

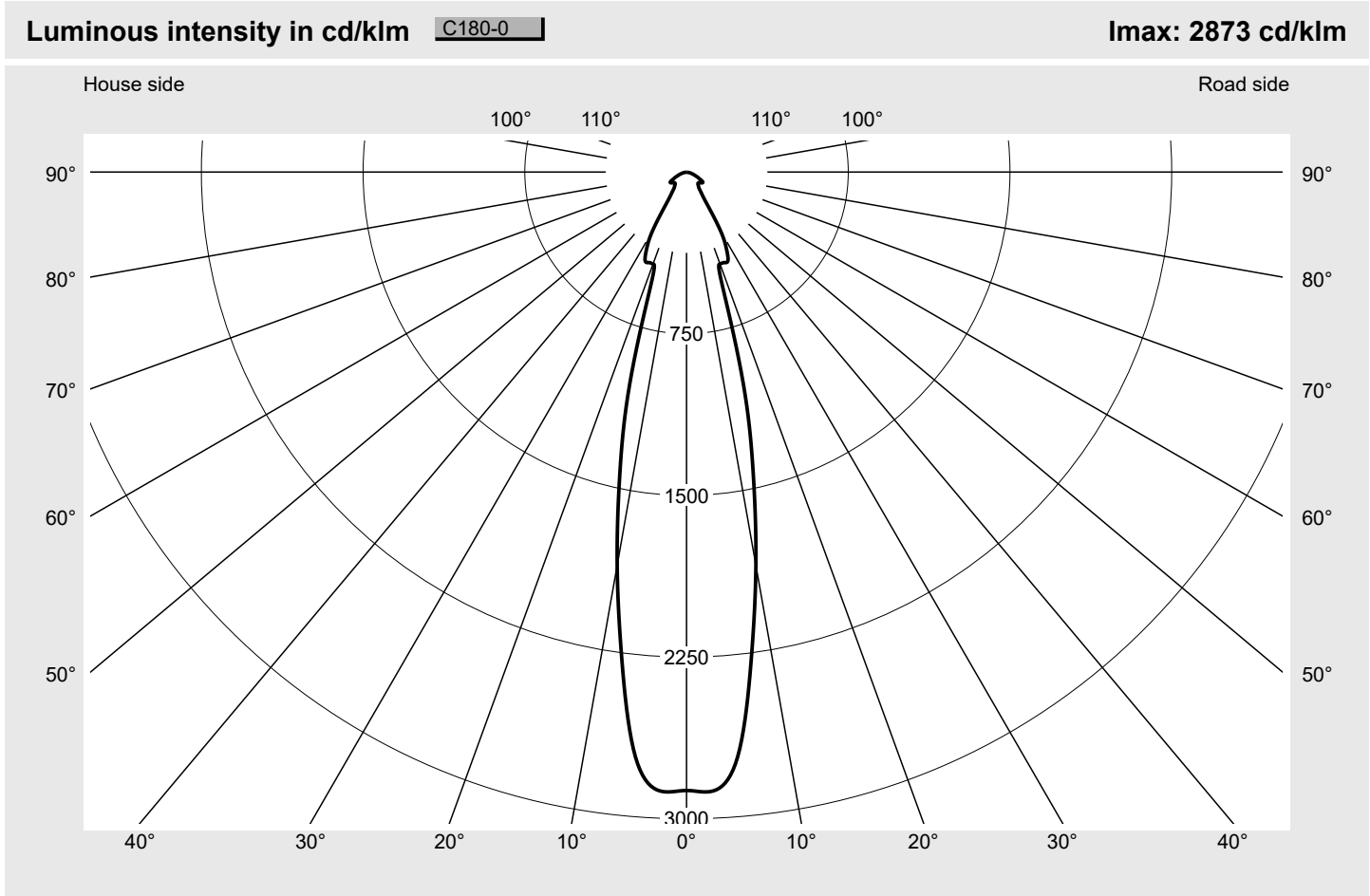


# Photometric test report

<b>Family</b> <b>Floodlight FL21 mini</b>	<b>Order number: 5XA7772D5B1A</b> <b>EAN: 4058352656631</b>	<b>LP number</b> <b>59238_72</b>
	<b>Version</b> mounting bracket <b>Optic</b> symmetric distribution RS12 <b>Cover</b> toughened safety glass <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 16820 lm Power consumption = 143.0 W Luminous efficacy = 117.6 lm/W	<b>serial documentation</b> <b>26.08.2022</b>



