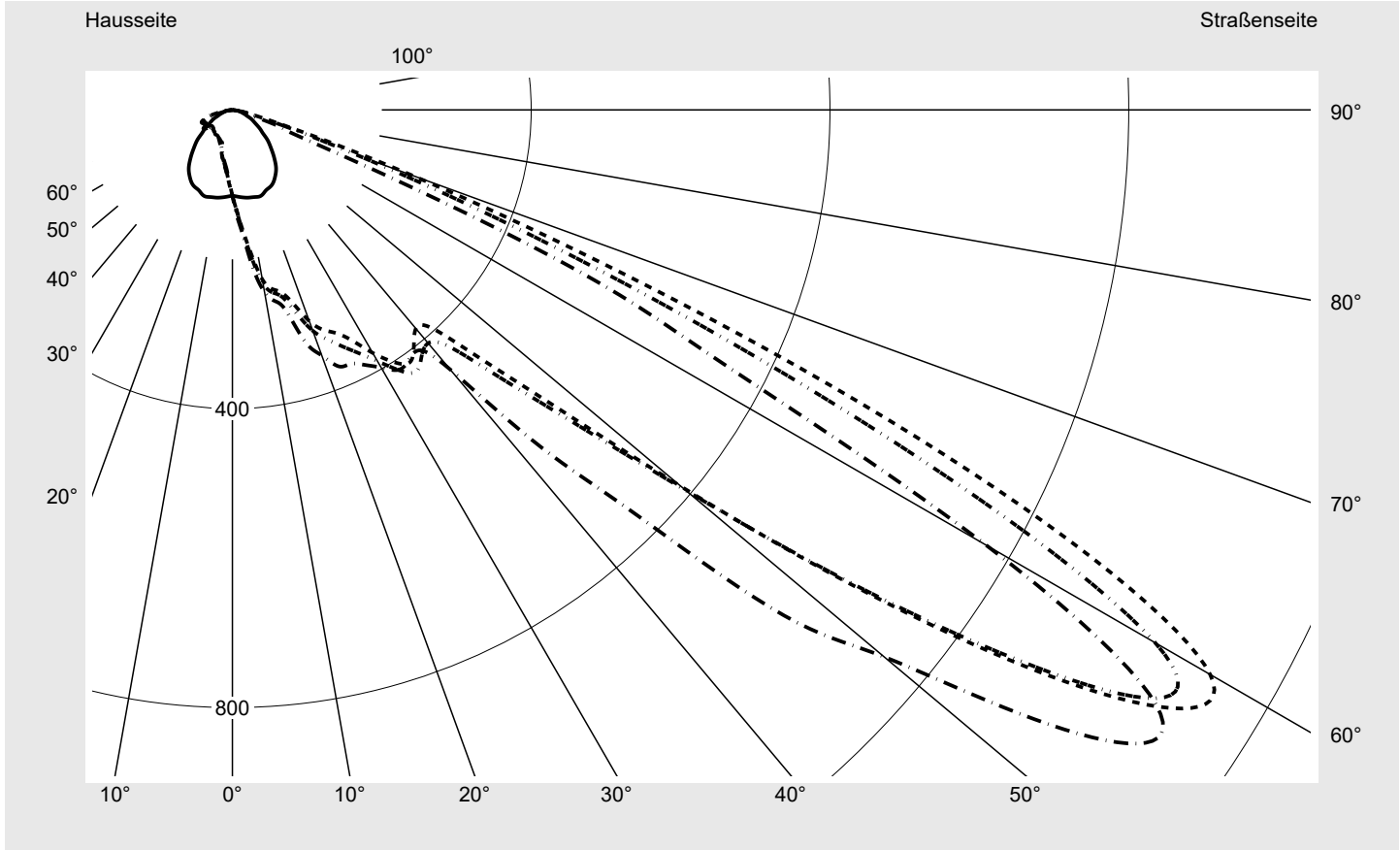


# Lichttechnischer Prüfbefund

<b>Familie</b> <b>Floodlight FL11</b>	<b>Bestell-Nr.: 5XA779228F01AA</b> <b>EAN: 4058352825563</b>	<b>LP-Nummer</b> <b>59254_87</b>
	<b>Ausführung</b> Bügel gekröpft <b>Optik</b> asymmetrisch strahlend PL33T <b>Abdeckung</b> Einscheibensicherheitsglas (ESG) <b>Bestückung</b> LED 5700 K   CRI ≥ 80 <b>Betriebsgerät</b> EVG-DMX <b>Bemessungswerte</b> Ta = 10 °C Nettolichtstrom = 151430 lm Systemleistung = 1388.0 W Lichtausbeute = 109.1 lm/W	<b>Seriendokumentation</b> 02.11.2023




