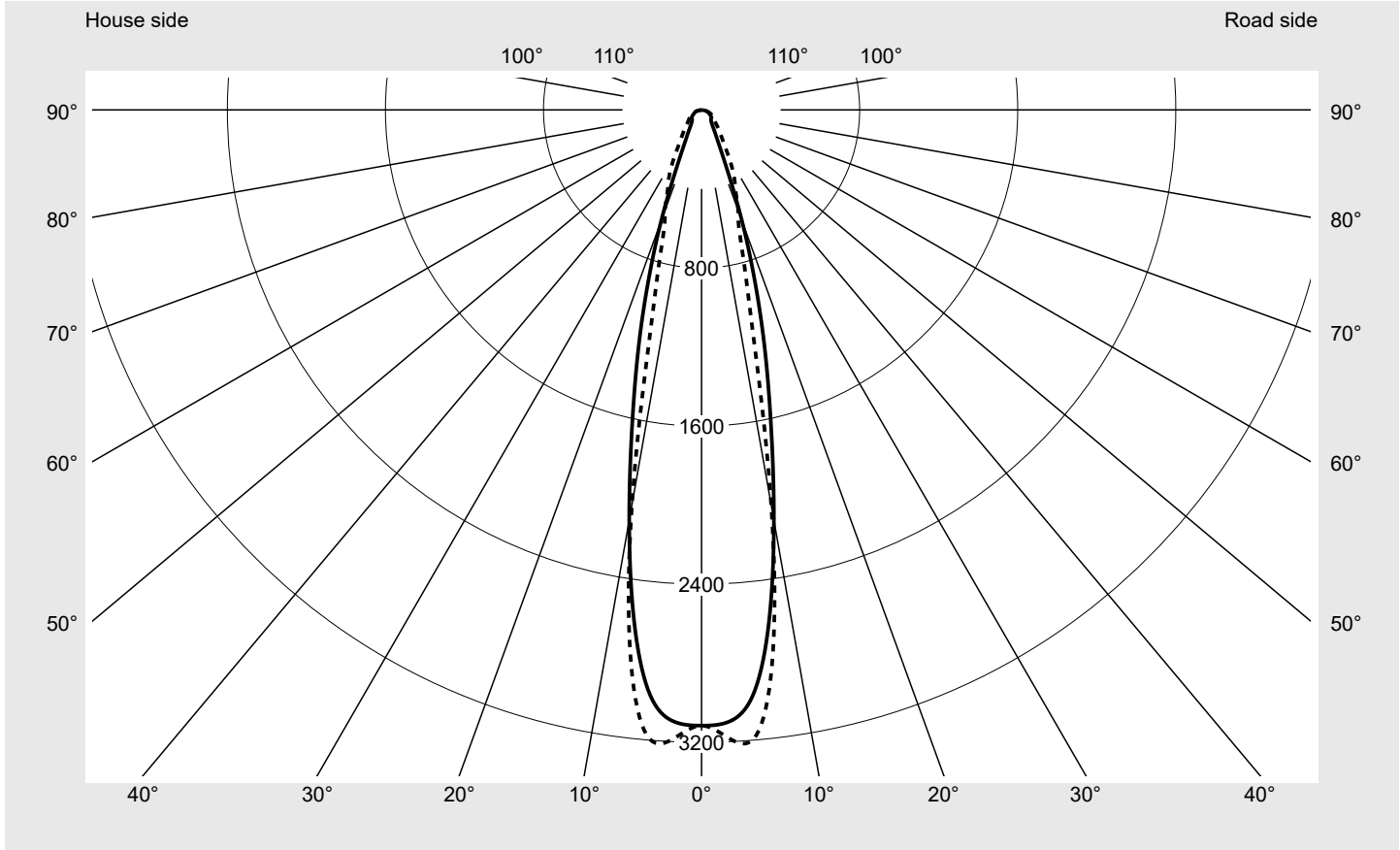


Photometric test report

Family Floodlight FL11 	Order number: 5XA779128O01AA EAN: 4058352882436	LP number 59260_13
	Version standard bracket Optic asymmetric distribution RSD11 Cover toughened safety glass Lamps LED 5700 K CRI ≥ 80 Controlgear ECG Rated values Ta = 10 °C Net luminous flux = 193450 lm Power consumption = 1481.2 W Luminous efficacy = 130.6 lm/W	serial documentation 29.06.2023



