

## Photometric test report

**Family**  
Floodlight 20 midi LED

**Order number: 5XA7682E1B2AC**  
**EAN: 4058352223093**

**LP number**  
**58579\_8**



**Version** bracket for wall fastening  
**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 = 22840 lm  
 Power consumption = 207.8 W  
 Luminous efficacy = 109.9 lm/W

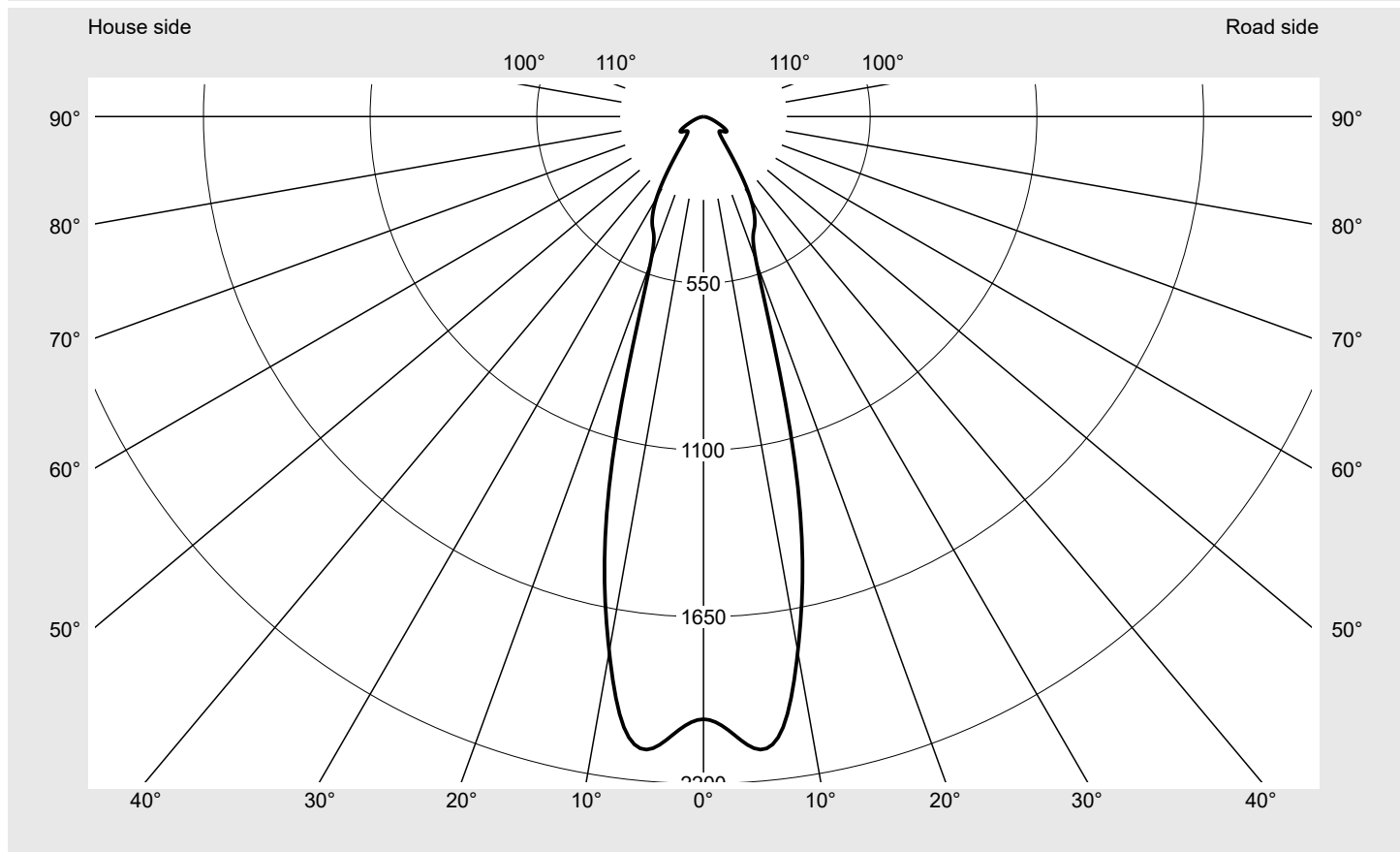
**serial**  
**documentation**  
**25.08.2021**