**Lichtstärke in cd/klm**
C180-0
C240-60
C245-65
C270-90
**Imax: 1512 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G6
Imax 70°	293.1
Imax 80°	14.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Messbedingungen**

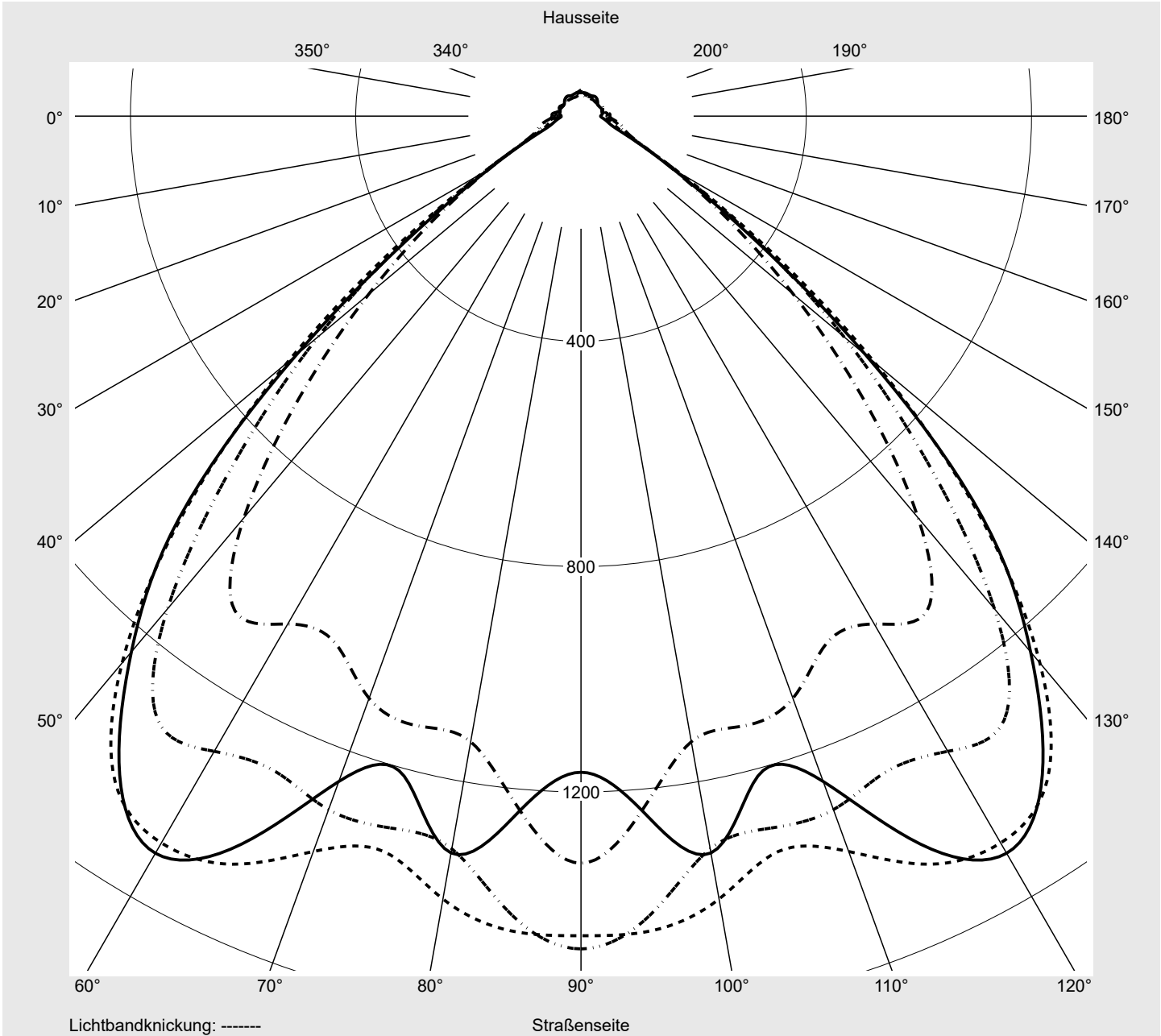
DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> Floodlight FL11	<b>Bestell-Nr.:</b> 5XA779228F01AA <b>EAN:</b> 4058352825563	<b>LP-Nummer</b> 59254_87
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**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**



