

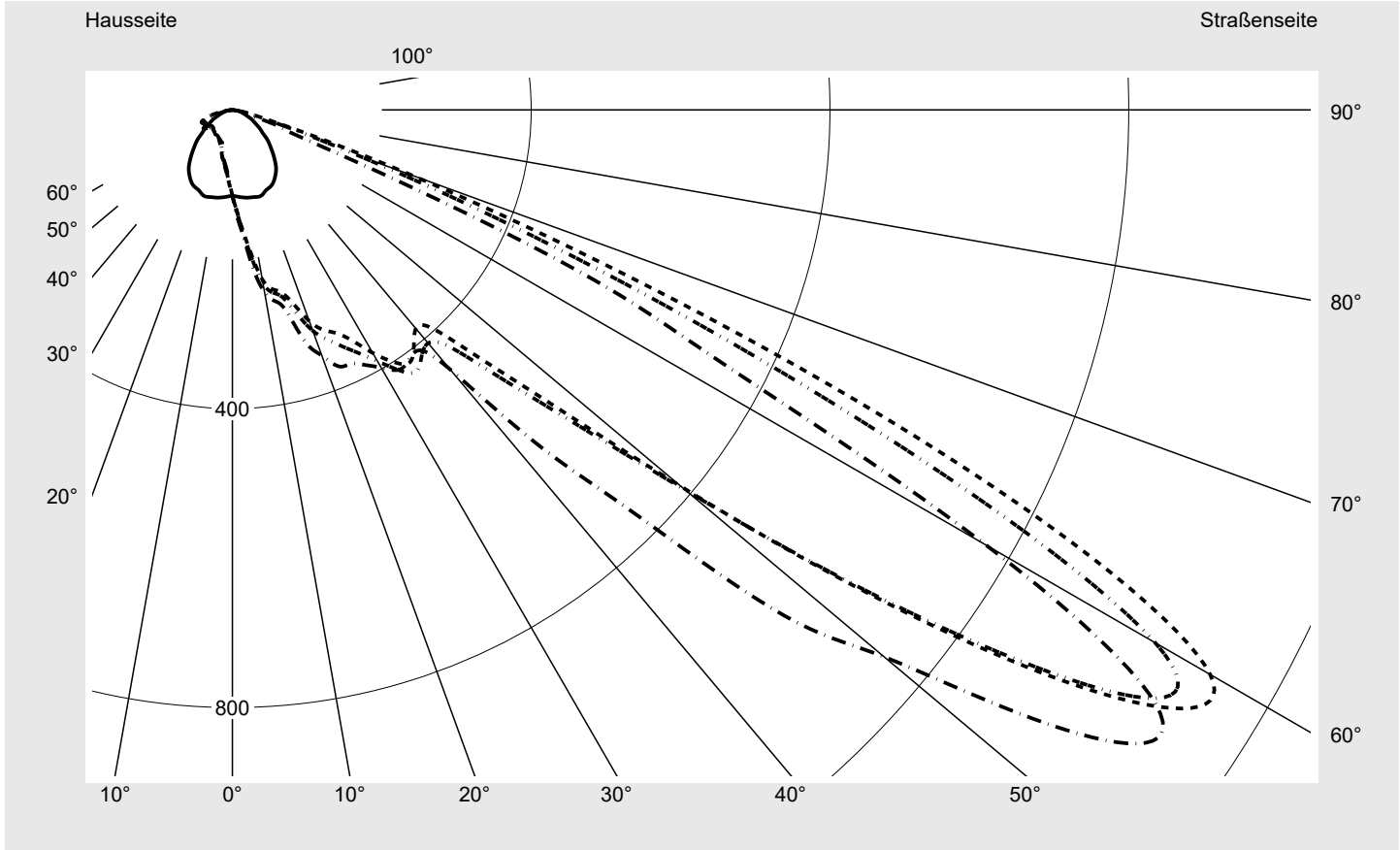
# Lichttechnischer Prüfbefund

<b>Familie</b> <b>Floodlight FL11</b>	<b>Bestell-Nr.: 5XA779125F01BA</b> <b>EAN: 4058352899328</b>	<b>LP-Nummer</b> <b>59254_77</b>
	<b>Ausführung</b> Bügel gekröpft <b>Optik</b> asymmetrisch strahlend PL33T <b>Abdeckung</b> Einscheibensicherheitsglas (ESG) <b>Bestückung</b> LED 3000 K   CRI ≥ 70 <b>Betriebsgerät</b> EVG-DALI <b>Bemessungswerte</b> Ta = 10 °C Nettolichtstrom = 132510 lm Systemleistung = 1028.0 W Lichtausbeute = 128.9 lm/W	<b>Seriendokumentation</b> <b>11.09.2023</b>





