

Photometric test report

Family
Floodlight 20 midi LED

Order number: 5XA7682E2B1AC
EAN: 4058352223291

LP number
58579_9

serial
documentation
25.08.2021

siteco

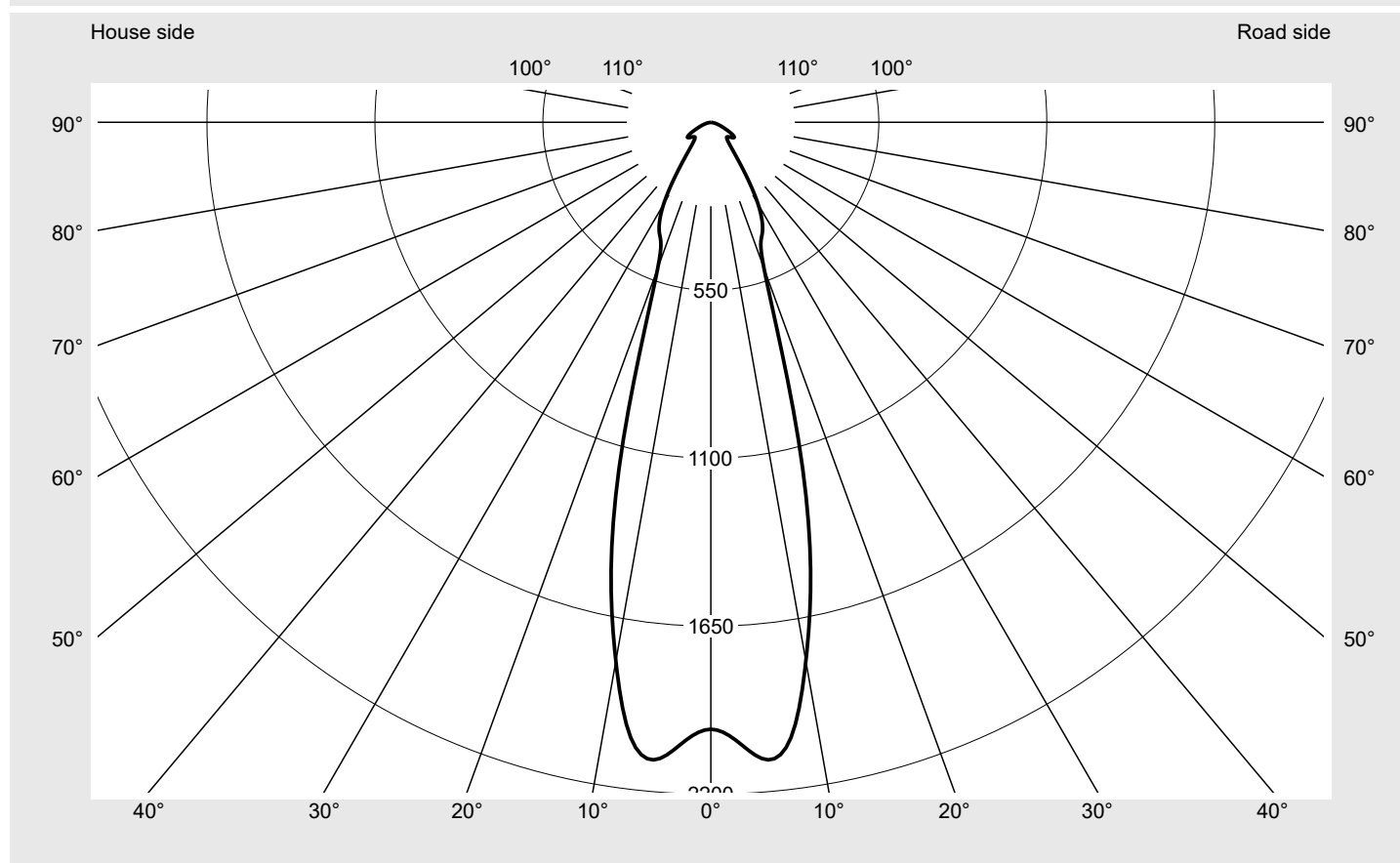


Version	mounting bracket
Optic	symmetric distribution RS17
Cover	toughened safety glass
Lamps	1 x LED 4000K / CRI ≥ 70 (unbekannt LED 4000K / CRI = 70)
Controlgear	ECG-DALI
Rated values	Net luminous flux = 29150 lm Power consumption = 207.8 W Luminous efficacy = 140.3 lm/W

