

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779427F01BA
EAN: 4058352883273

LP-Nummer
59254_76



Ausführung Bügel gekröpft
Optik asymmetrisch strahlend PL33T
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 5000 K | CRI ≥ 70
Betriebsgerät EVG-DALI
Bemessungswerte Ta = 10 °C
Nettolichtstrom = 132850 lm
Systemleistung = 953.7 W
Lichtausbeute = 139.3 lm/W

Seriendokumentation
11.09.2023

siteco

Lichtstärke in cd/klm

C180-0

C240-60

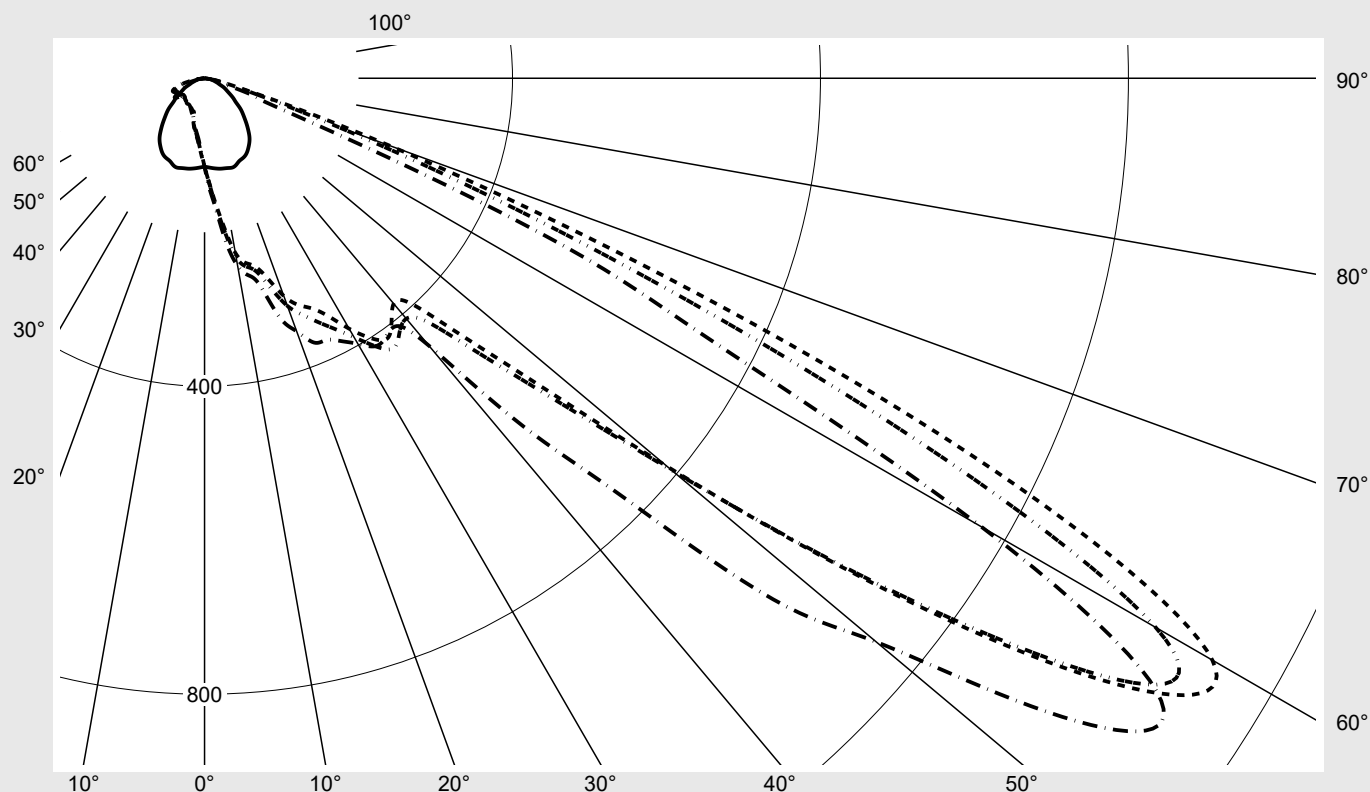
C245-65

C270-90

Imax: 1512 cd/klm

Hausseite

Straßenseite



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

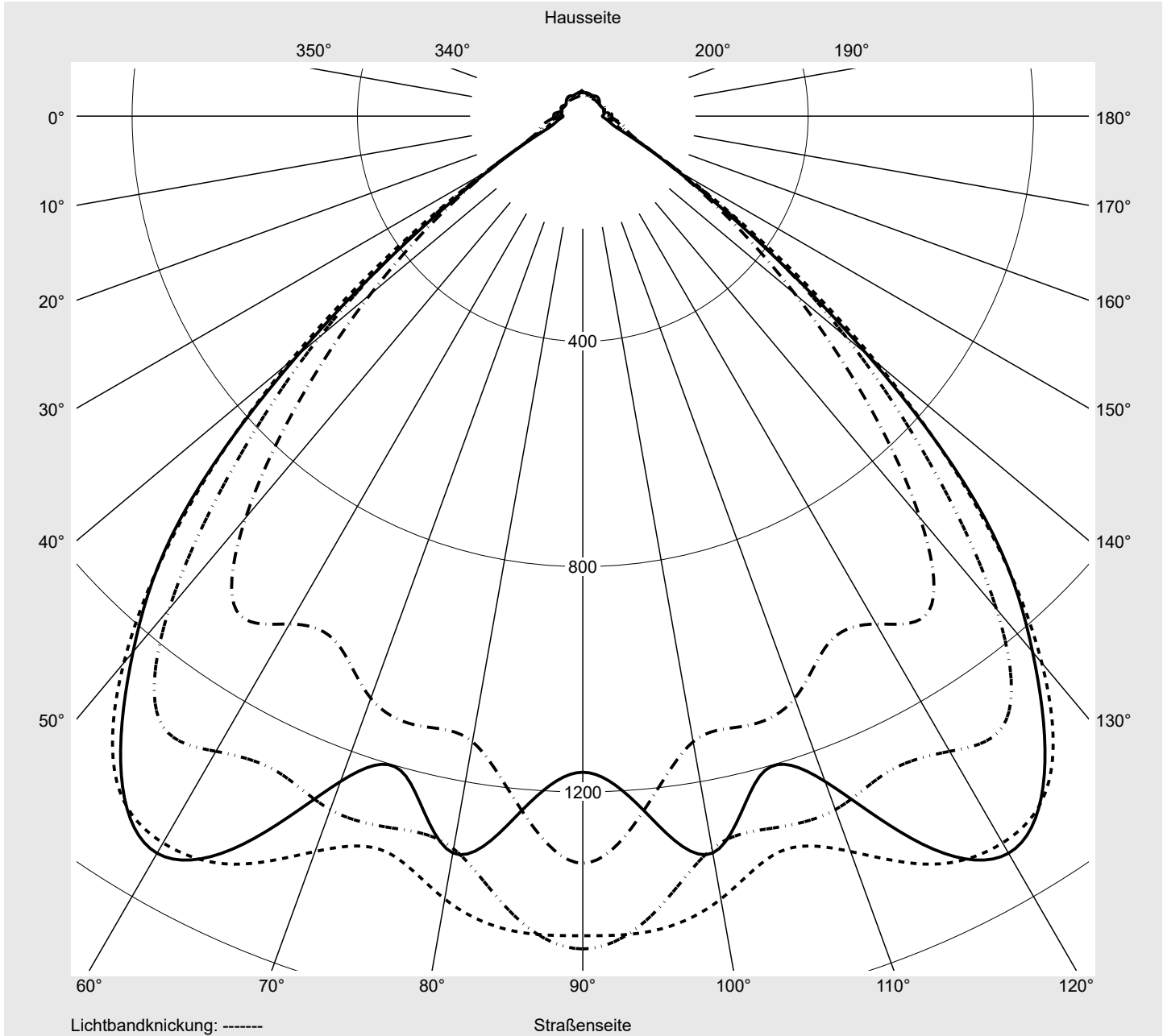
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



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Familie Floodlight FL11	Bestell-Nr.: 5XA779427F01BA EAN: 4058352883273	LP-Nummer 59254_76
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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°	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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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°	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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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°	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

