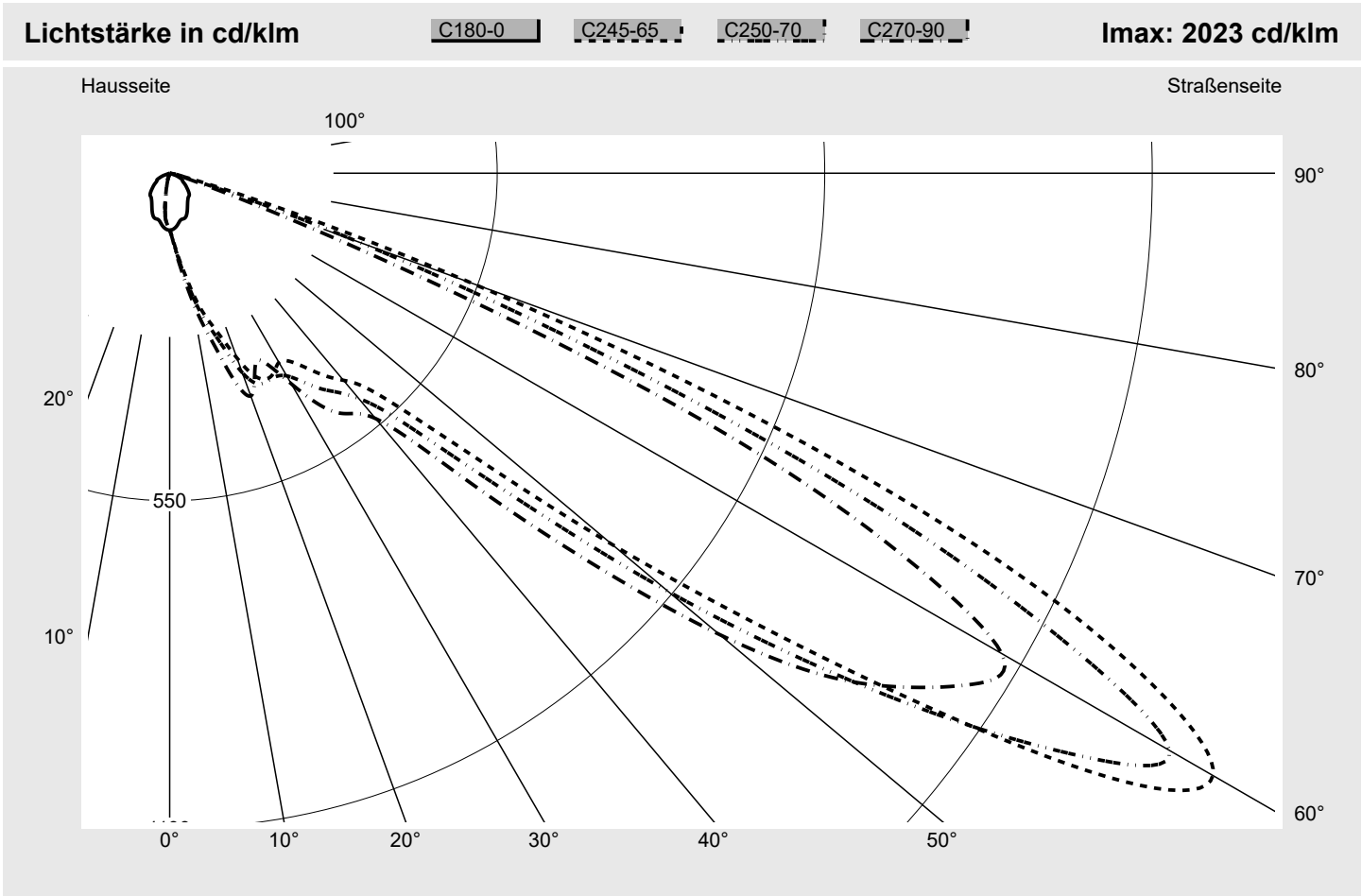
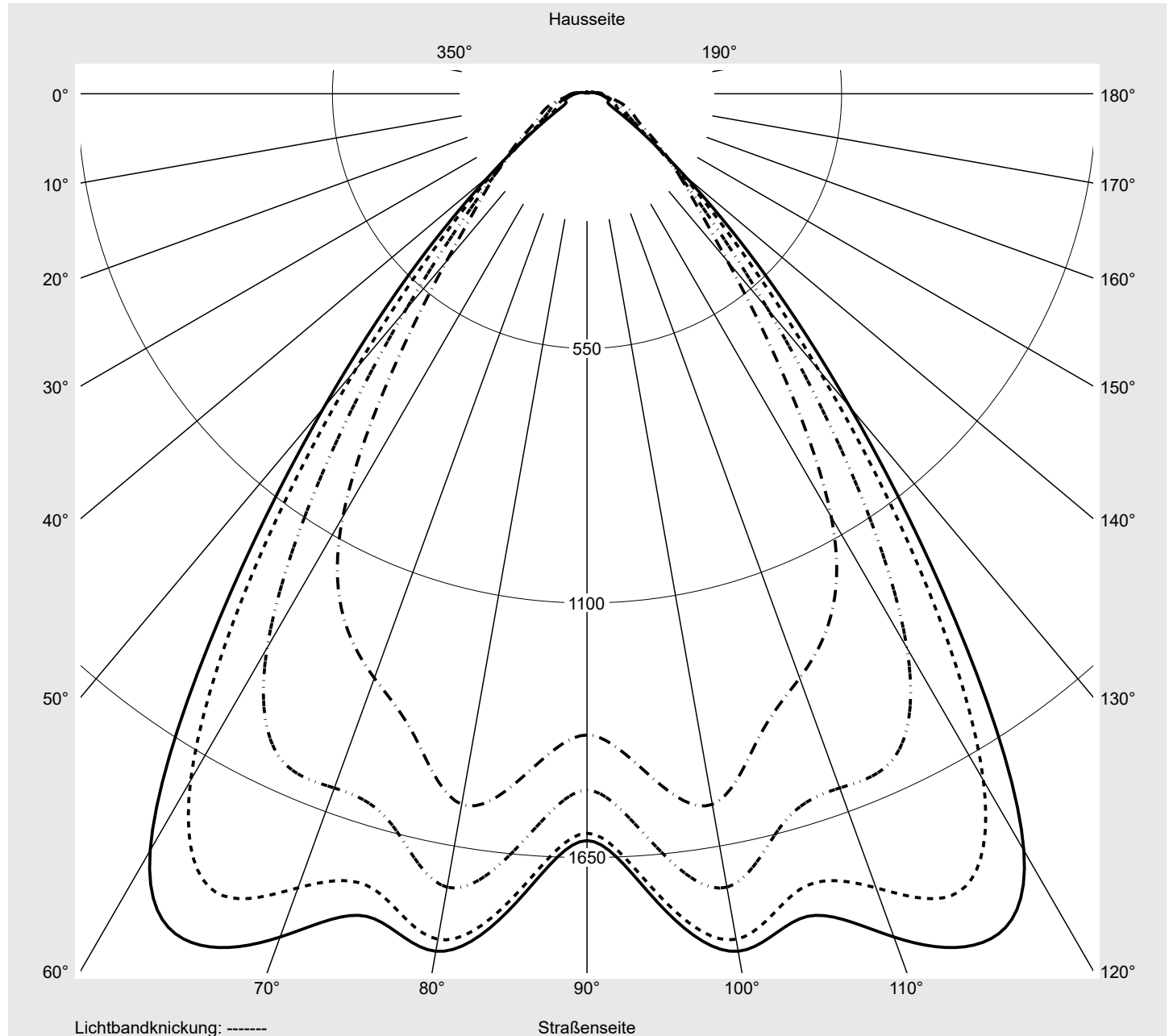


Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779118X01GB EAN: 4069025139474	LP-Nummer 59552_67
	Ausführung Optik Abdeckung Bestückung Betriebsgerät Bemessungswerte	Bügel gekröpft asymmetrisch strahlend PL33T mit Back Light Control Einscheibensicherheitsglas (ESG) LED 5700 K CRI ≥ 80 EVG-DALI Ta = 15 °C Nettolichtstrom = 91140 lm Systemleistung = 901.4 W Lichtausbeute = 101.1 lm/W
		Seriodokumentation 07.08.2024
		siteco



Leuchtenbetriebswirkungsgrade	Lichtstärkeklasse nach EN13201-2
Eta100.0% Eta 0° - 90°100.0% Eta 90° - 180°0.0%	Klasse: G3 Imax 70°555.3 Imax 80°11.9 Imax 90°0.0 Imax >90°0.0 Imax >95°0.0
Messbedingungen	
DIN EN 13032 und DIN 5032	

Lichttechnischer Prüfbefund**Familie**
Floodlight FL11**Bestell-Nr.: 5XA779118X01GB**
EAN: 4069025139474**LP-Nummer**
59552_67**Kegelmantelkurven in cd/klm****KMK 60°****KMK 57.5°****KMK 55°****KMK 52.5°****siteco**

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779118X01GB EAN: 4069025139474								LP-Nummer 59552_67	
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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2,5°	94.9	95.1	96.2	97.4	98.7	100.0	101.3	102.5	103.7	104.9	106.1	107.2	108.2
5,0°	92.9	94.1	96.5	99.1	101.9	105.1	108.5	112.1	115.8	119.4	122.8	126.1	129.2
7,5°	89.6	91.7	95.3	99.5	104.6	110.3	116.4	122.5	128.8	135.2	141.4	147.7	153.3
10,0°	85.3	88.2	93.2	99.7	107.2	115.3	123.7	132.3	141.2	151.1	161.1	171.3	181.3
12,5°	81.4	85.5	92.1	100.5	109.7	119.7	130.4	142.6	155.6	169.6	184.6	199.3	214.2
15,0°	80.0	85.8	94.3	104.4	114.9	126.4	140.3	156.1	173.8	193.0	211.9	228.4	243.5
17,5°	79.9	87.6	98.4	110.1	122.0	136.6	153.6	172.7	192.5	211.0	228.3	246.4	266.9
