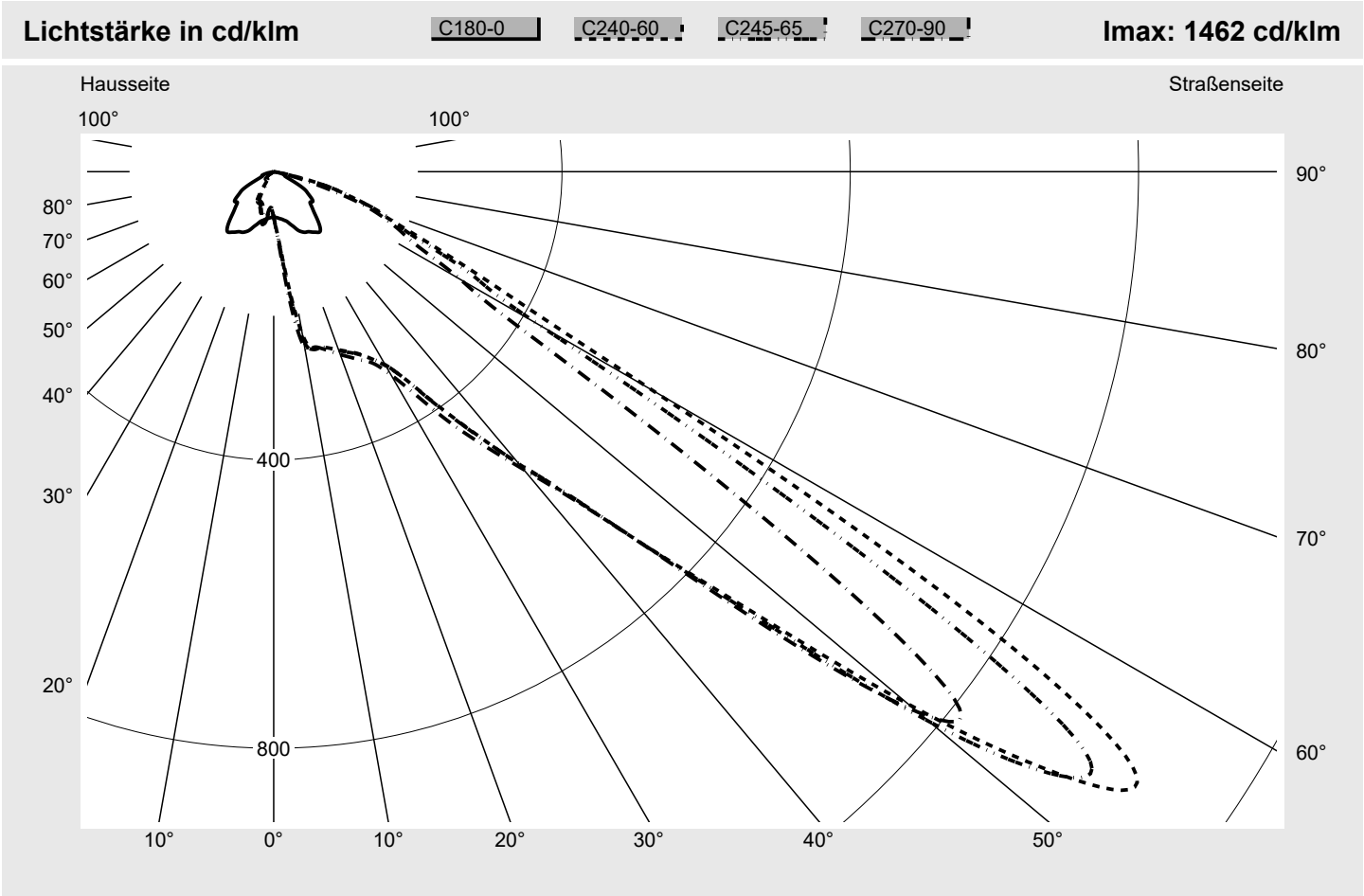


Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779619W02FB EAN: 4069025142900	LP-Nummer 59473_107
	Ausführung Bügel gekröpft Optik asymmetrisch strahlend PL64 mit Back Light Control Abdeckung Einscheibensicherheitsglas (ESG) Bestückung LED 5700 K CRI ≥ 70 Betriebsgerät EVG-DALI Bemessungswerte Ta = 10 °C Nettolichtstrom = 96000 lm Systemleistung = 1054.8 W Lichtausbeute = 91 lm/W	Seriendokumentation 09.08.2024

siteco



Leuchtenbetriebswirkungsgrade	Lichtstärkeklasse nach EN13201-2
Eta 100.0%	Klasse: G6
Eta 0° - 90° 100.0%	Imax 70° 145.7
Eta 90° - 180° 0.0%	Imax 80° 16.4
	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.: 5XA779619W02FB
EAN: 4069025142900

