

## Photometric test report

Family  
Floodlight 20 midi LED

Order number: 5XA7682D3B2AC  
EAN: 4058352222874

LP number  
58579\_6



**Version** bracket for wall fastening  
**Optic** symmetric distribution RS17  
**Cover** toughened safety glass  
**Lamps** 1 x LED 5000K / CRI ≥ 70  
 (unbekannt LED 5000K / CRI = 70)  
**Controlgear** ECG-DALI  
**Rated values** Net luminous flux = 19830 lm  
 Power consumption = 142.0 W  
 Luminous efficacy = 139.6 lm/W

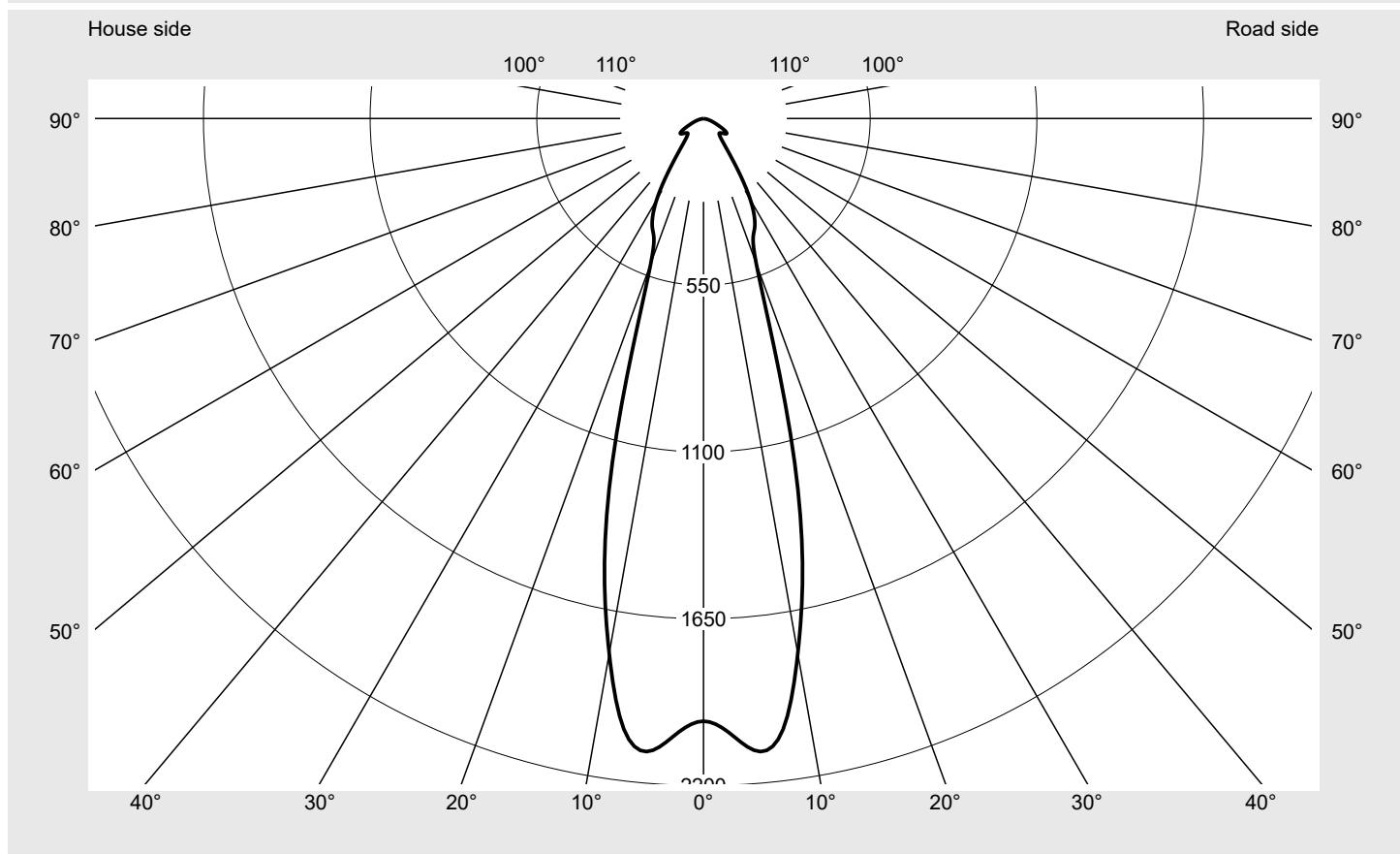
serial  
documentation  
25.08.2021

siteco

Luminous intensity in cd/klm

C180-0

I<sub>max</sub>: 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
I <sub>max</sub> 70°	33.2
I <sub>max</sub> 80°	8.4
I <sub>max</sub> 90°	0.0
I <sub>max</sub> >90°	0.0
I <sub>max</sub> >95°	0.0