20,0°	78.4	87.8	100.5	114.2	129.7	148.2	168.9	189.8	207.9	225.3	246.3	271.3	300.7
22,5°	74.7	85.7	100.2	117.0	137.8	161.0	183.4	203.6	224.9	249.5	278.2	308.8	340.0
25,0°	69.8	81.5	97.2	117.7	143.2	168.1	190.1	215.3	243.0	274.3	308.6	339.3	365.4
27,5°	64.6	75.9	92.4	116.7	146.1	172.4	200.1	232.6	264.3	294.6	321.2	341.9	361.1
30,0°	60.0	70.6	88.4	117.6	151.0	183.3	218.3	257.9	288.5	303.1	310.4	320.4	340.0
32,5°	56.2	66.8	86.9	121.5	159.4	198.1	242.6	290.3	311.0	304.6	295.6	304.3	335.0
35,0°	53.4	64.6	87.2	121.2	163.4	211.4	264.4	309.9	316.0	300.7	293.9	312.3	353.0
37,5°	51.2	64.5	85.1	114.4	163.4	220.4	274.9	303.6	301.2	295.9	301.3	326.5	377.6
40,0°	50.2	64.4	80.3	109.5	160.7	219.2	266.0	276.8	283.6	300.2	315.2	342.8	395.9
42,5°	48.7	63.2	77.3	110.4	162.0	212.2	245.7	253.1	280.4	311.7	330.6	358.7	415.7
45,0°	45.3	60.5	74.0	109.5	158.2	193.8	215.1	238.0	286.5	321.9	342.6	384.6	471.8
47,5°	41.2	55.5	66.2	99.4	140.4	164.7	185.9	226.5	280.1	321.5	356.5	444.4	591.0
50,0°	37.3	48.0	58.4	87.0	116.9	136.3	160.4	207.7	260.3	316.2	394.3	561.6	793.7
52,5°	33.8	41.1	51.6	74.9	95.6	112.8	135.7	183.4	244.2	326.9	472.6	736.5	1055.3
55,0°	29.9	36.4	45.6	64.2	78.8	91.2	111.3	158.3	238.2	366.9	608.8	990.5	1382.4
57,5°	26.4	33.2	42.1	56.2	65.5	72.4	95.1	156.0	263.2	448.0	777.4	1252.6	1712.6
60,0°	24.7	31.8	39.1	47.7	48.9	51.7	77.0	142.7	275.1	520.5	884.1	1384.8	1887.5
62,5°	23.9	29.7	35.4	38.9	34.8	37.6	60.5	121.7	256.3	497.9	841.5	1324.2	1876.0
65,0°	20.0	24.7	30.4	33.6	26.6	27.4	47.5	97.4	195.0	387.8	667.7	1054.4	1586.9
67,5°	15.3	20.0	25.2	23.9	17.3	18.9	30.0	58.8	119.5	239.3	427.2	690.4	1052.9
70,0°	10.8	15.1	19.9	16.4	11.8	10.8	15.6	32.7	72.2	146.6	268.8	415.2	555.3
72,5°	7.1	10.6	13.8	9.8	6.8	6.6	9.5	18.7	41.9	83.9	143.4	210.1	267.5
75,0°	4.2	6.7	6.9	5.1	3.9	4.4	6.7	10.9	21.3	43.9	73.5	88.1	92.5
