

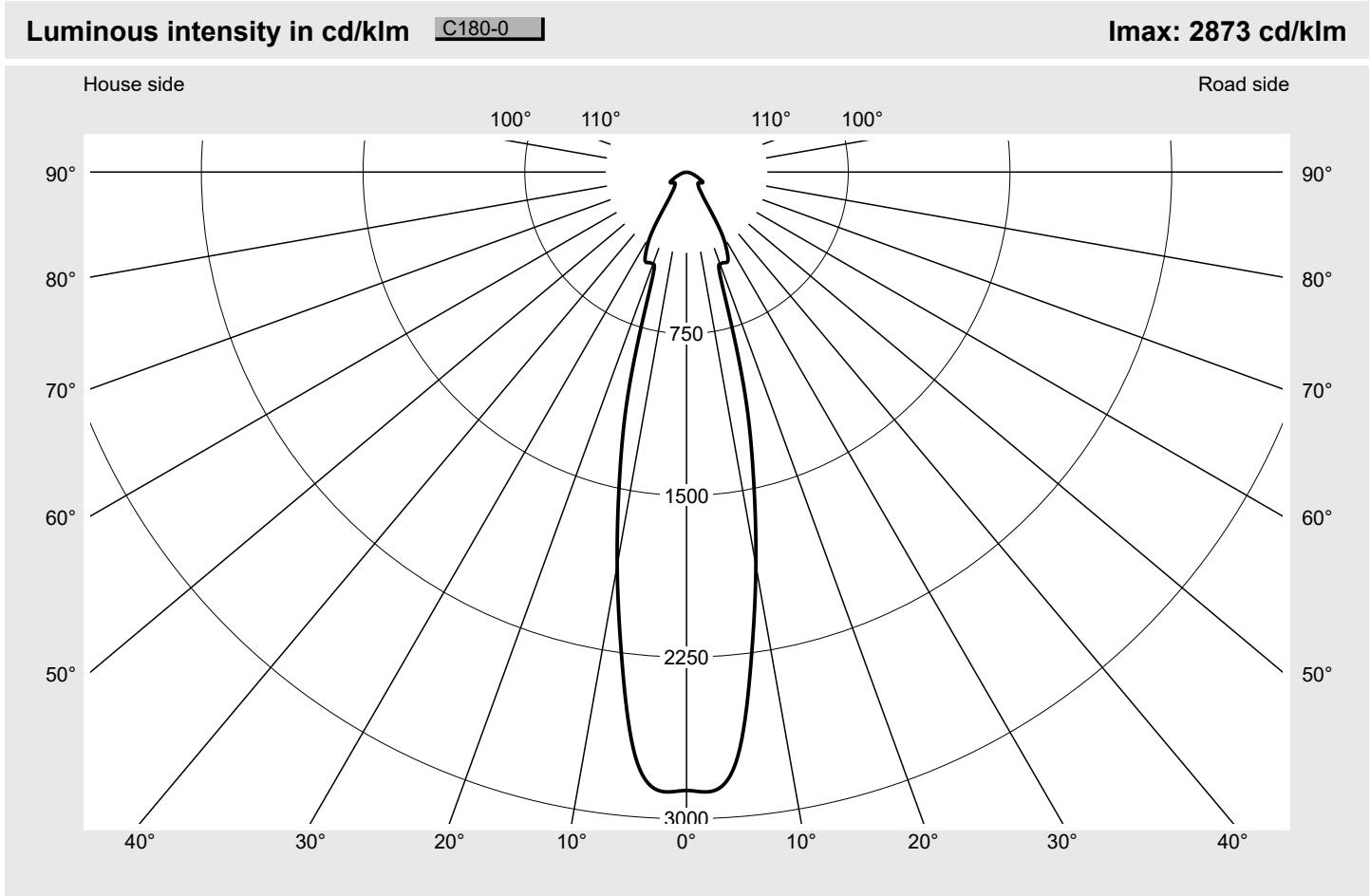


Photometric test report

Family Floodlight FL21 midi	Order number: 5XA7782E3B1A EAN: 4058352853658	LP number 59238_86
	Version mounting bracket Optic symmetric distribution RS12 Cover toughened safety glass Lamps LED 3000 K CRI ≥ 80 Controlgear ECG SITECO iQ Rated values Net luminous flux = 23000 lm Power consumption = 208.1 W Luminous efficacy = 110.5 lm/W	serial documentation 22.08.2023







