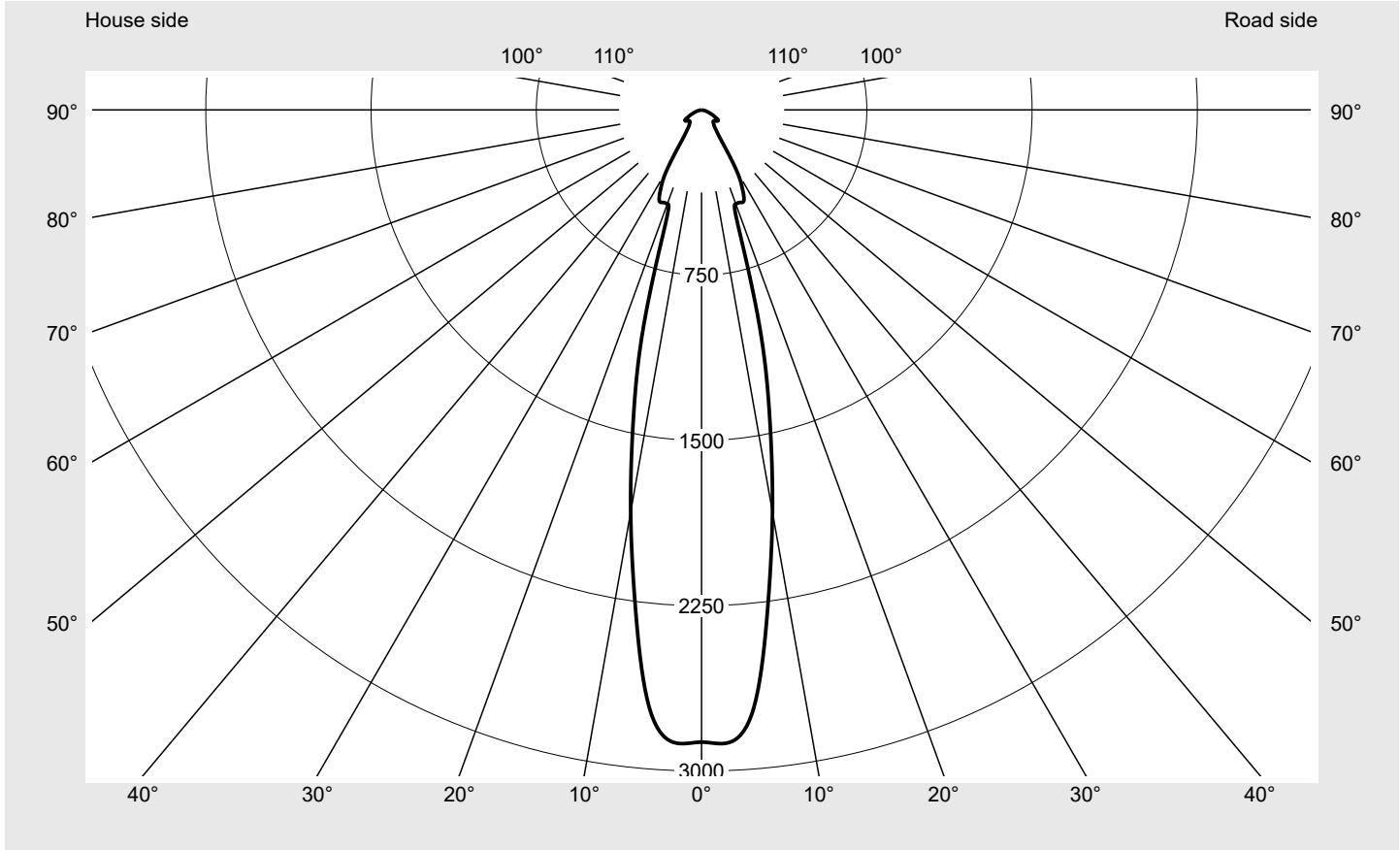


# Photometric test report

<b>Family</b> <b>Floodlight FL21 mini</b>	<b>Order number: 5XA7771B4B1A</b> <b>EAN: 4058352652275</b>	<b>LP number</b> <b>59238_53</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 = 6560 lm Power consumption = 45.5 W Luminous efficacy = 144.2 lm/W	<b>serial documentation</b> <b>26.08.2022</b>