77,5°	2.7	4.3	3.1	2.5	2.1	2.6	4.1	6.5	11.6	10.8	10.2	10.4	11.7
80,0°	1.3	1.9	1.3	1.0	0.9	1.4	2.5	3.2	3.6	3.8	4.0	4.6	6.1
82,5°	0.5	0.6	0.5	0.4	0.4	0.8	1.3	1.5	1.6	1.8	2.0	2.3	2.9
85,0°	0.4	0.4	0.4	0.3	0.2	0.4	0.6	0.7	0.7	0.8	0.9	1.0	1.1
87,5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4
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.: 5XA779118X01GB EAN: 4069025139474								LP-Nummer 59552_67		
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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
2,5°	109.3	109.9	110.5	111.0	111.2	111.3	93.3	92.6	91.8	91.1	90.5	89.8	89.3	
5,0°	132.1	134.7	136.4	137.8	138.8	139.3	90.5	89.0	87.5	86.2	85.0	84.0	82.9	
7,5°	158.8	163.8	167.5	170.6	172.4	173.0	86.8	84.6	82.7	81.0	79.2	77.4	75.6	
10,0°	191.1	199.5	206.7	212.1	215.3	216.1	82.0	79.5	77.1	74.6	72.2	69.6	66.7	
12,5°	228.1	239.7	249.1	255.9	259.8	261.6	77.7	74.9	71.9	68.8	65.5	61.3	55.2	
15,0°	258.2	272.7	286.2	297.9	310.0	308.4	74.9	71.2	67.1	63.1	57.8	50.4	42.5	
17,5°	289.6	311.9	333.0	351.5	364.1	368.7	73.0	68.0	62.9	57.3	49.3	40.4	32.1	
20,0°	330.2	356.3	375.0	388.5	395.9	398.0	69.9	63.4	56.9	49.1	39.9	30.8	24.7	
22,5°	366.7	382.4	385.6	381.7	376.1	372.4	65.2	57.4	49.0	39.6	31.0	24.2	20.9	
25,0°	381.5	385.8	377.8	364.8	353.0	347.6	59.3	50.2	39.7	30.3	24.2	20.2	12.5	
27,5°	378.0	385.2	381.5	374.3	367.8	366.1	54.0	43.5	31.6	24.0	20.5	13.5	10.4	
30,0°	366.9	393.0	405.7	407.0	407.2	408.3	49.9	38.4	25.1	20.4	16.8	10.8	9.6	
32,5°	374.5	415.0	442.0	451.1	453.3	456.5	46.8	34.3	20.9	18.2	12.4	9.9	8.8	
35,0°	398.7	441.7	472.8	485.0	487.9	490.9	44.1	30.6	18.4	16.2	11.0	9.3	7.9	
37,5°	428.7	463.9	492.4	505.1	507.0	508.7	41.7	27.4	16.7	13.2	10.3	8.3	7.2	
40,0°	454.1	493.9	515.9	532.4	536.8	537.9	38.9	24.3	15.6	11.9	9.5	7.4	6.8	