## Lichttechnischer Prüfbefund

<b>Familie</b> Floodlight FL11	<b>Bestell-Nr.: 5XA779228F01AA</b> <b>EAN: 4058352825563</b>	<b>LP-Nummer</b> 59254_87
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
2,5°	115.9	117.8	119.7	121.5	123.4	125.2	127.0	128.8	130.5	131.9	133.2	134.2	135.3
5,0°	117.1	121.3	125.6	129.8	134.2	138.3	142.4	146.4	150.1	153.5	156.8	159.9	162.8
7,5°	118.3	124.1	130.4	136.4	142.6	148.8	155.3	162.1	168.8	175.4	182.2	189.0	195.4
10,0°	119.3	126.8	134.5	142.4	151.3	160.9	171.1	181.6	192.6	203.6	214.1	223.0	230.3
12,5°	119.8	129.0	139.4	150.3	162.7	175.1	187.4	200.1	212.5	223.0	231.9	239.5	245.6
15,0°	120.7	131.9	144.3	157.2	170.3	183.2	196.8	209.8	221.1	230.4	238.2	245.7	253.1
17,5°	121.5	133.8	147.1	160.7	173.9	188.6	203.4	216.6	227.5	236.8	246.9	259.4	272.5
20,0°	119.8	133.6	147.5	161.2	176.3	193.1	210.5	225.9	238.6	250.8	266.8	284.5	300.8
22,5°	116.8	131.1	146.6	161.5	178.5	197.9	218.3	235.9	249.3	265.0	286.2	304.9	318.7
25,0°	115.3	128.1	142.9	160.9	179.9	199.8	221.6	240.6	253.5	271.5	293.5	312.2	329.9
27,5°	113.7	125.3	137.4	158.3	178.2	198.8	220.7	242.0	257.3	277.0	300.8	326.5	348.4
30,0°	110.6	122.0	132.5	153.9	175.5	195.6	219.8	248.1	269.8	294.7	324.9	355.7	375.6
32,5°	106.2	118.6	127.7	149.6	171.9	193.1	222.3	256.7	284.7	313.1	348.5	381.3	399.7
35,0°	101.5	113.9	123.3	144.5	166.4	191.2	224.8	260.7	291.8	321.5	358.8	390.8	413.1
37,5°	95.8	106.4	118.0	137.5	159.7	186.2	223.8	257.5	285.2	314.5	349.5	379.3	399.0
40,0°	88.4	96.3	109.5	127.9	150.5	179.8	220.9	250.8	275.3	305.2	341.3	364.0	382.1
42,5°	81.0	87.2	100.4	118.1	139.5	173.8	220.1	250.3	278.2	318.0	358.6	378.8	396.9
45,0°	73.5	78.9	93.2	111.7	132.2	169.5	220.8	256.6	301.2	362.9	416.9	458.3	472.5
47,5°	66.9	72.2	87.1	103.0	121.1	156.3	209.4	261.0	334.8	427.1	526.9	585.7	591.5
50,0°	59.9	61.5	73.3	85.5	98.0	128.1	188.1	269.9	388.8	533.6	698.5	798.8	784.9
52,5°	51.4	55.5	67.8	77.4	87.6	117.4	189.0	316.2	492.3	707.7	931.2	1071.9	1041.5
55,0°	46.1	50.5	62.6	70.6	82.4	114.7	200.7	369.8	609.3	871.2	1142.3	1309.8	1302.6
57,5°	40.2	43.9	54.3	62.0	75.5	111.5	202.5	390.4	681.2	999.1	1267.7	1442.4	1490.3
60,0°	34.9	38.5	45.2	52.9	69.0	109.8	191.1	356.9	660.3	1008.6	1242.1	1428.2	1511.5
62,5°	30.9	33.3	37.7	44.9	59.8	97.7	158.8	278.0	512.4	813.0	1008.6	1237.1	1295.6
65,0°	26.8	28.7	32.7	39.5	49.3	73.0	115.3	190.6	336.2	538.9	731.9	943.1	924.7
67,5°	21.4	22.4	26.6	32.5	40.3	52.1	74.3	113.3	187.7	307.0	459.4	575.1	534.1
70,0°	18.4	18.3	20.4	27.2	35.3	42.2	54.2	70.0	98.5	151.6	233.9	293.1	253.9
72,5°	15.1	15.5	16.6	21.9	28.1	33.3	38.7	45.1	54.2	70.0	91.0	111.2	98.9
75,0°	12.7	13.1	13.5	16.2	20.2	22.7	25.8	26.8	30.7	34.4	39.7	46.0	41.9
77,5°	10.1	10.8	11.0	12.3	14.2	15.1	15.9	16.2	17.8	19.7	22.3	24.9	23.6
80,0°	8.4	8.0	8.3	9.8	9.4	9.6	9.4	9.8	10.8	11.4	13.1	13.8	13.3
82,5°	7.0	5.9	5.3	6.3	6.1	5.6	5.1	5.5	5.8	6.2	7.1	7.3	6.9
85,0°	3.7	3.0	2.5	2.5	2.4	2.3	2.4	2.4	2.4	2.7	3.0	3.1	3.0
87,5°	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2
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

