
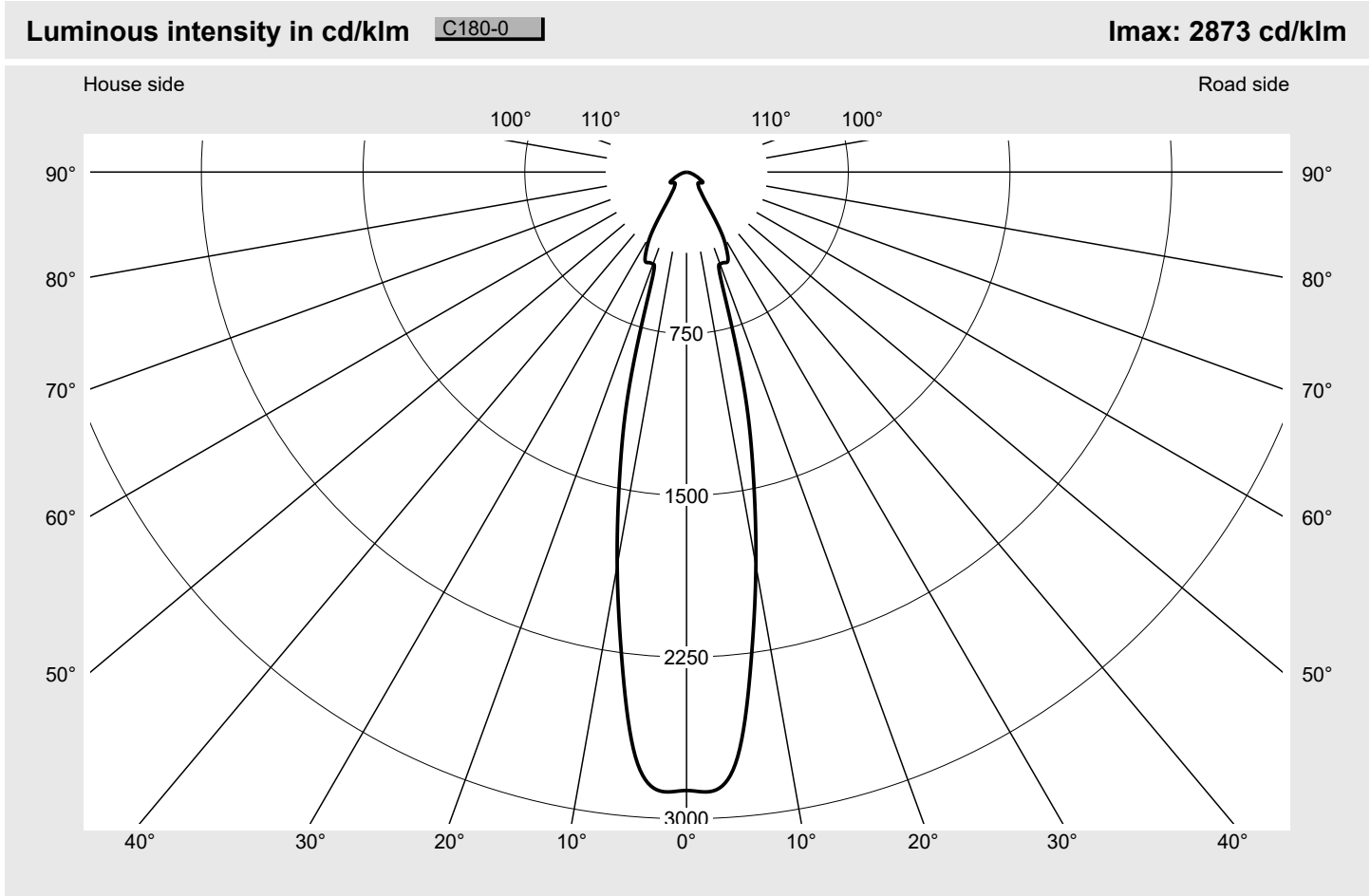


Photometric test report

Family Floodlight FL21 midi	Order number: 5XA7782F5B1A EAN: 4058352854884	LP number 59238_96
	Version mounting bracket Optic symmetric distribution RS12 Cover toughened safety glass Lamps LED 4000 K CRI ≥ 80 Controlgear ECG SITECO iQ Rated values Net luminous flux = 33220 lm Power consumption = 270.2 W Luminous efficacy = 122.9 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

