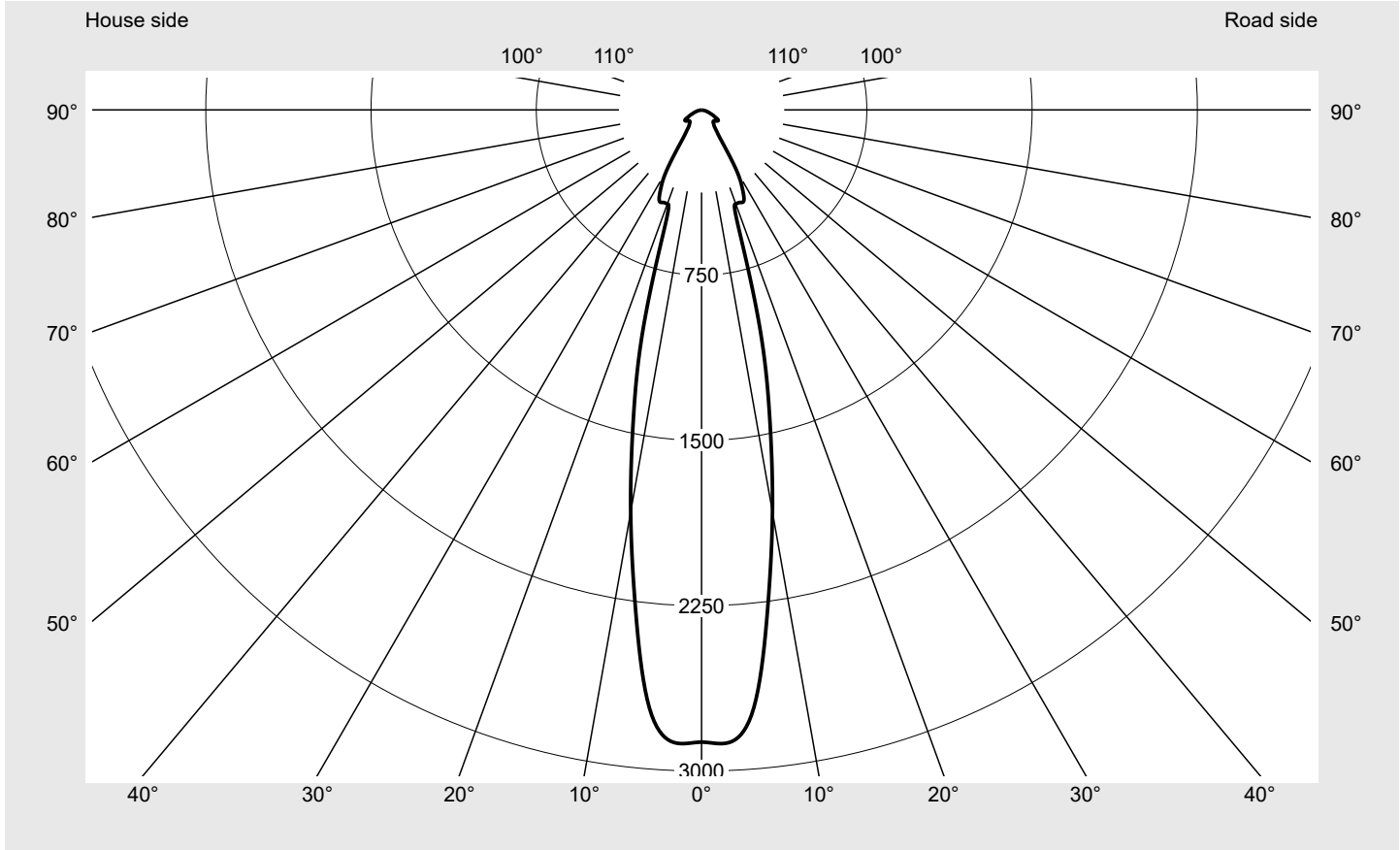


# Photometric test report

<b>Family</b> <b>Floodlight FL21 mini</b>	<b>Order number: 5XA7772C2B1A</b> <b>EAN: 4058352654958</b>	<b>LP number</b> <b>59238_62</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 = 12340 lm Power consumption = 87.2 W Luminous efficacy = 141.5 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

