

Photometric test report

Family
Floodlight 20 midi LED

Order number: 5XA7682D2B1AC
EAN: 4058352222652

LP number
58579_3



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 = 19540 lm Power consumption = 142.0 W Luminous efficacy = 137.6 lm/W

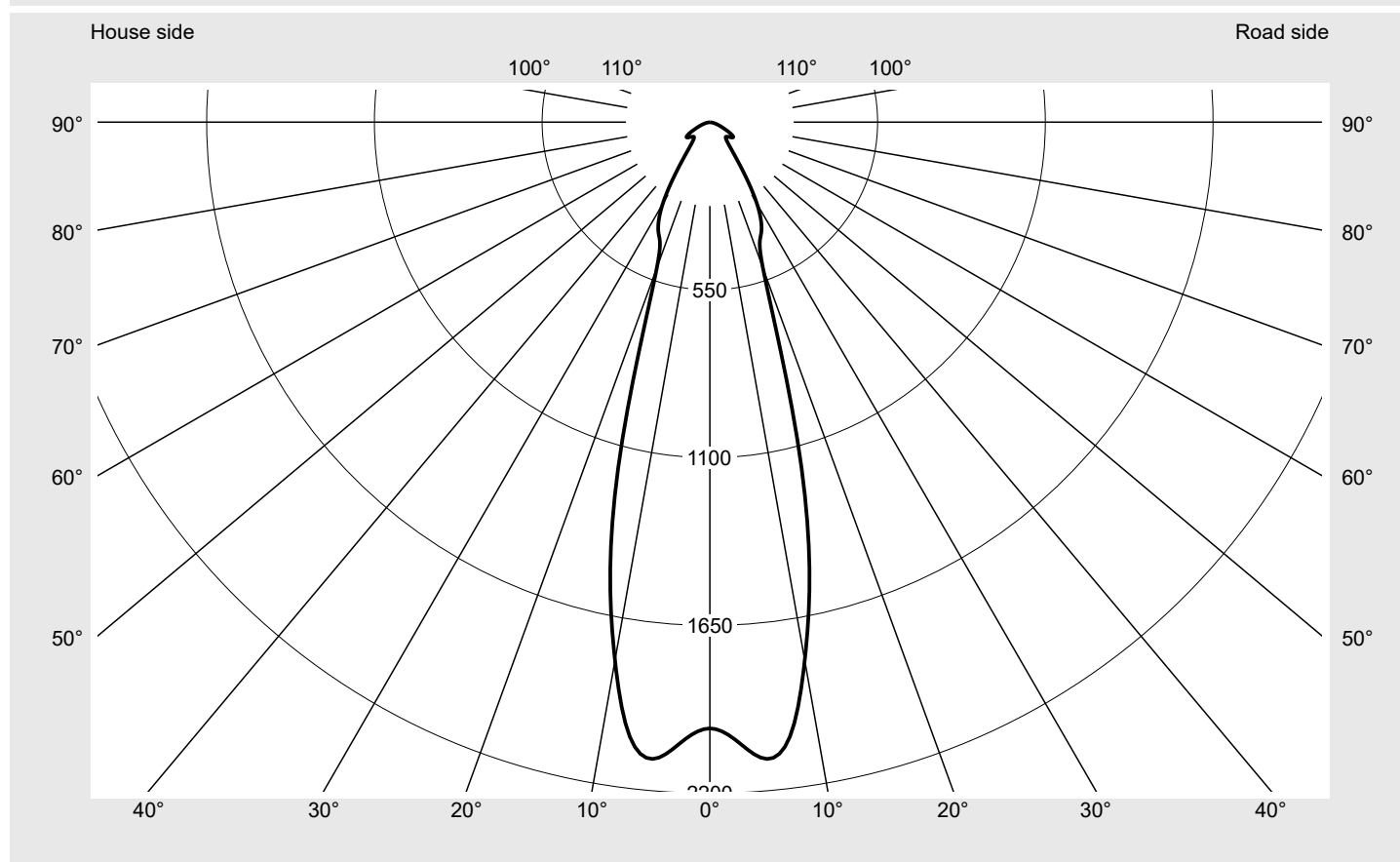
serial
documentation
25.08.2021

siteco

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%

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

Measurement conditions

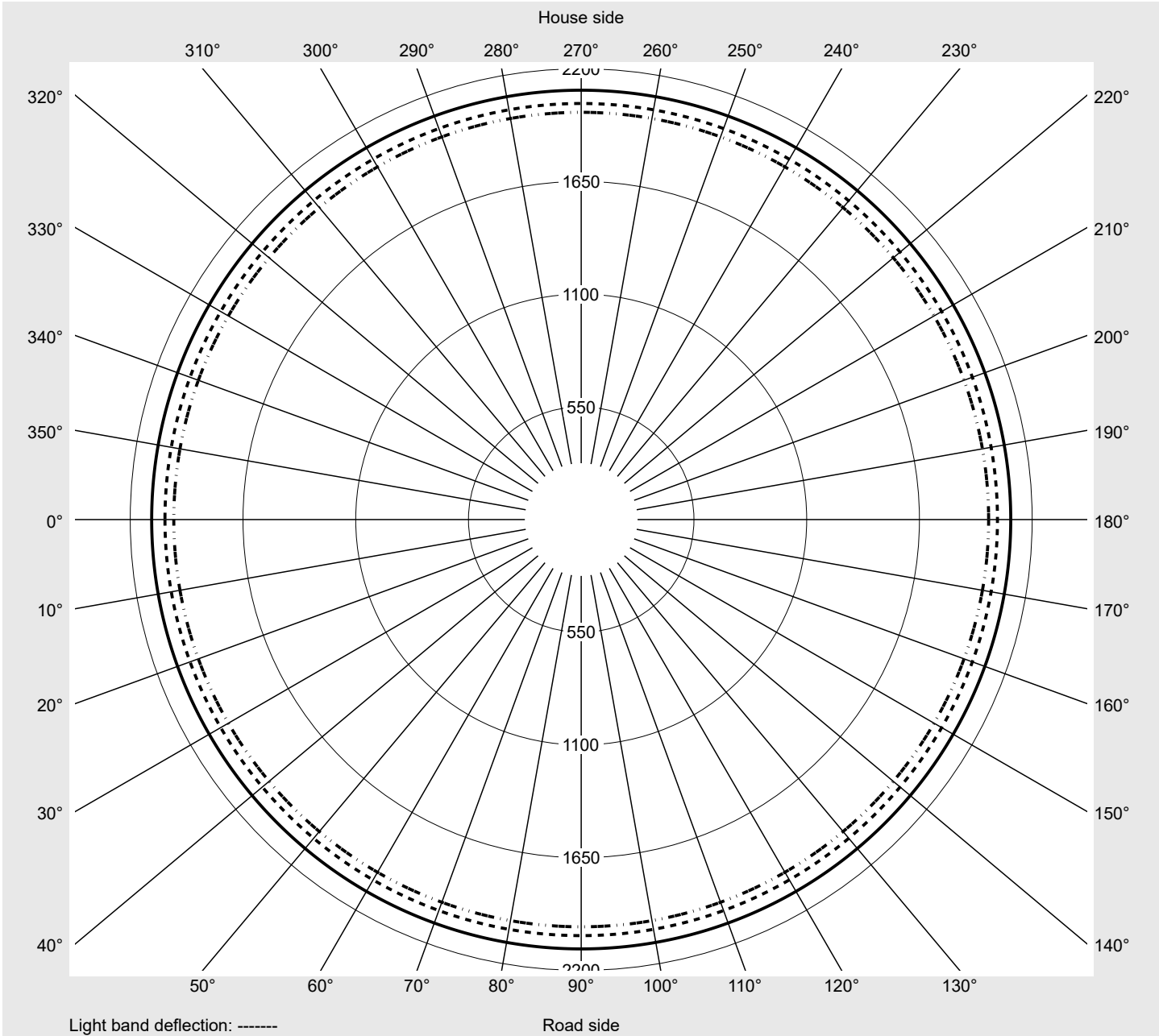
DIN EN 13032 and DIN 5032

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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	19540	142.0
95	241	252	18563	134.1
90	226	250	17586	126.2
85	211	247	16609	118.6
80	197	245	15632	111.1
75	185	242	14655	103.6
70	171	239	13678	96.3
65	157	236	12701	89.2
60	144	233	11724	82.2
55	130	230	10747	75.4
50	118	226	9770	68.6
45	106	222	8793	61.9
40	94	217	7816	55.3
35	81	212	6839	48.9
30	69	206	5862	42.6
25	57	199	4885	36.4
20	45	191	3908	30.3
15	34	181	2930	24.2