

Photometric test report

Family
Floodlight 20 midi LED

Order number: 5XA7682E3B2AC
EAN: 4058352223536

LP number
58579_12



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 = 29600 lm
Power consumption = 207.8 W
Luminous efficacy = 142.4 lm/W

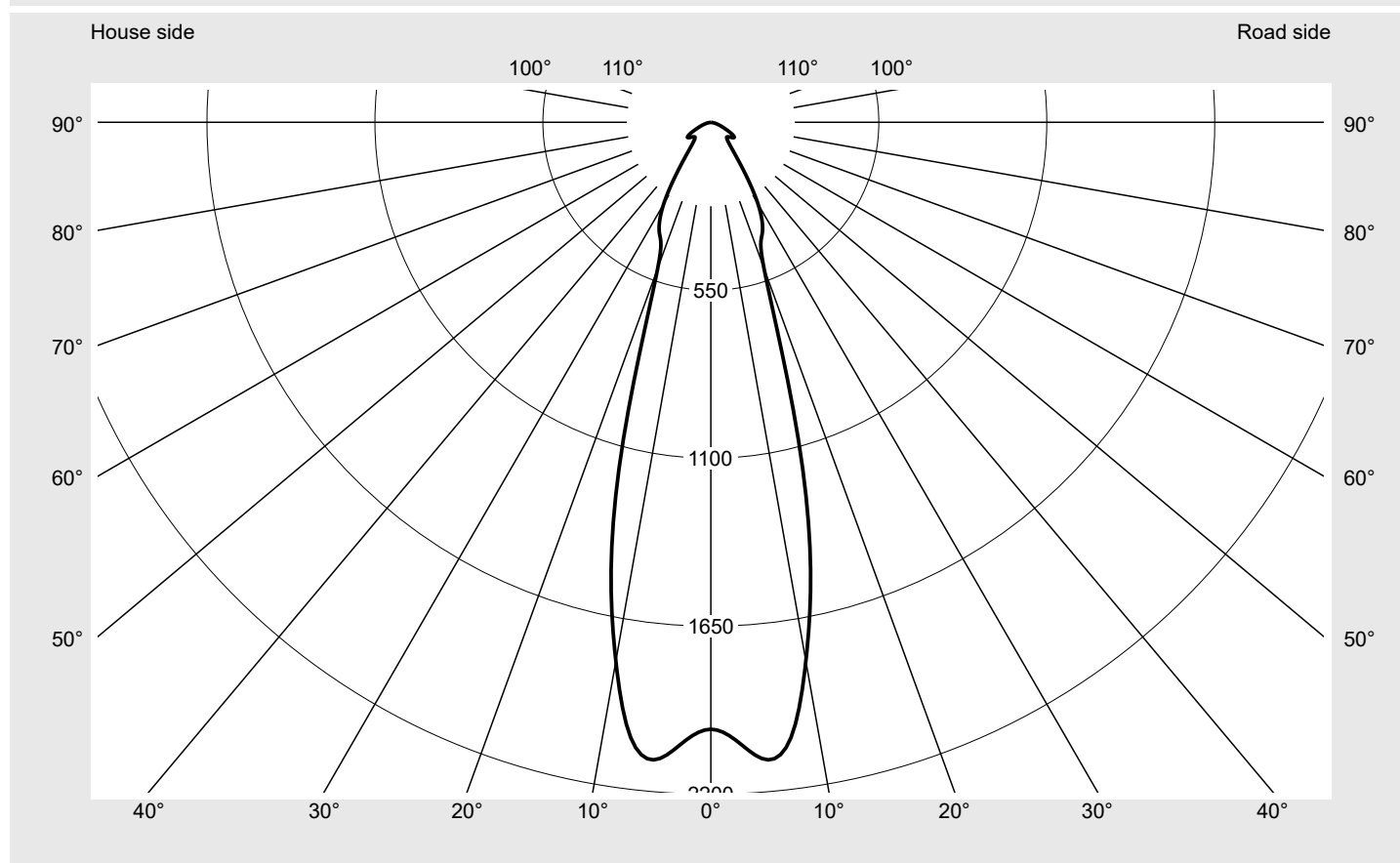
serial
documentation
25.08.2021

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

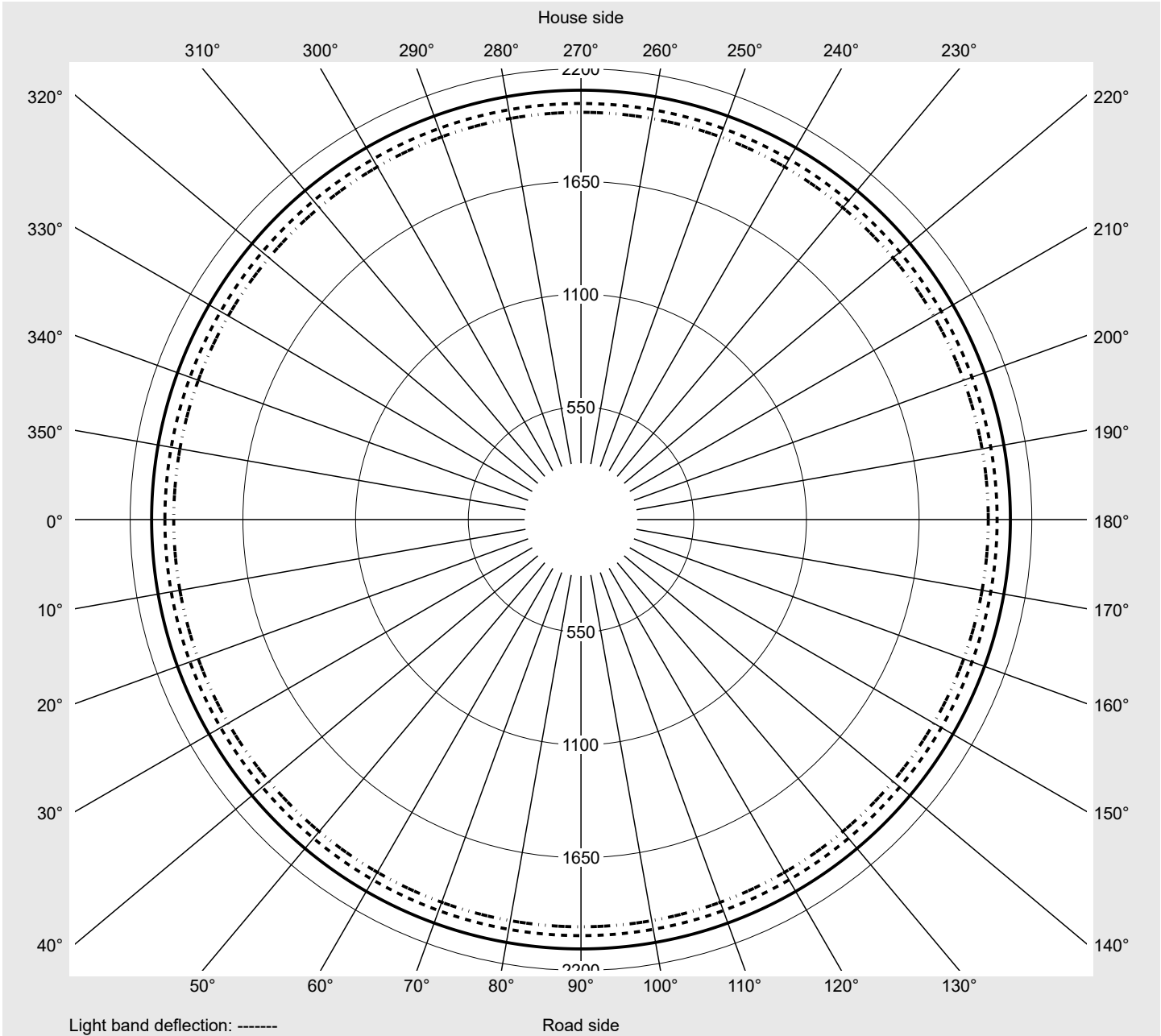
DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight 20 midi LED	Order number: 5XA7682E3B2AC EAN: 4058352223536	LP number 58579_12
---	---	------------------------------



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



Photometric test report

Family Floodlight 20 midi LED	Order number: 5XA7682E3B2AC EAN: 4058352223536	LP number 58579_12
---	---	------------------------------

Table of values for luminous intensities	Maximum luminous intensity	sITeco
---	-----------------------------------	---------------

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

Photometric test report

Family Floodlight 20 midi LED	Order number: 5XA7682E3B2AC EAN: 4058352223536	LP number 58579_12
---	---	------------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	29600	207.8
95	239	252	28120	196.0
90	225	250	26640	184.4
85	211	247	25160	173.1
80	196	245	23680	161.9
75	184	242	22200	151.1
70	170	239	20720	140.2
65	156	236	19240	129.8
60	143	233	17760	119.6
55	131	230	16280	109.2
50	118	226	14800	99.2
45	105	222	13320	89.5
40	92	217	11840	79.9
35	81	212	10360	70.4
30	69	206	8880	61.0
25	57	199	7400	51.8
20	46	191	5920	43.0
15	34	180	4439	34.2