**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

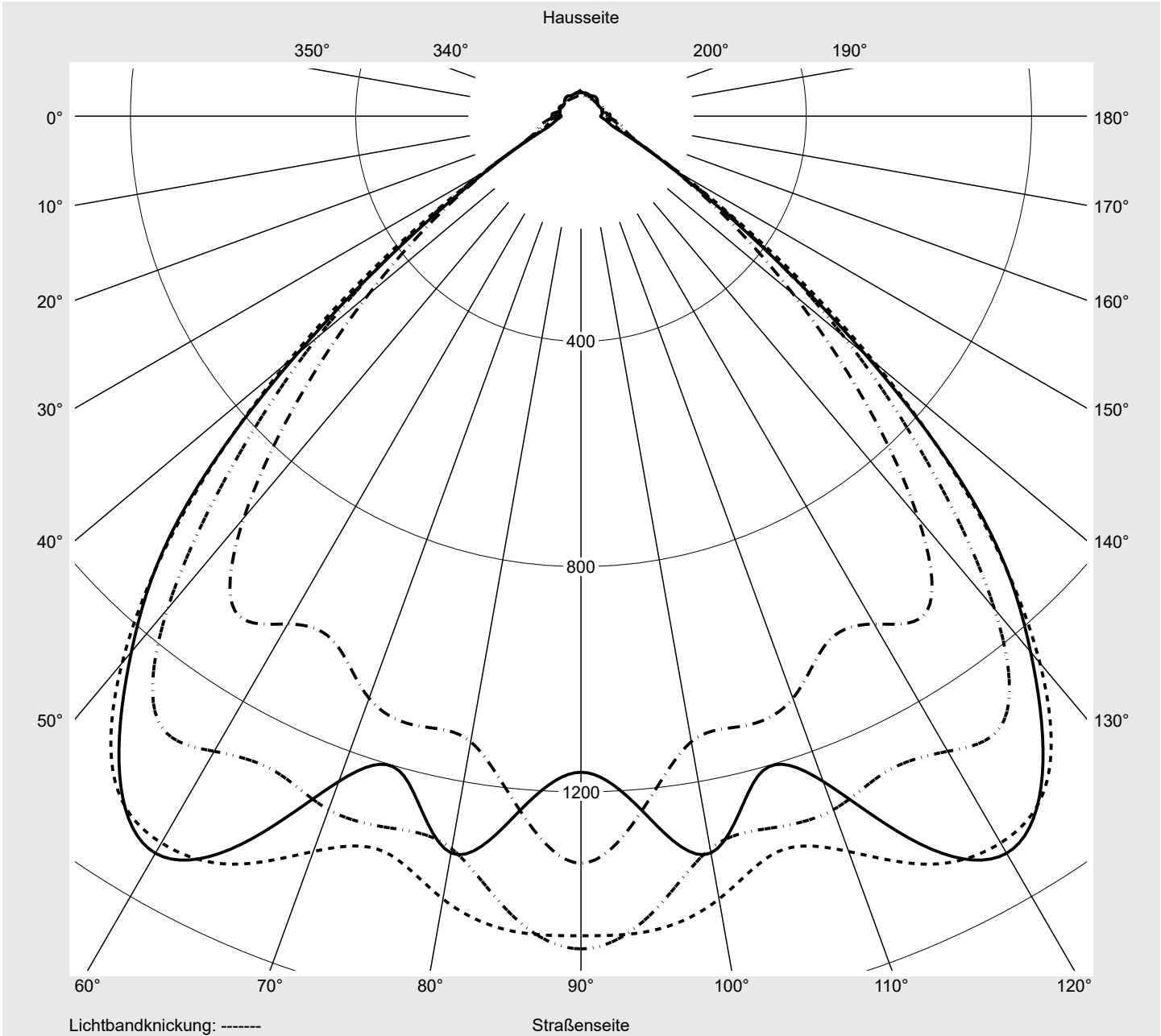
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> Floodlight FL11	<b>Bestell-Nr.:</b> 5XA779125F01BA <b>EAN:</b> 4058352899328	<b>LP-Nummer</b> 59254_77
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**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**    **siteco**



## Lichttechnischer Prüfbefund

<b>Familie</b> Floodlight FL11	<b>Bestell-Nr.: 5XA779125F01BA</b> <b>EAN: 4058352899328</b>	<b>LP-Nummer</b> 59254_77
<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

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<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

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<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

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**siteco**

### Dimmstufen-Tabelle Umgebungstemperatur: 10°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	132510	1028.1
95	237	251	126076	956.4
90	221	249	119419	889.4
85	206	246	112555	827.5
80	191	244	105971	765.9
75	177	241	99482	708.6
70	163	238	92718	652.1
65	151	235	86140	603.2
60	135	231	79321	538.1
55	123	227	72902	490.3
50	111	224	66409	442.5
45	99	219	59813	394.9
40	87	215	53209	346.6
35	75	209	46079	299.5
30	63	203	39939	252.5
25	53	197	33375	214.0
20	41	187	26305	168.1
15	30	176	19547	126.3
10	20	161	13488	87.9
5	9	132	6353	46.3
2	3	91	2423	22.3

### Dimmstufen-Tabelle Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	---	---	---	---
100	252	254	127761	1012.0
95	236	251	121965	945.0
90	219	249	115410	874.1
85	205	246	109173	816.5
80	189	243	102543	751.2
75	175	240	96344	694.2
70	161	237	89685	638.3
65	149	234	83476	588.8
60	133	230	76997	525.2
55	121	227	70464	477.8
50	109	223	64266	430.4
45	97	219	57719	383.2
40	85	214	51347	335.3
35	74	209	44833	292.5
30	62	202	38669	246.0
25	51	195	31860	204.0
20	40	186	25417	162.4
15	30	176	19344	124.9
10	19	159	12638	83.2
5	9	132	6297	45.7
2	3	91	2402	22.0

**Lichttechnischer Prüfbefund**

<b>Familie</b> Floodlight FL11	<b>Bestell-Nr.:</b> 5XA779125F01BA <b>EAN:</b> 4058352899328	<b>LP-Nummer</b> 59254_77
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<b>Lichtstrom-Tabelle</b>	<b>siteco</b>
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	132510.0	1028.0
25.0	128370.0	1020.4