

Lichttechnischer Prüfbefund

Familie
Floodlight FL11



Bestell-Nr.: 5XA779228O01KB
EAN: 4069025141989

AusführungBügel gekröpft

Optikasymmetrisch strahlend RSD11

AbdeckungEinscheibensicherheitsglas (ESG)

BestückungLED 5700 K | CRI ≥ 80

BetriebsgerätEVG-DMX

Bemessungswerte
Nettolichtstrom = 176730 lm
Systemleistung = 1384.3 W
Lichtausbeute = 127.7 lm/W

LP-Nummer
59691_169

Seriodokumentation
12.12.2024

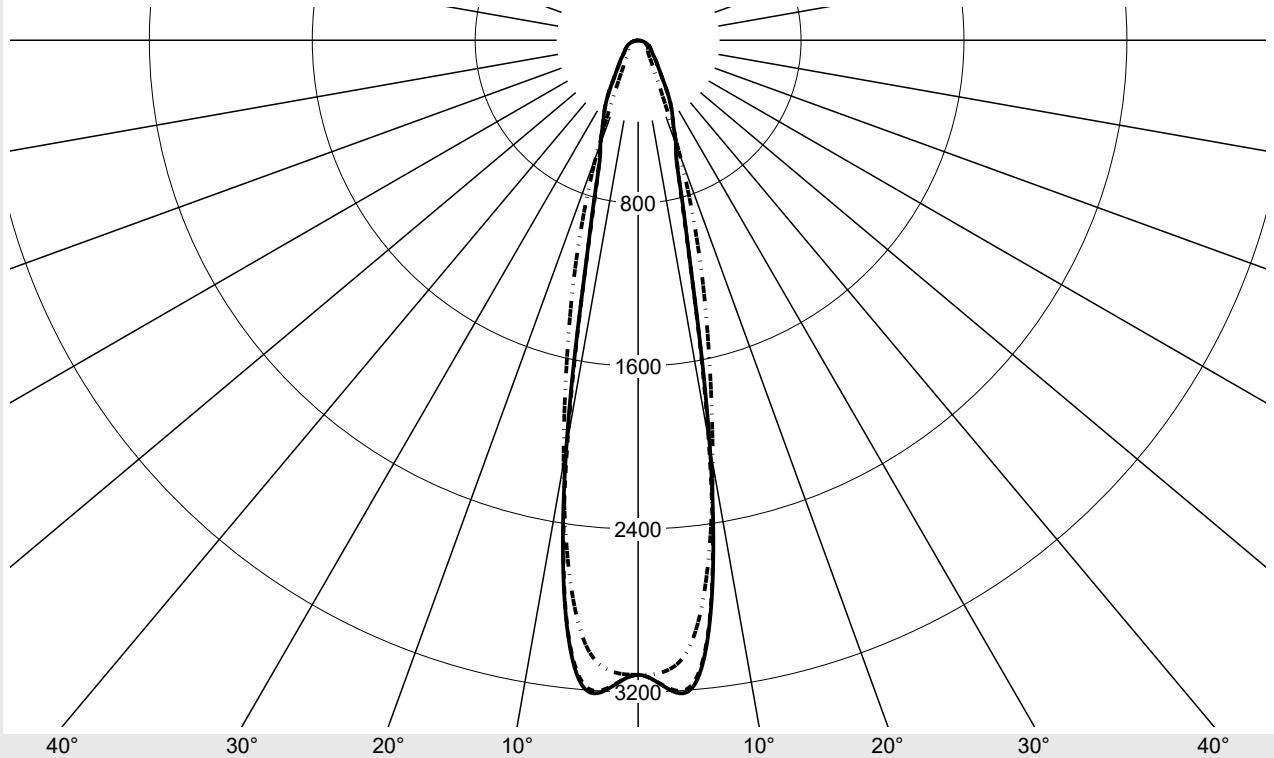
siteco

Lichtstärke in cd/klm

C180-0C185-5C270-90

Imax: 3183 cd/klm

HausseiteStraßenseite



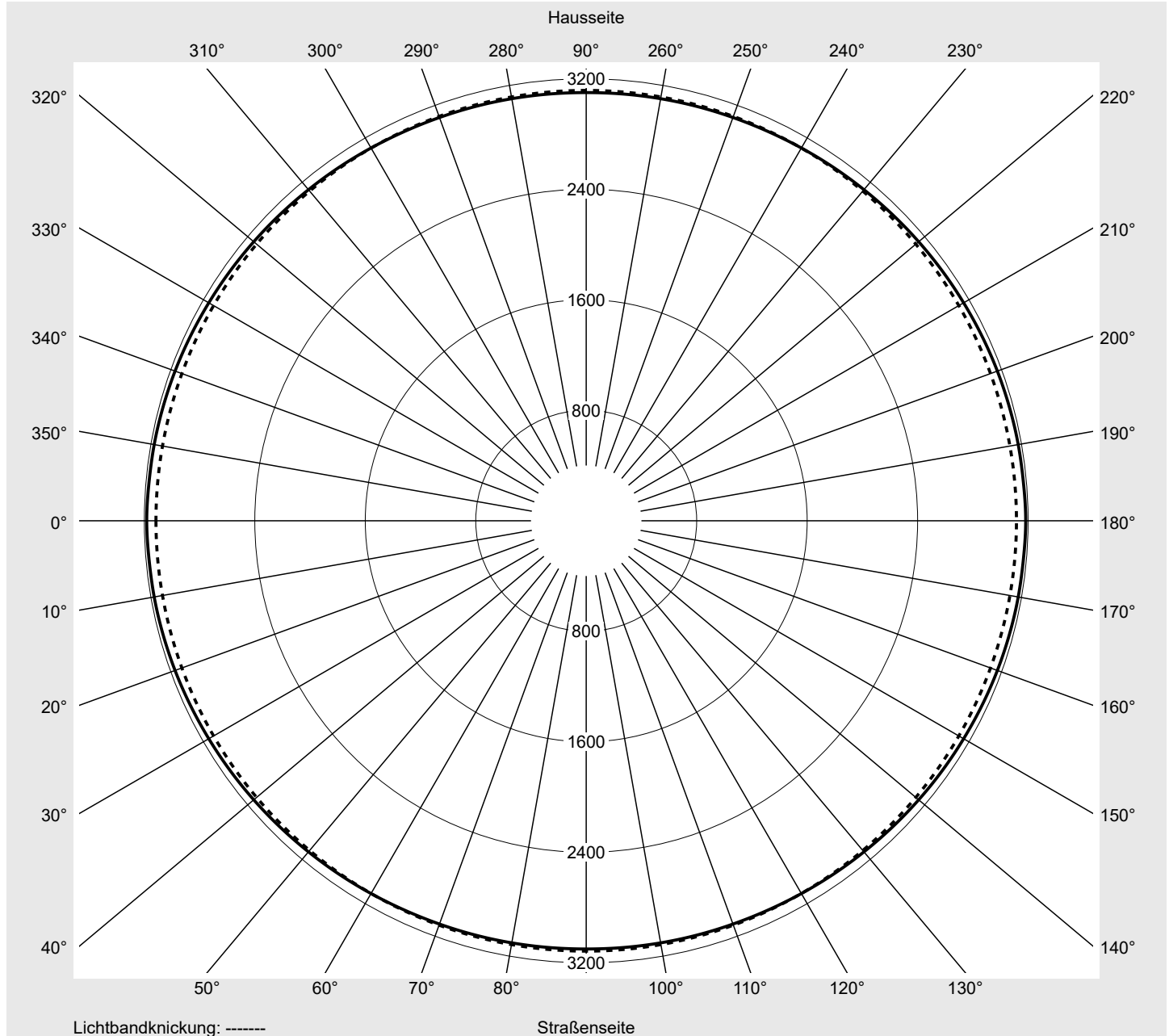
Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G6
Eta 0° - 90°	100.0%	Imax 70°	48.0
Eta 90° - 180°	0.0%	Imax 80°	15.2
		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
Messbedingungen			
DIN EN 13032 und DIN 5032			

