

## Photometric test report

**Family**  
**Floodlight FL21 micro**

**Order number: 5XA7761A2B1A**  
**EAN: 4058352668924**

**LP number**  
**59238\_31**



**Version** mounting bracket  
**Optic** symmetric distribution RS12  
**Cover** toughened safety glass  
**Lamps** LED 3000 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 3090 lm  
 Power consumption = 23.1 W  
 Luminous efficacy = 133.8 lm/W

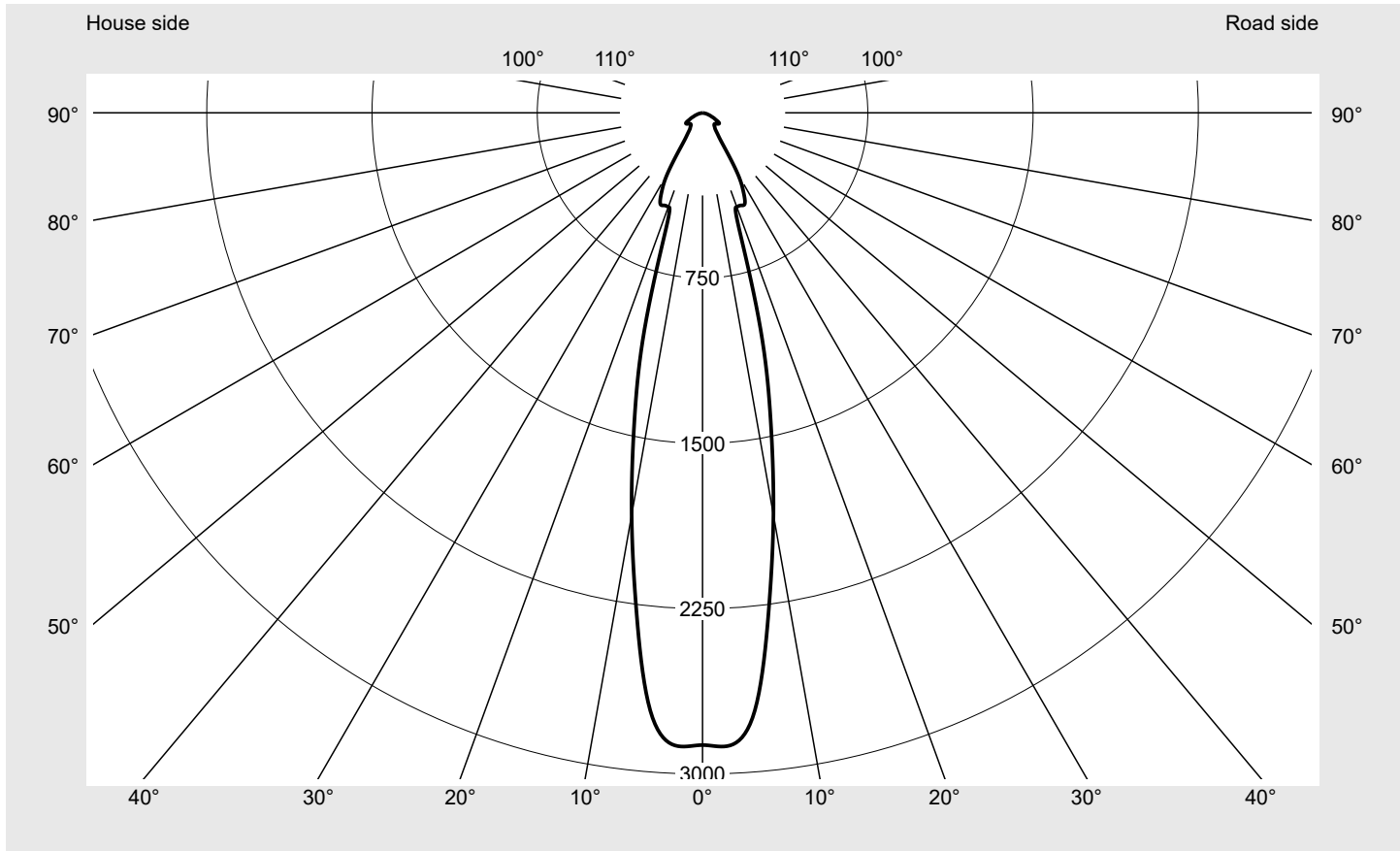
**serial**  
**documentation**  
**05.07.2022**