**Luminous intensity in cd/klm** C180-0 **Imax: 2873 cd/klm**



**Luminaire output ratios**

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

**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

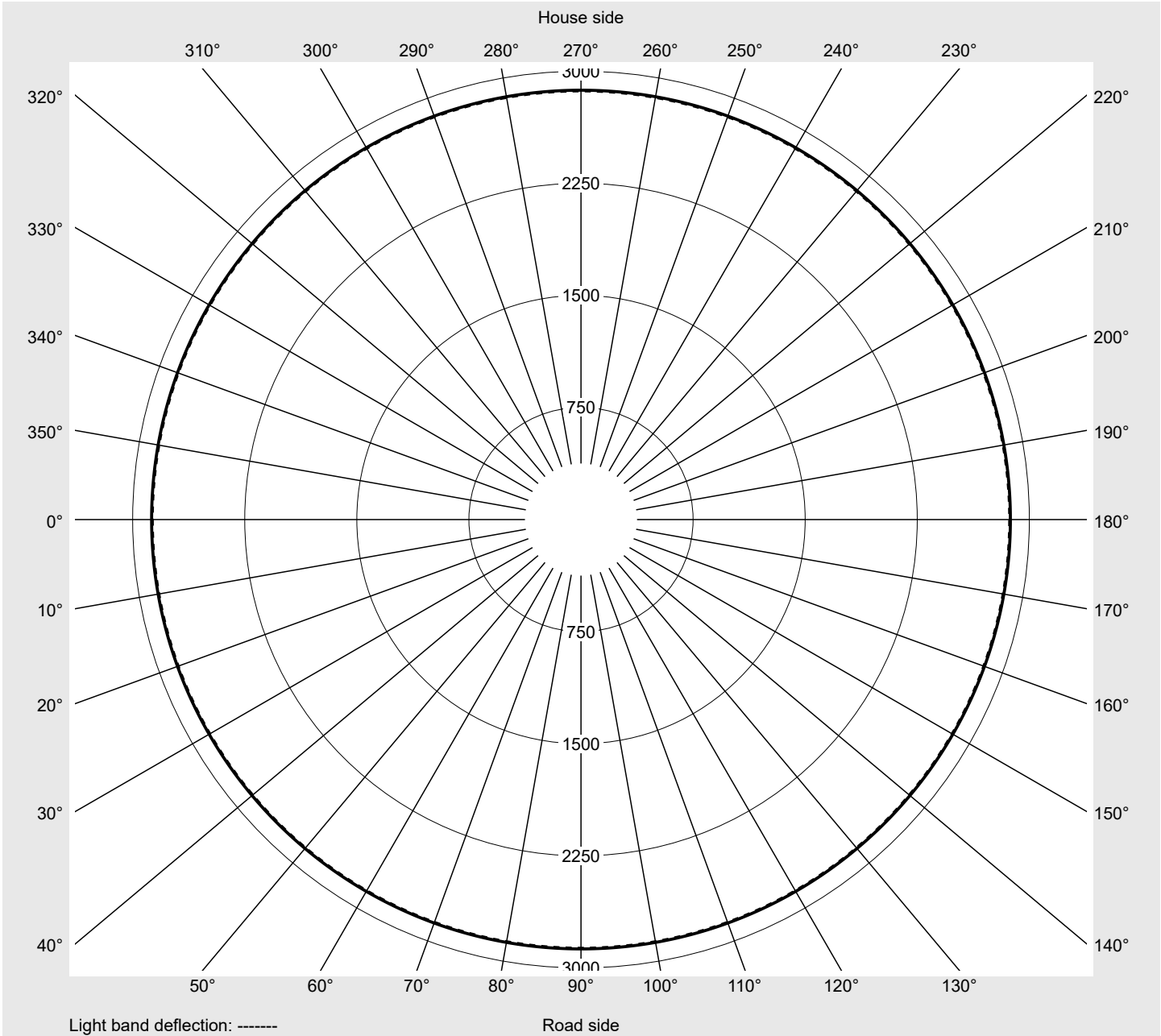
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

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**Envelope curve in cd/klm** KMK 2.5°  KMK 0°  siteco



## Photometric test report

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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

## Photometric test report

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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	6560	45.5	48.0	46.8
95	241	252	6224	42.8	45.1	44.0
90	229	250	5914	40.3	42.6	41.4
85	216	248	5579	37.7	39.7	38.7
80	203	246	5243	35.2	37.1	36.2
75	190	243	4907	32.8	34.5	33.6
70	178	241	4597	30.5	32.1	31.3
65	165	238	4261	28.2	29.6	28.9
60	152	235	3926	25.8	27.2	26.5
55	140	232	3616	23.7	24.9	24.3
50	127	229	3280	21.5	22.6	22.0
45	114	225	2944	19.3	20.3	19.8
40	102	221	2634	17.4	18.2	17.8
35	89	216	2299	15.3	16.1	15.7
30	76	210	1963	13.4	13.9	13.6
25	63	203	1627	11.4	11.9	11.6
20	51	195	1317	9.5	10.0	9.8
15	39	185	1007	8.2	8.3	8.2