42,5°	489.2	550.5	586.8	619.0	623.4	622.3	35.5	20.4	14.0	11.4	8.8	7.1	6.6	
45,0°	576.4	669.3	735.8	795.0	792.8	786.0	32.2	16.7	12.3	11.3	8.4	6.6	6.1	
47,5°	733.6	852.2	946.3	1030.3	1010.7	986.2	29.1	14.5	12.0	11.0	7.9	5.9	5.3	
50,0°	969.9	1092.1	1200.2	1308.1	1257.4	1205.0	26.9	14.0	12.7	11.1	7.6	5.2	4.6	
52,5°	1245.8	1343.3	1437.7	1558.8	1471.9	1385.3	24.6	14.9	13.8	10.9	7.1	4.4	4.1	
55,0°	1577.6	1596.0	1633.0	1740.5	1624.7	1504.5	22.4	14.8	12.9	10.2	5.4	3.9	3.7	
57,5°	1901.9	1825.5	1779.0	1854.7	1733.5	1597.4	20.0	14.4	11.6	8.8	4.0	3.5	3.4	
60,0°	2022.8	1938.6	1839.7	1881.0	1753.9	1613.4	18.1	14.8	10.3	6.6	3.5	3.2	3.0	
62,5°	1861.2	1678.3	1551.2	1598.4	1499.9	1383.8	16.1	14.5	8.7	4.0	3.1	2.8	2.6	
65,0°	1528.6	1268.7	1152.1	1165.0	1093.8	1008.1	13.1	13.4	6.7	3.1	2.6	2.3	2.2	
67,5°	1045.8	751.9	631.8	585.7	520.1	465.0	9.9	10.0	3.9	2.4	2.0	1.9	2.1	
70,0°	540.3	336.9	231.7	193.6	156.7	132.9	7.1	6.6	2.5	1.8	1.6	1.6	1.9	
72,5°	188.4	85.8	58.9	49.2	41.0	36.1	4.3	3.3	1.9	1.4	1.3	1.4	1.7	
75,0°	40.5	29.7	31.6	30.9	24.4	21.3	2.4	2.0	1.3	1.1	1.1	1.2	1.4	
77,5°	15.4	17.6	18.3	19.8	14.5	12.2	1.5	1.2	0.9	0.8	0.8	0.9	1.2	
80,0°	8.9	9.5	9.4	11.9	8.5	7.0	0.8	0.7	0.5	0.5	0.5	0.7	0.9	
82,5°	3.8	4.3	4.1	5.6	4.2	3.3	0.4	0.4	0.3	0.3	0.3	0.5	0.7	
85,0°	1.4	1.4	1.3	1.6	1.4	1.2	0.3	0.3	0.2	0.2	0.3	0.3	0.4	
87,5°	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.2	
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.: 5XA779118X01GB EAN: 4069025139474								LP-Nummer 59552_67	
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°	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	0.1	0.1
2,5°	88.8	88.4	87.9	87.7	87.4	87.2	87.1	86.9	86.8	86.8	86.7	1.2	1.3
5,0°	82.0	81.1	80.2	79.5	78.7	78.0	77.4	77.0	76.7	76.5	76.4	2.4	3.7
7,5°	73.7	71.9	69.7	67.6	65.2	62.9	60.8	59.3	58.0	57.3	57.0	3.7	7.4
