

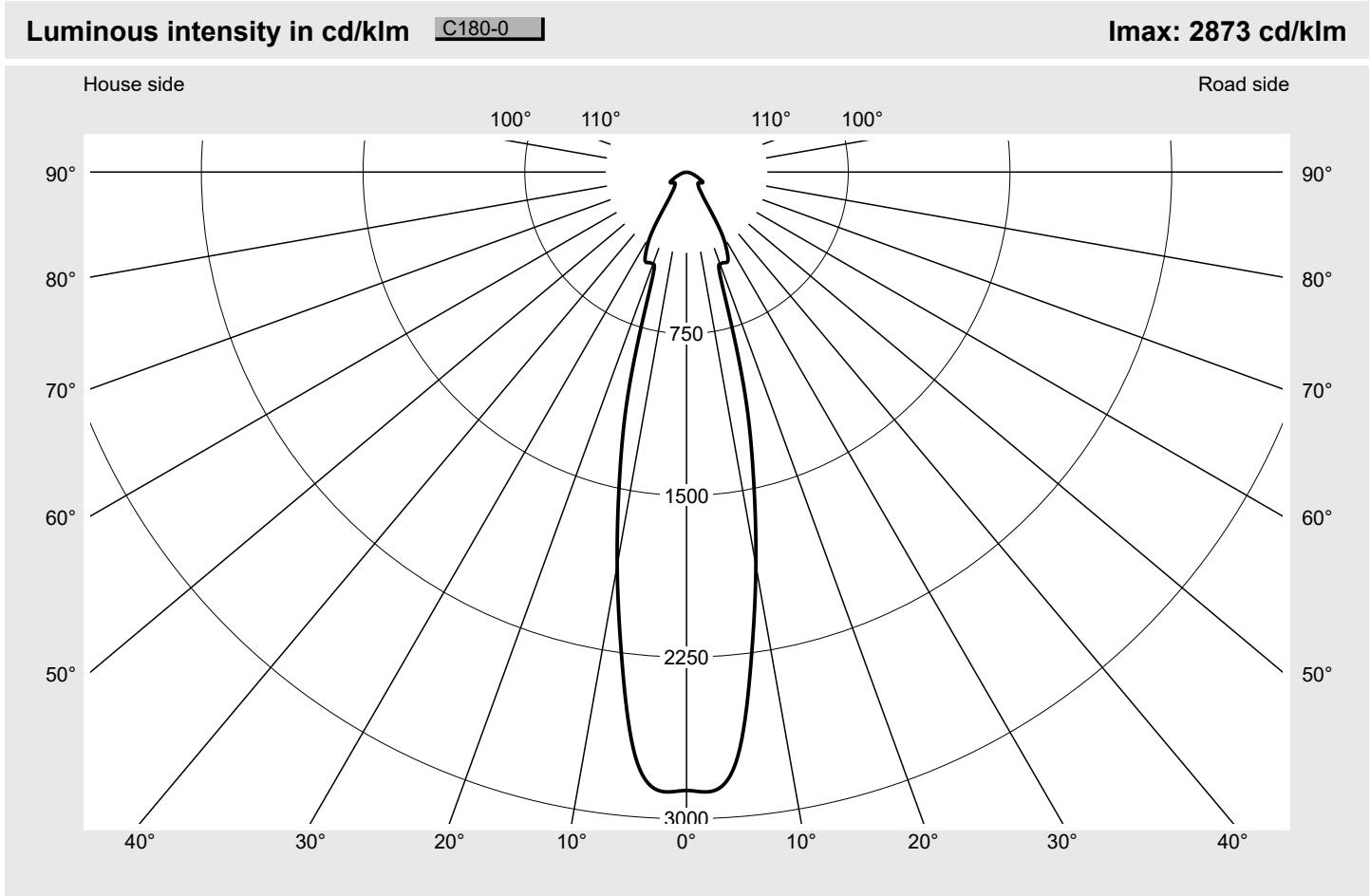


Photometric test report

Family Floodlight FL21 midi	Order number: 5XA7781E2B1A EAN: 4058352852316	LP number 59238_82
	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 = 26730 lm Power consumption = 208.1 W Luminous efficacy = 128.4 lm/W	serial documentation 22.08.2023







