

Photometric test report

Family
Floodlight FL11

Order number: 5XA779524M01BA
EAN: 4058352574379

LP number
59238_170



Version standard bracket
Optic symmetric distribution RS12
Cover toughened safety glass
Lamps LED 5700 K | CRI ≥ 90
Controlgear ECG-DMX
Rated values Ta = 10 °C
 Net luminous flux = 110330 lm
 Power consumption = 1020.5 W
 Luminous efficacy = 108.1 lm/W

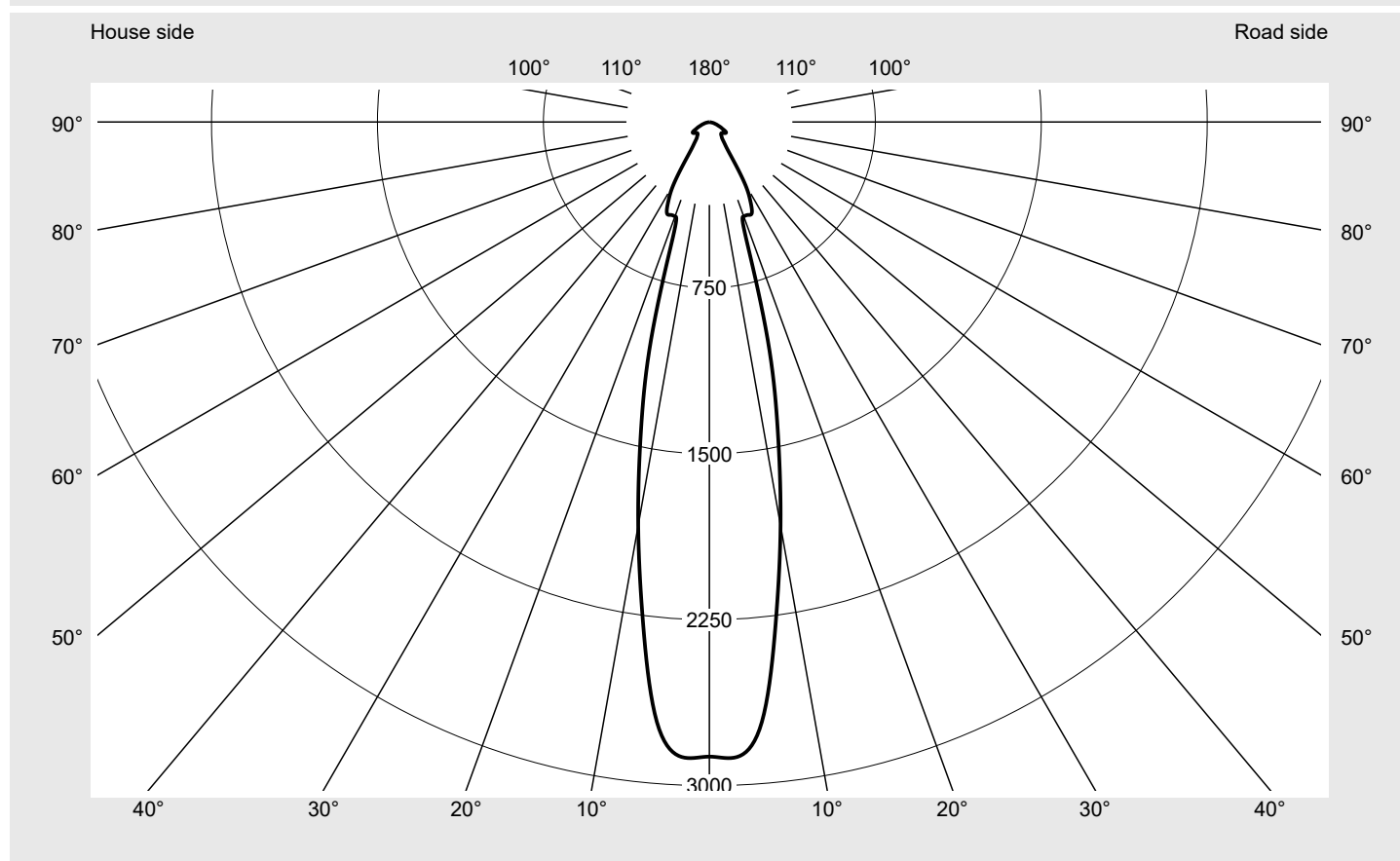
serial
documentation
15.09.2023

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Luminous intensity in cd/klm

C180-0

Imax: 2873 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°	36.4
Imax 80°	9.1
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

