

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779128001AA
EAN: 4058352882436

LP-Nummer
59260_13



Ausführung Bügel gekröpft
Optik asymmetrisch strahlend RSD11
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 5700 K | CRI ≥ 80
Betriebsgerät EVG
Bemessungswerte Ta = 10 °C
 Nettolichtstrom = 193450 lm
 Systemleistung = 1481.2 W
 Lichtausbeute = 130.6 lm/W

Seriendokumentation
29.06.2023

sitEco

Lichtstärke in cd/klm

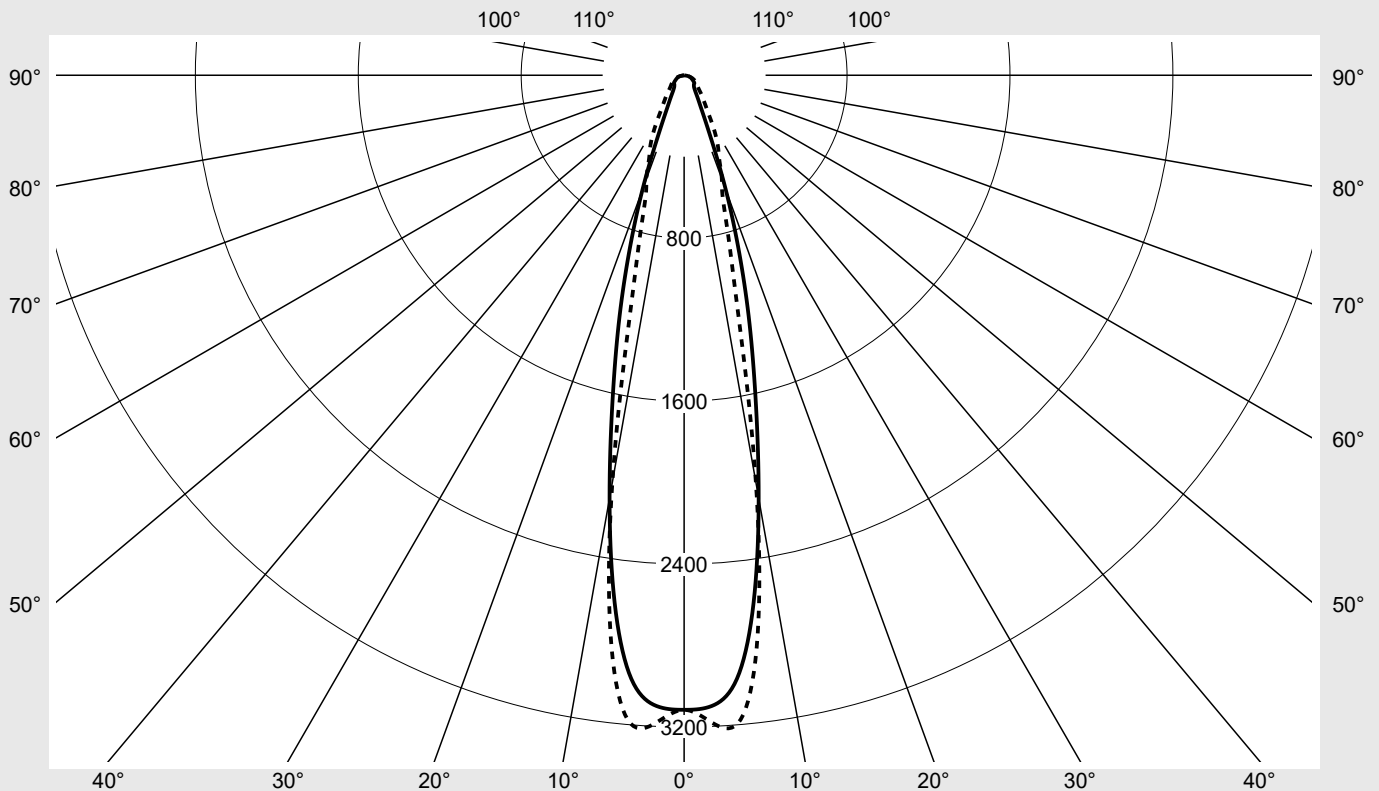
C180-0

C270-90

Imax: 3183 cd/klm

Hausseite

Straßenseite



Leuchtenbetriebswirkungsgrade

Eta 100.0%
 Eta 0° - 90° 100.0%
 Eta 90° - 180° 0.0%

Lichtstärkeklasse nach EN13201-2

Klasse: G6
 Imax 70° 48.0
 Imax 80° 15.2
 Imax 90° 0.0
 Imax >90° 0.0
 Imax >95° 0.0

