

Lichttechnischer Prüfbefund

Familie
Floodlight FL11



Bestell-Nr.: 5XA779224N01AB
EAN: 4069025141521

AusführungBügel gekröpft

Optikasymmetrisch strahlend RSD12

AbdeckungEinscheibensicherheitsglas (ESG)

BestückungLED 5700 K | CRI ≥ 90

BetriebsgerätEVG-DMX

BemessungswerteTa = 0 °C
Nettolichtstrom = 203290 lm
Systemleistung = 1901.6 W
Lichtausbeute = 106.9 lm/W

LP-Nummer
59697_56

Seriodokumentation
12.12.2024

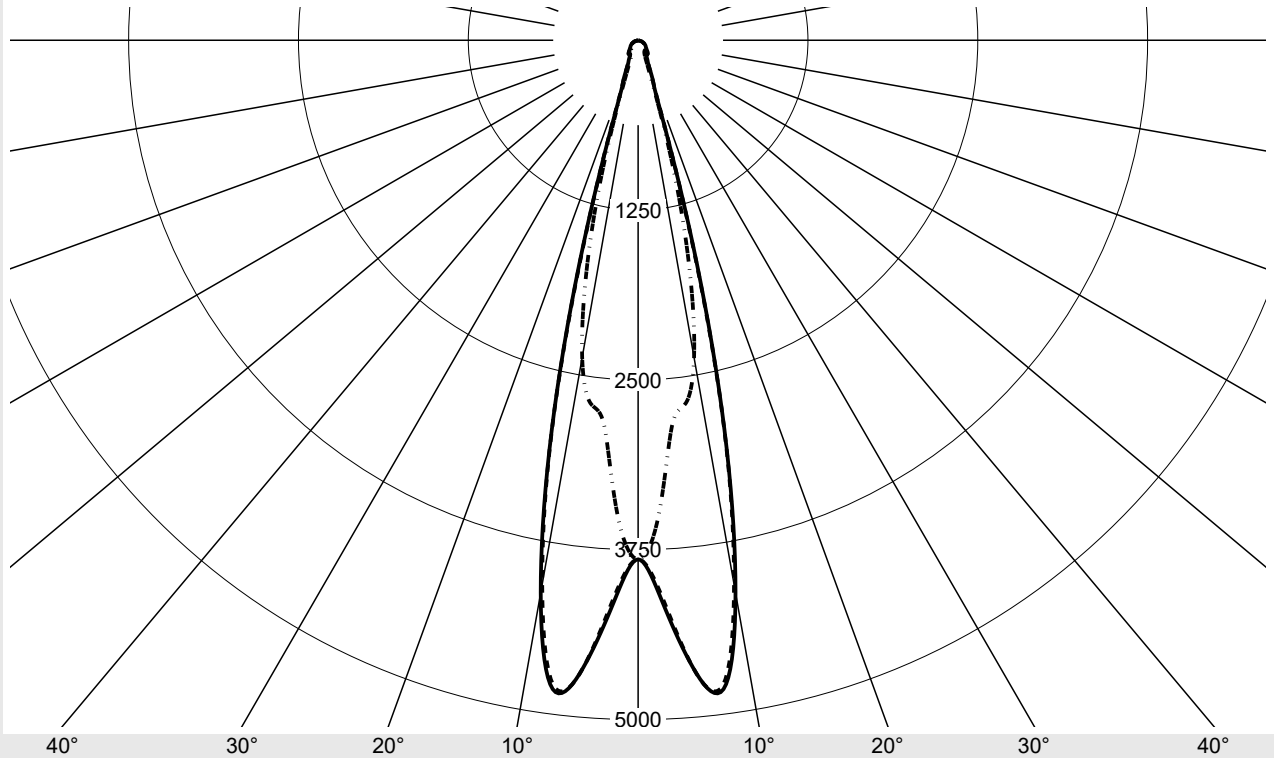
siteco

Lichtstärke in cd/klm

C180-0C185-5C270-90

Imax: 4817 cd/klm

HausseiteStraßenseite



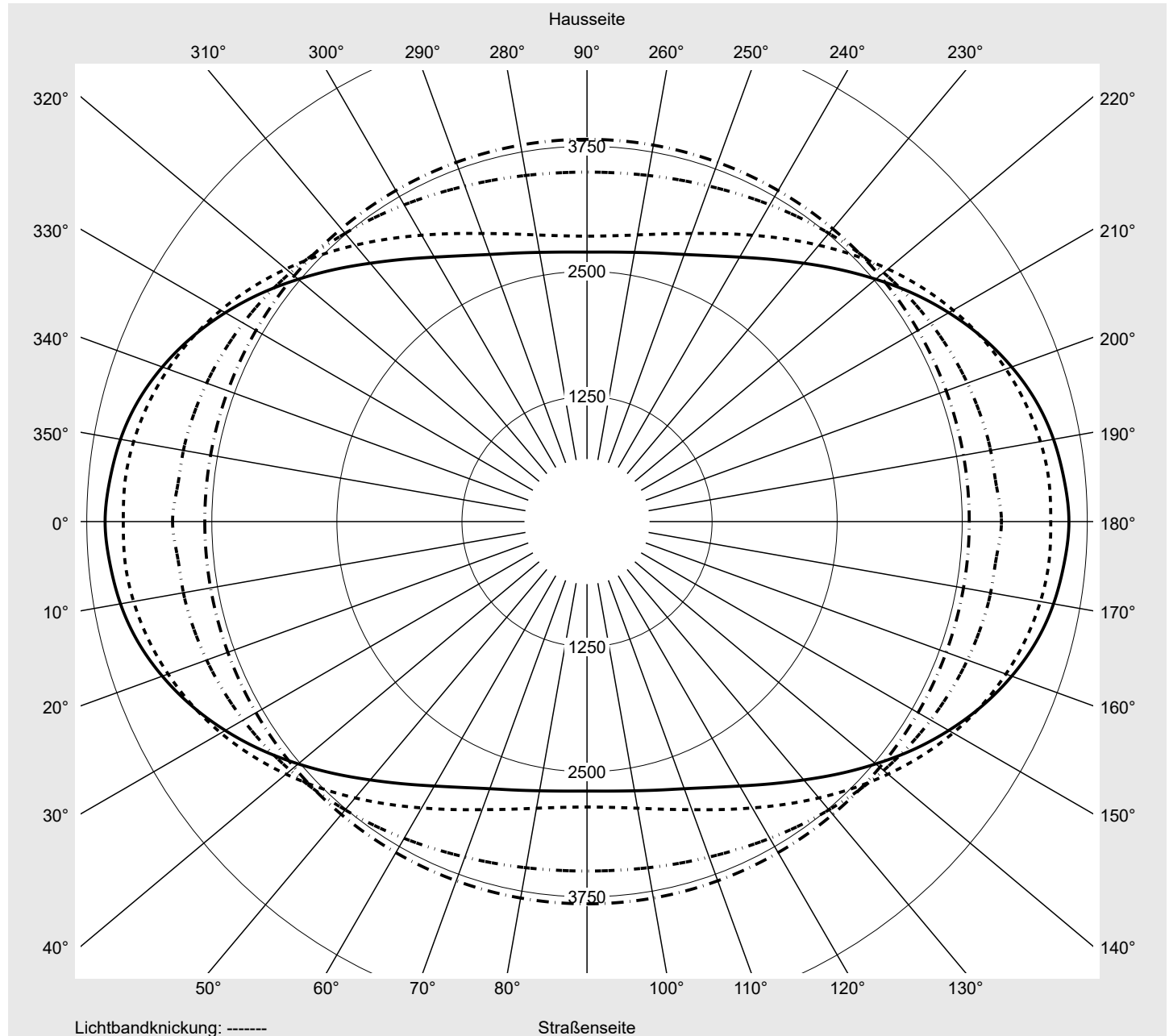
Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G6
Eta 0° - 90°	100.0%	Imax 70°	32.5
Eta 90° - 180°	0.0%	Imax 80°	9.3
		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
Messbedingungen			
DIN EN 13032 und DIN 5032			

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

Irrtum und Änderung vorbehalten
Toleranzen nach IEC 62722

LP 59697 | Floodlight FL11 | 5XA779224N01AB

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Lichttechnischer Prüfbefund**Familie**
Floodlight FL11**Bestell-Nr.: 5XA779224N01AB**
EAN: 4069025141521**LP-Nummer**
59697_56**Kegelmantelkurven in cd/klm****KMK 7,5°****KMK 5°****KMK 2,5°****KMK 0°****sit**eco