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 3183 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°	48.0
Imax 80°	15.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

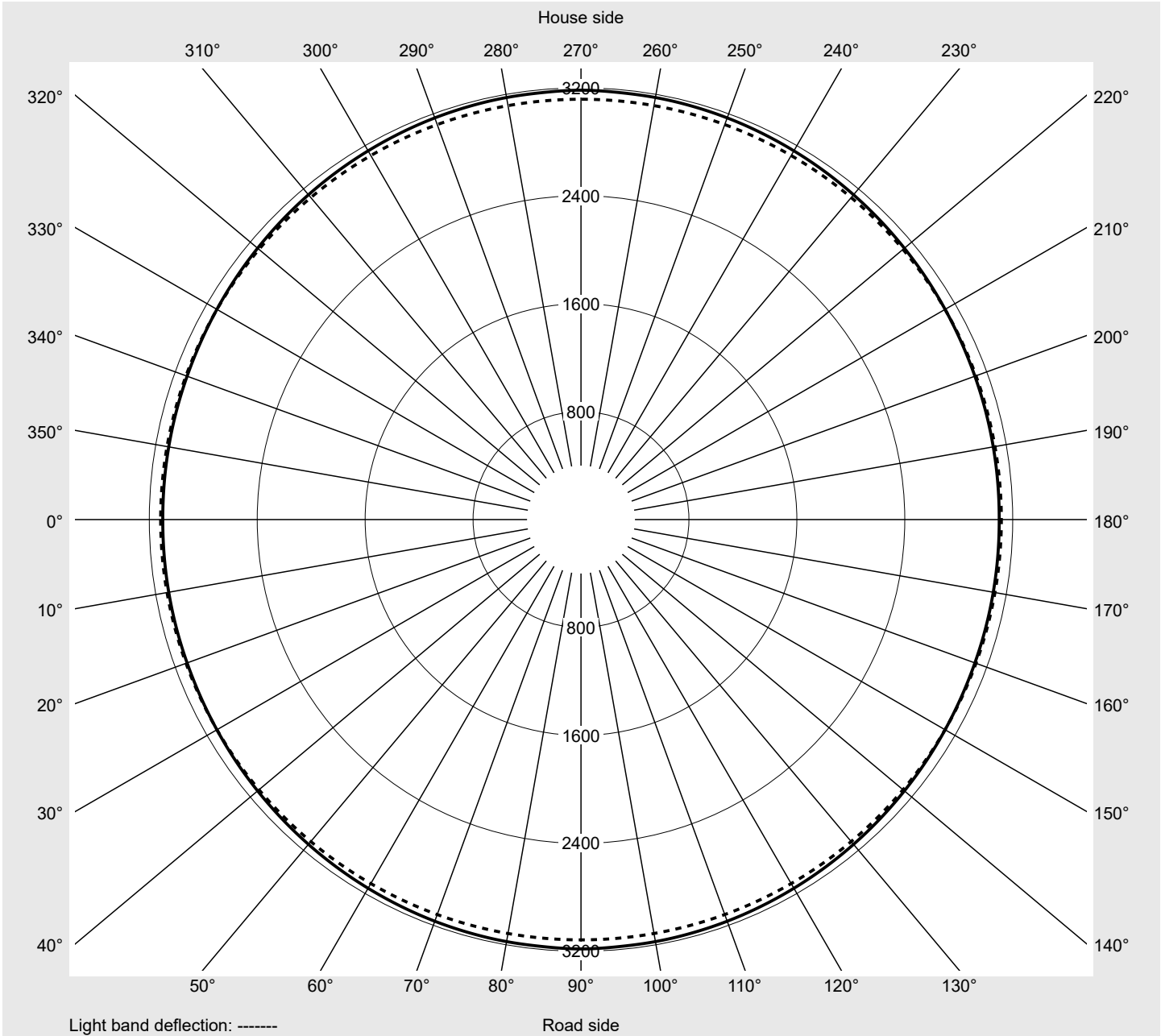
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Floodlight FL11	Order number: 5XA779128O01AA EAN: 4058352882436	LP number 59260_13
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Envelope curve in cd/klm KMK 2.5° KMK 0° siteco



