

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779417T01AA
EAN: 4058352019450

LP-Nummer
59517_13



Ausführung Bügel gekröpft
Optik asymmetrisch strahlend PL33T
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 5000 K | CRI ≥ 70
Betriebsgerät EVG-DALI
Bemessungswerte Ta = 10 °C
Nettolichtstrom = 143560 lm
Systemleistung = 1021.9 W
Lichtausbeute = 140.5 lm/W

Seriendokumentation
24.11.2023

siteco

Lichtstärke in cd/klm

C180-0

C245-65

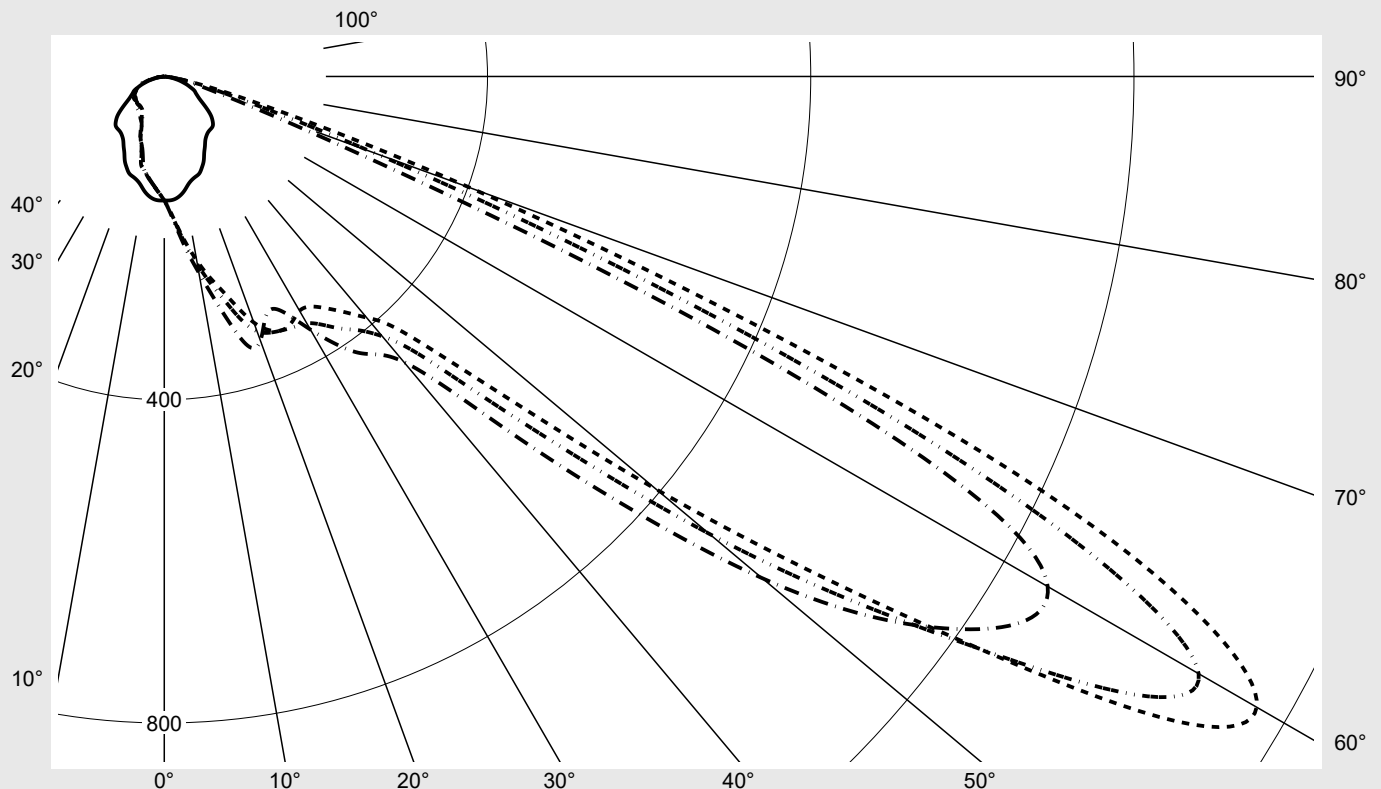
C250-70

C270-90

Imax: 1561 cd/klm

Hausseite

Straßenseite



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G4
Imax 70° 438.4
Imax 80° 22.0
Imax 90° 0.0
Imax >90° 0.0
Imax >95° 0.0