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779224N01AB EAN: 4069025141521								LP-Nummer 59697_56	
Wertetabelle Lichtstärkemessung												siteco	
Maximale Lichtstärke													
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°	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5
2,5°	4142.8	4107.4	4096.3	4075.4	4046.0	4008.8	3967.0	3920.9	3870.0	3815.7	3760.9	3707.2	3655.4
5,0°	4634.9	4634.9	4601.6	4540.2	4455.7	4350.7	4225.6	4082.7	3927.3	3766.7	3605.3	3449.8	3304.6
7,5°	4816.7	4787.3	4734.8	4646.4	4517.1	4358.4	4175.0	3976.7	3767.7	3563.9	3370.4	3199.8	3051.8
10,0°	4127.9	4065.4	4008.4	3904.2	3750.1	3559.5	3351.6	3136.3	2936.3	2769.0	2633.8	2534.2	2466.2
12,5°	2935.1	2925.6	2897.6	2816.0	2656.5	2426.2	2182.4	1972.1	1817.2	1728.1	1684.8	1673.3	1683.0
15,0°	1558.7	1528.6	1546.9	1536.7	1466.1	1343.5	1196.4	1072.2	1001.5	977.9	981.3	992.2	1005.3
17,5°	554.9	575.7	578.7	584.2	585.9	576.7	554.4	531.7	520.7	512.9	505.2	497.3	489.2
20,0°	323.2	316.8	315.0	313.1	310.6	307.3	302.8	297.4	291.5	285.0	277.4	268.2	257.7
22,5°	208.0	211.0	209.8	209.1	208.1	206.6	204.5	201.5	197.3	192.0	185.6	178.0	169.3
25,0°	164.4	162.9	162.1	161.4	160.5	159.0	157.3	155.0	151.7	147.1	141.8	135.9	129.9
27,5°	131.6	132.6	132.1	131.5	130.9	129.4	127.4	125.3	122.7	119.3	115.8	112.2	108.8
30,0°	117.4	117.4	117.7	117.1	115.7	113.7	111.1	108.4	105.8	103.3	100.9	99.2	97.5
32,5°	121.4	120.6	119.5	117.4	114.7	111.5	107.5	103.3	99.5	96.5	93.9	92.3	91.7
35,0°	122.7	121.9	120.7	118.7	116.2	113.1	109.4	105.6	101.8	98.8	96.0	94.0	92.7
37,5°	113.7	112.6	111.7	110.9	109.7	107.9	105.9	103.6	101.3	99.8	98.1	97.0	96.1
40,0°	105.1	103.3	102.6	102.4	101.8	101.0	100.3	99.1	97.7	97.2	96.0	95.5	94.9
42,5°	93.4	92.1	91.6	92.2	92.6	92.7	92.8	92.5	92.1	92.0	91.2	90.8	90.5
45,0°	85.8	83.2	83.0	83.6	83.9	84.6	85.3	85.4	85.3	86.0	85.2	85.4	85.9
47,5°	78.7	76.6	76.5	76.9	76.9	77.2	78.0	79.0	78.8	79.6	79.3	79.7	80.2
50,0°	73.6	71.3	70.9	71.1	71.4	71.6	72.4	73.7	74.2	75.1	74.7	74.8	74.9
52,5°	69.7	67.4	66.5	66.5	66.8	67.0	67.8	68.8	70.4	70.8	70.2	70.1	70.0
55,0°	65.1	63.4	63.5	63.1	63.0	63.2	63.9	64.9	66.4	67.1	66.5	66.0	65.6
57,5°	59.7	59.3	59.2	58.5	58.3	58.7	59.4	60.3	61.3	62.8	62.0	61.4	60.2
60,0°	55.1	54.5	53.5	52.5	52.6	53.0	53.7	54.5	55.6	57.2	56.5	55.7	53.6
62,5°	46.5	46.9	46.9	46.5	46.7	47.2	47.6	48.3	49.6	51.0	50.7	49.2	47.1
65,0°	41.6	41.3	41.1	40.8	41.0	41.5	41.9	42.6	43.7	44.5	44.6	43.0	41.5
67,5°	35.0	35.2	34.9	34.9	34.9	35.4	35.9	36.7	37.7	38.4	38.4	37.1	36.1