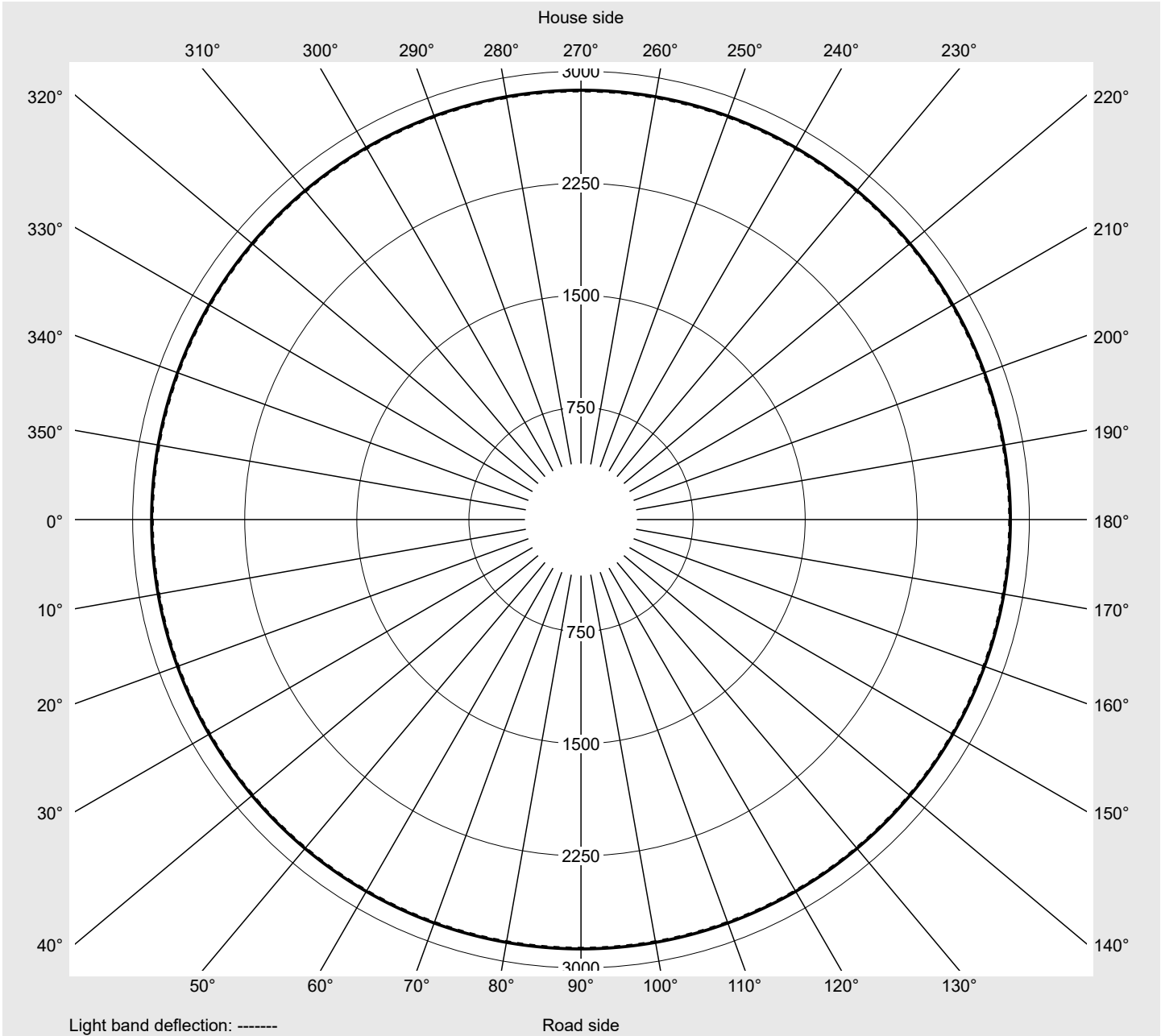
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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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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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	23000	208.1	227.1	217.6
95	241	252	21823	193.9	211.3	202.6
90	229	250	20736	181.2	197.5	189.4
85	216	248	19559	167.9	182.9	175.4
80	203	246	18382	155.2	168.9	162.0
75	190	243	17205	143.1	155.5	149.3
70	178	241	16118	132.2	143.7	138.0
65	165	238	14941	120.9	131.2	126.0
60	152	235	13764	110.0	119.3	114.6
55	140	232	12677	100.2	108.7	104.4
50	127	229	11500	90.0	97.4	93.7
45	114	225	10323	79.9	86.6	83.2
40	102	221	9236	70.8	76.8	73.8
35	89	216	8059	61.4	66.4	63.9
30	76	210	6882	52.3	56.4	54.4
25	63	203	5705	43.7	46.9	45.3
20	51	195	4618	35.9	38.5	37.2
15	38	184	3441	27.6	29.6	28.6
13	32	178	2898	23.9	25.5	24.7