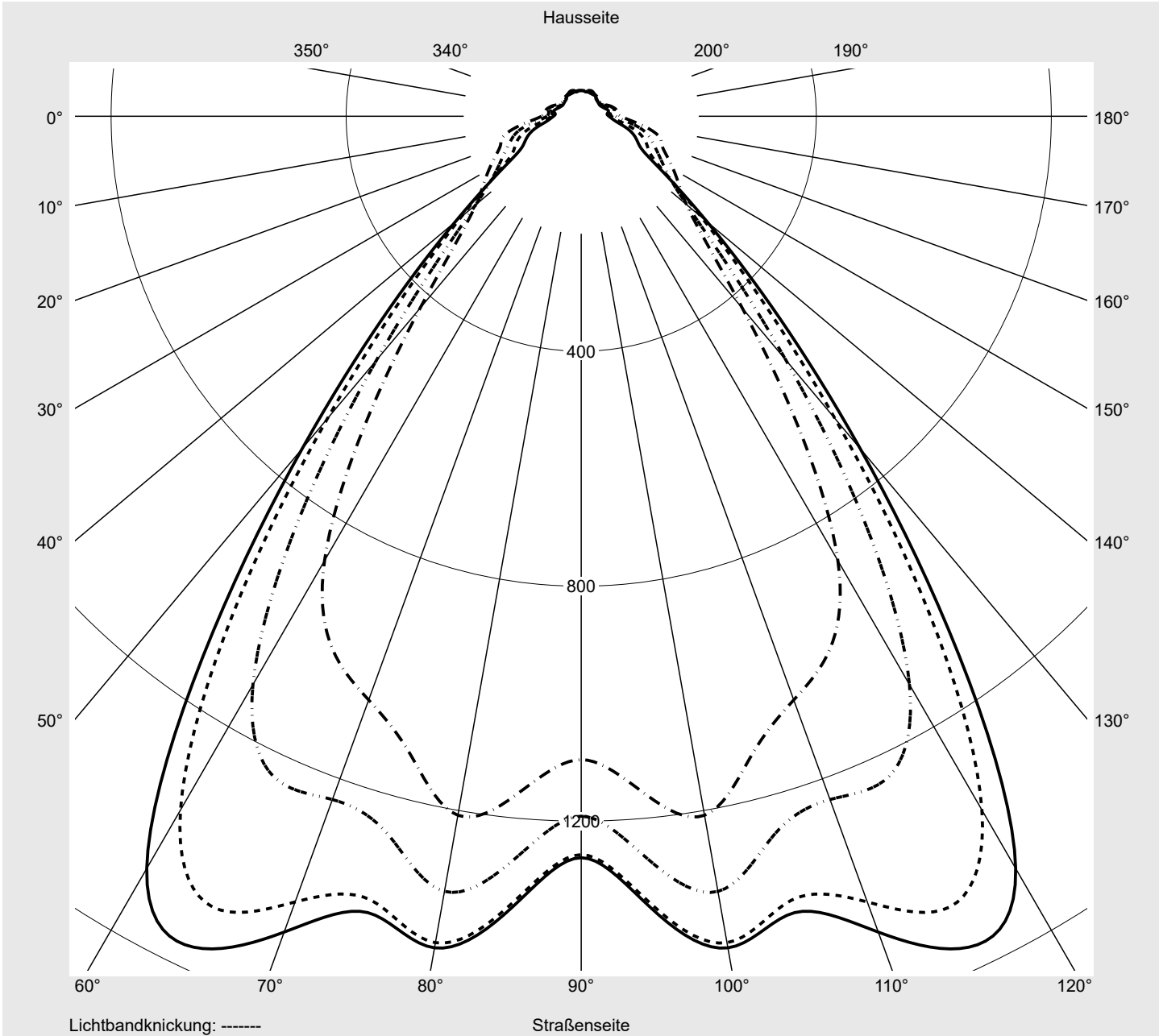
Messbedingungen

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.: 5XA779417T01AA EAN: 4058352019450	LP-Nummer 59517_13
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°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5
2,5°	153.5	154.7	156.0	157.2	158.4	159.5	160.6	161.7	162.7	163.7	164.6	165.4	166.2
5,0°	152.2	154.7	157.5	160.4	163.2	166.0	168.9	171.8	174.6	177.3	179.8	182.2	184.4
7,5°	148.8	152.6	156.9	161.4	165.9	170.6	175.9	180.9	185.9	191.0	196.0	200.7	205.0
10,0°	143.5	148.0	153.6	159.8	166.5	173.4	180.8	188.8	196.8	204.4	211.8	218.7	225.1
12,5°	136.9	142.5	149.3	157.0	165.3	174.6	185.0	195.6	206.1	216.0	225.4	234.7	243.8
15,0°	132.4	139.4	147.4	156.2	165.8	176.6	188.6	201.1	213.3	225.3	237.2	248.9	261.0
17,5°	129.8	138.9	148.6	158.9	170.0	182.1	195.0	207.8	220.7	234.1	248.2	263.6	280.5
20,0°	127.4	138.0	149.7	162.4	175.8	189.2	202.6	216.6	231.7	247.4	265.4	285.7	306.3
22,5°	121.8	134.6	148.8	164.4	179.8	194.7	210.5	229.0	248.6	269.7	291.2	312.3	329.5
25,0°	115.4	128.3	144.2	162.3	179.5	196.7	217.6	241.2	264.8	286.9	307.6	325.1	338.1
27,5°	107.0	120.3	137.3	156.9	176.4	200.1	228.1	254.7	276.7	291.5	303.3	315.3	329.3
30,0°	100.5	112.4	130.0	152.0	177.7	209.2	242.0	270.6	283.9	285.3	286.8	295.9	313.6
32,5°	94.4	106.8	125.8	153.6	186.7	224.7	263.0	287.7	287.8	278.9	276.0	286.6	309.0
35,0°	90.6	102.5	125.1	157.8	197.1	241.6	281.0	294.7	287.3	277.3	277.0	293.5	320.0
37,5°	88.2	102.3	128.5	162.3	205.4	253.8	283.2	285.2	279.0	277.2	283.6	304.3	336.6
40,0°	87.1	102.6	129.4	167.8	212.0	255.2	271.2	268.6	270.6	280.5	293.2	316.4	352.3
42,5°	86.6	103.1	132.1	176.4	217.8	247.4	255.2	255.7	269.9	288.1	304.2	330.1	371.6
45,0°	85.2	102.9	135.1	178.0	211.2	227.5	236.8	250.0	272.6	292.9	312.1	352.6	419.7
47,5°	81.1	101.2	135.7	170.5	193.7	203.3	220.2	242.8	265.2	289.3	324.4	401.1	514.1
50,0°	75.5	96.5	130.7	157.0	169.6	180.7	202.2	225.7	248.3	284.1	357.0	499.5	672.6
52,5°	67.5	85.1	114.4	138.2	146.4	161.2	181.1	203.2	233.8	297.3	426.7	642.1	873.6
55,0°	58.9	70.4	95.7	116.2	129.0	142.9	159.9	185.0	234.4	340.3	541.8	838.2	1117.2
57,5°	51.9	57.8	76.4	97.8	114.3	124.8	140.4	183.1	266.7	417.4	671.9	1032.2	1363.8