Photometric test report

Family Floodlight FL11	Order number: 5XA779128O01AA EAN: 4058352882436	LP number 59260_13
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	135° 225° 315°
Luminous intensity in cd/klm										
γ										
0,0°	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8
2,5°	3100.2	3101.3	3103.0	3105.1	3107.1	3110.8	3116.4	3122.9	3129.1	3135.9
5,0°	2975.0	2976.3	2978.1	2980.1	2982.9	2988.5	2997.1	3008.5	3021.3	3036.8
7,5°	2613.1	2613.7	2612.3	2610.6	2609.3	2612.0	2619.1	2629.3	2640.2	2652.7
10,0°	2107.9	2109.5	2112.2	2116.0	2120.4	2125.3	2128.4	2125.6	2114.0	2094.5
12,5°	1619.8	1620.2	1621.5	1625.7	1629.5	1628.3	1618.4	1596.2	1559.9	1510.7
15,0°	1224.6	1219.4	1207.9	1198.3	1190.3	1179.3	1163.7	1143.8	1118.0	1080.5
17,5°	880.2	874.3	859.2	841.9	824.0	805.9	790.4	778.4	767.7	753.6
20,0°	597.6	595.5	588.3	576.3	562.3	551.8	546.5	543.1	541.0	538.7
22,5°	373.2	375.6	378.4	377.3	374.6	376.0	380.5	385.0	389.2	395.5
25,0°	246.2	250.2	256.7	260.2	263.8	271.9	280.4	286.4	293.4	306.4
27,5°	178.2	181.9	187.3	190.2	195.6	204.6	211.7	218.2	228.9	242.0
30,0°	140.2	142.8	145.9	147.7	153.1	159.7	164.5	172.8	183.9	192.5
32,5°	113.7	115.4	117.0	118.7	123.3	127.7	132.5	141.1	149.2	154.1
35,0°	95.3	96.2	97.5	99.3	102.4	105.4	110.2	117.6	122.9	126.8
37,5°	83.6	84.2	85.5	87.3	89.2	91.5	95.9	101.8	105.5	109.2
40,0°	75.7	76.1	77.2	78.8	80.2	81.9	85.6	89.7	92.4	96.5
42,5°	71.1	71.3	72.3	73.5	74.4	75.8	78.4	80.9	83.2	87.3
45,0°	67.8	68.0	68.9	69.9	70.4	71.6	73.2	74.4	76.2	79.5
47,5°	65.3	65.5	66.2	66.7	67.4	68.5	69.2	69.8	71.2	73.3
50,0°	64.6	64.6	64.6	64.2	64.2	65.0	65.6	65.7	66.3	67.7
52,5°	63.2	63.4	63.3	62.5	61.9	61.9	61.6	61.6	62.0	63.1
55,0°	59.2	59.4	59.9	59.7	59.5	59.3	58.1	58.0	58.2	59.3
57,5°	54.2	54.5	55.1	55.6	56.1	56.1	55.1	54.4	54.5	55.4
60,0°	49.4	49.6	50.0	50.7	51.8	52.2	51.8	51.1	50.9	51.7
62,5°	45.3	45.3	45.5	46.0	46.8	47.8	48.2	47.7	47.2	48.0
65,0°	41.5	41.5	41.6	41.9	42.3	43.3	44.4	44.6	43.9	44.1
67,5°	38.2	38.1	38.1	38.1	38.1	38.5	39.8	41.3	41.4	41.2
70,0°	35.5	35.5	35.3	34.9	34.4	34.3	35.0	36.8	38.4	38.8
72,5°	32.1	32.2	32.1	31.7	30.8	30.4	30.4	31.5	34.0	35.4
75,0°	27.2	27.3	27.4	27.2	26.6	26.2	25.8	26.1	28.4	30.0
77,5°	21.2	21.4	21.5	21.4	21.4	21.0	20.4	19.8	21.3	23.3
80,0°	14.3	14.4	14.5	14.5	14.7	14.5	13.9	13.4	14.4	15.2
82,5°	8.3	8.3	8.3	8.5	8.6	8.2	8.1	7.5	7.9	8.3