10,0°	62.9	58.0	52.9	48.1	43.7	40.2	37.5	35.4	34.0	33.2	32.9	5.0	12.3
12,5°	48.5	41.5	35.6	30.9	27.6	25.6	24.4	23.7	23.3	23.2	23.1	6.5	18.8
15,0°	35.0	29.2	25.3	23.6	22.8	21.8	19.4	16.8	14.8	13.7	13.9	8.3	27.1
17,5°	26.3	23.7	22.1	17.2	13.0	11.5	10.9	10.6	10.3	10.2	10.2	10.3	37.4
20,0°	22.3	16.7	11.8	10.7	10.2	9.8	9.5	9.3	9.1	9.1	9.0	12.4	49.8
22,5°	13.5	10.8	10.0	9.5	9.1	8.9	8.6	8.4	8.3	8.2	8.2	14.4	64.2
25,0°	10.4	9.6	9.0	8.6	8.3	8.1	7.9	7.8	7.7	7.6	7.6	16.0	80.2
27,5°	9.5	8.7	8.2	7.9	7.6	7.5	7.4	7.3	7.2	7.2	7.1	17.7	97.9
30,0°	8.7	8.0	7.6	7.3	7.1	7.0	6.9	6.8	6.8	6.7	6.7	19.6	117.4
32,5°	7.8	7.4	7.0	6.8	6.6	6.5	6.3	6.2	6.1	6.0	6.0	21.9	139.4
35,0°	7.2	6.9	6.6	6.3	6.1	5.9	5.8	5.6	5.5	5.5	5.5	24.4	163.8
37,5°	6.8	6.4	6.1	5.8	5.5	5.4	5.3	5.2	5.1	5.0	5.0	26.5	190.2
40,0°	6.4	6.0	5.6	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.8	28.6	218.8
42,5°	6.1	5.7	5.4	5.1	4.9	5.0	4.9	4.8	4.6	4.5	4.5	31.9	250.7
45,0°	5.6	5.2	5.0	4.8	4.7	4.8	4.7	4.5	4.4	4.3	4.2	37.7	288.5
47,5°	5.0	4.7	4.5	4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.1	45.9	334.4
50,0°	4.4	4.3	4.2	4.1	4.1	4.2	4.2	4.2	4.1	4.1	4.1	56.8	391.1
52,5°	4.0	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	69.1	460.2
55,0°	3.6	3.6	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0	3.9	82.6	542.8
57,5°	3.2	3.4	3.6	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	96.3	639.1
60,0°	2.9	3.1	3.5	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.7	103.9	743.1
62,5°	2.6	3.0	3.4	3.5	3.7	3.7	3.6	3.6	3.6	3.6	3.6	95.6	838.6
65,0°	2.5	3.0	3.3	3.4	3.5	3.5	3.4	3.4	3.4	3.4	3.4	75.8	914.5
67,5°	2.4	2.8	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	46.2	960.7
70,0°	2.2	2.5	2.7	2.9	3.0	3.0	3.0	3.0	2.9	2.9	2.9	22.7	983.4
72,5°	2.0	2.3	2.5	2.7	2.9	2.7	2.6	2.6	2.6	2.5	2.5	9.5	992.9