60,0°	47.2	53.4	63.8	81.5	96.1	106.8	125.4	179.1	280.4	458.4	738.7	1121.7	1478.7
62,5°	43.7	49.2	55.7	67.7	80.2	91.2	111.0	164.1	263.8	433.5	687.6	1065.2	1453.7
65,0°	40.8	45.0	49.9	59.2	68.7	76.5	91.9	130.2	201.3	339.7	544.8	850.5	1236.6
67,5°	35.3	40.1	43.3	50.2	55.8	59.1	65.1	85.3	130.7	222.0	359.1	551.7	806.5
70,0°	30.2	34.6	38.1	42.9	45.0	44.1	45.3	54.9	81.1	138.7	228.3	341.7	438.4
72,5°	24.5	28.7	32.5	35.0	35.1	34.5	31.8	35.9	51.0	83.4	130.3	190.0	237.4
75,0°	19.4	22.3	25.7	26.9	25.7	26.2	22.6	24.7	33.2	53.0	80.9	114.0	134.8
77,5°	13.6	16.3	18.0	18.2	18.0	19.1	16.4	18.0	23.2	34.4	46.3	54.8	54.6
80,0°	9.1	10.4	11.2	9.6	11.2	12.0	10.2	11.6	13.8	14.2	11.7	12.6	15.7
82,5°	4.9	6.0	5.5	5.0	5.8	6.1	5.5	6.1	6.8	5.9	5.9	6.4	7.8
85,0°	2.1	2.4	2.2	2.2	2.2	2.4	2.2	2.4	2.5	2.5	2.7	2.9	3.2
87,5°	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	1.0	1.0	1.1	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°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5
2,5°	166.9	167.5	167.9	168.2	168.8	168.9	152.6	151.7	150.7	149.8	148.9	148.1	147.4
5,0°	186.3	188.0	189.3	190.2	191.3	191.5	150.2	148.3	146.7	145.1	143.6	142.5	141.5
7,5°	208.8	212.1	214.8	216.7	218.3	218.7	145.9	143.4	141.5	139.7	137.9	136.3	135.0
10,0°	231.0	236.2	240.4	243.5	246.0	246.7	139.5	136.7	134.6	132.5	130.5	129.3	128.3
12,5°	252.8	261.1	268.3	274.0	278.3	279.4	132.5	129.3	126.9	124.7	123.0	122.1	121.4
15,0°	273.5	286.1	297.8	307.8	315.3	317.7	127.1	123.5	120.2	117.9	116.3	115.0	113.5
17,5°	298.5	315.1	329.1	340.6	348.5	351.0	123.1	118.3	114.4	111.7	109.6	107.5	106.4
20,0°	324.0	335.4	341.5	345.2	347.5	347.9	118.7	112.6	108.3	105.2	102.6	100.9	99.8
22,5°	339.9	343.1	339.3	333.0	327.7	325.5	112.5	105.7	100.8	97.4	95.0	93.3	92.6
25,0°	346.1	346.4	339.3	329.1	320.7	317.3	104.8	97.7	92.8	89.5	87.3	85.6	77.4
27,5°	342.4	349.2	346.7	340.0	334.7	332.7	97.3	90.2	85.6	82.6	80.4	72.7	68.0
30,0°	334.8	352.6	361.4	361.9	361.0	361.6	91.0	84.4	80.2	77.6	73.3	64.6	63.0
32,5°	337.6	364.3	380.7	386.5	388.9	391.4	86.7	80.7	76.4	73.9	66.1	61.6	60.0
35,0°	350.3	380.8	400.8	409.8	413.8	417.1	83.0	78.2	74.3	70.9	63.0	60.4	57.6