85,0°	3.5	3.5	3.5	3.5	3.5	3.4	3.2	3.1	2.9	3.0
87,5°	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Floodlight FL11	Order number: 5XA779128O01AA EAN: 4058352882436	LP number 59260_13
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-zone	Total Phi-zone	
	130°	125°	120°	115°	110°	105°	100°	95°				
	230°	235°	240°	245°	250°	255°	260°	265°	270°			
	310°	305°	300°	295°	290°	285°	280°	275°				
γ	Luminous intensity in cd/klm										Luminous flux in lm/klm	
0,0°	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	3115.8	4.7	4.7
2,5°	3142.9	3149.7	3156.1	3162.5	3168.6	3173.2	3176.8	3178.3	3182.8	3182.8	37.5	42.2
5,0°	3054.4	3072.9	3091.4	3110.0	3127.9	3143.4	3155.2	3161.7	3176.8	3176.8	73.0	115.1
7,5°	2665.1	2678.3	2692.2	2707.8	2723.9	2739.7	2753.1	2760.6	2768.0	2768.0	95.4	210.6
10,0°	2069.5	2043.0	2020.0	2003.9	1994.9	1992.4	1993.2	1995.2	2028.9	2028.9	98.4	309.0
12,5°	1452.4	1392.8	1338.3	1295.3	1266.5	1253.2	1253.1	1258.3	1262.8	1262.8	86.9	395.9
15,0°	1030.1	973.2	919.3	875.8	846.5	834.2	835.7	843.2	859.1	859.1	73.7	469.6
17,5°	731.9	703.8	674.0	649.3	636.2	633.2	635.8	639.8	631.4	631.4	61.2	530.8
20,0°	537.5	539.7	541.5	539.8	537.6	537.6	538.4	538.2	541.2	541.2	51.7	582.5
22,5°	409.7	433.6	456.0	464.6	463.2	460.5	458.8	457.0	452.9	452.9	43.4	625.9
25,0°	325.8	349.8	371.2	382.0	386.1	389.3	392.1	393.7	396.2	396.2	37.2	663.1
27,5°	254.8	268.7	285.2	303.7	320.0	330.4	337.0	340.6	338.4	338.4	32.1	695.2
30,0°	199.6	211.1	228.6	250.4	267.2	274.1	276.0	275.6	276.3	276.3	27.8	723.0
32,5°	161.1	173.3	189.7	206.2	215.9	219.7	221.4	222.0	221.5	221.5	24.2	747.2
35,0°	134.1	145.2	156.9	164.8	169.6	175.7	180.9	184.2	186.1	186.1	21.2	768.4
37,5°	116.4	125.0	131.1	134.6	139.8	147.5	153.6	157.9	159.6	159.6	19.3	787.7
40,0°	102.8	108.6	112.1	115.5	121.9	129.3	135.1	139.3	140.5	140.5	17.9	805.6
42,5°	92.5	96.5	99.2	103.3	109.3	114.7	119.7	123.3	123.5	123.5	17.0	822.6
45,0°	83.4	86.2	88.8	92.5	96.7	100.5	104.8	107.3	107.6	107.6	16.2	838.8
47,5°	75.9	77.9	80.3	83.5	86.7	90.1	94.1	96.1	96.0	96.0	15.5	854.3
50,0°	69.6	71.5	73.6	76.3	79.4	82.6	86.2	87.7	87.7	87.7	15.1	869.3
52,5°	64.7	66.0	68.4	71.1	73.9	76.7	80.2	81.5	81.3	81.3	14.7	884.0
55,0°	60.5	61.9	64.4	67.1	69.4	71.8	75.1	76.3	76.0	76.0	14.3	898.3
57,5°	56.5	58.0	60.4	63.2	65.0	66.9	69.9	71.1	70.7	70.7	13.7	912.1