<b>Familie</b> <b>Floodlight FL11</b>	<b>Bestell-Nr.: 5XA779228F01AA</b> <b>EAN: 4058352825563</b>	<b>LP-Nummer</b> <b>59254_87</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
2,5°	136.2	136.9	137.5	138.0	138.4	142.8	114.0	112.3	110.6	109.1	107.4	106.0	104.6
5,0°	165.4	167.6	169.5	171.1	172.2	171.0	113.1	109.5	106.2	103.1	100.1	97.4	95.0
7,5°	201.0	205.3	208.7	211.4	213.4	215.0	112.7	107.4	102.5	98.0	94.0	90.4	87.2
10,0°	236.0	240.3	243.5	245.8	247.5	247.6	112.1	105.5	99.3	93.5	88.3	84.2	80.7
12,5°	250.6	254.2	257.0	259.0	260.5	262.0	111.2	103.1	95.7	89.2	83.4	79.0	75.2
15,0°	259.9	265.8	271.3	275.8	279.2	278.8	110.3	100.9	92.7	84.9	78.0	72.5	68.3
17,5°	285.5	297.2	307.1	314.2	319.2	326.4	109.2	97.1	87.1	79.6	73.0	67.5	63.4
20,0°	314.7	325.4	334.0	341.6	348.0	349.8	105.4	93.1	83.4	75.1	68.0	63.2	59.8
22,5°	332.6	346.4	355.5	362.2	367.7	371.6	103.2	90.0	78.9	70.2	63.8	59.2	54.4
25,0°	349.6	366.6	373.1	374.0	374.3	375.0	100.0	85.6	75.1	66.7	60.4	54.2	50.4
27,5°	367.3	384.2	392.0	390.8	385.7	384.9	95.1	80.6	71.4	63.5	56.4	50.9	48.3
30,0°	388.4	402.0	408.5	405.1	400.6	398.3	90.6	76.8	67.6	60.3	52.7	49.0	46.5
32,5°	412.6	421.2	419.2	410.7	409.5	412.7	86.7	73.1	63.8	55.8	50.5	47.5	45.2
35,0°	428.1	430.1	422.3	413.7	409.5	410.4	81.8	68.6	59.9	52.5	48.9	46.0	43.9
37,5°	416.0	425.5	416.3	408.9	404.6	406.4	77.3	64.4	54.5	49.5	47.0	44.4	41.9
40,0°	407.7	426.0	429.6	432.6	448.4	453.6	72.2	59.3	50.5	47.0	44.7	43.3	41.0
42,5°	430.0	468.1	493.4	521.0	564.8	614.1	67.5	54.0	47.4	44.9	43.5	41.8	40.0
45,0°	506.8	568.7	617.4	667.9	736.7	770.1	63.9	50.2	44.9	43.1	41.9	40.2	39.1
47,5°	619.7	699.6	761.5	806.6	904.7	1001.9	59.8	47.0	42.7	41.3	40.7	39.2	38.1
50,0°	792.7	875.4	920.3	947.6	1059.0	1139.0	55.3	44.0	39.8	39.7	39.2	37.8	36.6
52,5°	1032.6	1100.3	1120.9	1128.1	1238.5	1326.8	50.6	42.4	38.7	38.9	38.1	36.6	35.8
55,0°	1284.2	1310.6	1308.7	1321.2	1422.9	1478.9	47.3	42.0	40.0	41.0	41.2	38.2	37.2
57,5°	1465.8	1389.8	1352.1	1411.8	1451.9	1455.5	42.5	40.2	39.8	40.9	39.4	38.4	36.9
60,0°	1426.5	1257.4	1213.4	1328.7	1237.4	1165.2	37.7	37.8	38.2	38.5	37.2	36.4	36.3
62,5°	1124.2	952.3	945.6	1015.6	907.5	758.4	32.6	35.1	36.2	35.5	35.2	35.0	35.6
65,0°	735.3	603.2	614.9	613.5	555.9	513.8	29.2	32.1	33.4	32.9	32.3	33.3	35.5
67,5°	404.6	331.1	313.7	259.8	206.8	151.5	25.9	27.8	29.6	28.7	30.2	31.6	34.3
70,0°	183.2	158.3	140.3	92.9	73.1	71.8	20.7	21.8	22.6	24.0	27.9	28.8	31.4
72,5°	77.7	68.3	56.4	42.9	38.2	35.3	16.4	17.8	19.1	20.5	24.8	25.7	26.6
75,0°	37.3	34.1	29.2	25.1	22.7	23.4	13.2	14.6	15.6	17.3	20.5	21.5	21.5
77,5°	21.7	20.1	17.6	15.8	14.7	13.9	10.4	11.6	12.6	13.5	15.4	17.0	16.4
80,0°	11.9	11.2	10.4	9.9	9.5	9.7	8.1	8.6	9.0	9.9	10.8	12.4	12.4
82,5°	6.1	5.9	5.8	5.6	5.6	5.4	6.2	6.7	6.8	7.0	7.8	8.3	8.9
85,0°	2.9	2.9	2.9	2.8	2.8	2.9	3.3	3.0	3.5	3.3	3.2	3.5	3.7
87,5°	1.3	1.3	1.3	1.4	1.4	1.4	0.7	0.8	0.9	1.0	1.0	1.1	1.1
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

