
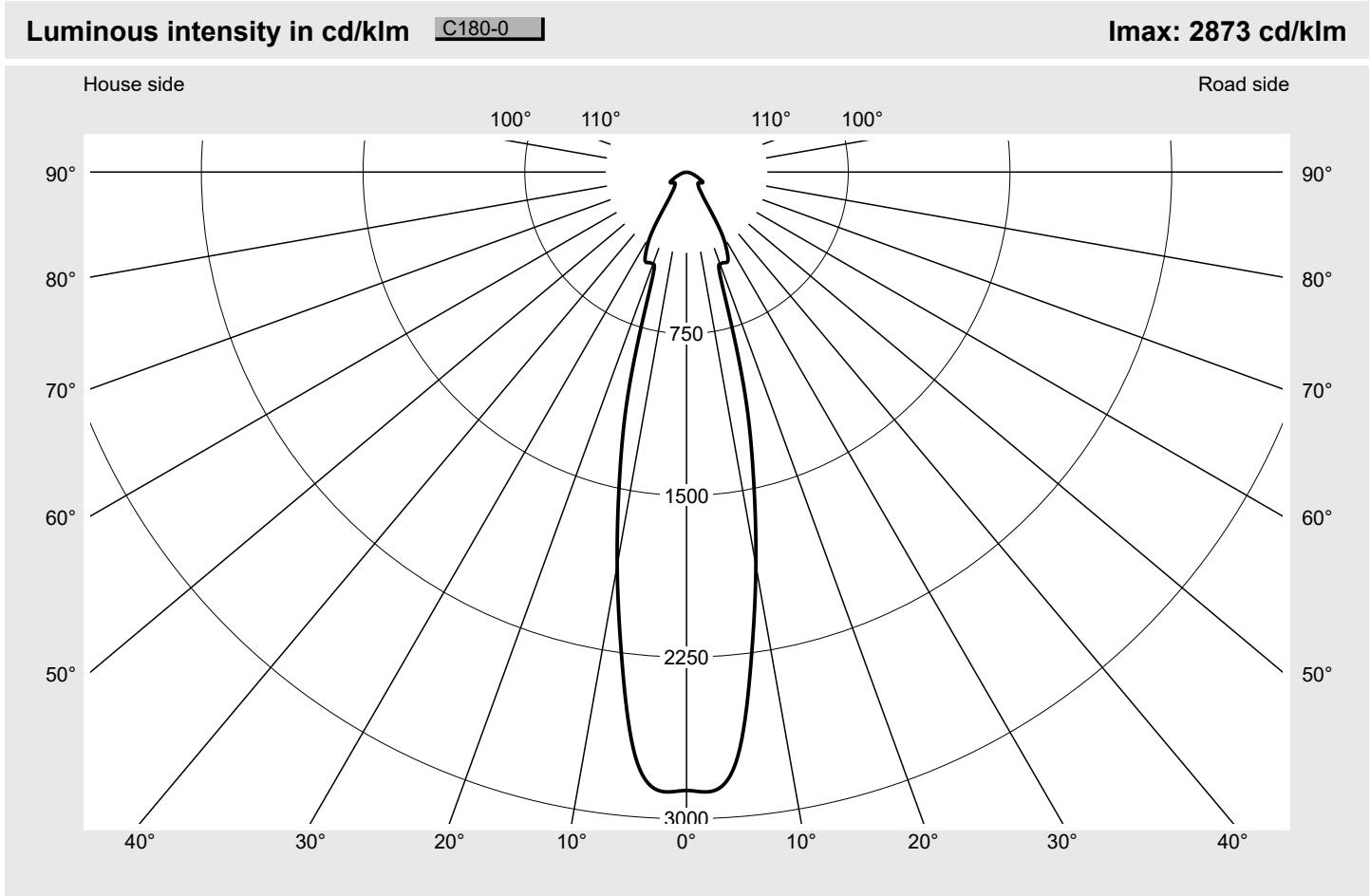


# Photometric test report

<b>Family</b> <b>Floodlight FL21 mini</b>	<b>Order number: 5XA7772D2B1A</b> <b>EAN: 4058352655931</b>	<b>LP number</b> <b>59238_69</b>
	<b>Version</b> mounting bracket <b>Optic</b> symmetric distribution RS12 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 3000 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 18020 lm Power consumption = 143.0 W Luminous efficacy = 126 lm/W	<b>serial documentation</b> <b>26.08.2022</b>
		



