

Lichttechnischer Prüfbefund

Familie
Floodlight FL11



Bestell-Nr.: 5XA779728O01AB
EAN: 4069025145185

AusführungBügel gekröpft

Optikasymmetrisch strahlend RSD11

AbdeckungEinscheibensicherheitsglas (ESG)

BestückungLED 5700 K | CRI ≥ 80

BetriebsgerätEVG-DMX

BemessungswerteTa = 0 °C
Nettolichtstrom = 233990 lm
Systemleistung = 1931.4 W
Lichtausbeute = 121.2 lm/W

LP-Nummer
59691_220

Seriodokumentation
19.12.2024

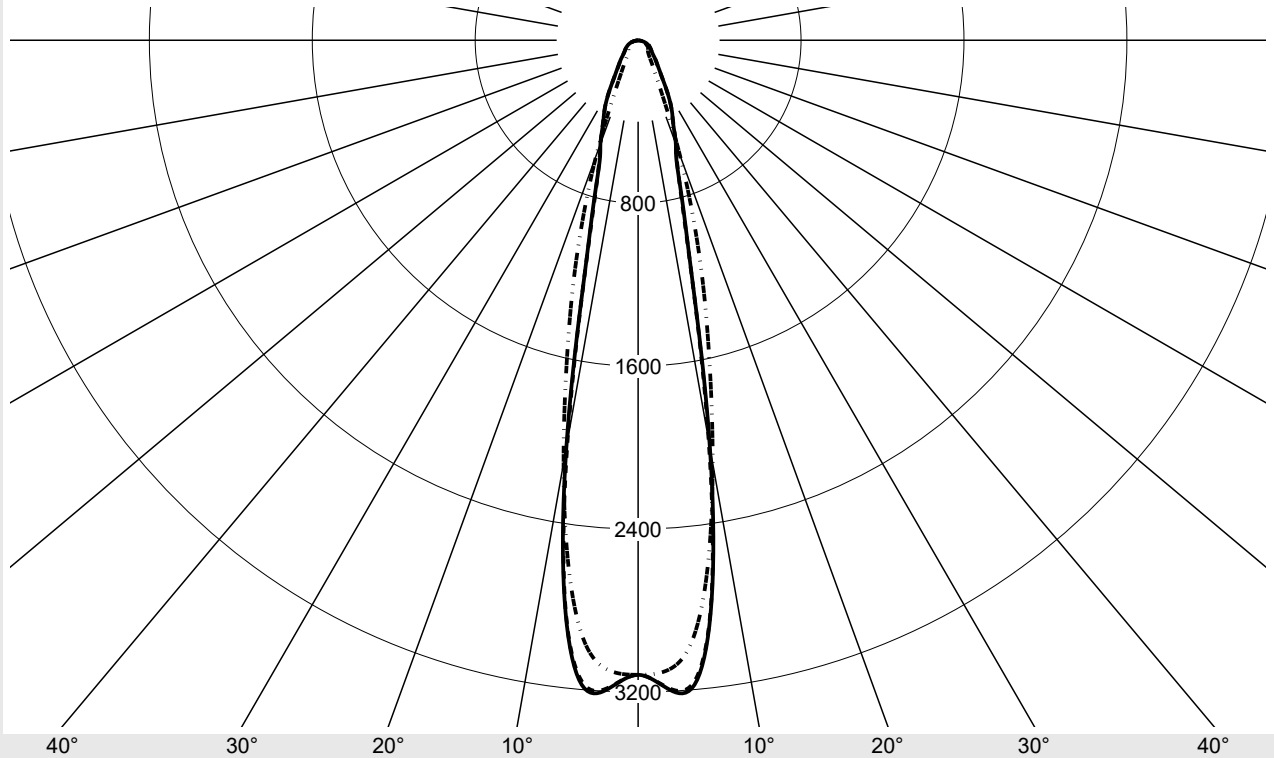
siteco

Lichtstärke in cd/klm

C180-0C185-5C270-90

Imax: 3183 cd/klm

HausseiteStraßenseite



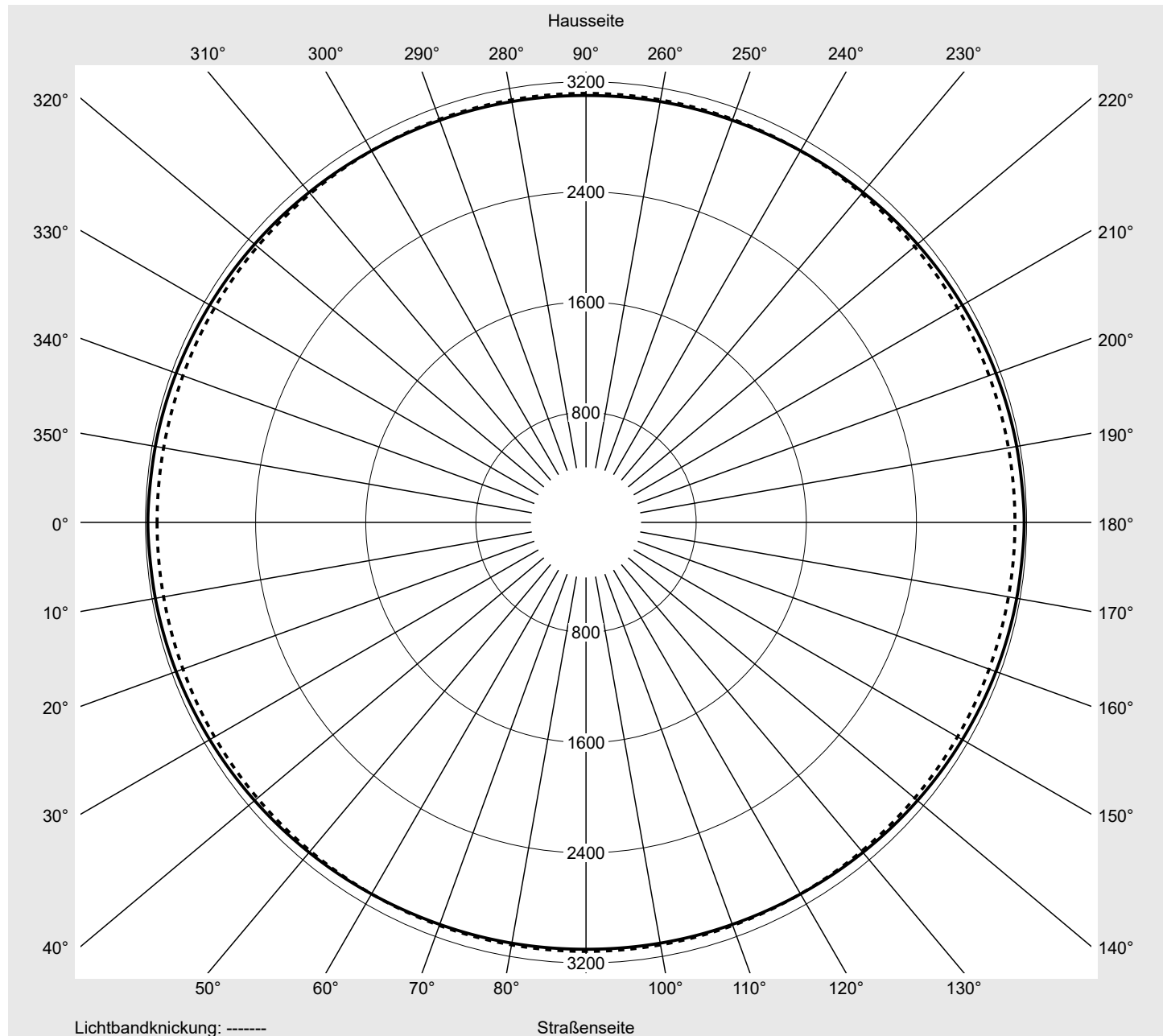
Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G6
Eta 0° - 90°	100.0%	Imax 70°	48.0
Eta 90° - 180°	0.0%	Imax 80°	15.2
		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
Messbedingungen			
DIN EN 13032 und DIN 5032			

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

Irrtum und Änderung vorbehalten
Toleranzen nach IEC 62722

LP 59691 | Floodlight FL11 | 5XA779728O01AB

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Lichttechnischer Prüfbefund**Familie**
Floodlight FL11**Bestell-Nr.: 5XA779728001AB**
EAN: 4069025145185**LP-Nummer**
59691_220**Kegelmantelkurven in cd/klm****KMK 2,5°****KMK 0°****sit**eco

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779728O01AB EAN: 4069025145185								LP-Nummer 59691_220	
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	
Maximale Lichtstärke													
