

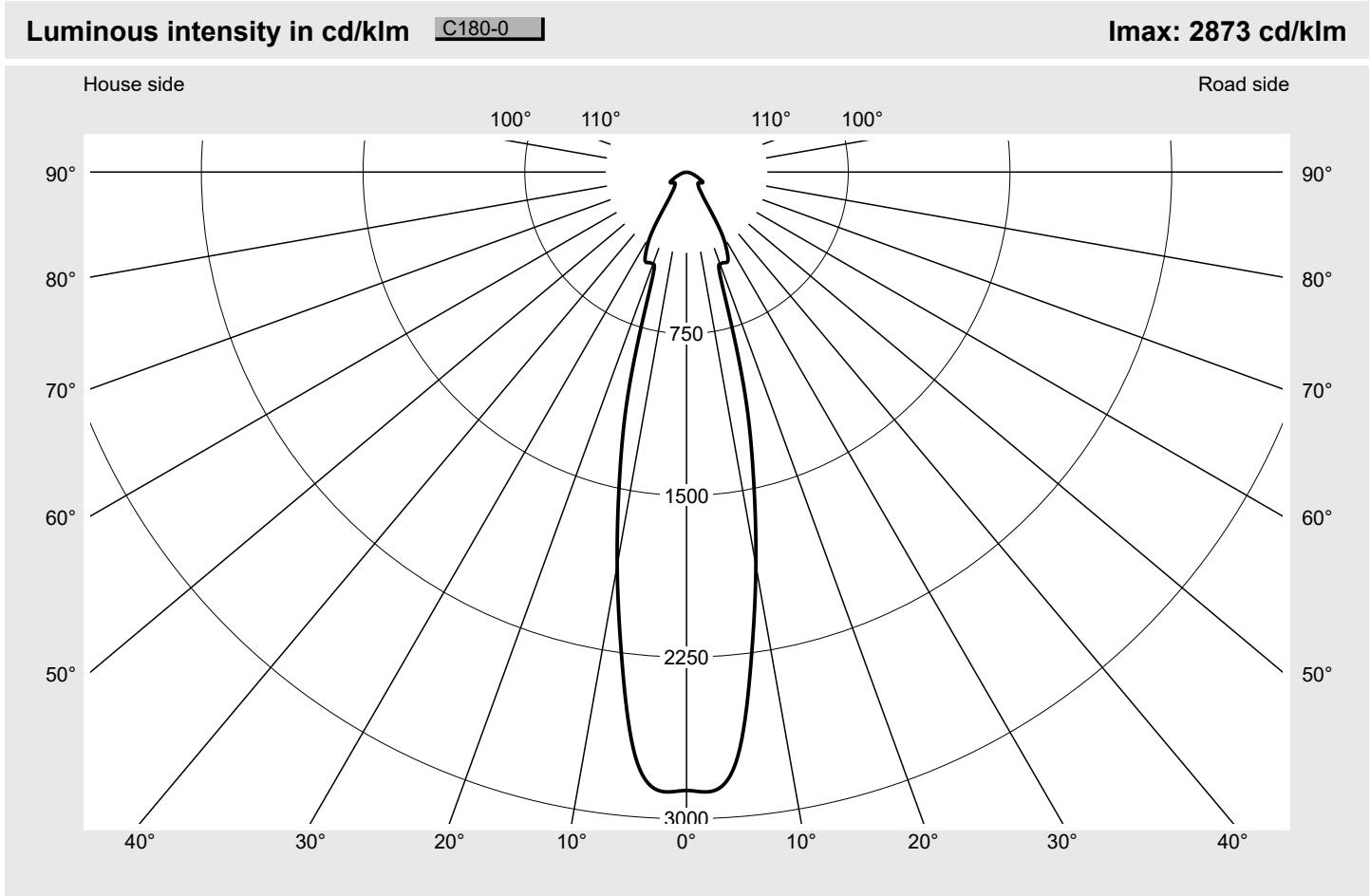


Photometric test report

Family Floodlight FL21 micro	Order number: 5XA7762A2B1A EAN: 4058352669594	LP number 59238_34
	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 = 3090 lm Power consumption = 23.1 W Luminous efficacy = 133.8 lm/W	serial documentation 05.07.2022







