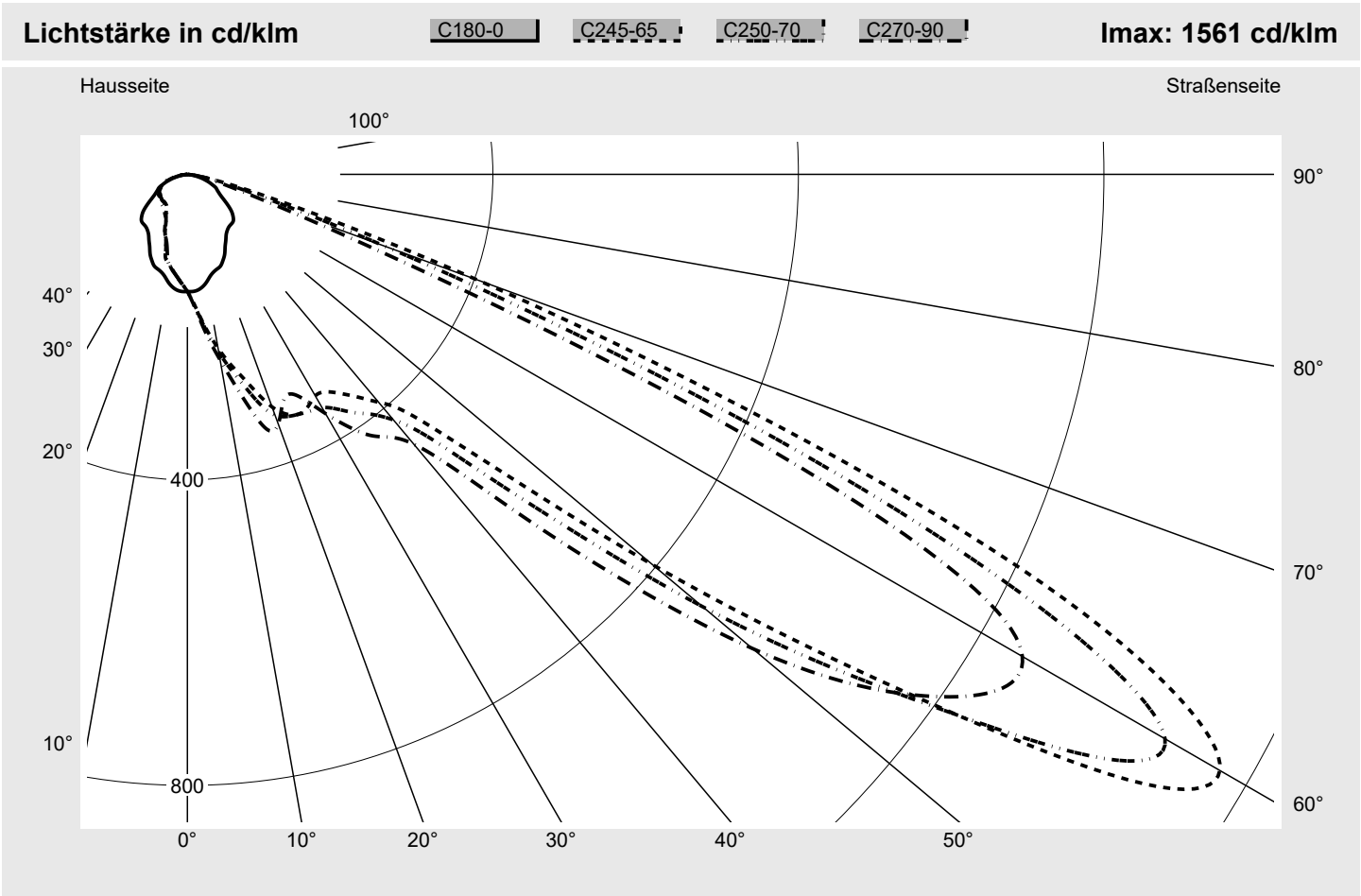


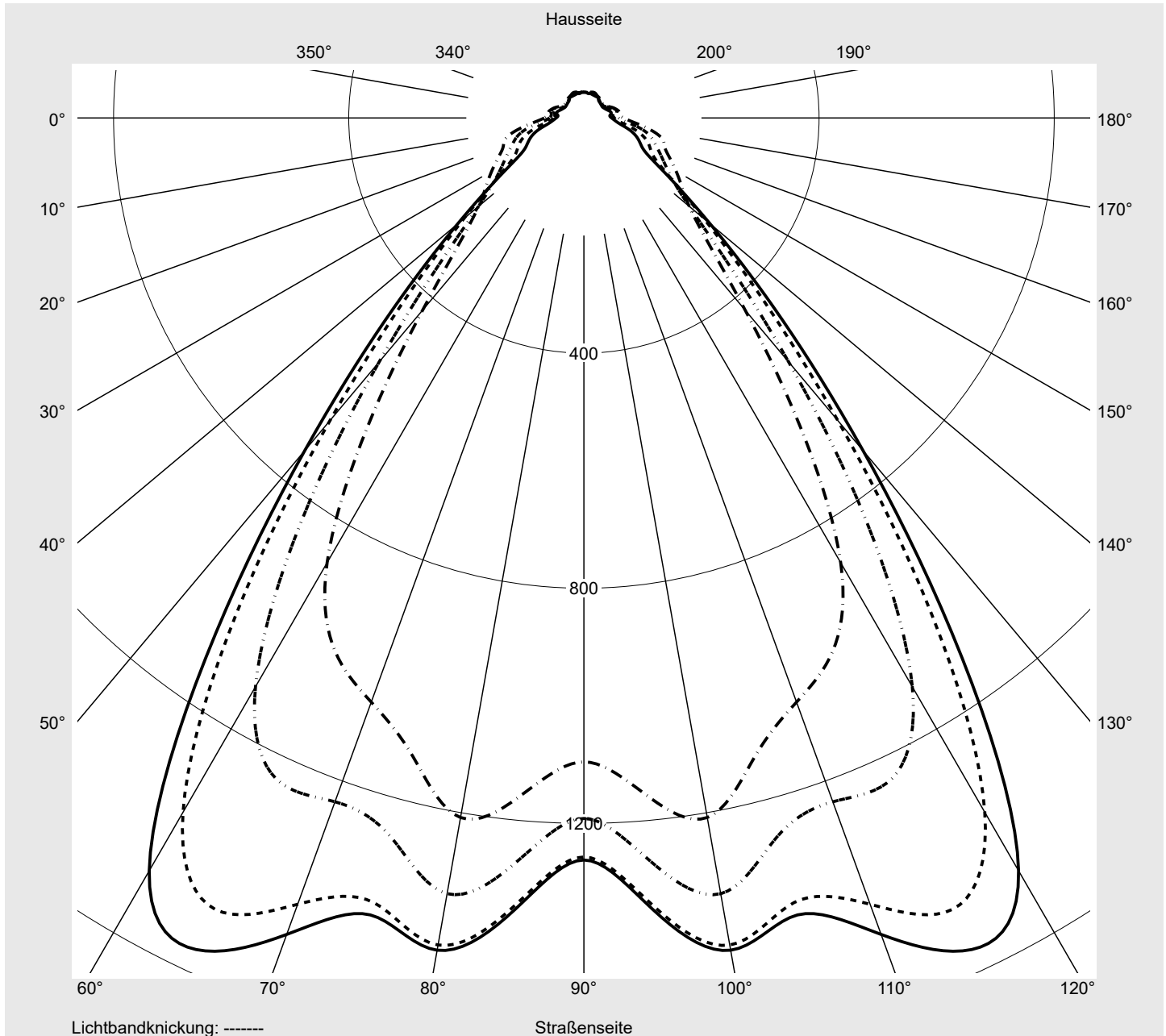
Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779925T01AB EAN: 4069025145826	LP-Nummer 59517_142
	Ausführung Optik Abdeckung Bestückung Betriebsgerät Bemessungswerte	Bügel gekröpft asymmetrisch strahlend PL33T Einscheibensicherheitsglas (ESG) LED 3000 K CRI ≥ 70 EVG-DALI Ta = 0 °C Nettolichtstrom = 238020 lm Systemleistung = 1901.6 W Lichtausbeute = 125.2 lm/W
	Seriendokumentation 12.09.2024	

siteco



Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G4
Eta 0° - 90°	100.0%	Imax 70°	438.4
Eta 90° - 180°	0.0%	Imax 80°	22.0
Messbedingungen		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
DIN EN 13032 und DIN 5032			

Lichttechnischer Prüfbefund**Familie**
Floodlight FL11**Bestell-Nr.: 5XA779925T01AB**
EAN: 4069025145826**LP-Nummer**
59517_142**Kegelmantelkurven in cd/klm****KMK 60°****KMK 57.5°****KMK 55°****KMK 52.5°****sit**eco

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779925T01AB EAN: 4069025145826								LP-Nummer 59517_142	
Wertetabelle Lichtstärkemessung												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

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779925T01AB EAN: 4069025145826								LP-Nummer 59517_142		
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	

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779925T01AB EAN: 4069025145826								LP-Nummer 59517_142	
Wertetabelle Lichtstärkemessung												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