Siteco GmbH | Georg-Simon-Ohm-Straße 50 | D-83301 Traunreut

Irrtum und Änderung vorbehalten
Toleranzen nach IEC 62722

LP 59691 | Floodlight FL11 | 5XA779228O01KB

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Lichttechnischer Prüfbefund**Familie**
Floodlight FL11**Bestell-Nr.: 5XA779228O01KB**
EAN: 4069025141989**LP-Nummer**
59691_169**Kegelmantelkurven in cd/klm****KMK 2,5°****KMK 0°****sit**eco

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779228O01KB EAN: 4069025141989								LP-Nummer 59691_169	
Wertetabelle Lichtstärkemessung												siteco	
C- Ebenen	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
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	3115.8	3115.8
2,5°	3182.8	3178.3	3176.8	3173.2	3168.6	3162.5	3156.1	3149.7	3142.9	3135.9	3129.1	3122.9	3116.4
5,0°	3176.8	3161.7	3155.2	3143.4	3127.9	3110.0	3091.4	3072.9	3054.4	3036.8	3021.3	3008.5	2997.1
7,5°	2768.0	2760.6	2753.1	2739.7	2723.9	2707.8	2692.2	2678.3	2665.1	2652.7	2640.2	2629.3	2619.1
10,0°	2028.9	1995.2	1993.2	1992.4	1994.9	2003.9	2020.0	2043.0	2069.5	2094.5	2114.0	2125.6	2128.4
12,5°	1262.8	1258.3	1253.1	1253.2	1266.5	1295.3	1338.3	1392.8	1452.4	1510.7	1559.9	1596.2	1618.4
15,0°	859.1	843.2	835.7	834.2	846.5	875.8	919.3	973.2	1030.1	1080.5	1118.0	1143.8	1163.7
17,5°	631.4	639.8	635.8	633.2	636.2	649.3	674.0	703.8	731.9	753.6	767.7	778.4	790.4
20,0°	541.2	538.2	538.4	537.6	537.6	539.8	541.5	539.7	537.5	538.7	541.0	543.1	546.5
22,5°	452.9	457.0	458.8	460.5	463.2	464.6	456.0	433.6	409.7	395.5	389.2	385.0	380.5
25,0°	396.2	393.7	392.1	389.3	386.1	382.0	371.2	349.8	325.8	306.4	293.4	286.4	280.4
27,5°	338.4	340.6	337.0	330.4	320.0	303.7	285.2	268.7	254.8	242.0	228.9	218.2	211.7
30,0°	276.3	275.6	276.0	274.1	267.2	250.4	228.6	211.1	199.6	192.5	183.9	172.8	164.5
32,5°	221.5	222.0	221.4	219.7	215.9	206.2	189.7	173.3	161.1	154.1	149.2	141.1	132.5
35,0°	186.1	184.2	180.9	175.7	169.6	164.8	156.9	145.2	134.1	126.8	122.9	117.6	110.2
37,5°	159.6	157.9	153.6	147.5	139.8	134.6	131.1	125.0	116.4	109.2	105.5	101.8	95.9
40,0°	140.5	139.3	135.1	129.3	121.9	115.5	112.1	108.6	102.8	96.5	92.4	89.7	85.6
42,5°	123.5	123.3	119.7	114.7	109.3	103.3	99.2	96.5	92.5	87.3	83.2	80.9	78.4
45,0°	107.6	107.3	104.8	100.5	96.7	92.5	88.8	86.2	83.4	79.5	76.2	74.4	73.2
47,5°	96.0	96.1	94.1	90.1	86.7	83.5	80.3	77.9	75.9	73.3	71.2	69.8	69.2
50,0°	87.7	87.7	86.2	82.6	79.4	76.3	73.6	71.5	69.6	67.7	66.3	65.7	65.6
52,5°	81.3	81.5	80.2	76.7	73.9	71.1	68.4	66.0	64.7	63.1	62.0	61.6	61.6
55,0°	76.0	76.3	75.1	71.8	69.4	67.1	64.4	61.9	60.5	59.3	58.2	58.0	58.1
57,5°	70.7	71.1	69.9	66.9	65.0	63.2	60.4	58.0	56.5	55.4	54.5	54.4	55.1
60,0°	65.4	66.3	64.6	62.2	61.0	59.3	56.4	54.2	53.0	51.7	50.9	51.1	51.8
62,5°	59.4	62.2	59.6	58.1	57.4	55.5	52.4	50.4	49.5	48.0	47.2	47.7	48.2
65,0°	54.9	59.2	55.3	54.7	54.4	52.2	49.5	47.8	46.3	44.1	43.9	44.6	44.4
67,5°	48.7	54.4	50.1	50.3	50.8	48.4	47.0	46.3	43.3	41.2	41.4	41.3	39.8
70,0°	43.2	48.0	43.8	44.5	45.0	43.2	43.3	43.8	39.8	38.8	38.4	36.8	35.0
72,5°	35.7	40.3	37.0	37.8	38.1	36.6	37.5	38.4	34.8	35.4	34.0	31.5	30.4
75,0°	29.1	31.8	29.3	30.5	30.5	29.9	31.1	31.5	28.4	30.0	28.4	26.1	25.8
77,5°	20.4	22.5	20.9	21.9	21.5	21.5	22.9	23.6	22.1	23.3	21.3	19.8	20.4
80,0°	13.4	13.7	12.9	13.4	13.2	14.0	14.7	14.9	14.0	15.2	14.4	13.4	13.9
82,5°	6.8	6.9	6.7	6.9	6.7	7.0	7.6	7.7	7.5	8.3	7.9	7.5	8.1
85,0°	2.1	2.0	1.9	2.0	2.1	2.2	2.3	2.6	2.5	3.0	2.9	3.1	3.2
87,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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	0.0	0.0