Luminous intensity in cd/klm

C180-0

Imax: 2095 cd/klm



Luminaire output ratios

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

Measurement conditions

DIN EN 13032 and DIN 5032

Luminous intensity class acc. to EN13201-2

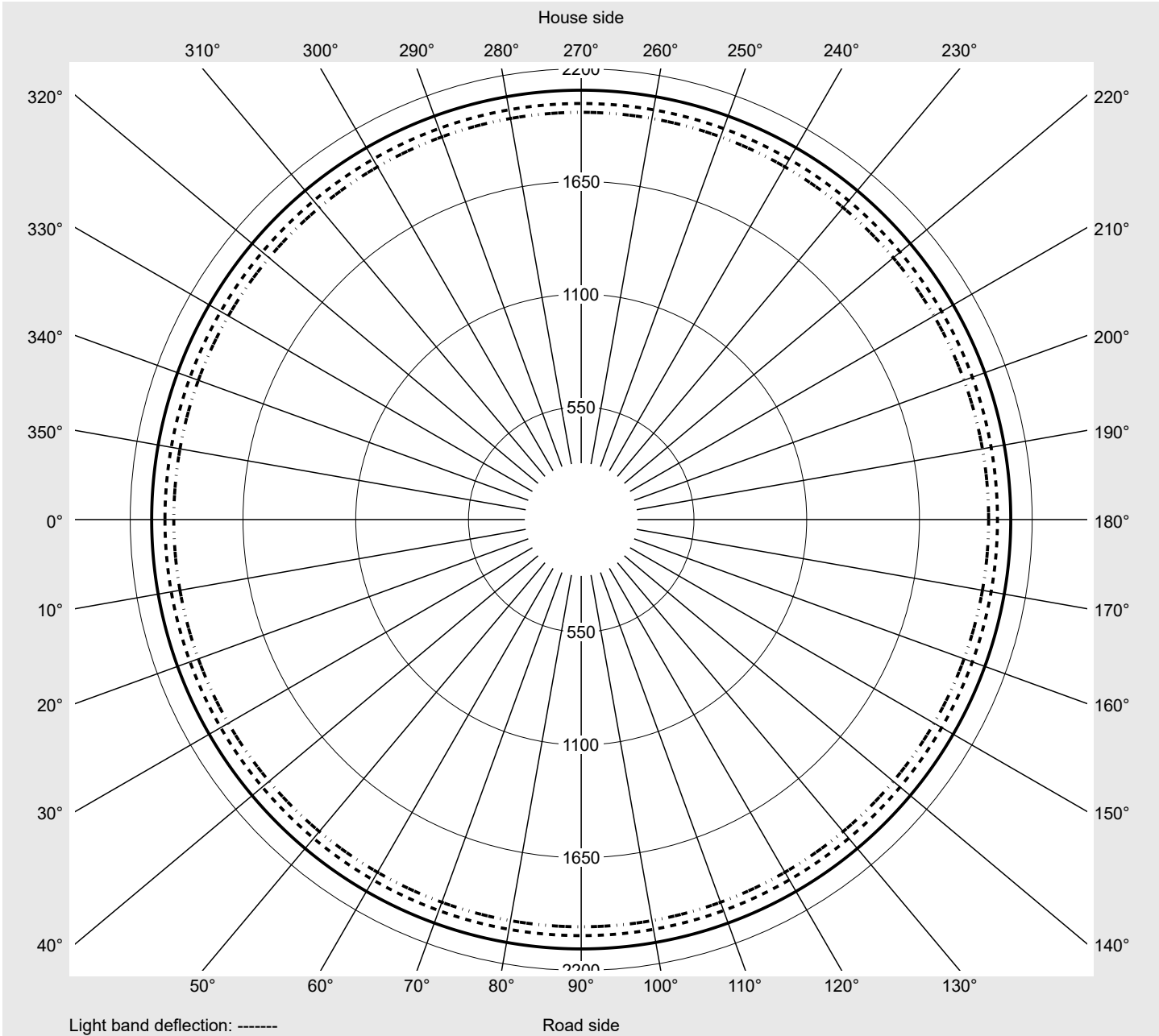
Class:	G6
Imax 70°	33.2
Imax 80°	8.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

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Envelope curve in cd/klm **KMK 5°** **KMK 2.5°** **KMK 0°**



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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	
0,0°	1987.6	3.0	3.0
2,5°	2030.7	24.3	27.3
5,0°	2095.5	50.1	77.3
7,5°	2026.9	72.5	149.8
10,0°	1791.8	85.3	235.1
12,5°	1509.5	89.6	324.7
15,0°	1149.0	81.5	406.2
17,5°	740.6	61.1	467.3
20,0°	508.4	47.7	514.9
22,5°	427.7	44.9	559.8
25,0°	399.1	46.2	606.1
27,5°	363.0	45.9	652.0
30,0°	308.9	42.3	694.3
32,5°	237.9	35.0	729.4
35,0°	171.0	26.9	756.3
37,5°	124.2	20.7	777.0
40,0°	96.7	17.0	794.0
42,5°	81.3	15.1	809.1
45,0°	73.6	14.3	823.4
47,5°	71.2	14.4	837.8
50,0°	74.3	15.6	853.4
52,5°	79.9	17.4	870.8
55,0°	87.8	19.7	890.5
57,5°	90.8	21.0	911.5
60,0°	83.4	19.8	931.3
62,5°	69.1	16.8	948.1
65,0°	54.1	13.4	961.5
67,5°	42.5	10.8	972.3
70,0°	33.2	8.6	980.9
72,5°	25.3	6.6	987.5
75,0°	18.4	4.9	992.4
77,5°	12.8	3.4	995.8
80,0°	8.4	2.3	998.1
82,5°	4.7	1.3	999.3
85,0°	1.9	0.5	999.8
87,5°	0.4	0.1	1000.0
90,0°	0.0	0.0	1000.0
100,0°	0.0	0.0	1000.0
110,0°	0.0	0.0	1000.0
120,0°	0.0	0.0	1000.0
130,0°	0.0	0.0	1000.0
140,0°	0.0	0.0	1000.0
150,0°	0.0	0.0	1000.0
160,0°	0.0	0.0	1000.0
170,0°	0.0	0.0	1000.0
180,0°	0.0	0.0	1000.0

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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	29150	207.8
95	239	252	27693	196.0
90	225	250	26235	184.4
85	211	247	24778	173.1
80	196	245	23320	161.9
75	184	242	21863	151.1
70	170	239	20405	140.2
65	156	236	18948	129.8
60	143	233	17490	119.6
55	131	230	16033	109.2
50	118	226	14575	99.2
45	105	222	13118	89.5
40	92	217	11660	79.9
35	81	212	10203	70.4
30	69	206	8745	61.0
25	57	199	7288	51.8
20	46	191	5830	43.0
15	34	180	4372	34.2