70,0°	30.0	29.6	29.4	29.4	29.3	29.6	30.1	30.9	31.9	32.5	32.4	31.5	30.7
72,5°	24.1	24.2	24.0	24.0	23.8	23.9	24.1	24.7	25.4	25.9	26.0	25.7	25.2
75,0°	19.0	18.6	18.5	18.5	18.5	18.5	18.6	19.1	19.5	19.8	19.9	19.9	19.6
77,5°	13.3	13.5	13.4	13.3	13.1	13.0	13.0	13.6	14.1	14.3	14.2	14.2	14.2
80,0°	8.4	8.1	8.1	8.0	7.8	7.8	8.0	8.2	8.3	8.4	8.6	8.7	8.7
82,5°	4.1	4.1	4.1	4.0	3.9	3.9	4.0	4.1	4.1	4.2	4.3	4.4	4.5
85,0°	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7
87,5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
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°	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5
2,5°	3608.5	3568.1	3536.9	3512.9	3497.7	3492.8	4107.4	4096.3	4075.4	4046.0	4008.8	3967.0	3920.9
5,0°	3175.6	3064.2	2976.3	2909.0	2867.4	2852.7	4634.9	4601.6	4540.2	4455.7	4350.7	4225.6	4082.7
7,5°	2932.4	2841.3	2777.9	2732.0	2703.9	2693.4	4787.3	4734.8	4646.4	4517.1	4358.4	4175.0	3976.7
10,0°	2421.8	2394.8	2380.6	2373.9	2372.1	2371.2	4065.4	4008.4	3904.2	3750.1	3559.5	3351.6	3136.3
12,5°	1701.9	1722.5	1741.2	1755.8	1766.3	1769.7	2925.6	2897.6	2816.0	2656.5	2426.2	2182.4	1972.1
15,0°	1020.3	1035.9	1050.5	1062.4	1070.8	1074.0	1528.6	1546.9	1536.7	1466.1	1343.5	1196.4	1072.2
17,5°	481.5	474.9	469.4	464.9	462.5	461.7	575.7	578.7	584.2	585.9	576.7	554.4	531.7
20,0°	247.0	236.4	227.3	220.3	216.0	214.7	316.8	315.0	313.1	310.6	307.3	302.8	297.4
22,5°	160.5	152.6	146.1	141.2	138.3	137.5	211.0	209.8	209.1	208.1	206.6	204.5	201.5
25,0°	124.3	119.7	115.8	112.9	110.9	110.2	162.9	162.1	161.4	160.5	159.0	157.3	155.0
27,5°	105.9	103.3	101.0	99.3	98.4	98.3	132.6	132.1	131.5	130.9	129.4	127.4	125.3
30,0°	96.0	95.0	94.5	93.9	93.1	92.7	117.4	117.7	117.1	115.7	113.7	111.1	108.4
32,5°	91.1	90.4	89.9	89.5	89.3	89.3	120.6	119.5	117.4	114.7	111.5	107.5	103.3
35,0°	91.5	90.4	89.5	88.8	88.4	88.4	121.9	120.7	118.7	116.2	113.1	109.4	105.6
37,5°	95.2	94.2	93.5	92.7	92.4	92.8	112.6	111.7	110.9	109.7	107.9	105.9	103.6
40,0°	93.9	93.1	92.6	91.8	91.9	93.0	103.3	102.6	102.4	101.8	101.0	100.3	99.1
42,5°	90.0	89.4	88.4	87.6	88.1	90.1	92.1	91.6	92.2	92.6	92.7	92.8	92.5
45,0°	85.6	85.4	84.9	83.9	84.3	86.3	83.2	83.0	83.6	83.9	84.6	85.3	85.4
47,5°	80.3	80.0	79.8	79.5	79.5	81.5	76.6	76.5	76.9	76.9	77.2	78.0	79.0
50,0°	74.5	73.9	73.8	73.4	74.4	76.1	71.3	70.9	71.1	71.4	71.6	72.4	73.7
52,5°	69.2	68.2	67.7	68.5	69.7	71.0	67.4	66.5	66.5	66.8	67.0	67.8	68.8
55,0°	64.1	63.0	62.5	63.4	64.2	66.0	63.4	63.5	63.1	63.0	63.2	63.9	64.9
