

## Photometric test report

**Family**  
Floodlight 20 midi LED

**Order number: 5XA7682G2H2AC**  
**EAN: 4058352223710**

**LP number**  
**58580\_2**



**Version** bracket for wall fastening  
**Optic** symmetric distribution RS5  
**Cover** toughened safety glass  
**Lamps** 1 x LED 4000K / CRI ≥ 70  
 (unbekannt LED 4000K / CRI = 70)  
**Controlgear** ECG-DALI  
**Rated values** Net luminous flux = 38380 lm  
 Power consumption = 305.7 W  
 Luminous efficacy = 125.5 lm/W

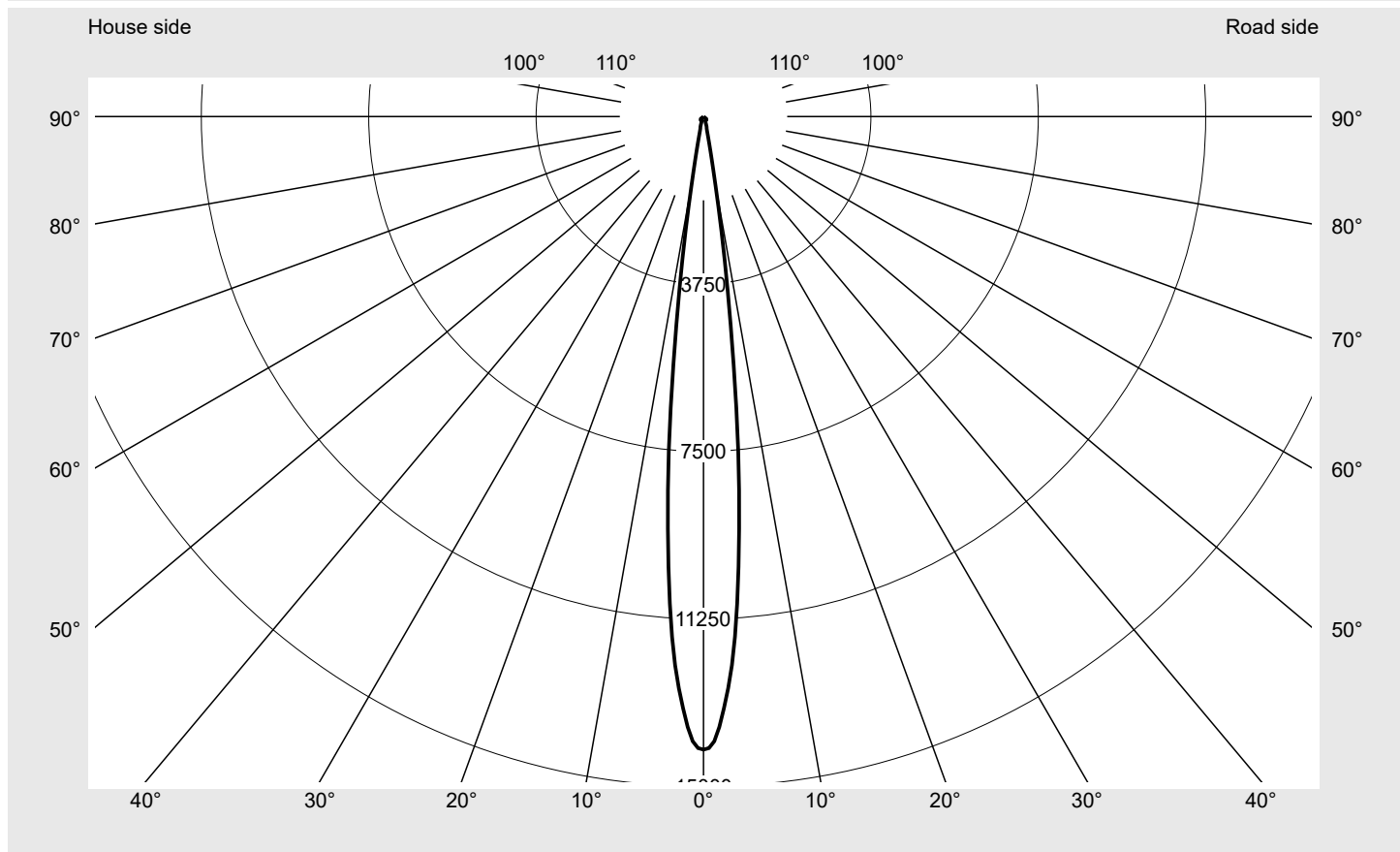
**serial**  
**documentation**  
**25.08.2021**