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Wertetabelle Lichtstärkemessung												siteco	
C- Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
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	3115.8	3115.8
2,5°	3110.8	3107.1	3105.1	3103.0	3101.3	3100.2	3178.3	3176.8	3173.2	3168.6	3162.5	3156.1	3149.7
5,0°	2988.5	2982.9	2980.1	2978.1	2976.3	2975.0	3161.7	3155.2	3143.4	3127.9	3110.0	3091.4	3072.9
7,5°	2612.0	2609.3	2610.6	2612.3	2613.7	2613.1	2760.6	2753.1	2739.7	2723.9	2707.8	2692.2	2678.3
10,0°	2125.3	2120.4	2116.0	2112.2	2109.5	2107.9	1995.2	1993.2	1992.4	1994.9	2003.9	2020.0	2043.0
12,5°	1628.3	1629.5	1625.7	1621.5	1620.2	1619.8	1258.3	1253.1	1253.2	1266.5	1295.3	1338.3	1392.8
15,0°	1179.3	1190.3	1198.3	1207.9	1219.4	1224.6	843.2	835.7	834.2	846.5	875.8	919.3	973.2
17,5°	805.9	824.0	841.9	859.2	874.3	880.2	639.8	635.8	633.2	636.2	649.3	674.0	703.8
20,0°	551.8	562.3	576.3	588.3	595.5	597.6	538.2	538.4	537.6	537.6	539.8	541.5	539.7
22,5°	376.0	374.6	377.3	378.4	375.6	373.2	457.0	458.8	460.5	463.2	464.6	456.0	433.6
25,0°	271.9	263.8	260.2	256.7	250.2	246.2	393.7	392.1	389.3	386.1	382.0	371.2	349.8
27,5°	204.6	195.6	190.2	187.3	181.9	178.2	340.6	337.0	330.4	320.0	303.7	285.2	268.7
30,0°	159.7	153.1	147.7	145.9	142.8	140.2	275.6	276.0	274.1	267.2	250.4	228.6	211.1
32,5°	127.7	123.3	118.7	117.0	115.4	113.7	222.0	221.4	219.7	215.9	206.2	189.7	173.3
35,0°	105.4	102.4	99.3	97.5	96.2	95.3	184.2	180.9	175.7	169.6	164.8	156.9	145.2
37,5°	91.5	89.2	87.3	85.5	84.2	83.6	157.9	153.6	147.5	139.8	134.6	131.1	125.0
40,0°	81.9	80.2	78.8	77.2	76.1	75.7	139.3	135.1	129.3	121.9	115.5	112.1	108.6
42,5°	75.8	74.4	73.5	72.3	71.3	71.1	123.3	119.7	114.7	109.3	103.3	99.2	96.5
45,0°	71.6	70.4	69.9	68.9	68.0	67.8	107.3	104.8	100.5	96.7	92.5	88.8	86.2
47,5°	68.5	67.4	66.7	66.2	65.5	65.3	96.1	94.1	90.1	86.7	83.5	80.3	77.9
50,0°	65.0	64.2	64.2	64.6	64.6	64.6	87.7	86.2	82.6	79.4	76.3	73.6	71.5
52,5°	61.9	61.9	62.5	63.3	63.4	63.2	81.5	80.2	76.7	73.9	71.1	68.4	66.0
55,0°	59.3	59.5	59.7	59.9	59.4	59.2	76.3	75.1	71.8	69.4	67.1	64.4	61.9
57,5°	56.1	56.1	55.6	55.1	54.5	54.2	71.1	69.9	66.9	65.0	63.2	60.4	58.0
60,0°	52.2	51.8	50.7	50.0	49.6	49.4	66.3	64.6	62.2	61.0	59.3	56.4	54.2
62,5°	47.8	46.8	46.0	45.5	45.3	45.3	62.2	59.6	58.1	57.4	55.5	52.4	50.4
65,0°	43.3	42.3	41.9	41.6	41.5	41.5	59.2	55.3	54.7	54.4	52.2	49.5	47.8
67,5°	38.5	38.1	38.1	38.1	38.1	38.2	54.4	50.1	50.3	50.8	48.4	47.0	46.3
70,0°	34.3	34.4	34.9	35.3	35.5	35.5	48.0	43.8	44.5	45.0	43.2	43.3	43.8
72,5°	30.4	30.8	31.7	32.1	32.2	32.1	40.3	37.0	37.8	38.1	36.6	37.5	38.4
75,0°	26.2	26.6	27.2	27.4	27.3	27.2	31.8	29.3	30.5	30.5	29.9	31.1	31.5
77,5°	21.0	21.4	21.4	21.5	21.4	21.2	22.5	20.9	21.9	21.5	21.5	22.9	23.6
80,0°	14.5	14.7	14.5	14.5	14.4	14.3	13.7	12.9	13.4	13.2	14.0	14.7	14.9
82,5°	8.2	8.6	8.5	8.3	8.3	8.3	6.9	6.7	6.9	6.7	7.0	7.6	7.7
85,0°	3.4	3.5	3.5	3.5	3.5	3.5	2.0	1.9	2.0	2.1	2.2	2.3	2.6
87,5°	0.7	0.8	0.8	0.8	0.9	0.9	0.6	0.6	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	0.0	0.0