#### Measurement conditions

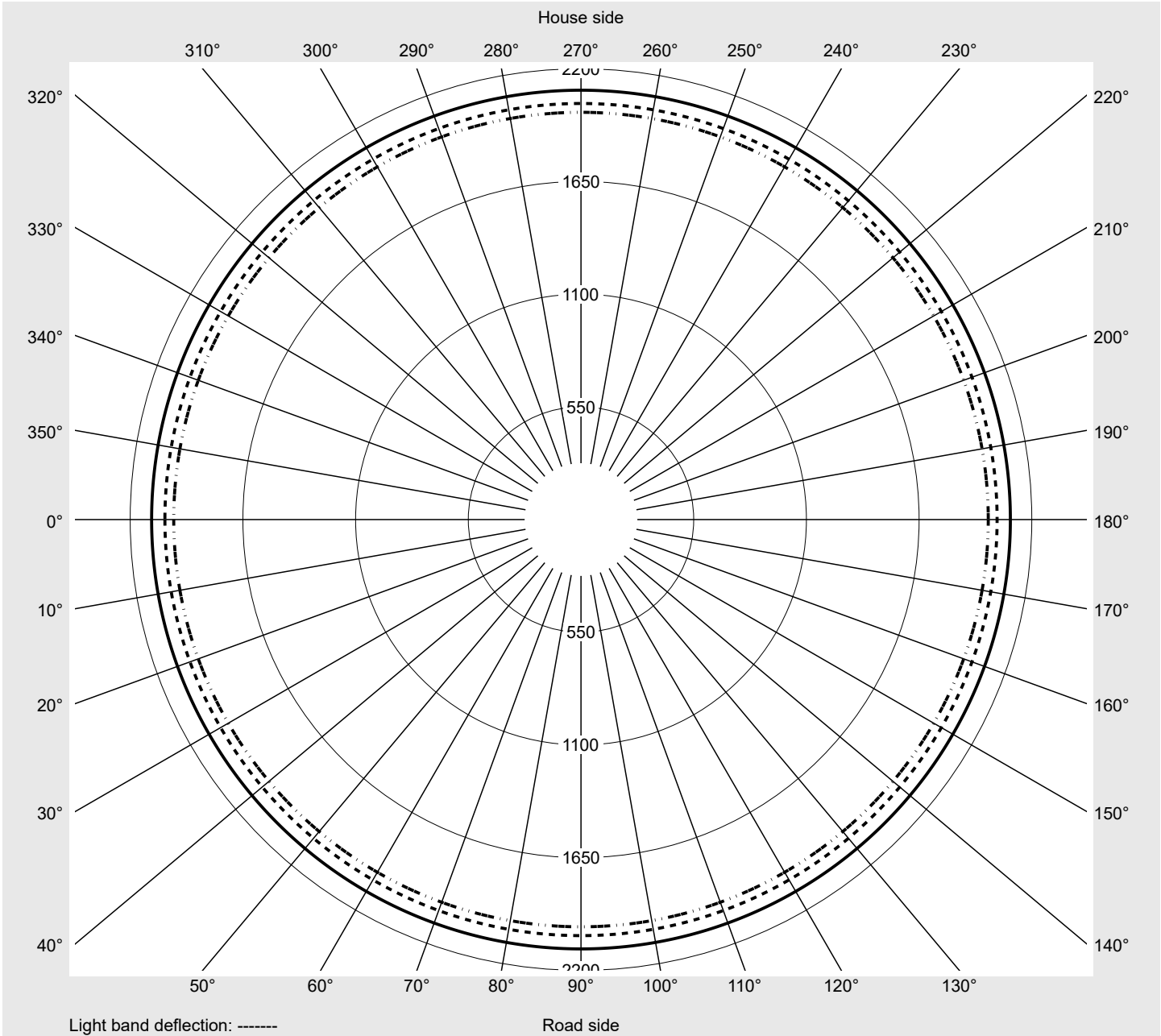
DIN EN 13032 and DIN 5032

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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	19830	142.0
95	241	252	18839	134.1
90	226	250	17847	126.2
85	211	247	16856	118.6
80	197	245	15864	111.1
75	185	242	14873	103.6
70	171	239	13881	96.3
65	157	236	12890	89.2
60	144	233	11898	82.2
55	130	230	10907	75.4
50	118	226	9915	68.6
45	106	222	8924	61.9
40	94	217	7932	55.3
35	81	212	6941	48.9
30	69	206	5949	42.6
25	57	199	4958	36.4
20	45	191	3966	30.3
15	34	181	2974	24.2