60,0°	53.0	54.2	56.4	59.3	61.0	62.2	64.6	66.3	65.4	65.4	13.1	925.2
62,5°	49.5	50.4	52.4	55.5	57.4	58.1	59.6	62.2	59.4	59.4	12.4	937.6
65,0°	46.3	47.8	49.5	52.2	54.4	54.7	55.3	59.2	54.9	54.9	11.8	949.4
67,5°	43.3	46.3	47.0	48.4	50.8	50.3	50.1	54.4	48.7	48.7	11.1	960.5
70,0°	39.8	43.8	43.3	43.2	45.0	44.5	43.8	48.0	43.2	43.2	10.2	970.7
72,5°	34.8	38.4	37.5	36.6	38.1	37.8	37.0	40.3	35.7	35.7	9.0	979.8
75,0°	28.4	31.5	31.1	29.9	30.5	30.5	29.3	31.8	29.1	29.1	7.6	987.4
77,5°	22.1	23.6	22.9	21.5	21.5	21.9	20.9	22.5	20.4	20.4	5.8	993.2
80,0°	14.0	14.9	14.7	14.0	13.2	13.4	12.9	13.7	13.4	13.4	3.8	997.0
82,5°	7.5	7.7	7.6	7.0	6.7	6.9	6.7	6.9	6.8	6.8	2.1	999.1
85,0°	2.5	2.6	2.3	2.2	2.1	2.0	1.9	2.0	2.1	2.1	0.8	999.8
87,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family Floodlight FL11	Order number: 5XA779128O01AA EAN: 4058352882436	LP number 59260_13
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Dimming levels table	environmental temperature: 10°C	sITeco
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	254	193450	1481.2
95	237	183737	1380.3
90	222	174156	1290.5
85	207	164722	1202.2
80	192	154662	1113.4
75	178	145046	1030.9
70	164	135436	948.5
65	151	125920	873.4
60	138	116231	797.4
55	125	106376	722.1
50	113	97101	652.7
45	100	86794	577.4
40	88	77218	509.0
35	76	67356	440.9
30	65	58183	378.3
25	53	48060	309.4
20	42	38540	247.9
15	31	28889	186.6
10	20	19259	125.9
5	9	9222	65.8
2	3	3729	32.0

Dimming levels table	environmental temperature: 25°C
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Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W]
100	----	----	----
95	----	----	----
90	----	----	----
90	218	165925	1257.2
85	204	157401	1174.4
80	189	148267	1087.2
75	175	138851	1004.4
70	161	129862	923.0
65	147	120063	842.4
60	135	111368	772.7
55	122	101880	698.0
50	110	92892	629.1
45	97	82944	554.7
40	86	74286	492.5
35	74	64675	425.0
30	63	55758	363.2
25	52	46627	300.5
20	41	37214	239.6
15	30	27691	178.9
10	19	18128	118.9
5	9	9141	64.9
2	3	3699	31.6

Photometric test report

Family Floodlight FL11	Order number: 5XA779128O01AA EAN: 4058352882436	LP number 59260_13
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Luminousfluxs table	siteco
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Temperature °C	Luminous flux lm	Power consumption W
10.0	193450.0	1481.2
25.0	165930.0	1257.3