**sitEco**

**Luminous intensity in cd/klm**

**C180-0**

**Imax: 14175 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°	28.8
Imax 80°	8.7
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

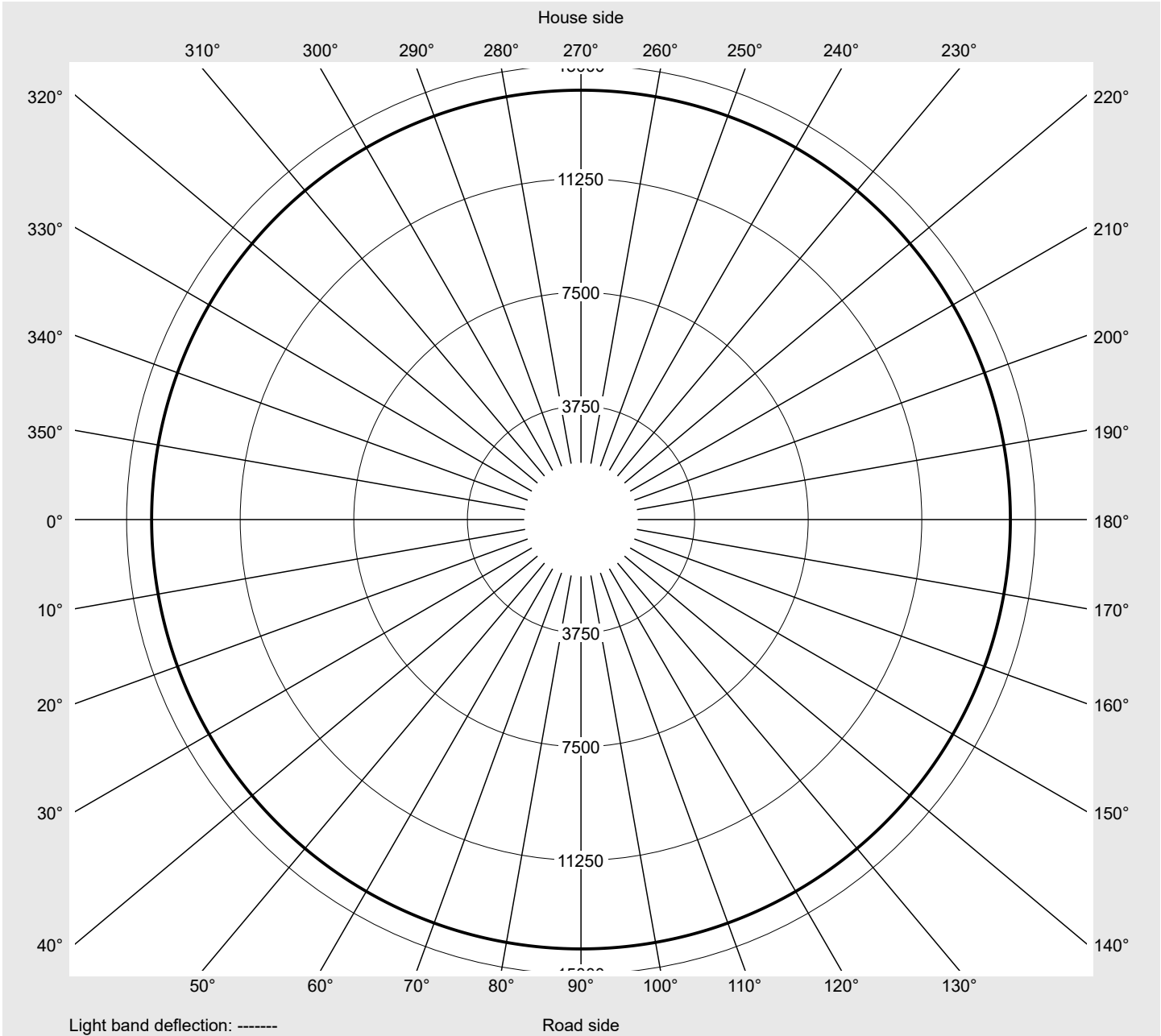
### Measurement conditions

DIN EN 13032 and DIN 5032

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



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<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°	14174.7	3.4	3.4
1°	13985.2	26.8	30.2
2°	13238.3	50.7	80.8
3°	12262.8	70.4	151.2
4°	10860.0	83.1	234.3
5°	9166.1	87.6	321.9
6°	7398.6	84.8	406.7
7°	5457.6	72.9	479.6
8°	3806.0	58.1	537.7
9°	2482.5	42.6	580.3
10°	1484.2	28.3	608.6
11°	929.7	19.5	628.0
12°	611.6	13.9	642.0
13°	427.5	10.5	652.5
14°	322.8	8.6	661.1
15°	275.1	7.8	668.9
16°	254.8	7.7	676.6
17°	233.4	7.5	684.1
18°	194.5	6.6	690.7
19°	155.4	5.5	696.2
20°	130.9	4.9	701.1
21°	118.2	4.6	705.8
22°	110.3	4.5	710.3
23°	103.9	4.5	714.7
24°	99.6	4.4	719.2
25°	96.2	4.5	723.6
26°	94.1	4.5	728.2
27°	92.9	4.6	732.8
28°	91.6	4.7	737.5
29°	90.8	4.8	742.3
30°	90.2	4.9	747.3
31°	89.8	5.1	752.4
32°	89.9	5.2	757.6
33°	89.8	5.4	762.9
34°	90.5	5.5	768.5
35°	92.8	5.8	774.3
36°	96.3	6.2	780.5
37°	98.9	6.5	787.1
38°	100.8	6.8	793.9
39°	101.2	7.0	800.9
40°	100.4	7.1	807.9
41°	98.8	7.1	815.0
42°	97.2	7.1	822.2
43°	95.7	7.2	829.3
44°	94.1	7.2	836.5
45°	92.5	7.2	843.7
46°	90.5	7.1	850.8

C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm		Luminous flux in lm/klm
47°	88.0	7.1	857.9
48°	85.9	7.0	864.9
49°	83.5	6.9	871.8
50°	80.7	6.8	878.5
51°	77.9	6.6	885.2
52°	75.4	6.5	891.7
53°	73.1	6.4	898.1
54°	70.7	6.3	904.4
55°	68.0	6.1	910.5
56°	65.9	6.0	916.5
57°	63.7	5.9	922.3
58°	61.3	5.7	928.0
59°	59.1	5.6	933.6
60°	56.4	5.4	938.9
61°	54.7	5.2	944.2
62°	51.8	5.0	949.2