**siteco**

**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

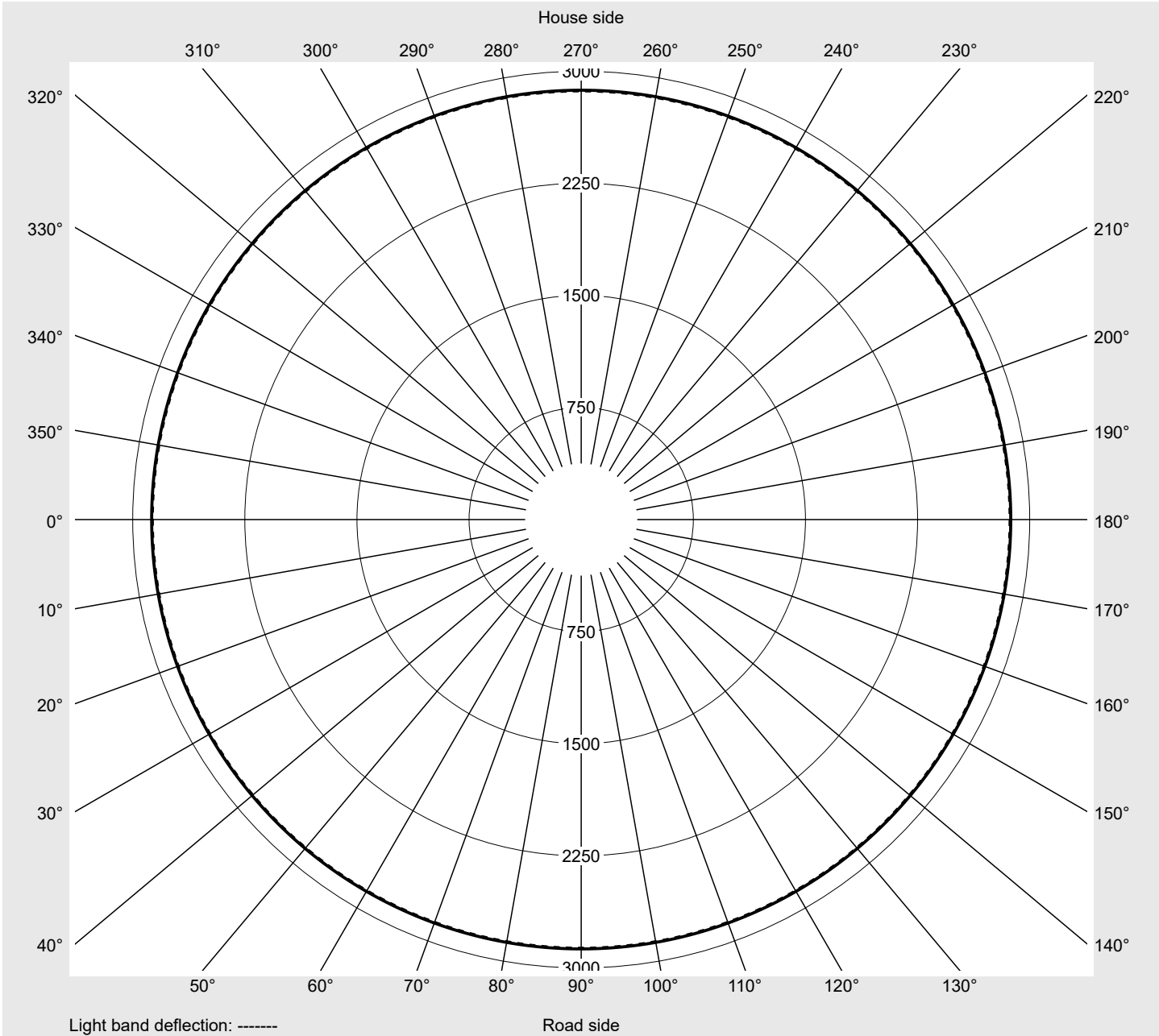
### Measurement conditions

DIN EN 13032 and DIN 5032

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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	3090	23.1	23.8	23.5
95	241	252	2932	21.7	22.4	22.0
90	229	250	2786	20.4	21.1	20.8
85	216	248	2628	19.1	19.7	19.4
80	203	246	2470	17.8	18.3	18.0
75	190	243	2311	16.6	17.1	16.8
70	178	241	2165	15.5	15.9	15.7
65	165	238	2007	14.3	14.7	14.5
60	152	235	1849	13.1	13.5	13.3
55	140	232	1703	12.1	12.4	12.2
50	127	229	1545	11.0	11.3	11.2
45	114	225	1387	9.9	10.2	10.0
40	102	221	1241	8.9	9.2	9.0
35	89	216	1083	7.9	8.1	8.0
30	76	210	925	6.9	7.1	7.0
25	63	203	766	5.9	6.1	6.0
20	51	195	620	5.1	5.2	5.2
15	39	185	474	4.2	4.3	4.2