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Wertetabelle Lichtstärkemessung												siteco	
C- Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
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	3115.8	3115.8	4.7	4.7
2,5°	3142.9	3135.9	3129.1	3122.9	3116.4	3110.8	3107.1	3105.1	3103.0	3101.3	3100.2	37.5	42.2
5,0°	3054.4	3036.8	3021.3	3008.5	2997.1	2988.5	2982.9	2980.1	2978.1	2976.3	2975.0	73.0	115.1
7,5°	2665.1	2652.7	2640.2	2629.3	2619.1	2612.0	2609.3	2610.6	2612.3	2613.7	2613.1	95.4	210.6
10,0°	2069.5	2094.5	2114.0	2125.6	2128.4	2125.3	2120.4	2116.0	2112.2	2109.5	2107.9	98.4	309.0
12,5°	1452.4	1510.7	1559.9	1596.2	1618.4	1628.3	1629.5	1625.7	1621.5	1620.2	1619.8	86.9	395.9
15,0°	1030.1	1080.5	1118.0	1143.8	1163.7	1179.3	1190.3	1198.3	1207.9	1219.4	1224.6	73.7	469.6
17,5°	731.9	753.6	767.7	778.4	790.4	805.9	824.0	841.9	859.2	874.3	880.2	61.2	530.8
20,0°	537.5	538.7	541.0	543.1	546.5	551.8	562.3	576.3	588.3	595.5	597.6	51.7	582.5
22,5°	409.7	395.5	389.2	385.0	380.5	376.0	374.6	377.3	378.4	375.6	373.2	43.4	625.9
25,0°	325.8	306.4	293.4	286.4	280.4	271.9	263.8	260.2	256.7	250.2	246.2	37.2	663.1
27,5°	254.8	242.0	228.9	218.2	211.7	204.6	195.6	190.2	187.3	181.9	178.2	32.1	695.2
30,0°	199.6	192.5	183.9	172.8	164.5	159.7	153.1	147.7	145.9	142.8	140.2	27.8	723.0
32,5°	161.1	154.1	149.2	141.1	132.5	127.7	123.3	118.7	117.0	115.4	113.7	24.2	747.2
35,0°	134.1	126.8	122.9	117.6	110.2	105.4	102.4	99.3	97.5	96.2	95.3	21.2	768.4
37,5°	116.4	109.2	105.5	101.8	95.9	91.5	89.2	87.3	85.5	84.2	83.6	19.3	787.7
40,0°	102.8	96.5	92.4	89.7	85.6	81.9	80.2	78.8	77.2	76.1	75.7	17.9	805.6
42,5°	92.5	87.3	83.2	80.9	78.4	75.8	74.4	73.5	72.3	71.3	71.1	17.0	822.6
45,0°	83.4	79.5	76.2	74.4	73.2	71.6	70.4	69.9	68.9	68.0	67.8	16.2	838.8
47,5°	75.9	73.3	71.2	69.8	69.2	68.5	67.4	66.7	66.2	65.5	65.3	15.5	854.3