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779925T01AB EAN: 4069025145826	LP-Nummer 59517_142
Dimmstufen-Tabelle Umgebungstemperatur: 0°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
100	253	254	237322	1893.9
95	237	251	226372	1769.9
90	220	249	213900	1639.2
85	205	246	202493	1525.2
80	190	243	190547	1411.5
75	175	240	178131	1299.0
70	162	238	166901	1201.3
65	148	234	154745	1096.5
60	135	231	142918	1000.6
55	122	227	130733	904.4
50	110	223	119179	816.5
45	98	219	107370	728.8
40	86	214	95217	641.2
35	74	209	82897	554.0
30	63	203	71178	475.0
25	52	196	59169	396.1
20	41	187	47059	317.0
15	31	177	36012	247.5
10	20	161	23360	171.8
5	10	136	11924	91.7
1	2	77	2254	29.2

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C
---------------------------	---------------------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
80	----	----	----	----
78	179	241	174380	1312.6
75	172	240	168944	1260.7
70	158	237	157644	1156.8
65	144	233	146178	1053.4
60	131	230	134965	958.3
55	118	226	123410	863.6
50	106	222	112379	776.2
45	94	218	101014	689.3
40	83	213	90282	610.5
35	72	208	79247	531.8
30	60	201	67070	446.6
25	50	195	56201	375.3
20	40	186	45420	305.3
15	29	175	33570	230.1
10	19	159	22142	160.3
5	9	132	10752	82.2
1	2	77	2253	28.6

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779925T01AB EAN: 4069025145826	LP-Nummer 59517_142
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	238020.0	1901.6
25.0	174380.0	1312.6