63°	47.8	4.7	953.9
64°	44.3	4.4	958.2
65°	41.2	4.1	962.3
66°	38.5	3.9	966.2
67°	35.9	3.6	969.8
68°	33.3	3.4	973.2
69°	31.1	3.2	976.4
70°	28.8	3.0	979.3
71°	26.5	2.8	982.1
72°	24.4	2.5	984.6
73°	22.1	2.3	987.0
74°	20.0	2.1	989.1
75°	18.0	1.9	991.0
76°	16.0	1.7	992.7
77°	14.2	1.5	994.2
78°	12.3	1.3	995.5
79°	10.4	1.1	996.6
80°	8.7	0.9	997.6
81°	6.9	0.7	998.3
82°	5.3	0.6	998.9
83°	4.0	0.4	999.3
84°	2.7	0.3	999.6
85°	1.7	0.2	999.8
86°	1.0	0.1	999.9
87°	0.5	0.1	1000.0
88°	0.3	0.0	1000.0
89°	0.2	0.0	1000.0
90°	0.0	0.0	1000.0
180°	0.0	0.0	1000.0

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### Dimming levels table environmental temperature: 25°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	38380	305.7
95	237	252	36461	286.2
90	223	249	34542	267.8
85	209	247	32623	250.2
80	194	244	30704	232.5
75	178	241	28785	215.6
70	166	239	26866	199.7
65	154	235	24947	184.1
60	141	232	23028	168.7
55	127	228	21109	153.8
50	113	224	19190	139.5
45	100	220	17271	125.3
40	89	216	15352	111.7
35	77	210	13433	98.0
30	65	204	11514	84.7
25	54	197	9595	71.9
20	43	189	7676	59.5
15	32	178	5756	47.5

### Dimming levels table environmental temperature: 10°C

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	39070	307.8
95	237	252	37117	288.2
90	223	249	35163	269.6
85	209	247	33210	251.9
80	194	244	31256	234.1
75	178	241	29302	217.1
70	166	239	27349	201.1
65	154	235	25395	185.4
60	141	232	23442	169.9
55	127	228	21488	154.9
50	113	224	19535	140.5
45	100	220	17582	126.2
40	89	216	15628	112.5
35	77	210	13674	98.7
30	65	204	11721	85.3
25	54	197	9768	72.4
20	43	189	7814	59.9
15	32	178	5859	47.8

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**Luminousfluxs table**



Temperature °C	Luminous flux lm	Power consumption W
25.0	38380.0	305.7
10.0	39070.0	307.8