37,5°	367.8	396.0	417.4	427.0	431.0	433.7	80.3	76.6	73.7	67.3	62.4	58.4	54.4
40,0°	389.5	419.7	441.8	455.1	459.5	461.1	78.4	74.4	72.1	63.9	59.0	55.4	52.1
42,5°	420.8	465.9	501.1	527.7	532.2	532.2	76.3	71.5	68.1	62.2	56.9	53.2	50.4
45,0°	495.0	564.9	622.6	666.4	664.2	658.6	73.9	68.2	63.4	59.3	54.1	50.9	48.8
47,5°	618.4	704.8	777.8	839.5	823.9	808.3	71.2	66.1	60.5	56.2	50.8	47.2	45.6
50,0°	795.0	880.6	957.4	1034.8	999.6	965.7	67.1	64.2	58.3	53.3	47.6	43.8	42.4
52,5°	1001.2	1057.5	1124.3	1208.4	1151.9	1095.4	61.5	60.9	57.0	52.0	45.9	41.6	40.2
55,0°	1239.9	1237.9	1266.8	1340.0	1266.8	1191.7	55.6	56.8	55.7	50.2	44.4	40.0	38.7
57,5°	1485.1	1423.5	1381.8	1428.6	1344.5	1257.2	49.4	51.6	51.0	45.9	41.3	38.5	37.7
60,0°	1560.9	1478.1	1403.6	1437.6	1352.2	1262.3	44.3	47.2	45.2	41.3	38.6	36.8	36.7
62,5°	1443.4	1316.9	1237.3	1277.1	1214.8	1141.6	40.2	43.6	41.2	38.2	38.0	34.7	34.7
65,0°	1162.2	977.8	893.2	903.2	851.1	796.1	35.6	39.6	37.9	35.1	37.7	33.5	32.3
67,5°	745.1	572.2	483.6	445.3	393.9	356.5	31.0	34.3	34.0	32.0	34.0	30.2	29.8
70,0°	403.1	275.5	207.6	185.5	164.2	149.9	27.1	28.2	29.4	27.6	28.2	25.8	26.1
72,5°	188.8	127.1	103.1	92.6	82.9	76.5	22.7	23.9	24.0	22.5	22.0	21.2	21.5
75,0°	91.4	68.9	61.6	56.0	49.6	47.0	17.3	17.3	17.5	17.6	18.7	19.3	17.4
77,5°	45.5	41.6	38.0	36.2	30.1	29.3	11.8	11.7	12.1	13.3	13.4	16.2	13.8
80,0°	20.0	22.0	21.6	21.0	17.8	16.6	7.6	7.9	8.2	8.4	9.1	9.7	8.9
82,5°	9.7	9.9	9.9	10.6	9.1	8.5	4.3	4.8	5.2	5.3	5.3	4.8	4.8
85,0°	3.4	3.5	3.5	3.8	3.7	3.6	2.0	2.2	2.6	2.5	2.5	2.2	2.4
87,5°	1.3	1.3	1.4	1.4	1.5	1.5	0.7	0.7	0.8	0.9	1.0	1.1	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	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°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	0.2	0.2
2,5°	146.7	146.1	145.6	145.1	144.8	144.6	144.5	144.2	144.1	144.3	144.3	1.9	2.1
5,0°	140.4	139.4	138.7	138.0	137.6	137.3	137.0	136.8	136.7	136.8	136.8	3.8	5.9
7,5°	133.9	133.0	132.2	131.6	131.0	130.7	130.4	130.2	129.9	130.0	130.0	5.8	11.7
10,0°	127.6	126.9	126.0	125.1	124.4	124.1	123.8	123.5	123.5	123.5	123.5	7.8	19.5
12,5°	120.3	119.5	118.9	118.3	117.8	117.5	117.2	117.1	116.9	117.0	116.9	9.9	29.4
15,0°	112.8	112.0	111.7	111.7	111.9	111.5	109.2	106.3	104.1	102.8	102.3	12.0	41.5