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Dimmstufen-Tabelle	Umgebungstemperatur: 10°C	siteco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	132850	953.7
95	238	252	126303	891.2
90	223	249	119654	833.6
85	207	247	112805	772.2
80	193	244	106317	719.2
75	179	241	99751	666.0
70	166	238	92787	617.0
65	152	235	86386	564.1
60	137	231	79587	508.0
55	125	228	72859	463.5
50	113	224	66632	419.2
45	100	220	59596	371.1
40	88	215	53009	326.3
35	77	210	46495	286.3
30	65	204	39986	242.8
25	54	197	33449	203.4
20	42	188	26436	160.6
15	31	177	19628	122.6
10	20	161	13106	82.8
5	10	136	6856	47.5
2	3	91	2395	21.4

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	---	---	---	---
100	253	254	128905	942.2
95	237	251	122811	880.0
90	222	249	116344	822.6
85	206	246	109786	761.8
80	192	244	103631	708.9
75	177	241	96847	652.6
70	165	238	90505	608.0
65	150	235	84016	551.2
60	136	231	77691	499.2
55	124	228	71203	455.3
50	111	224	64538	407.7
45	99	219	58239	363.5
40	87	215	51727	319.4
35	76	210	45437	279.6
30	64	204	38771	236.6
25	53	197	32516	197.6
20	41	187	25580	155.3
15	31	177	19433	121.1
10	20	161	12986	81.8
5	9	132	6196	43.4
2	3	91	2375	21.1

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779427F01BA EAN: 4058352883273	LP-Nummer 59254_76
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Lichtstrom-Tabelle	siteco
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	132850.0	953.7
25.0	129330.0	946.0