

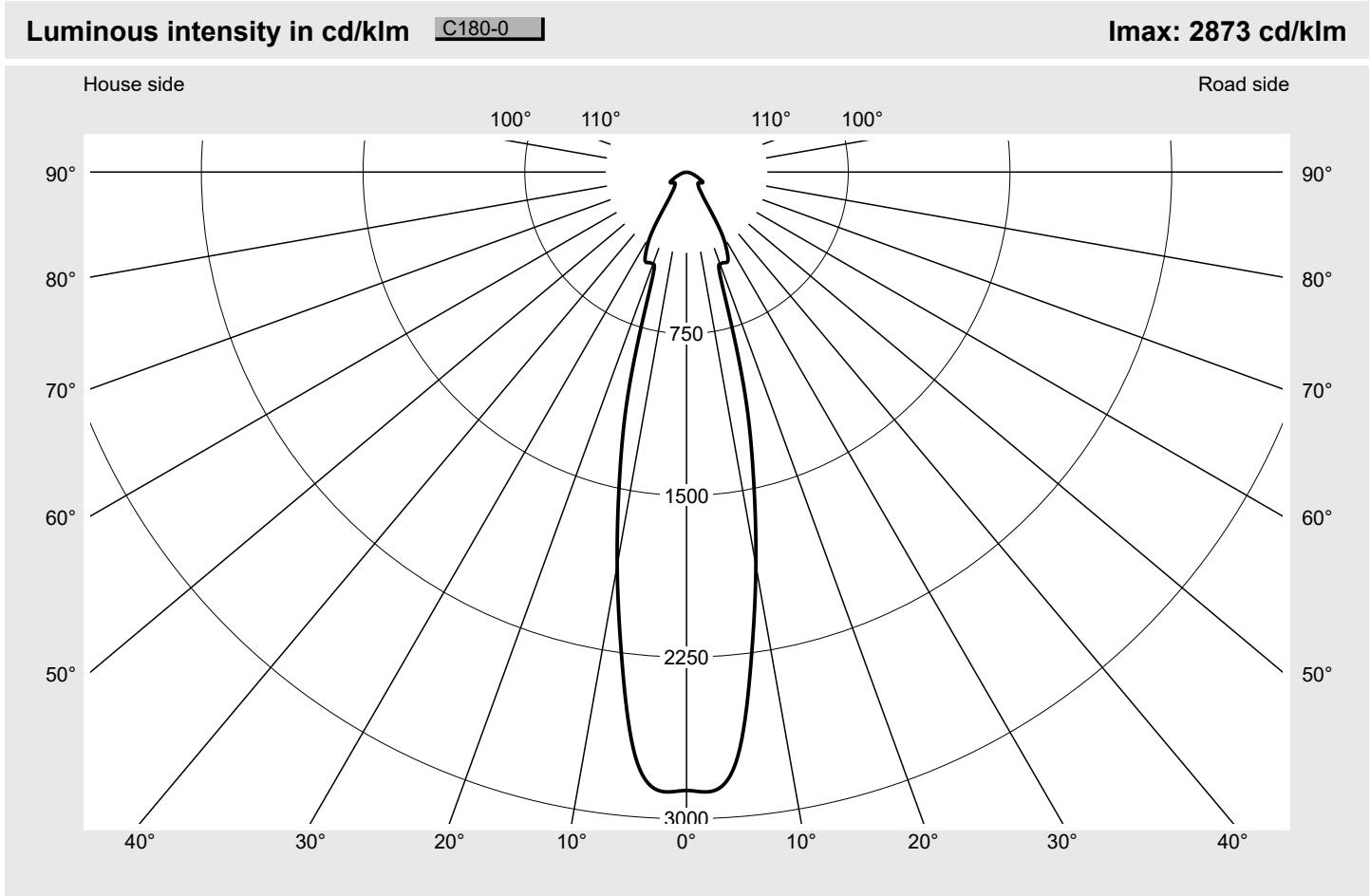


# Photometric test report

<b>Family</b> <b>Floodlight FL21 micro</b>	<b>Order number: 5XA7761A4B1A</b> <b>EAN: 4058352669228</b>	<b>LP number</b> <b>59238_32</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 ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 3220 lm Power consumption = 23.1 W Luminous efficacy = 139.4 lm/W	<b>serial documentation</b> <b>05.07.2022</b>