Messbedingungen

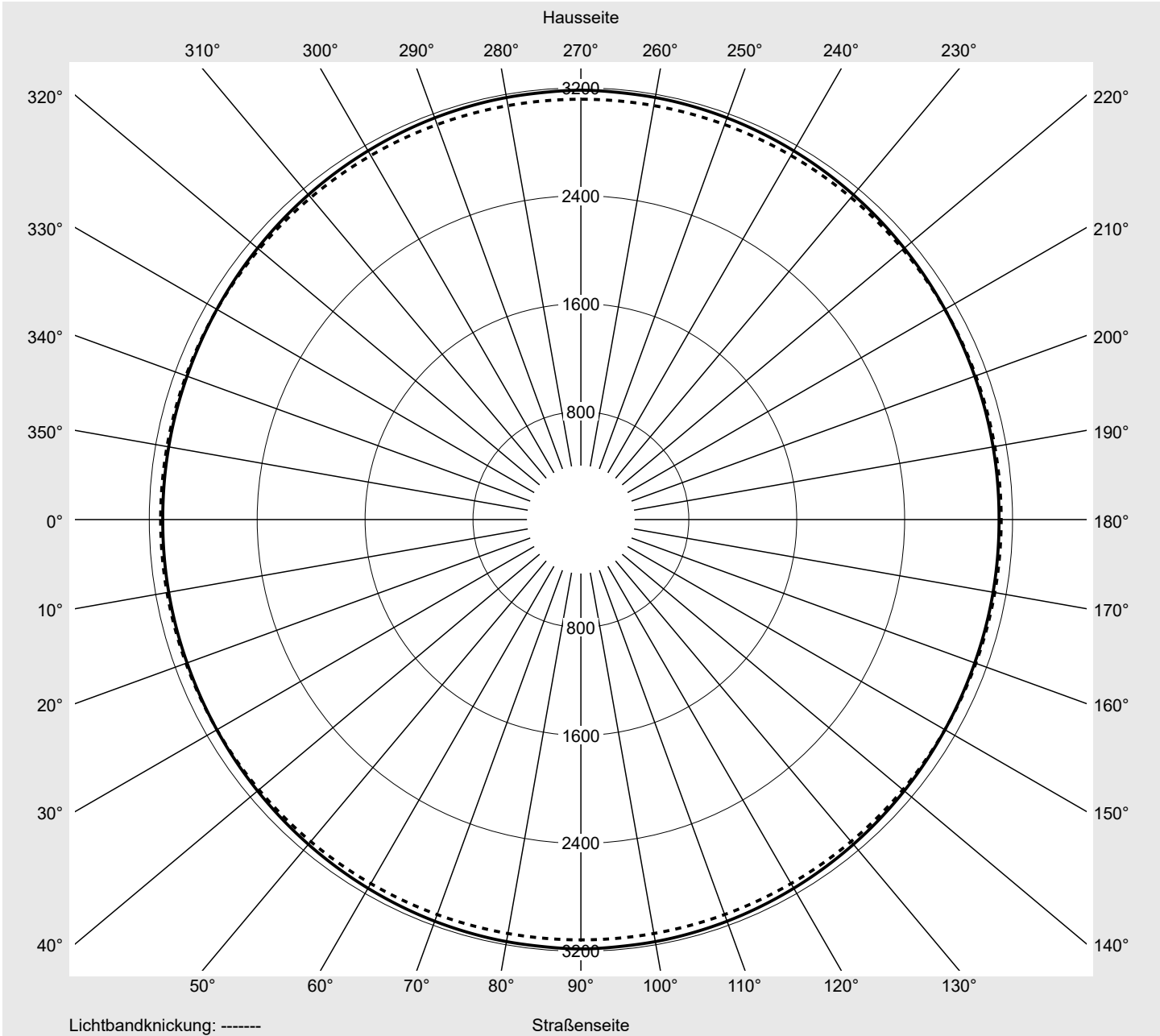
DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm KMK 2.5° KMK 0°



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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe 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	Lichtstärke in cd/klm									Lichtstrom in lm/klm	
0,0°	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	37.5	42.2
5,0°	3054.4	3072.9	3091.4	3110.0	3127.9	3143.4	3155.2	3161.7	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	95.4	210.6
10,0°	2069.5	2043.0	2020.0	2003.9	1994.9	1992.4	1993.2	1995.2	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	86.9	395.9
15,0°	1030.1	973.2	919.3	875.8	846.5	834.2	835.7	843.2	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	61.2	530.8
20,0°	537.5	539.7	541.5	539.8	537.6	537.6	538.4	538.2	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	43.4	625.9
25,0°	325.8	349.8	371.2	382.0	386.1	389.3	392.1	393.7	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	32.1	695.2
30,0°	199.6	211.1	228.6	250.4	267.2	274.1	276.0	275.6	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	24.2	747.2
35,0°	134.1	145.2	156.9	164.8	169.6	175.7	180.9	184.2	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	19.3	787.7
40,0°	102.8	108.6	112.1	115.5	121.9	129.3	135.1	139.3	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	17.0	822.6
45,0°	83.4	86.2	88.8	92.5	96.7	100.5	104.8	107.3	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	15.5	854.3
50,0°	69.6	71.5	73.6	76.3	79.4	82.6	86.2	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	14.7	884.0
55,0°	60.5	61.9	64.4	67.1	69.4	71.8	75.1	76.3	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	13.7	912.1
60,0°	53.0	54.2	56.4	59.3	61.0	62.2	64.6	66.3	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	12.4	937.6
65,0°	46.3	47.8	49.5	52.2	54.4	54.7	55.3	59.2	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	11.1	960.5
70,0°	39.8	43.8	43.3	43.2	45.0	44.5	43.8	48.0	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	9.0	979.8
75,0°	28.4	31.5	31.1	29.9	30.5	30.5	29.3	31.8	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	5.8	993.2
80,0°	14.0	14.9	14.7	14.0	13.2	13.4	12.9	13.7	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	2.1	999.1
85,0°	2.5	2.6	2.3	2.2	2.1	2.0	1.9	2.0	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	0.2	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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Dimmstufen-Tabelle		sITeco
Umgebungstemperatur: 10°C		

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [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

Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [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

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Lichtstrom-Tabelle	siteco
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	193450.0	1481.2
25.0	165930.0	1257.3