50,0°	69.6	67.7	66.3	65.7	65.6	65.0	64.2	64.2	64.6	64.6	64.6	15.1	869.3
52,5°	64.7	63.1	62.0	61.6	61.6	61.9	61.9	62.5	63.3	63.4	63.2	14.7	884.0
55,0°	60.5	59.3	58.2	58.0	58.1	59.3	59.5	59.7	59.9	59.4	59.2	14.3	898.3
57,5°	56.5	55.4	54.5	54.4	55.1	56.1	56.1	55.6	55.1	54.5	54.2	13.7	912.1
60,0°	53.0	51.7	50.9	51.1	51.8	52.2	51.8	50.7	50.0	49.6	49.4	13.1	925.2
62,5°	49.5	48.0	47.2	47.7	48.2	47.8	46.8	46.0	45.5	45.3	45.3	12.4	937.6
65,0°	46.3	44.1	43.9	44.6	44.4	43.3	42.3	41.9	41.6	41.5	41.5	11.8	949.4
67,5°	43.3	41.2	41.4	41.3	39.8	38.5	38.1	38.1	38.1	38.1	38.2	11.1	960.5
70,0°	39.8	38.8	38.4	36.8	35.0	34.3	34.4	34.9	35.3	35.5	35.5	10.2	970.7
72,5°	34.8	35.4	34.0	31.5	30.4	30.4	30.8	31.7	32.1	32.2	32.1	9.0	979.8
75,0°	28.4	30.0	28.4	26.1	25.8	26.2	26.6	27.2	27.4	27.3	27.2	7.6	987.4
77,5°	22.1	23.3	21.3	19.8	20.4	21.0	21.4	21.4	21.5	21.4	21.2	5.8	993.2
80,0°	14.0	15.2	14.4	13.4	13.9	14.5	14.7	14.5	14.5	14.4	14.3	3.8	997.0
82,5°	7.5	8.3	7.9	7.5	8.1	8.2	8.6	8.5	8.3	8.3	8.3	2.1	999.1
85,0°	2.5	3.0	2.9	3.1	3.2	3.4	3.5	3.5	3.5	3.5	3.5	0.8	999.8
87,5°	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.9	0.9	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	0.0	1000.0

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Familie Floodlight FL11	Bestell-Nr.: 5XA779228O01KB EAN: 4069025141989	LP-Nummer 59691_169
Dimmstufen-Tabelle Umgebungstemperatur: 25°C		sit eco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	239	167971	1295.8
90	223	158791	1208.1
85	208	150055	1125.9
80	194	141675	1049.5
75	179	132362	968.4
70	165	123475	892.5
65	152	114955	822.7
60	139	106317	753.0
55	126	97362	683.4
50	113	88203	614.6
45	101	79658	550.9
40	89	70838	487.8
35	77	61648	424.9
30	66	53305	366.4
25	54	43978	304.9
20	43	35454	248.9
15	32	26543	194.3
10	21	17618	130.2
5	10	8727	69.6
1	3	2446	30.3