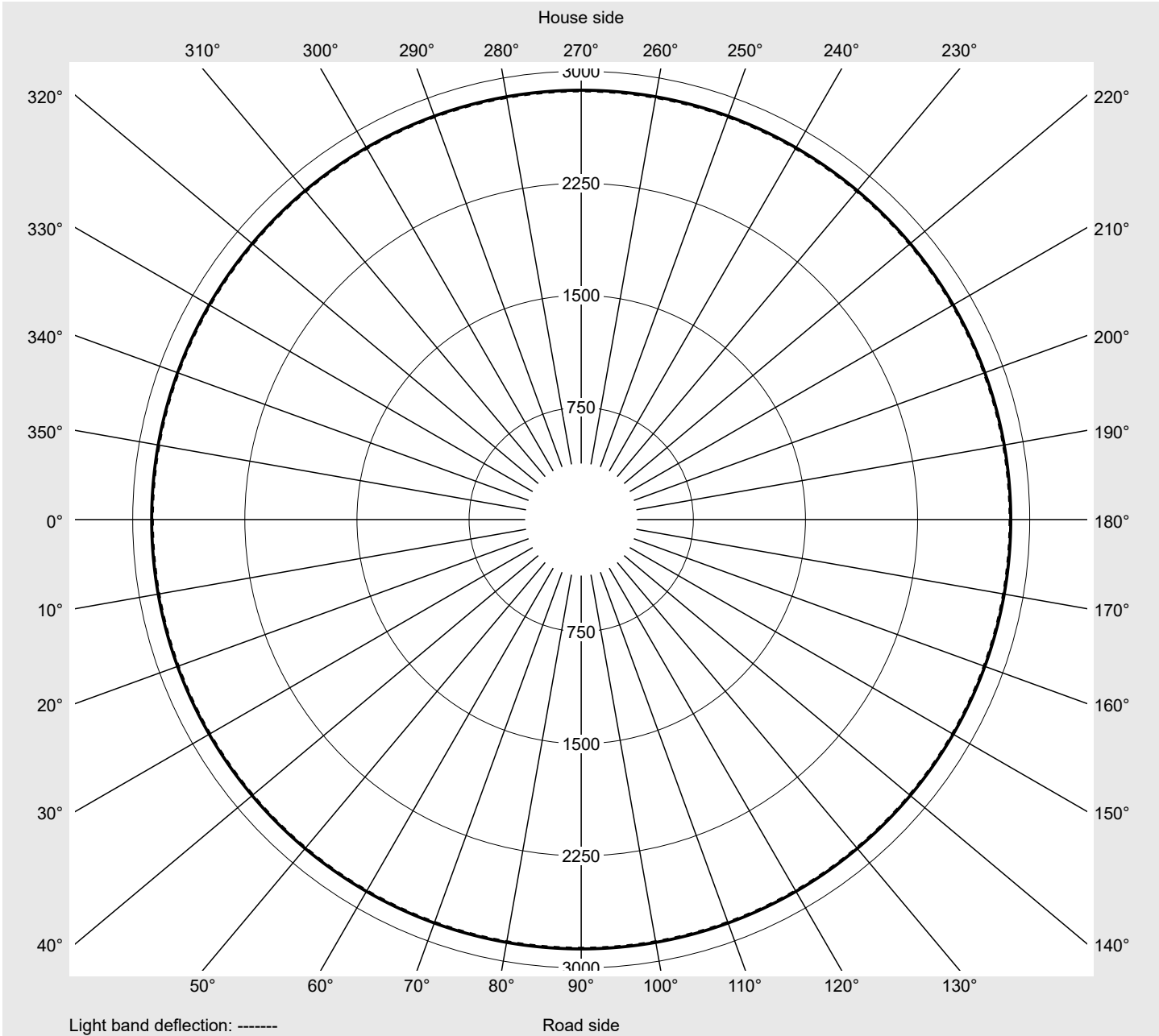
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

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	3220	23.1	23.8	23.5
95	241	252	3055	21.7	22.4	22.0
90	229	250	2903	20.4	21.1	20.8
85	216	248	2738	19.1	19.7	19.4
80	203	246	2573	17.8	18.4	18.1
75	190	243	2409	16.6	17.1	16.8
70	178	241	2257	15.5	15.9	15.7
65	165	238	2092	14.3	14.7	14.5
60	152	235	1927	13.1	13.5	13.3
55	140	232	1775	12.1	12.4	12.2
50	127	229	1610	11.0	11.3	11.2
45	114	225	1445	9.9	10.2	10.0
40	102	221	1293	8.9	9.2	9.0
35	89	216	1128	7.9	8.1	8.0
30	76	210	963	7.0	7.1	7.0
25	63	203	799	5.9	6.1	6.0
20	51	195	647	5.1	5.2	5.2
15	39	185	494	4.2	4.3	4.2