

## Photometric test report

Family  
Floodlight 20 midi LED

Order number: 5XA7682D1B1AC  
EAN: 4058352222430

LP number  
58579\_1



Version	mounting 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 = 15350 lm Power consumption = 142.0 W Luminous efficacy = 108.1 lm/W

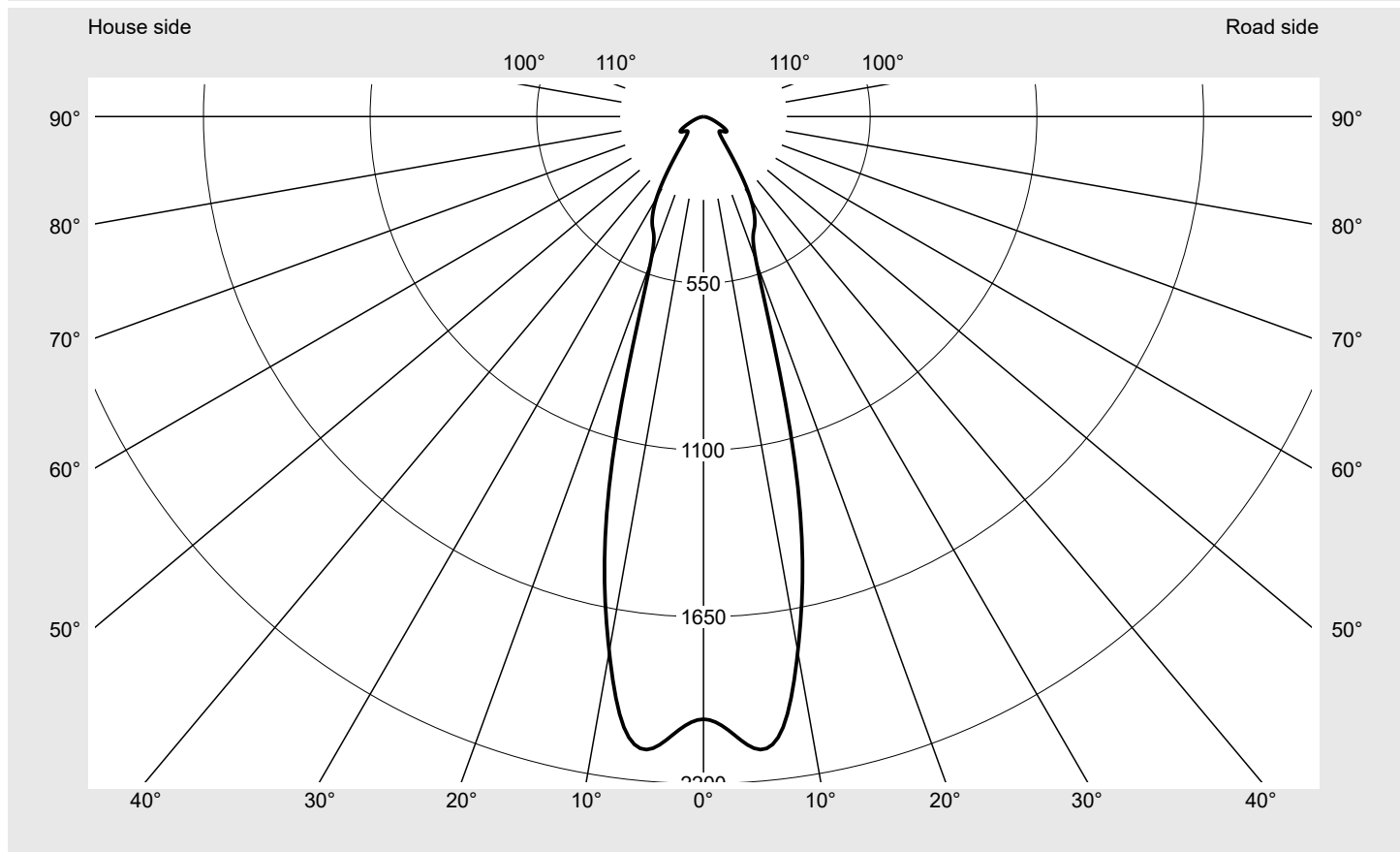
serial  
documentation  
25.08.2021

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

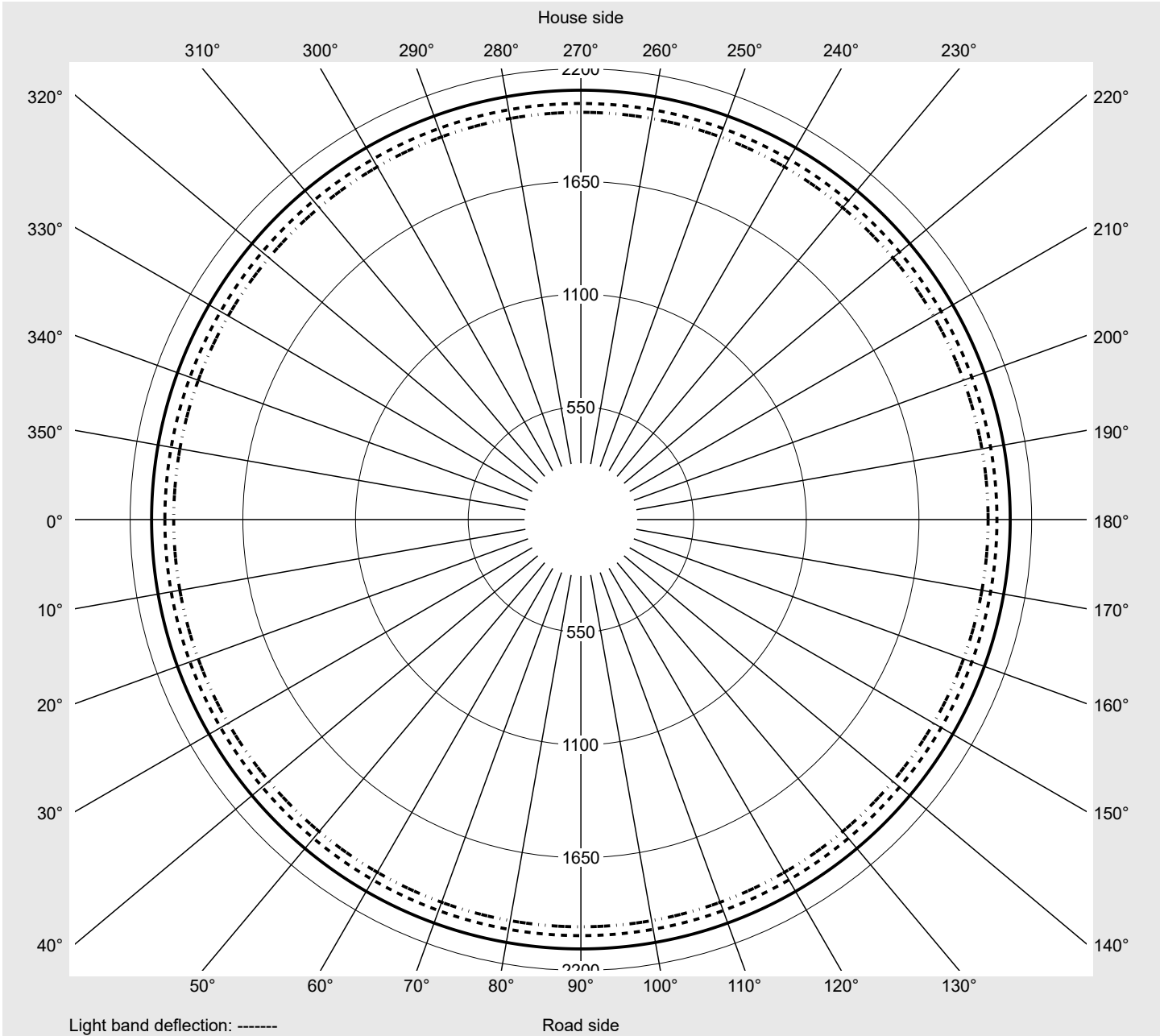
DIN EN 13032 and DIN 5032

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



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**sITeco**

<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	
0,0°	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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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	15350	142.0
95	241	252	14583	134.1
90	226	250	13815	126.2
85	211	247	13048	118.6
80	197	245	12280	111.1
75	185	242	11513	103.6
70	171	239	10745	96.3
65	157	236	9978	89.2
60	144	233	9210	82.2
55	130	230	8443	75.4
50	118	226	7675	68.6
45	106	222	6908	61.9
40	94	217	6140	55.3
35	81	212	5373	48.9
30	69	206	4605	42.6
25	57	199	3838	36.4
20	45	191	3070	30.3
15	34	181	2302	24.2