2177	19.1	19.7	19.4
80	203	246	2046	17.8	18.3	18.0
75	190	243	1915	16.6	17.1	16.8
70	178	241	1794	15.4	15.9	15.6
65	165	238	1663	14.3	14.7	14.5
60	152	235	1532	13.1	13.5	13.3
55	140	232	1411	12.1	12.4	12.2
50	127	229	1280	10.9	11.3	11.1
45	114	225	1149	9.9	10.2	10.0
40	102	221	1028	8.9	9.2	9.0
35	89	216	897	7.9	8.1	8.0
30	76	210	766	6.9	7.1	7.0
25	63	203	635	5.9	6.1	6.0
20	51	195	514	5.1	5.2	5.2
15	39	185	393	4.2	4.3	4.2