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

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779728O01AB EAN: 4069025145185								LP-Nummer 59691_220	
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.: 5XA779728O01AB EAN: 4069025145185	LP-Nummer 59691_220
Dimmstufen-Tabelle Umgebungstemperatur: 0°C		siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	238	222649	1799.4
90	221	210600	1666.5
85	205	198607	1543.0
80	190	186838	1427.8
75	176	175501	1320.8
70	162	163676	1215.1
65	148	151739	1109.2
60	135	140144	1012.2
55	123	129138	922.2
50	110	116864	825.6
45	98	105241	736.9
40	86	93346	648.2
35	75	82211	567.4
30	63	69790	480.2
25	52	58009	400.4
20	42	47224	327.4
15	31	35257	250.0
10	20	22870	173.6
5	10	11676	92.6
1	2	2210	29.3

Dimmstufen-Tabelle Umgebungstemperatur: 25°C	
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	----	----	----
90	----	----	----
85	----	----	----
80	----	----	----
80	----	----	----
75	172	165864	1275.1
70	158	154814	1169.7
65	144	143606	1065.3
60	131	132443	969.0
55	119	122015	880.2
50	107	111161	792.2
45	95	100010	704.3
40	83	88548	617.2
35	72	77757	537.5
30	61	66690	458.5
25	50	55093	379.7
20	40	44542	308.3
15	29	32909	232.3
10	19	21683	162.2
5	9	10521	83.0
1	2	2209	28.8

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779728O01AB EAN: 4069025145185	LP-Nummer 59691_220
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	233990.0	1931.4
25.0	176400.0	1380.5