

Photometric test report

Family
Floodlight 20 midi LED

Order number: 5XA7682G3H2AC
EAN: 4058352223734

LP number
58580_3



Version bracket for wall fastening
Optic symmetric distribution RS5
Cover toughened safety glass
Lamps 1 x LED 5000K / CRI ≥ 70
(unbekannt LED 5000K / CRI = 70)
Controlgear ECG-DALI
Rated values Net luminous flux = 39000 lm
Power consumption = 305.7 W
Luminous efficacy = 127.6 lm/W

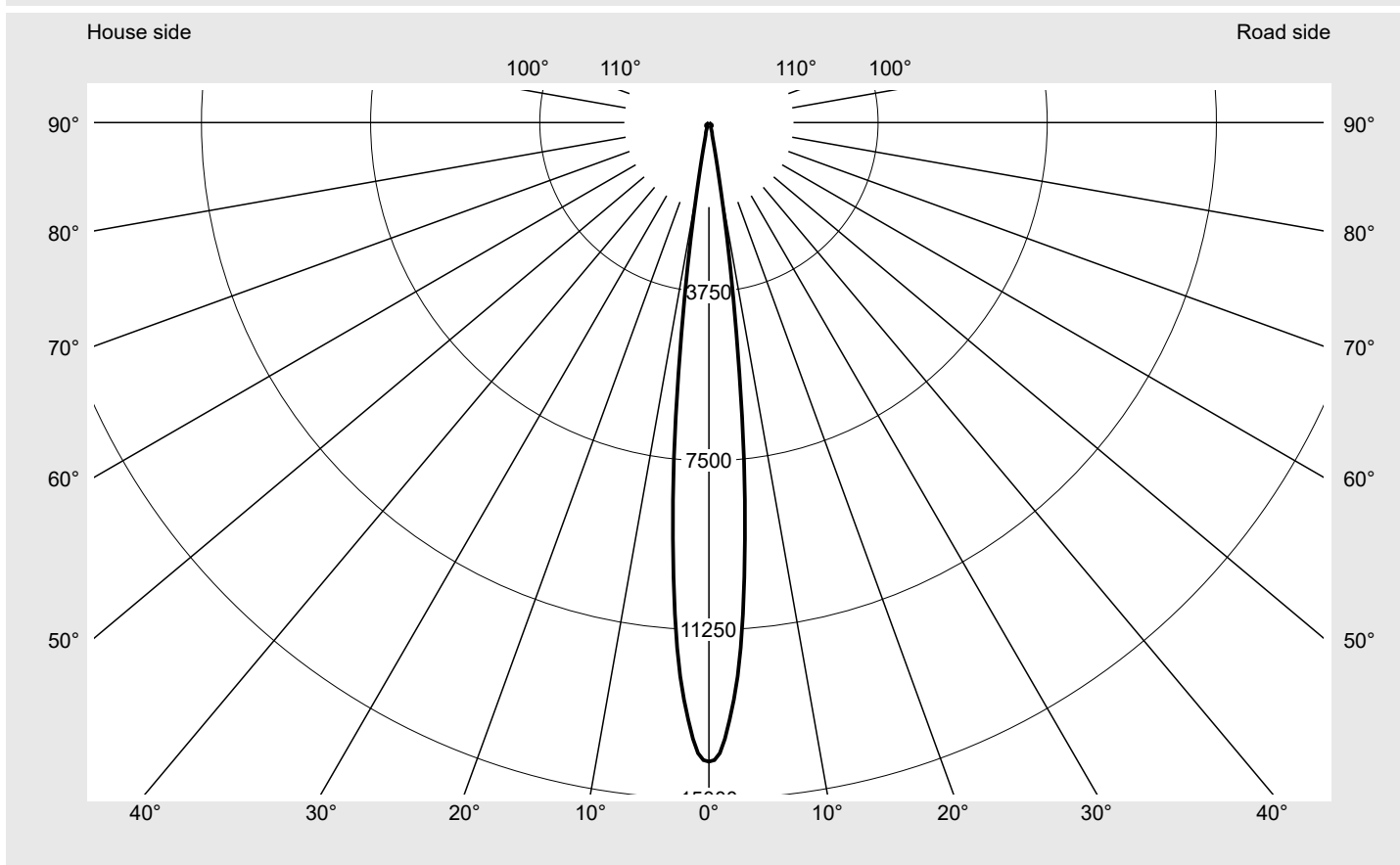
serial
documentation
25.08.2021

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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