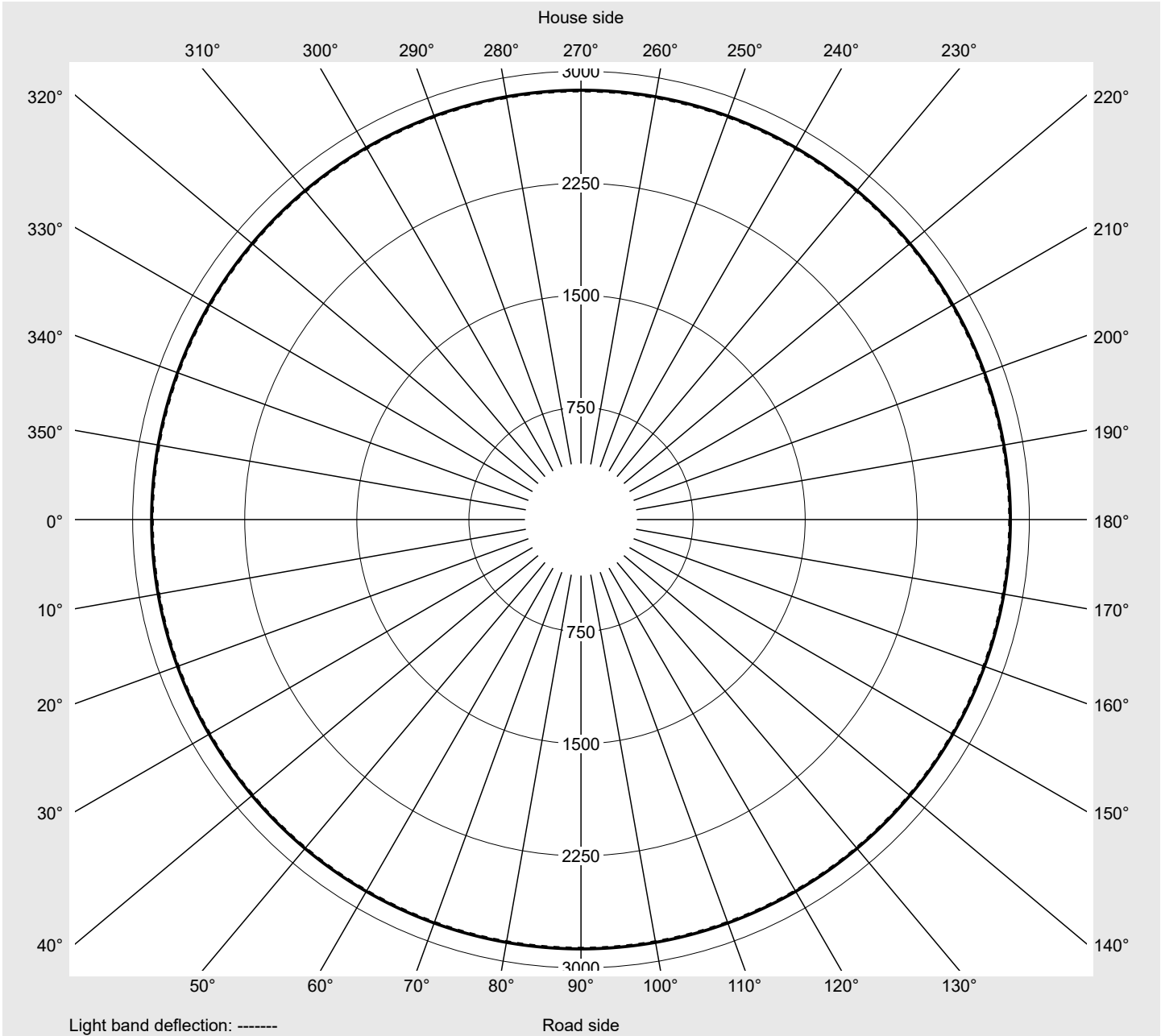
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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

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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	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