

Photometric test report

Family
Floodlight 20 mini LED

Order number: 5XA7672C1B3AC
EAN: 4058352259429

LP number
58555_10



Version design bracket
Optic symmetric distribution RS17
Cover toughened safety glass
Lamps 1 x LED 3000K / CRI ≥ 80
 (unbekannt LED 3000K / CRI = 80)
Controlgear ECG-DALI
Rated values Net luminous flux = 10480 lm
 Power consumption = 95.8 W
 Luminous efficacy = 109.4 lm/W

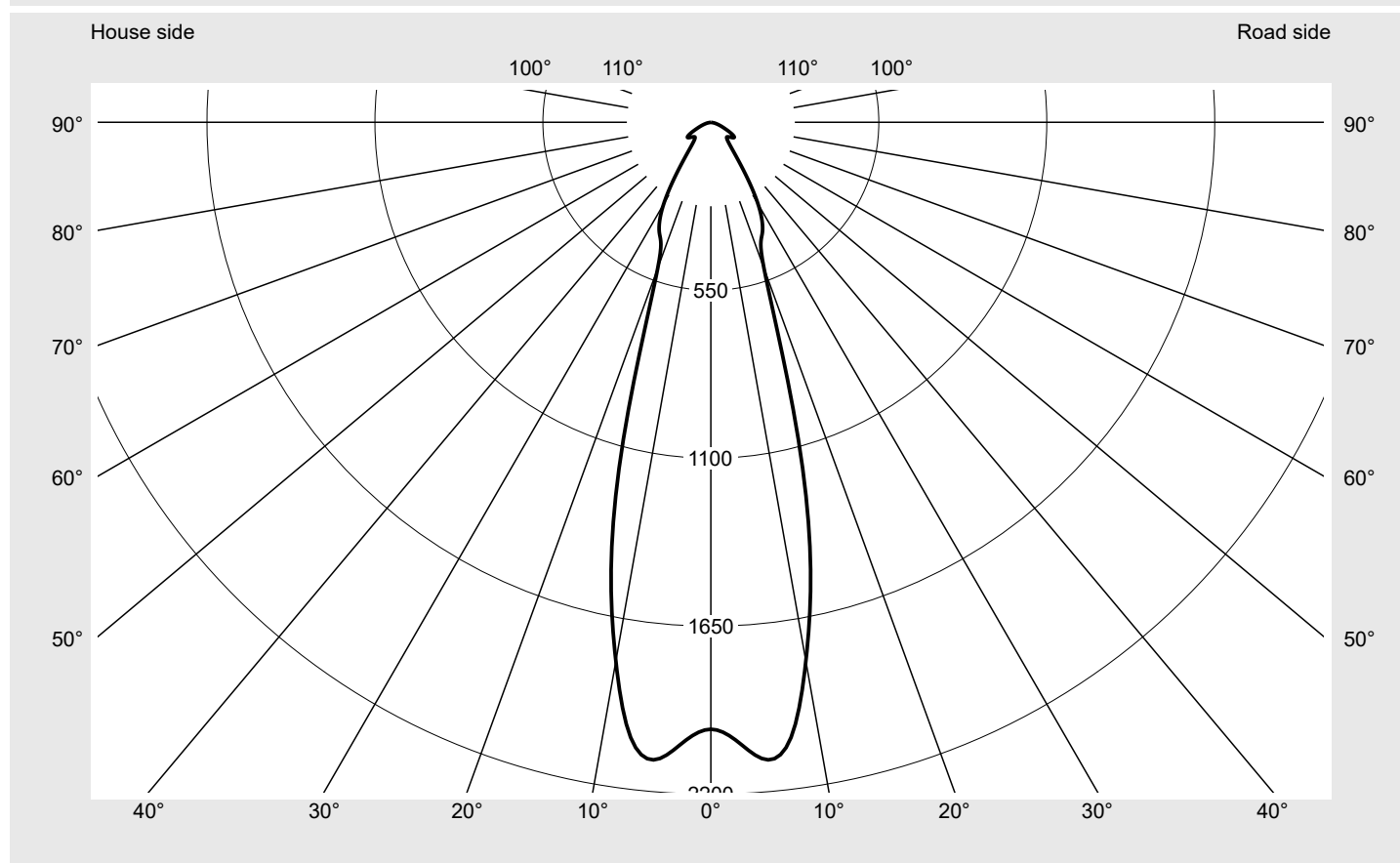
serial
documentation
25.08.2021

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