75,0°	1.7	2.0	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	4.2	997.1
77,5°	1.4	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.5	998.6
80,0°	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	0.8	999.4
82,5°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.4	999.8
85,0°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	999.9
87,5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	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.: 5XA779118X01GB EAN: 4069025139474	LP-Nummer 59552_67
Dimmstufen-Tabelle Umgebungstemperatur: 15°C		siteco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	252	254	90602	894.4
95	238	252	86640	844.7
90	222	249	81883	788.5
85	208	247	77536	738.9
80	193	244	72829	686.5
75	179	241	68439	637.7
70	165	238	63843	589.1
65	151	235	59153	540.6
60	138	232	54646	495.9
55	125	228	50043	451.3
50	113	224	45714	410.4
45	100	220	40845	365.7
40	88	215	36303	325.3
35	77	210	31901	288.2
30	65	204	27159	247.7
25	54	197	22705	211.9
20	43	189	18255	175.7
15	32	178	13769	130.9
10	21	163	9126	92.8
5	10	136	4427	50.3
1	3	91	1221	26.0

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
88	214	248	78002	756.5
85	206	246	75672	728.5
80	192	244	71353	679.7
75	177	241	66746	627.6
70	163	238	62293	579.3
65	150	235	58026	534.4
60	137	232	53589	489.8
55	124	228	49108	445.6
50	111	224	44498	401.2
45	99	220	40055	360.3
40	87	215	35572	320.1
35	76	210	31229	283.2
30	64	204	26562	243.1
25	53	197	22176	207.4
20	42	188	17764	171.2
15	31	177	13285	126.3
10	21	163	9089	92.2
5	10	136	4413	50.0
1	3	92	1218	25.8

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779118X01GB EAN: 4069025139474	LP-Nummer 59552_67
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
15.0	91140.0	901.4
25.0	78510.0	762.3