DIN EN 13032 and DIN 5032

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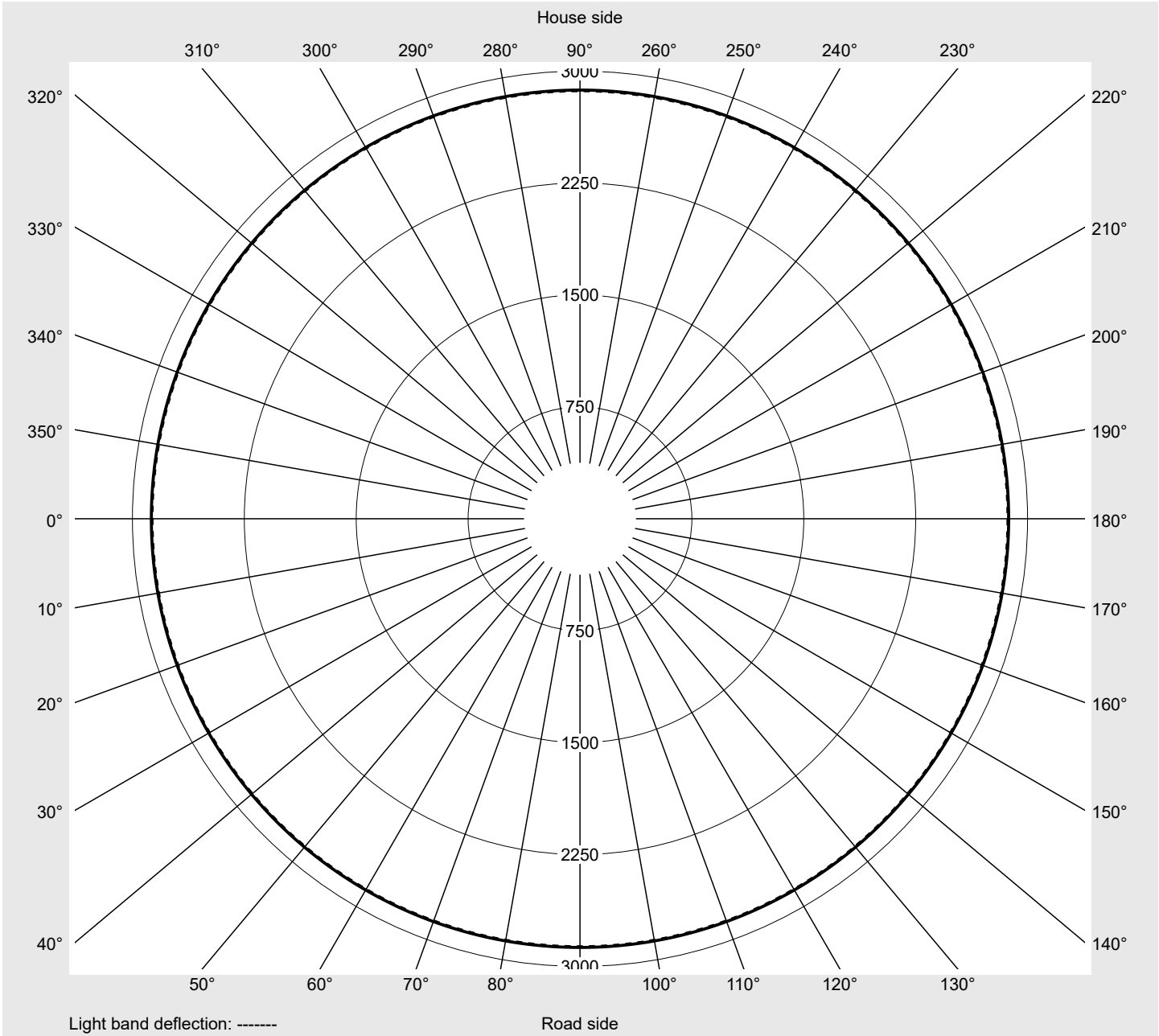
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Envelope curve in cd/klm

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°	2868.8	4.3	4.3
2,5°	2873.2	34.4	38.6
5,0°	2722.5	65.0	103.7
7,5°	2292.0	82.0	185.7
10,0°	1852.6	88.2	273.9
12,5°	1427.9	84.7	358.6
15,0°	1018.5	72.3	430.9
17,5°	552.2	45.5	476.4
20,0°	453.7	42.5	518.9
22,5°	454.7	47.7	566.6
25,0°	454.2	52.6	619.2
27,5°	400.1	50.6	669.9
30,0°	317.0	43.5	713.3
32,5°	178.5	26.3	739.6
35,0°	121.9	19.2	758.8
37,5°	96.3	16.1	774.9
40,0°	86.4	15.2	790.1
42,5°	78.8	14.6	804.7
45,0°	75.0	14.5	819.2
47,5°	74.2	15.0	834.2
50,0°	76.8	16.1	850.4
52,5°	82.1	17.9	868.2
55,0°	87.5	19.7	887.9
57,5°	89.5	20.7	908.6
60,0°	83.0	19.7	928.3
62,5°	67.2	16.3	944.6
65,0°	57.1	14.2	958.8
67,5°	43.9	11.1	969.9
70,0°	36.4	9.4	979.3
72,5°	27.1	7.1	986.4
75,0°	21.2	5.6	992.0
77,5°	13.7	3.7	995.6
80,0°	9.1	2.5	998.1
82,5°	4.7	1.3	999.4
85,0°	1.8	0.5	999.9
87,5°	0.5	0.1	1000.0
90,0°	0.0	0.0	1000.0

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Dimming levels table environmental temperature: 10°C		

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	255	110330	1020.5
95	238	104830	949.9
90	222	99411	883.5
85	207	93615	822.1
80	192	88197	761.4
75	178	82841	704.6
70	164	77189	649.0
65	152	71774	600.1
60	136	66183	536.2
55	124	60805	488.9
50	111	55026	437.8
45	99	49508	390.7
40	87	44076	343.0
35	76	38639	300.2
30	63	32971	249.8
25	53	27666	211.8
20	42	22279	170.1
15	31	16749	128.5
10	20	11149	87.1
5	10	5765	49.8
2	3	2009	22.2

Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	237	101416	938.4
90	220	96060	868.5
85	206	90844	811.4
80	190	85366	746.8
75	176	80222	690.6
70	162	74660	635.1
65	150	69575	586.1
60	134	64216	523.4
55	122	58777	476.5
50	110	53658	429.6
45	98	48240	383.0
40	85	42530	331.7
35	75	37581	293.2
30	62	31920	243.4
25	52	26858	205.7
20	41	21536	164.5
15	30	15982	123.8
10	19	10455	82.5
5	9	5220	45.4
2	3	1992	21.9

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Luminousfluxs table		siteco

Temperature °C	Luminous flux lm	Power consumption W
10.0	110330.0	1020.5
25.0	106880.0	1012.8