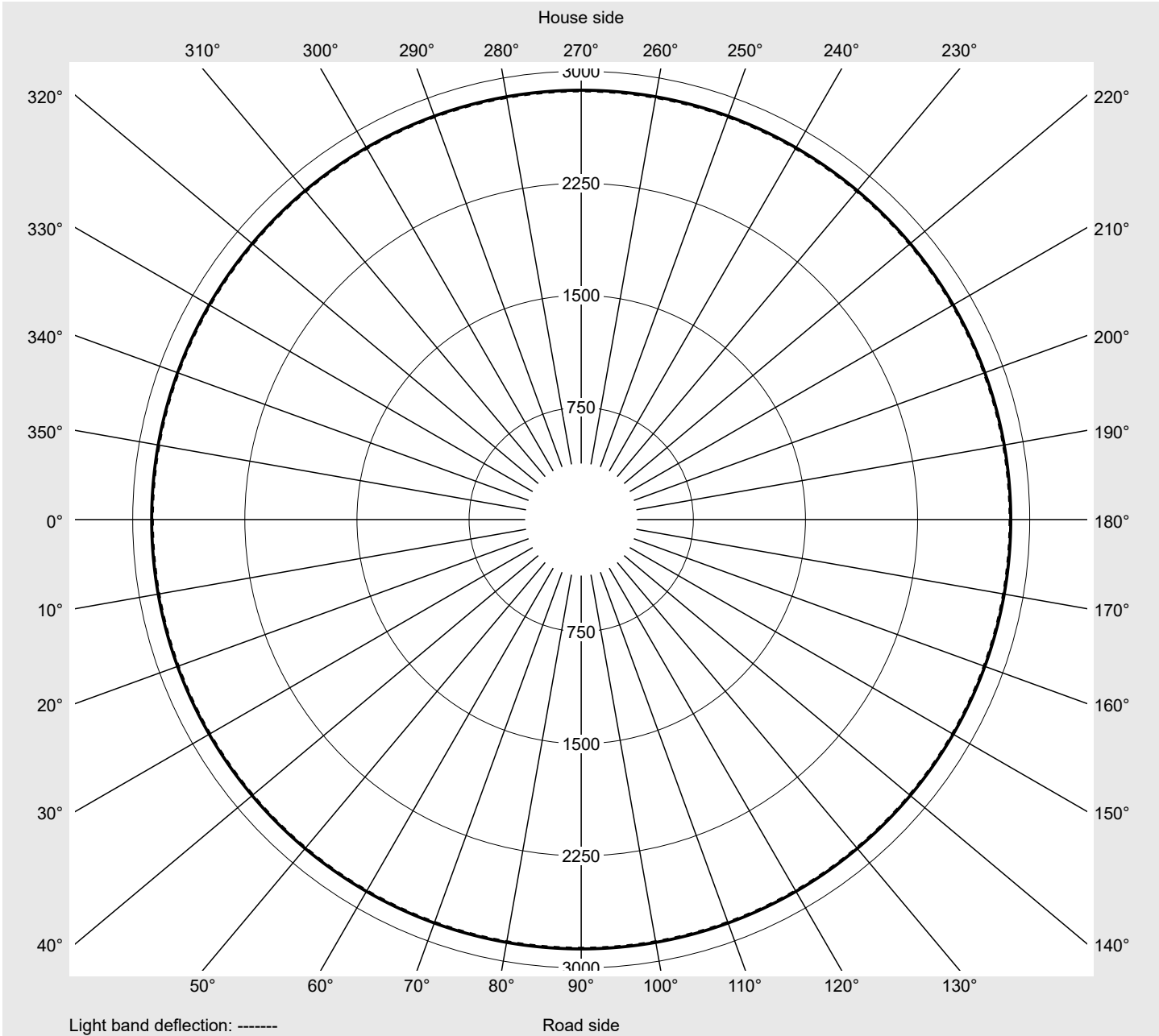
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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**

<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
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C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	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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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	18020	143.0	151.5	147.2
95	241	252	17098	132.7	140.6	136.6
90	229	250	16246	123.7	131.0	127.4
85	216	248	15324	114.5	121.1	117.8
80	203	246	14402	105.6	111.7	108.6
75	190	243	13480	97.2	102.7	100.0
70	178	241	12628	89.8	94.8	92.3
65	165	238	11706	81.9	86.5	84.2
60	152	235	10784	74.3	78.6	76.4
55	140	232	9932	67.7	71.4	69.6
50	127	229	9010	60.6	63.9	62.2
45	114	225	8088	53.8	56.7	55.2
40	102	221	7236	47.6	50.2	48.9
35	89	216	6314	41.1	43.3	42.2
30	76	210	5392	34.8	36.7	35.8
25	63	203	4470	28.8	30.3	29.6
20	51	195	3618	23.4	24.6	24.0
15	38	184	2696	17.8	18.7	18.2
11	28	173	1986	13.5	14.2	13.8