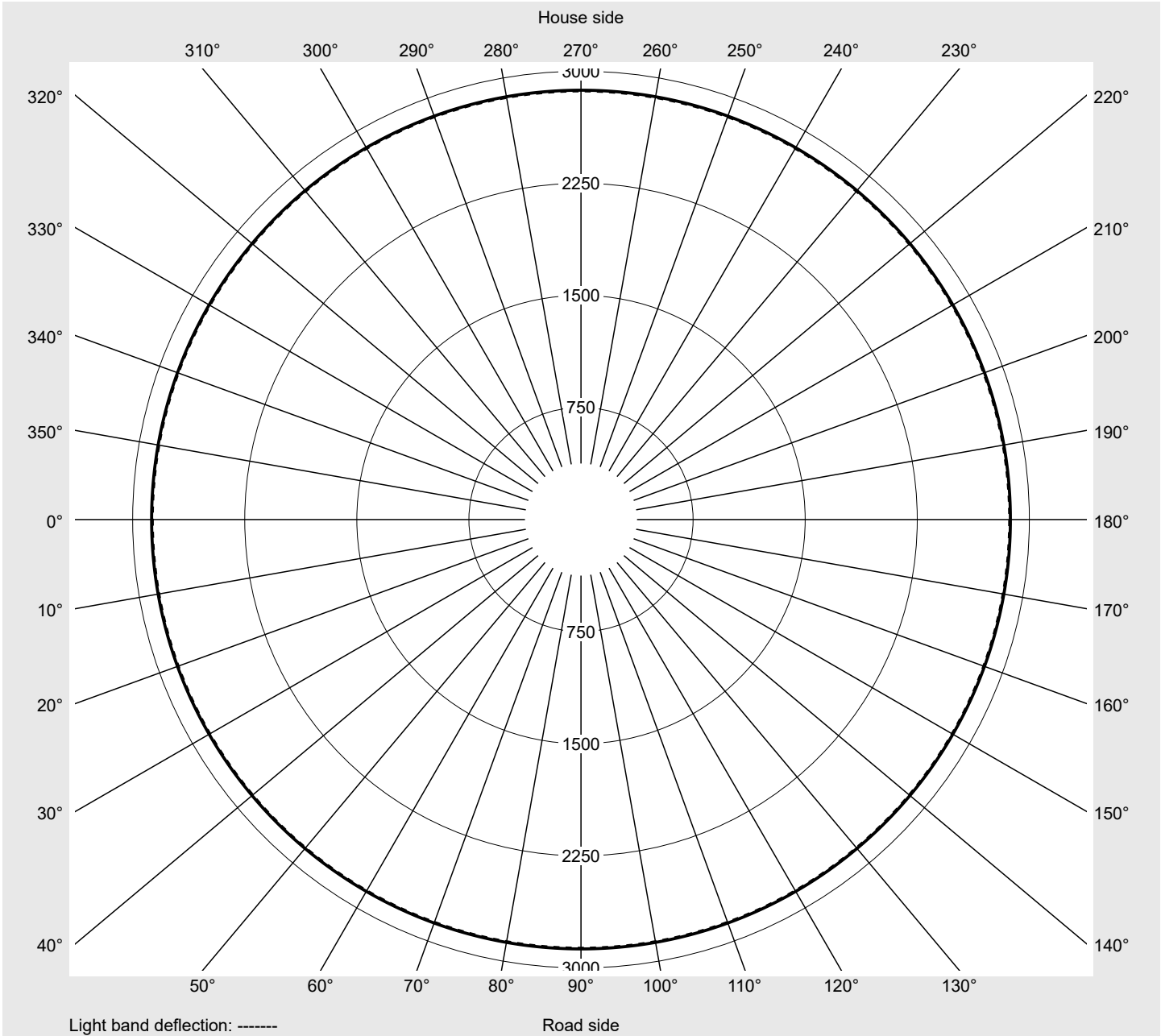
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Floodlight FL21 mini	<b>Order number: 5XA7772C2B1A</b> <b>EAN: 4058352654958</b>	<b>LP number</b> 59238_62
---------------------------------------	----------------------------------------------------------------	------------------------------

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



## Photometric test report

<b>Family</b> Floodlight FL21 mini	<b>Order number: 5XA7772C2B1A</b> <b>EAN: 4058352654958</b>	<b>LP number</b> 59238_62
---------------------------------------	----------------------------------------------------------------	------------------------------

**sITeco**

<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
-------------------------------------------------	-----------------------------------

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

<b>Family</b> Floodlight FL21 mini	<b>Order number: 5XA7772C2B1A</b> <b>EAN: 4058352654958</b>	<b>LP number</b> 59238_62
---------------------------------------	----------------------------------------------------------------	------------------------------

<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	12340	87.2	92.1	89.6
95	241	252	11708	81.9	86.5	84.2
90	229	250	11125	77.1	81.4	79.2
85	216	248	10494	72.0	76.0	74.0
80	203	246	9862	67.1	70.8	68.9
75	190	243	9231	62.3	65.7	64.0
70	178	241	8648	57.9	61.0	59.4
65	165	238	8016	53.2	56.1	54.6
60	152	235	7385	48.6	51.4	50.0
55	140	232	6802	44.5	46.9	45.7
50	127	229	6170	40.1	42.2	41.2
45	114	225	5538	35.8	37.7	36.8
40	102	221	4955	31.9	33.6	32.8
35	89	216	4324	27.8	29.3	28.6
30	76	210	3692	23.8	25.0	24.4
25	63	203	3061	20.0	21.0	20.5
20	51	195	2478	16.5	17.3	16.9
16	40	186	1943	13.2	13.9	13.6