**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

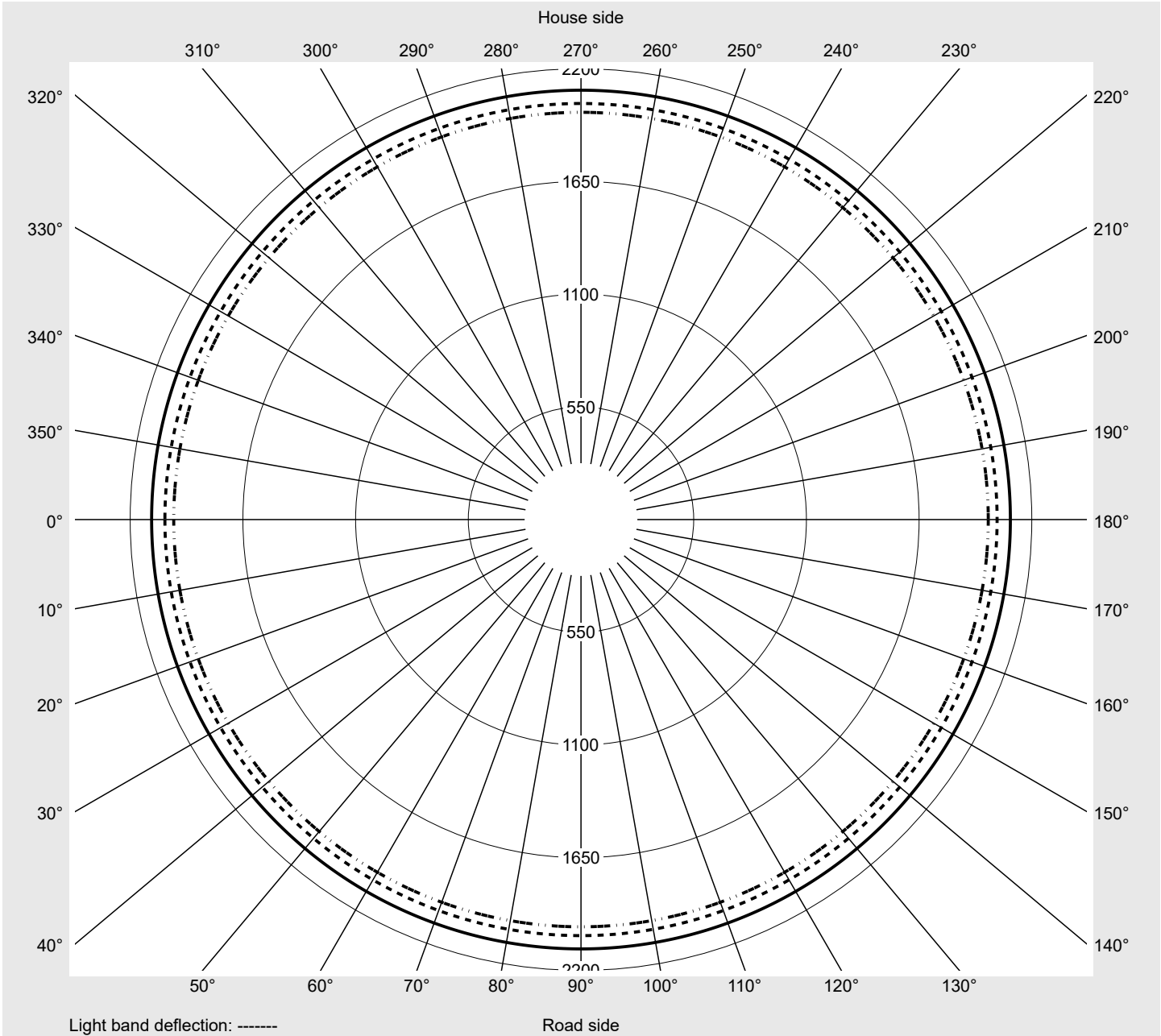
DIN EN 13032 and DIN 5032

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



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<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	22840	207.8
95	239	252	21698	196.0
90	225	250	20556	184.4
85	211	247	19414	173.1
80	196	245	18272	161.9
75	184	242	17130	151.1
70	170	239	15988	140.2
65	156	236	14846	129.8
60	143	233	13704	119.6
55	131	230	12562	109.2
50	118	226	11420	99.2
45	105	222	10278	89.5
40	92	217	9136	79.9
35	81	212	7994	70.4
30	69	206	6852	61.0
25	57	199	5710	51.8
20	46	191	4568	43.0
15	34	180	3425	34.2