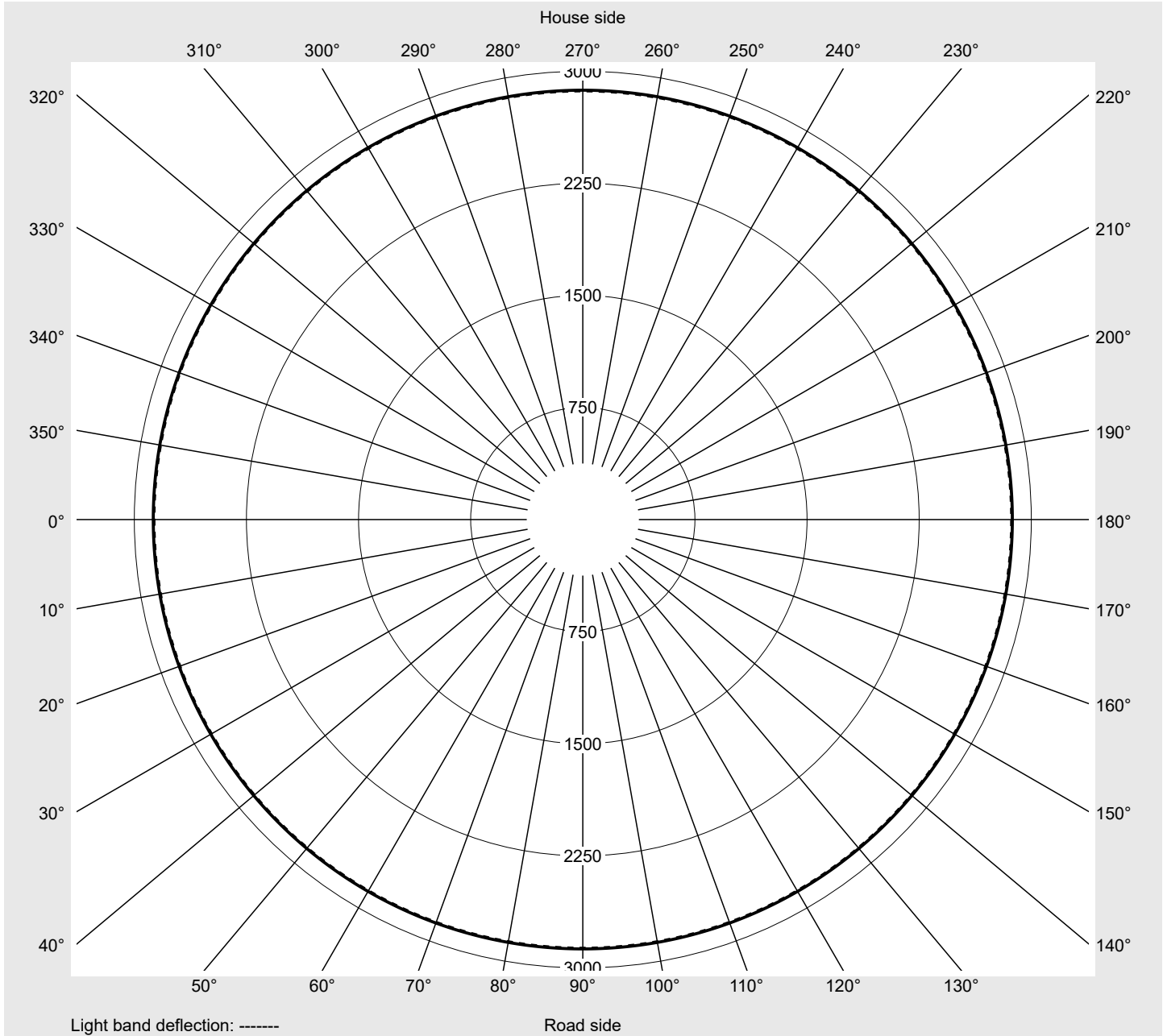
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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	26730	208.1	227.1	217.6
95	241	252	25362	193.9	211.3	202.6
90	229	250	24099	181.2	197.5	189.4
85	216	248	22731	168.0	183.0	175.5
80	203	246	21363	155.3	169.0	162.2
75	190	243	19995	143.2	155.6	149.4
70	178	241	18732	132.3	143.8	138.0
65	165	238	17364	121.0	131.3	126.2
60	152	235	15996	110.1	119.4	114.8
55	140	232	14733	100.3	108.8	104.6
50	127	229	13365	90.1	97.6	93.8
45	114	225	11997	80.0	86.7	83.4
40	102	221	10734	70.9	76.9	73.9
35	89	216	9366	61.5	66.5	64.0
30	76	210	7998	52.4	56.5	54.4
25	63	203	6630	43.7	47.0	45.4
20	51	195	5367	36.0	38.6	37.3
15	38	184	3999	27.7	29.6	28.6
13	32	178	3368	24.0	25.5	24.8