<b>Familie</b> <b>Floodlight FL11</b>	<b>Bestell-Nr.: 5XA779228F01AA</b> <b>EAN: 4058352825563</b>	<b>LP-Nummer</b> <b>59254_87</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	0.2	0.2
2,5°	103.3	102.1	100.9	99.9	99.0	98.3	97.7	97.3	97.0	96.7	96.6	1.4	1.6
5,0°	92.7	90.7	88.9	87.4	86.1	85.0	84.1	83.3	82.8	82.3	82.2	2.9	4.5
7,5°	84.5	82.1	80.1	78.4	76.9	75.8	74.9	74.3	73.9	73.6	73.5	4.7	9.1
10,0°	77.7	75.3	73.2	71.4	69.9	68.8	68.0	67.5	67.3	67.1	67.1	6.6	15.7
12,5°	72.0	69.2	67.0	65.2	63.9	63.0	62.6	62.4	62.2	61.9	61.7	8.5	24.2
15,0°	65.1	62.2	59.6	57.8	56.6	55.2	53.8	53.0	52.6	52.5	52.5	10.2	34.5
17,5°	60.4	57.7	54.7	51.7	50.6	50.0	49.1	48.2	46.8	46.1	45.9	12.3	46.8
20,0°	56.1	51.9	49.8	48.9	48.2	47.1	46.5	45.5	45.1	44.9	44.9	14.6	61.4
22,5°	50.6	48.6	47.4	46.3	45.4	44.5	43.6	43.1	43.1	43.1	43.1	16.8	78.2
25,0°	48.3	46.7	44.9	43.9	43.0	41.8	41.3	41.2	41.3	41.5	41.9	18.7	96.9
27,5°	46.3	44.4	42.8	41.9	40.1	39.8	39.8	39.8	40.1	40.8	40.9	20.7	117.7
30,0°	44.9	42.5	41.4	39.6	39.0	38.7	38.7	38.8	39.1	39.6	39.8	23.0	140.7
32,5°	42.8	41.6	40.5	38.7	38.0	38.0	38.1	38.4	38.9	39.3	39.7	25.3	166.0
35,0°	41.7	40.8	39.1	38.2	38.0	38.0	37.9	38.3	39.2	39.9	39.9	27.2	193.2
37,5°	41.2	40.4	38.9	38.2	38.2	38.1	38.2	38.3	38.4	38.7	38.9	28.2	221.3
40,0°	40.5	39.4	38.4	38.1	38.0	37.7	37.7	37.7	38.0	38.4	38.6	29.5	250.8
42,5°	39.5	38.5	37.4	37.2	37.0	37.0	37.1	37.1	37.4	38.4	37.8	33.0	283.9
45,0°	38.8	37.7	36.5	36.3	36.0	36.1	36.3	36.4	36.8	37.3	37.7	39.5	323.4
47,5°	36.8	36.2	36.2	35.5	35.2	35.2	35.5	35.7	36.4	36.1	40.5	47.9	371.2
50,0°	35.8	34.8	35.3	35.7	34.9	34.8	35.1	34.9	35.9	37.0	35.8	58.3	429.6
52,5°	36.1	35.5	35.9	35.8	35.4	35.3	35.3	35.2	36.5	37.5	37.4	73.4	503.0
55,0°	36.8	37.5	38.4	39.5	38.7	37.7	37.4	37.9	39.8	42.1	43.7	89.3	592.2
57,5°	37.8	40.4	41.8	42.8	41.3	40.1	40.2	41.0	42.5	43.9	46.0	98.7	691.0
60,0°	38.3	40.9	42.4	42.7	41.4	40.4	40.7	41.5	42.0	41.7	41.5	95.6	786.5
62,5°	38.5	41.4	43.6	42.8	41.5	41.1	42.1	42.4	40.9	39.6	39.1	78.4	865.0
65,0°	38.9	42.2	43.9	43.2	42.3	43.1	44.6	43.3	41.2	39.1	40.2	55.8	920.7
67,5°	38.1	41.4	42.4	42.4	43.0	44.6	44.7	43.1	40.9	40.6	40.3	33.0	953.7
70,0°	34.7	37.9	36.2	38.0	40.2	42.8	43.5	41.9	40.7	40.0	39.1	18.6	972.3
72,5°	27.3	28.5	30.5	33.0	36.3	38.1	39.3	37.1	35.0	34.4	30.3	10.5	982.8
75,0°	21.5	22.7	25.0	27.9	31.1	33.0	31.5	27.7	25.5	23.7	22.1	6.7	989.5
77,5°	16.4	15.9	18.5	19.9	24.2	24.4	23.3	21.2	17.3	13.8	12.4	4.5	994.0
80,0°	10.3	10.5	12.0	12.9	13.4	14.2	14.2	12.8	10.8	10.9	10.0	2.9	996.9
82,5°	7.6	7.7	8.7	9.1	8.6	9.6	9.3	8.4	7.7	8.0	8.0	1.9	998.8
85,0°	3.8	3.9	4.2	4.1	3.7	3.8	3.5	3.3	3.2	3.6	3.9	0.9	999.7
87,5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	1.9	2.0	0.3	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