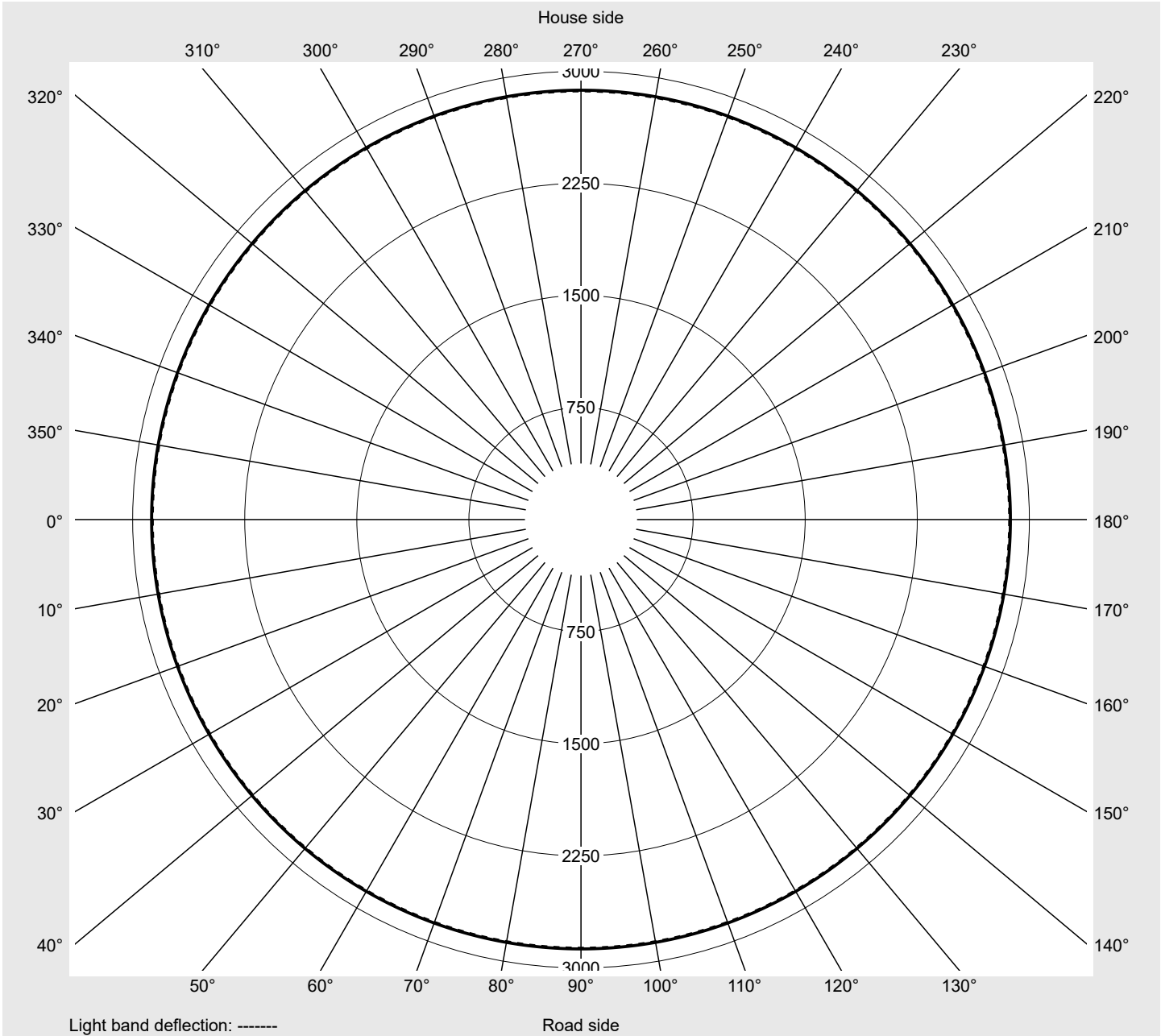
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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**

### Table of values for luminous intensities Maximum luminous intensity

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	16820	143.0	151.5	147.2
95	241	252	15959	132.7	140.6	136.6
90	229	250	15164	123.7	131.0	127.4
85	216	248	14304	114.5	121.2	117.8
80	203	246	13443	105.6	111.8	108.7
75	190	243	12582	97.2	102.7	100.0
70	178	241	11787	89.8	94.8	92.3
65	165	238	10926	81.9	86.5	84.2
60	152	235	10066	74.4	78.6	76.5
55	140	232	9271	67.7	71.4	69.6
50	127	229	8410	60.6	63.9	62.2
45	114	225	7549	53.8	56.8	55.3
40	102	221	6754	47.6	50.2	48.9
35	89	216	5894	41.1	43.3	42.2
30	76	210	5033	34.8	36.7	35.8
25	63	203	4172	28.8	30.3	29.6
20	51	195	3377	23.4	24.6	24.0
15	38	184	2516	17.8	18.7	18.2
11	28	173	1854	13.5	14.2	13.8