

Lichttechnischer Prüfbefund

Familie
Floodlight FL11



Bestell-Nr.: 5XA779626O01AB
EAN: 4069025143280

AusführungBügel gekröpft

Optikasymmetrisch strahlend RSD11

AbdeckungEinscheibensicherheitsglas (ESG)

BestückungLED 4000 K | CRI ≥ 70

BetriebsgerätEVG-DALI

BemessungswerteTa = 0 °C
Nettolichtstrom = 251420 lm
Systemleistung = 1931.5 W
Lichtausbeute = 130.2 lm/W

LP-Nummer
59691_219

Seriodokumentation
19.12.2024

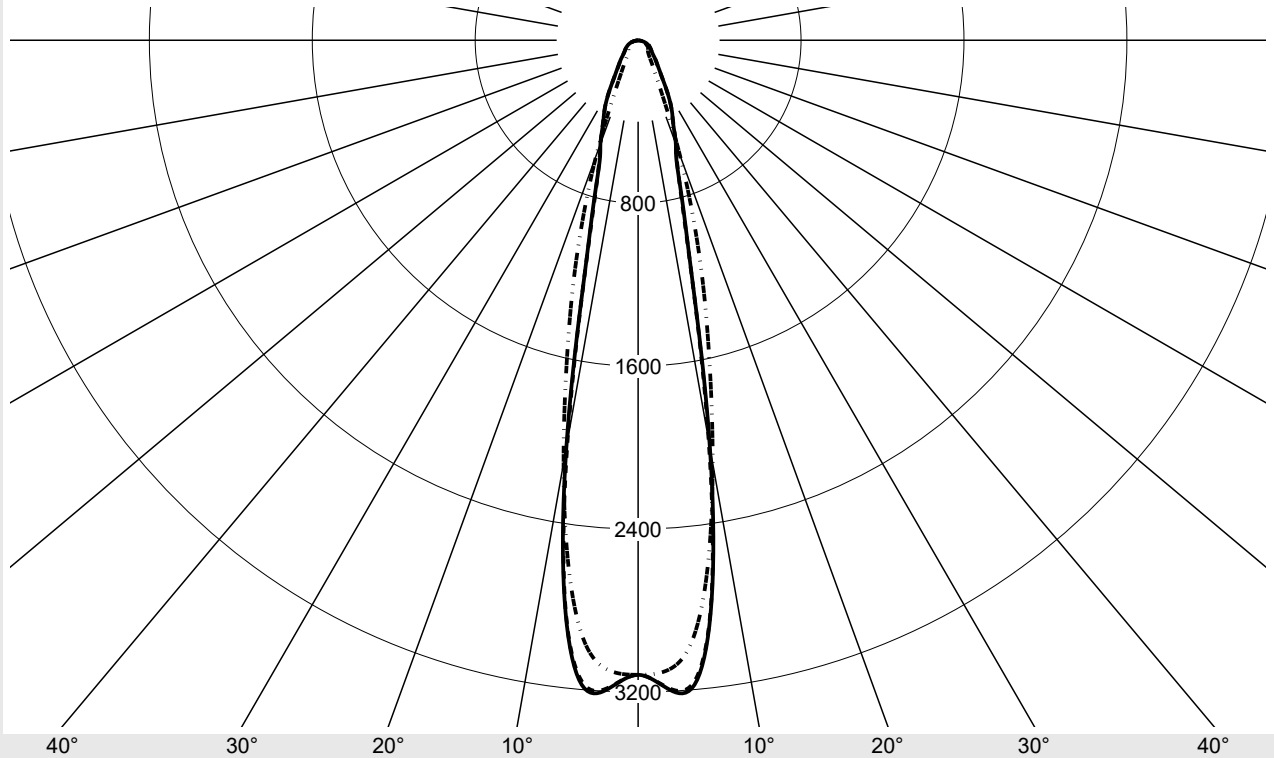
siteco

Lichtstärke in cd/klm

C180-0C185-5C270-90

Imax: 3183 cd/klm

HausseiteStraßenseite



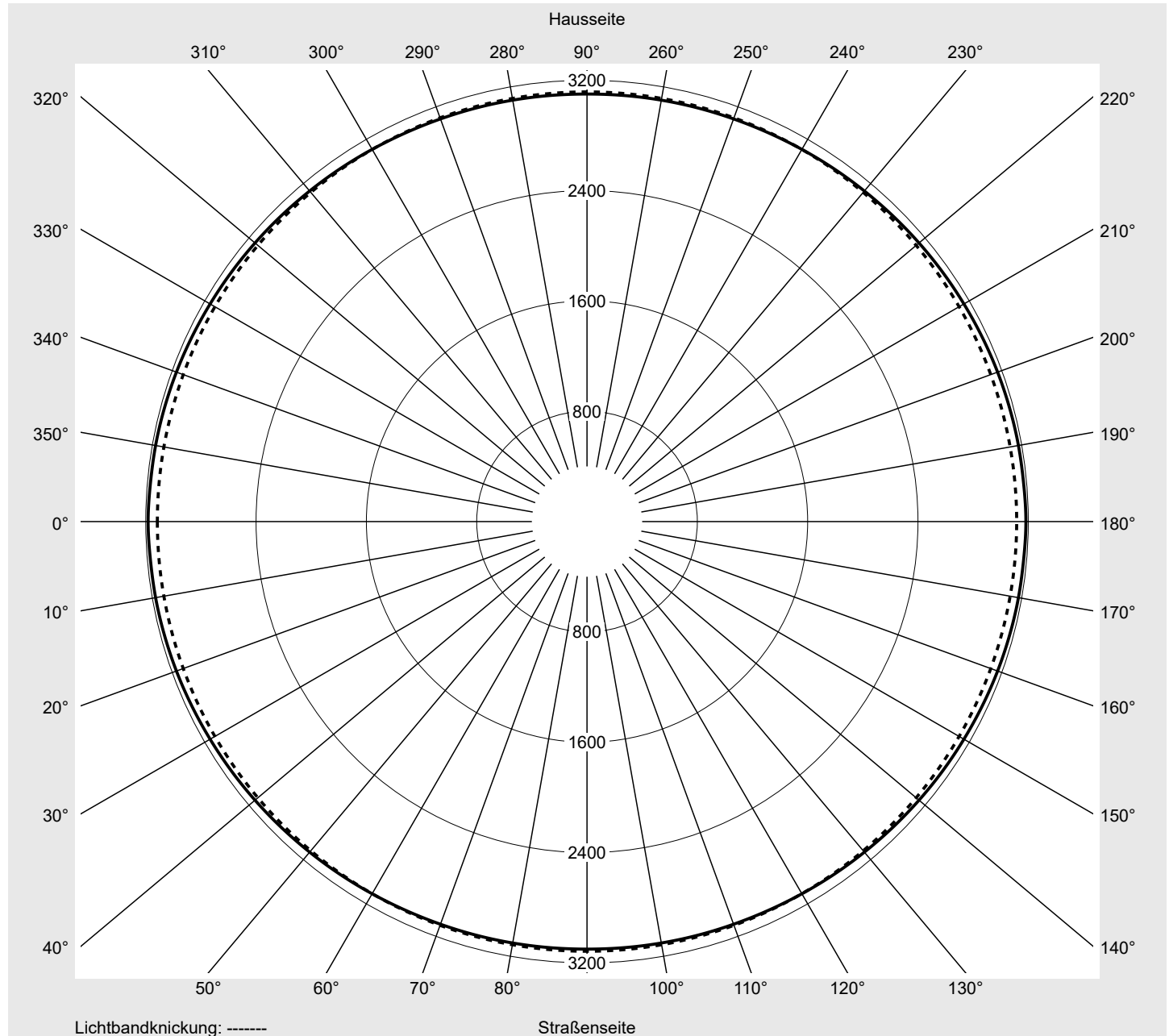
Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G6
Eta 0° - 90°	100.0%	Imax 70°	48.0
Eta 90° - 180°	0.0%	Imax 80°	15.2
		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
Messbedingungen			
DIN EN 13032 und DIN 5032			

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

Irrtum und Änderung vorbehalten
Toleranzen nach IEC 62722

LP 59691 | Floodlight FL11 | 5XA779626O01AB

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Lichttechnischer Prüfbefund**Familie**
Floodlight FL11**Bestell-Nr.: 5XA779626O01AB**
EAN: 4069025143280**LP-Nummer**
59691_219**Kegelmantelkurven in cd/klm****KMK 2,5°****KMK 0°****sit**eco

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779626O01AB EAN: 4069025143280								LP-Nummer 59691_219	