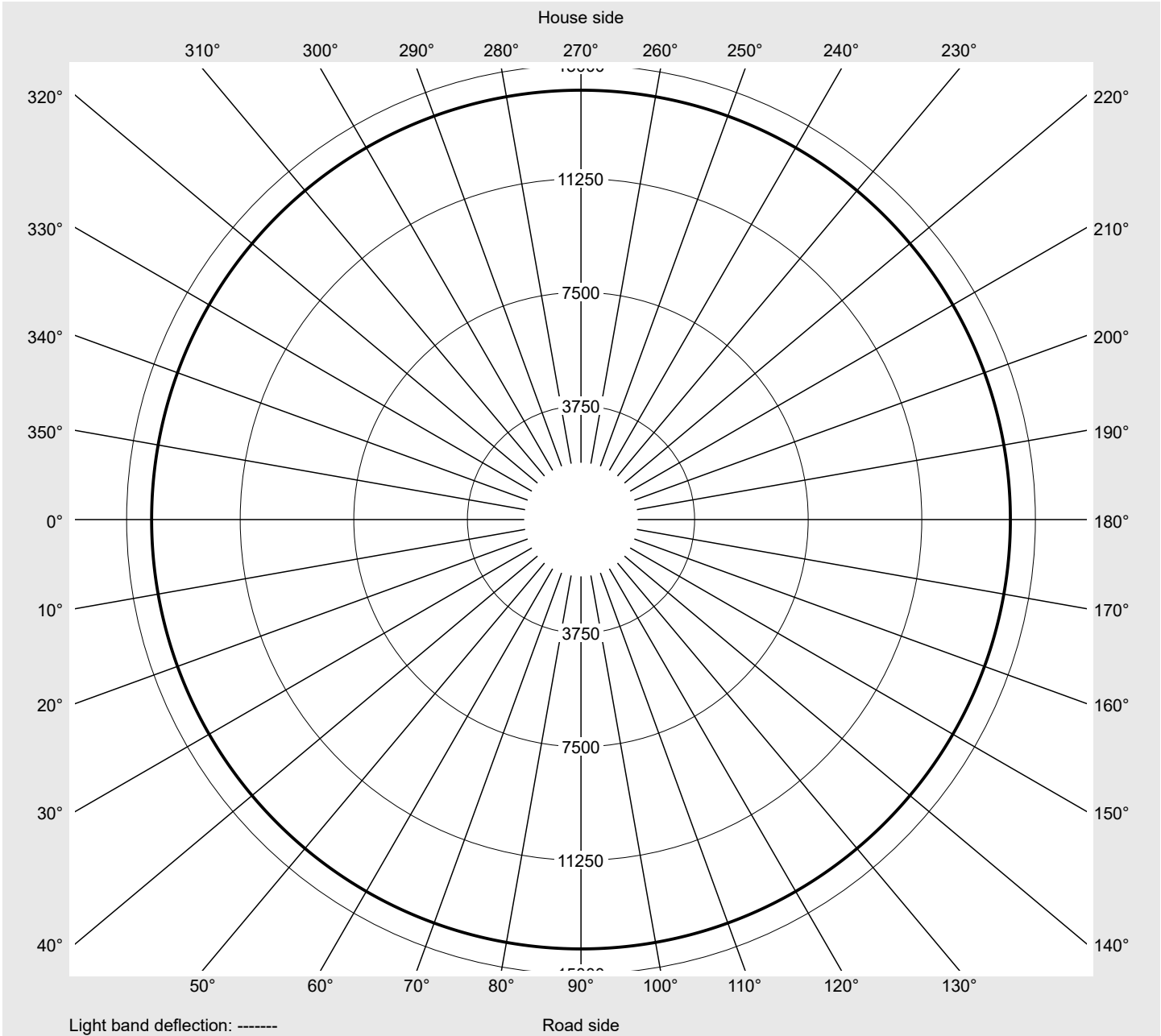
Measurement conditions

DIN EN 13032 and DIN 5032

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



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Table of values for luminous intensities		Maximum luminous intensity
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C-planes	0°	Phi-zone	Total Phi-zone
γ	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
γ	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	39000	305.7
95	237	252	37050	286.2
90	223	249	35100	267.8
85	209	247	33150	250.2
80	194	244	31200	232.5
75	178	241	29250	215.6
70	166	239	27300	199.7
65	154	235	25350	184.1
60	141	232	23400	168.7
55	127	228	21450	153.8
50	113	224	19500	139.5
45	100	220	17550	125.3
40	89	216	15600	111.7
35	77	210	13650	98.0
30	65	204	11700	84.7
25	54	197	9750	71.9
20	43	189	7800	59.5
15	32	178	5849	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	39700	307.8
95	237	252	37715	288.2
90	223	249	35730	269.6
85	209	247	33745	251.9
80	194	244	31760	234.1
75	178	241	29775	217.1
70	166	239	27790	201.1
65	154	235	25805	185.4
60	141	232	23820	169.9
55	127	228	21835	154.9
50	113	224	19850	140.5
45	100	220	17865	126.2
40	89	216	15880	112.5
35	77	210	13895	98.7
30	65	204	11910	85.3
25	54	197	9925	72.4
20	43	189	7940	59.9
15	32	178	5954	47.8

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Luminousfluxs table	siteco
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Temperature °C	Luminous flux lm	Power consumption W
25.0	39000.0	305.7
10.0	39700.0	307.8