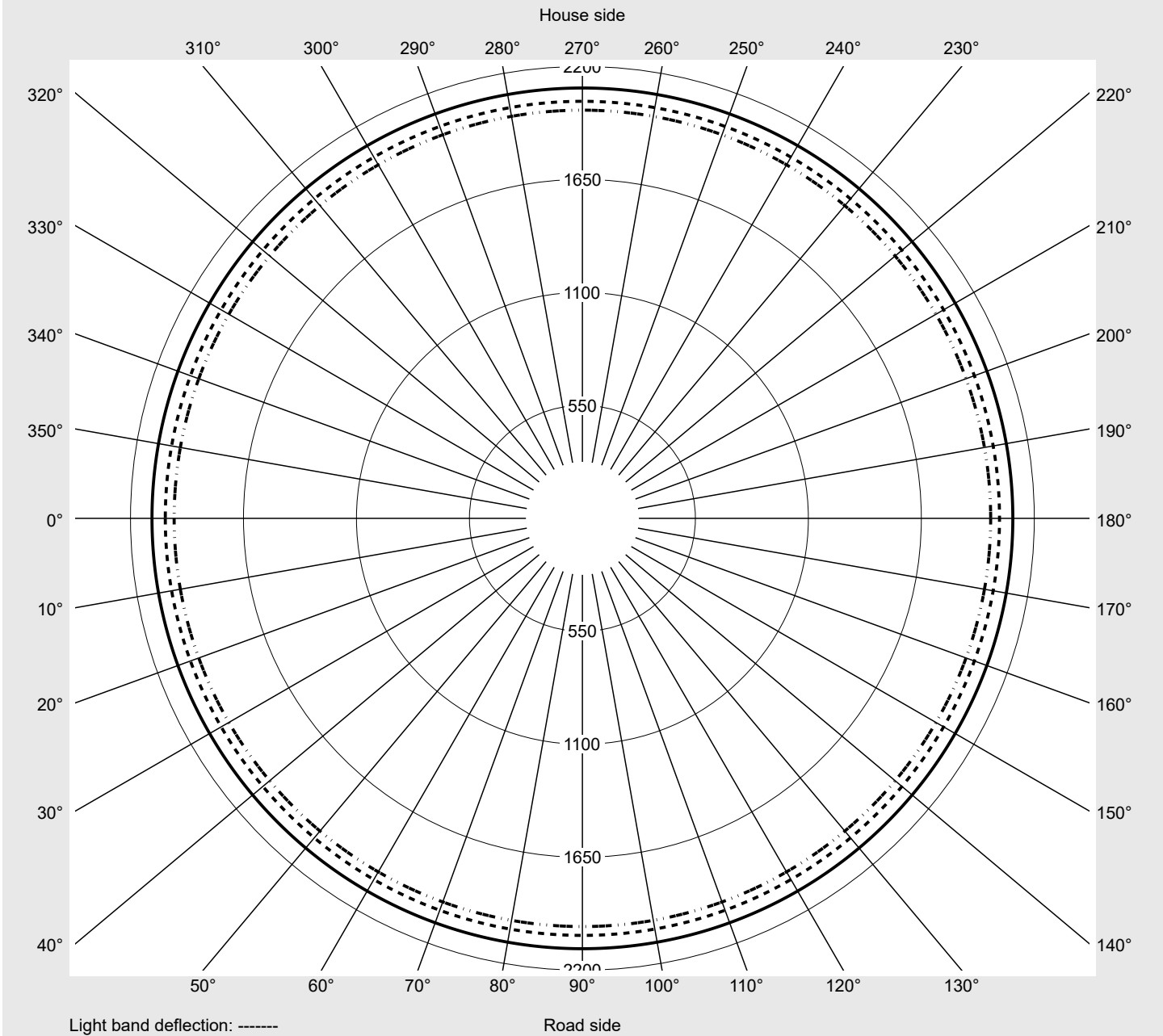
DIN EN 13032 and DIN 5032

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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	10480	95.8
95	240	252	9956	90.4
90	225	250	9432	85.1
85	212	247	8908	79.8
80	197	245	8384	74.6
75	184	242	7860	69.6
70	171	239	7336	64.6
65	157	236	6812	59.7
60	143	233	6288	55.0
55	132	230	5764	50.3
50	118	226	5240	45.7
45	106	222	4716	41.1
40	93	217	4192	36.7
35	81	212	3668	32.4
30	69	206	3144	28.1
25	57	199	2620	23.9
20	46	191	2096	19.6
15	34	180	1571	15.7