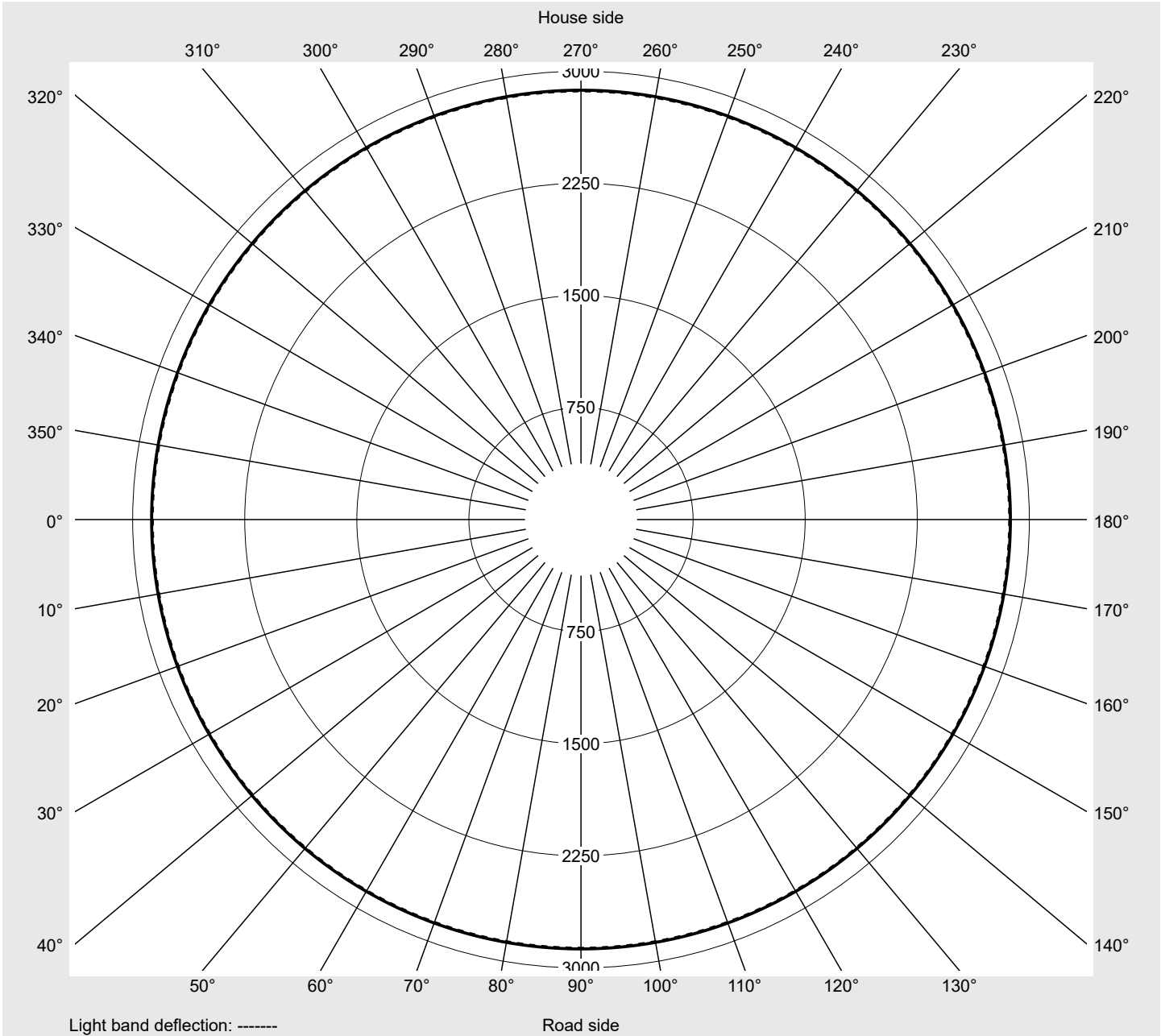
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Family
Floodlight FL21 midi

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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
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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	33220	270.2	286.6	278.4
95	241	252	31520	251.7	266.7	259.2
90	229	250	29950	235.3	249.3	242.3
85	216	248	28250	218.2	231.1	224.6
80	203	246	26550	201.9	213.8	207.8
75	190	243	24850	186.3	197.0	191.6
70	178	241	23280	172.4	182.3	177.4
65	165	238	21580	157.7	166.8	162.2
60	152	235	19880	143.6	151.7	147.6
55	140	232	18310	130.9	138.3	134.6
50	127	229	16610	117.5	124.1	120.8
45	114	225	14910	104.2	110.4	107.3
40	102	221	13340	92.5	97.6	95.0
35	89	216	11640	80.0	84.4	82.2
30	76	210	9940	67.9	71.6	69.8
25	63	203	8240	56.3	59.2	57.8
20	51	195	6670	45.8	48.1	47.0
15	38	184	4970	34.7	36.5	35.6
12	31	177	4054	28.9	30.3	29.6