57,5°	58.4	57.3	56.9	57.5	60.4	60.4	59.3	59.2	58.5	58.3	58.7	59.4	60.3
60,0°	52.0	50.9	50.6	51.2	55.3	54.6	54.5	53.5	52.5	52.6	53.0	53.7	54.5
62,5°	45.8	45.1	44.8	45.3	48.1	47.9	46.9	46.9	46.5	46.7	47.2	47.6	48.3
65,0°	40.3	39.8	39.5	39.8	41.8	41.9	41.3	41.1	40.8	41.0	41.5	41.9	42.6
67,5°	34.9	34.4	34.2	34.2	35.4	35.7	35.2	34.9	34.9	34.9	35.4	35.9	36.7
70,0°	29.8	29.4	29.2	29.2	29.8	30.0	29.6	29.4	29.4	29.3	29.6	30.1	30.9
72,5°	24.5	24.0	23.9	23.9	24.1	24.2	24.2	24.0	24.0	23.8	23.9	24.1	24.7
75,0°	19.2	18.8	18.7	18.7	18.9	18.9	18.6	18.5	18.5	18.5	18.5	18.6	19.1
77,5°	14.1	13.9	13.9	13.9	14.0	14.1	13.5	13.4	13.3	13.1	13.0	13.0	13.6
80,0°	8.8	8.9	8.9	9.1	9.2	9.3	8.1	8.1	8.0	7.8	7.8	8.0	8.2
82,5°	4.6	4.8	4.9	5.1	5.2	5.2	4.1	4.1	4.0	3.9	3.9	4.0	4.1
85,0°	1.8	1.8	1.9	2.0	2.1	2.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
87,5°	0.5	0.5	0.5	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4
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												sīteco	
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°	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	3820.5	5.7	5.7
2,5°	3870.0	3815.7	3760.9	3707.2	3655.4	3608.5	3568.1	3536.9	3512.9	3497.7	3492.8	45.6	51.3
5,0°	3927.3	3766.7	3605.3	3449.8	3304.6	3175.6	3064.2	2976.3	2909.0	2867.4	2852.7	89.8	141.1
7,5°	3767.7	3563.9	3370.4	3199.8	3051.8	2932.4	2841.3	2777.9	2732.0	2703.9	2693.4	131.0	272.1
10,0°	2936.3	2769.0	2633.8	2534.2	2466.2	2421.8	2394.8	2380.6	2373.9	2372.1	2371.2	143.6	415.7
12,5°	1817.2	1728.1	1684.8	1673.3	1683.0	1701.9	1722.5	1741.2	1755.8	1766.3	1769.7	123.6	539.3
15,0°	1001.5	977.9	981.3	992.2	1005.3	1020.3	1035.9	1050.5	1062.4	1070.8	1074.0	83.6	622.9
17,5°	520.7	512.9	505.2	497.3	489.2	481.5	474.9	469.4	464.9	462.5	461.7	42.9	665.8
20,0°	291.5	285.0	277.4	268.2	257.7	247.0	236.4	227.3	220.3	216.0	214.7	25.8	691.7
22,5°	197.3	192.0	185.6	178.0	169.3	160.5	152.6	146.1	141.2	138.3	137.5	19.1	710.8
25,0°	151.7	147.1	141.8	135.9	129.9	124.3	119.7	115.8	112.9	110.9	110.2	16.4	727.2
27,5°	122.7	119.3	115.8	112.2	108.8	105.9	103.3	101.0	99.3	98.4	98.3	14.8	742.0
30,0°	105.8	103.3	100.9	99.2	97.5	96.0	95.0	94.5	93.9	93.1	92.7	14.4	756.4
32,5°	99.5	96.5	93.9	92.3	91.7	91.1	90.4	89.9	89.5	89.3	89.3	14.9	771.3
35,0°	101.8	98.8	96.0	94.0	92.7	91.5	90.4	89.5	88.8	88.4	88.4	16.1	787.4
37,5°	101.3	99.8	98.1	97.0	96.1	95.2	94.2	93.5	92.7	92.4	92.8	16.9	804.4
40,0°	97.7	97.2	96.0	95.5	94.9	93.9	93.1	92.6	91.8	91.9	93.0	17.2	821.5
42,5°	92.1	92.0	91.2	90.8	90.5	90.0	89.4	88.4	87.6	88.1	90.1	16.9	838.4