## Lichttechnischer Prüfbefund

Familie  
Floodlight FL11

Bestell-Nr.: 5XA779228F01AA  
EAN: 4058352825563

LP-Nummer  
59254\_87

## Dimmstufen-Tabelle

Umgebungstemperatur: 10°C

siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
100	254	151117	1382.4
95	233	143780	1264.3
90	215	136418	1163.2
85	198	128540	1068.0
80	182	120972	978.3
75	168	113601	900.3
70	154	105727	823.1
65	141	98589	752.1
60	128	90951	681.5
55	116	82969	616.8
50	103	75602	546.5
45	92	68489	488.0
40	80	60358	424.6
35	69	52763	366.1
30	59	45581	313.4
25	48	38240	255.9
20	38	30179	204.6
15	28	22700	153.8
10	19	15244	107.9
5	9	7696	57.8
1	2	2071	20.9

## Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	----	----	----
92	217	132937	1165.8
90	211	130511	1132.2
85	195	123409	1043.3
80	179	116362	953.9
75	164	108999	870.8
70	151	101717	799.6
65	137	94239	723.8
60	124	86810	653.9
55	113	79538	594.7
50	100	72853	525.4
45	89	65286	467.4
40	78	58089	409.8
35	67	50636	351.5
30	57	43426	299.6
25	46	35957	242.9
20	37	29135	197.3
15	27	21730	147.0
10	18	14625	101.6
5	9	7631	57.1
1	2	2054	20.6

**Lichttechnischer Prüfbefund**

<b>Familie</b> Floodlight FL11	<b>Bestell-Nr.:</b> 5XA779228F01AA <b>EAN:</b> 4058352825563	<b>LP-Nummer</b> 59254_87
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<b>Lichtstrom-Tabelle</b>	<b>siteco</b>
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	151430.0	1388.0
25.0	133180.0	1169.3