17,5°	105.4	104.8	104.4	100.3	95.6	93.4	92.2	91.6	91.3	91.2	91.3	14.2	55.7
20,0°	99.1	93.9	87.9	86.9	86.8	86.0	85.0	84.2	84.0	84.3	84.4	16.2	71.9
22,5°	84.6	80.6	80.5	80.1	79.0	77.2	75.5	74.4	74.3	74.7	75.0	18.1	90.0
25,0°	74.4	74.2	73.7	72.7	70.7	68.1	65.9	65.0	65.4	66.1	66.2	19.7	109.6
27,5°	67.7	67.3	66.5	65.5	63.5	60.7	58.7	58.5	59.3	60.6	61.8	21.1	130.8
30,0°	62.5	61.8	60.9	59.9	58.2	55.7	54.1	54.0	55.0	57.5	59.1	22.7	153.4
32,5°	59.1	58.1	56.8	55.7	53.9	51.4	50.2	50.6	52.7	54.2	55.1	24.6	178.0
35,0°	55.4	54.0	52.7	51.5	50.2	48.8	48.4	50.2	51.3	52.2	53.5	26.8	204.8
37,5°	52.0	50.9	49.8	49.0	48.3	47.5	48.0	49.5	50.0	51.4	52.7	28.9	233.8
40,0°	49.6	48.7	48.4	47.4	46.9	46.9	47.8	48.7	49.5	50.5	51.9	31.2	264.9
42,5°	47.9	47.0	46.8	46.3	46.9	47.0	47.5	48.1	48.7	50.0	51.3	34.4	299.4
45,0°	47.1	45.9	46.2	46.1	47.1	47.4	47.1	47.3	47.6	48.7	49.8	39.5	338.9
47,5°	45.0	44.4	44.4	45.0	46.0	46.5	46.1	46.2	46.2	46.7	47.5	46.0	384.8
50,0°	42.2	42.4	43.1	44.4	45.1	46.4	46.2	45.9	45.3	45.1	45.5	54.2	439.1
52,5°	39.9	40.9	42.7	43.5	44.4	46.3	46.6	45.5	44.6	44.2	44.4	63.3	502.4
55,0°	38.6	39.7	41.9	42.7	44.3	45.5	46.0	44.6	43.9	43.7	43.7	73.4	575.8
57,5°	37.7	38.8	40.3	42.6	43.6	44.1	44.3	43.7	43.2	44.3	44.2	83.8	659.6
60,0°	37.1	37.8	39.0	41.9	41.9	42.0	42.3	42.8	42.2	43.6	43.8	88.5	748.1
62,5°	35.3	36.0	37.3	38.7	39.6	39.7	40.2	40.6	39.9	40.7	40.9	83.1	831.2
65,0°	32.7	34.0	35.1	35.5	36.2	38.3	38.5	38.9	38.5	37.7	37.8	66.0	897.2
67,5°	30.0	31.7	32.4	32.7	33.6	36.0	36.4	37.5	37.3	36.0	35.7	41.6	938.7
70,0°	26.7	28.8	28.1	29.0	30.7	32.1	33.6	35.6	35.1	34.4	34.3	24.3	963.1
72,5°	22.7	24.0	22.5	23.6	25.5	27.4	29.7	32.1	32.0	31.6	31.5	14.7	977.8
75,0°	17.5	18.2	18.7	19.6	21.2	23.0	25.5	27.2	26.0	23.6	22.4	9.7	987.5
77,5°	13.1	13.8	14.6	15.7	16.8	18.1	20.1	19.5	17.1	16.5	16.4	6.1	993.6
80,0°	8.7	10.1	10.8	11.9	12.2	12.7	13.4	12.7	12.1	12.1	12.0	3.3	996.9
82,5°	5.4	6.5	7.4	8.0	8.4	8.6	8.9	8.6	8.2	8.1	8.1	1.9	998.8
85,0°	2.7	3.4	4.1	4.1	4.2	4.5	4.3	4.1	4.1	4.2	4.3	0.8	999.6
87,5°	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.4	2.5	2.6	2.6	0.4	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