45,0°	85.3	86.0	85.2	85.4	85.9	85.6	85.4	84.9	83.9	84.3	86.3	16.4	854.8
47,5°	78.8	79.6	79.3	79.7	80.2	80.3	80.0	79.8	79.5	79.5	81.5	15.9	870.8
50,0°	74.2	75.1	74.7	74.8	74.9	74.5	73.9	73.8	73.4	74.4	76.1	15.4	886.2
52,5°	70.4	70.8	70.2	70.1	70.0	69.2	68.2	67.7	68.5	69.7	71.0	14.9	901.1
55,0°	66.4	67.1	66.5	66.0	65.6	64.1	63.0	62.5	63.4	64.2	66.0	14.5	915.6
57,5°	61.3	62.8	62.0	61.4	60.2	58.4	57.3	56.9	57.5	60.4	60.4	13.8	929.3
60,0°	55.6	57.2	56.5	55.7	53.6	52.0	50.9	50.6	51.2	55.3	54.6	12.8	942.1
62,5°	49.6	51.0	50.7	49.2	47.1	45.8	45.1	44.8	45.3	48.1	47.9	11.5	953.6
65,0°	43.7	44.5	44.6	43.0	41.5	40.3	39.8	39.5	39.8	41.8	41.9	10.4	964.0
67,5°	37.7	38.4	38.4	37.1	36.1	34.9	34.4	34.2	34.2	35.4	35.7	9.1	973.1
70,0°	31.9	32.5	32.4	31.5	30.7	29.8	29.4	29.2	29.2	29.8	30.0	7.8	980.8
72,5°	25.4	25.9	26.0	25.7	25.2	24.5	24.0	23.9	23.9	24.1	24.2	6.4	987.3
75,0°	19.5	19.8	19.9	19.9	19.6	19.2	18.8	18.7	18.7	18.9	18.9	5.0	992.3
77,5°	14.1	14.3	14.2	14.2	14.2	14.1	13.9	13.9	13.9	14.0	14.1	3.7	996.0
80,0°	8.3	8.4	8.6	8.7	8.7	8.8	8.9	8.9	9.1	9.2	9.3	2.3	998.3
82,5°	4.1	4.2	4.3	4.4	4.5	4.6	4.8	4.9	5.1	5.2	5.2	1.2	999.4
85,0°	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	0.4	999.9
87,5°	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.1	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.: 5XA779224N01AB EAN: 4069025141521	LP-Nummer 59697_56
Dimmstufen-Tabelle Umgebungstemperatur: 0°C		siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	238	193384	1770.4
90	221	182780	1640.2
85	206	173076	1526.7
80	191	162931	1413.4
75	176	152358	1301.3
70	162	142082	1196.5
65	149	132479	1099.7
60	135	121626	996.7
55	123	112053	908.3
50	110	101424	813.3
45	98	91381	725.9
40	86	81028	638.7
35	75	71420	559.1
30	63	60557	473.2
25	53	51284	401.8
20	42	40999	322.8
15	31	30646	246.7
10	20	19876	171.1
5	10	10145	91.4
1	2	1917	29.1

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	----	----	----
90	----	----	----
85	----	----	----
80	----	----	----
78	----	----	----
75	172	143839	1255.7
70	158	134195	1152.3
65	145	125193	1056.6
60	132	115626	961.8
55	119	105791	867.4
50	107	96432	780.4
45	95	86767	693.8
40	83	76841	608.2
35	72	67439	529.8
30	61	57924	451.9
25	50	47825	373.8
20	40	38641	304.2
15	29	28559	229.4
10	19	18841	159.7
5	9	9150	81.9
1	2	1916	28.6

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779224N01AB EAN: 4069025141521	LP-Nummer 59697_56
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	203290.0	1901.6
25.0	149130.0	1314.8