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.: 5XA779626O01AB EAN: 4069025143280	LP-Nummer 59691_219
Dimmstufen-Tabelle Umgebungstemperatur: 0°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	237	251	239171	1799.0
90	220	249	226163	1665.6
85	205	246	214035	1549.4
80	190	243	201327	1433.5
75	175	240	188251	1318.5
70	162	238	176408	1220.0
65	148	234	163505	1113.7
60	135	231	151040	1016.4
55	122	227	138151	918.3
50	110	223	125947	828.8
45	98	219	113421	739.8
40	86	214	100603	650.7
35	74	209	87537	562.2
30	63	203	75224	482.0
25	52	196	62508	401.8
20	41	187	49710	321.4
15	31	177	37984	250.8
10	20	161	24640	174.1
5	10	136	12580	93.0
1	2	77	2382	29.4

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
80	----	----	----	----
80	----	----	----	----
75	172	240	178795	1280.4
70	158	237	166871	1174.4
65	144	233	154772	1069.4
60	131	230	142764	972.8
55	118	226	130542	876.3
50	106	222	118842	787.9
45	94	218	106770	699.6
40	83	213	95445	619.6
35	72	208	83829	539.6
30	61	202	71864	460.2
25	50	195	59381	381.2
20	40	186	48012	309.4
15	29	175	35470	233.1
10	19	159	23362	162.8
5	9	132	11333	83.3
1	2	77	2381	28.9

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779626O01AB EAN: 4069025143280	LP-Nummer 59691_219
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	251420.0	1931.5
25.0	190980.0	1393.9