

Photometric test report

Family
Floodlight FL21 micro

Order number: 5XA7762A2B1A
EAN: 4058352669594

LP number
59238_34



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 = 3090 lm
 Power consumption = 23.1 W
 Luminous efficacy = 133.8 lm/W

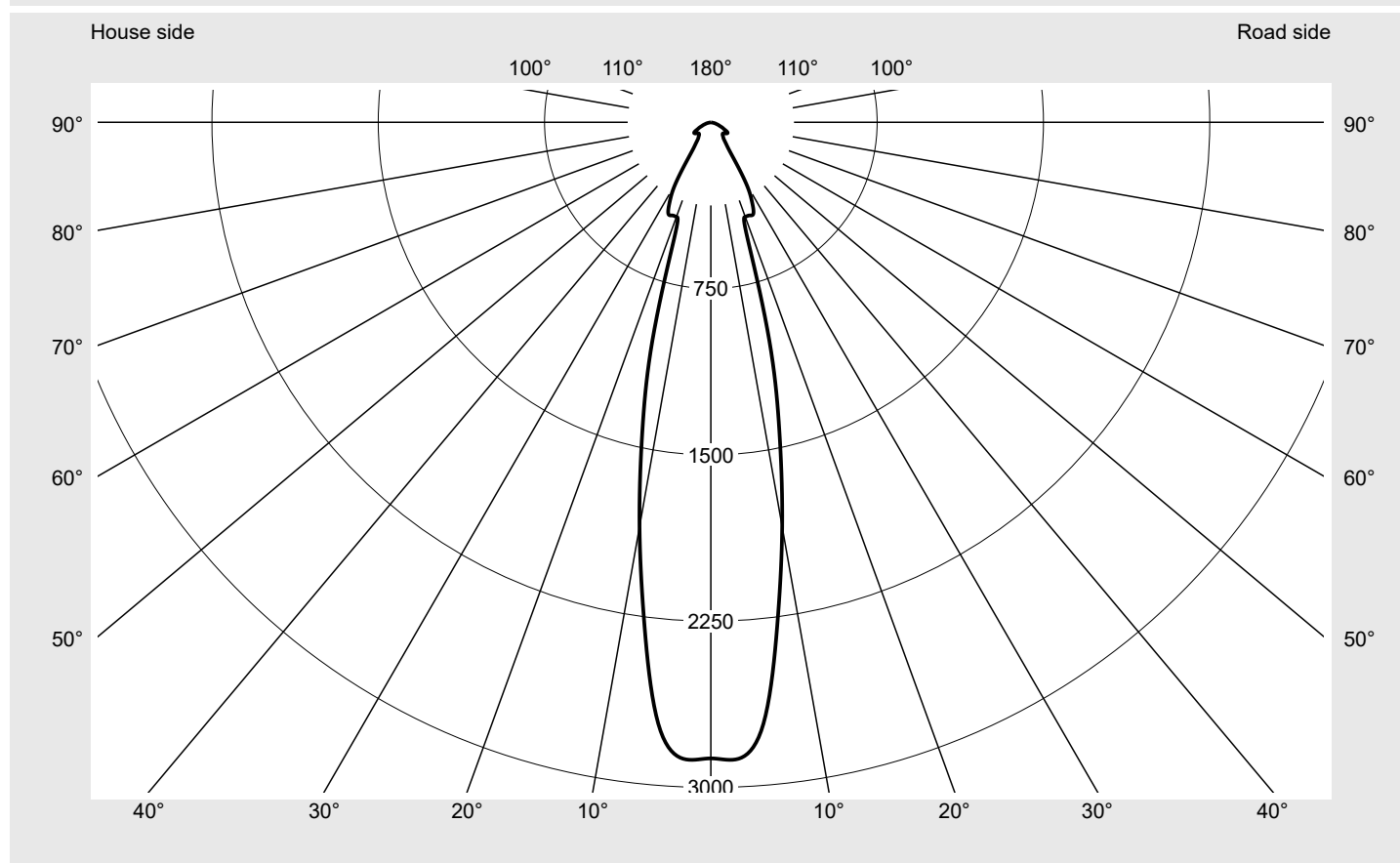
serial
documentation
05.07.2022

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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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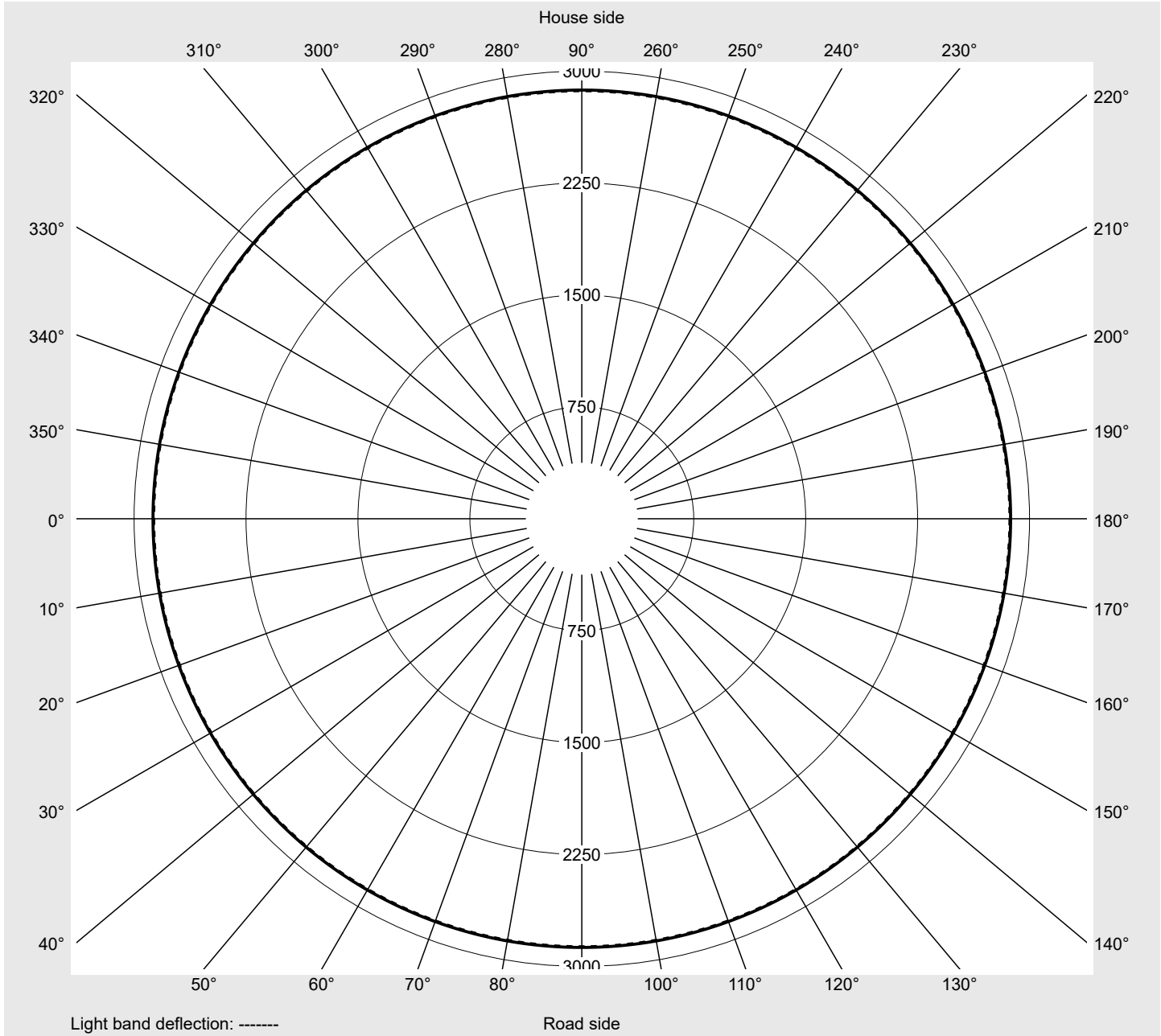
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Envelope curve in cd/klm

KMK 2,5°KMK 0°

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Table of values for luminous intensities Maximum luminous intensity		sITeco

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

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	3090	23.1	23.8	23.5
95	241	252	2932	21.7	22.4	22.0
90	229	250	2786	20.4	21.1	20.8
85	216	248	2628	19.1	19.7	19.4
80	203	246	2470	17.8	18.3	18.0
75	190	243	2311	16.6	17.1	16.8
70	178	241	2165	15.5	15.9	15.7
65	165	238	2007	14.3	14.7	14.5
60	152	235	1849	13.1	13.5	13.3
55	140	232	1703	12.1	12.4	12.2
50	127	229	1545	11.0	11.3	11.2
45	114	225	1387	9.9	10.2	10.0
40	102	221	1241	8.9	9.2	9.0
35	89	216	1083	7.9	8.1	8.0
30	76	210	925	6.9	7.1	7.0
25	63	203	766	5.9	6.1	6.0
20	51	195	620	5.1	5.2	5.2
15	39	185	474	4.2	4.3	4.2