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	252	254	142684	1014.0
95	238	252	136403	957.4
90	223	249	129360	897.1
85	208	247	122196	837.0
80	193	244	114669	776.9
75	179	241	107502	721.1
70	166	238	100694	669.5
65	152	235	93305	614.5
60	139	232	86223	563.1
55	126	228	78998	512.4
50	113	224	71571	461.6
45	101	220	64565	415.2
40	89	216	57380	368.4
35	77	210	50072	322.6
30	66	205	43129	280.7
25	55	198	36202	238.9
20	43	189	28517	194.5
15	32	178	21479	148.1
10	21	163	14233	102.5
5	10	136	6883	55.4
1	3	91	1915	27.7

Dimmstufen-Tabelle Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
98	245	253	136059	978.9
95	237	252	132568	946.8
90	221	249	125417	882.7
85	206	246	118561	822.7
80	192	244	111716	767.1
75	177	241	104302	707.7
70	164	238	97797	656.2
65	150	235	90617	601.7
60	137	232	83743	550.9
55	124	228	76717	500.4
50	112	224	69972	453.8
45	99	220	62599	403.8
40	87	215	55517	357.7
35	76	210	48959	316.0
30	64	204	41572	270.7
25	53	197	34635	229.3
20	42	188	27714	189.0
15	31	177	20731	141.9
10	21	163	14166	101.5
5	10	136	6860	54.8
1	3	92	1910	27.4

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779417T01AA
EAN: 4058352019450

LP-Nummer
59517_13

Lichtstrom-Tabelle

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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	143560.0	1021.9
25.0	136890.0	986.7