LP-Nummer
59473_107

Kegelmantelkurven in cd/klm

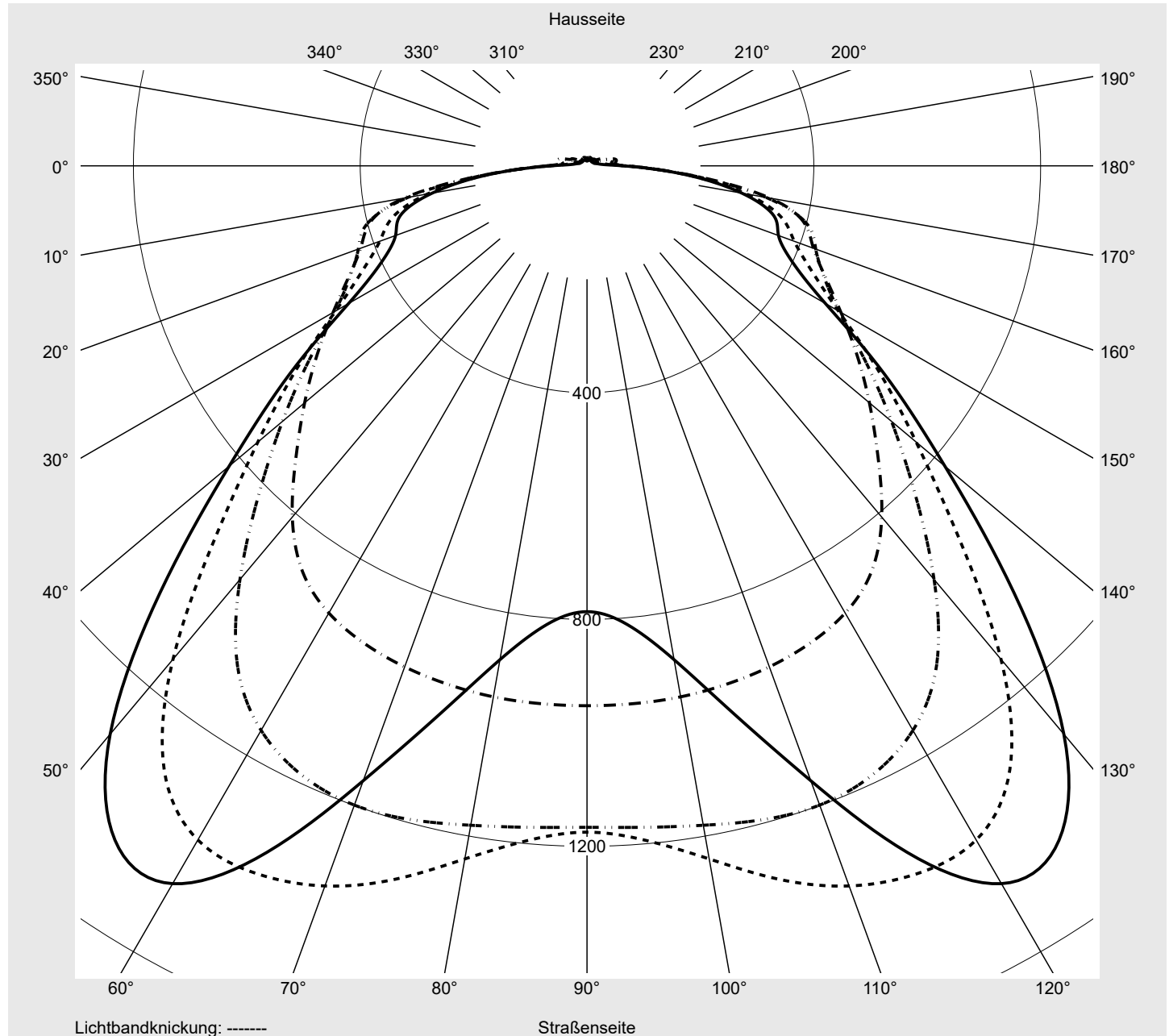
KMK 55°

KMK 52,5°

KMK 50°

KMK 47,5°

siteco



Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779619W02FB EAN: 4069025142900								LP-Nummer 59473_107			
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°	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1		
2,5°	63.4	64.7	66.1	67.6	69.2	70.8	72.3	73.7	75.1	76.3	77.4	78.2	79.1		
5,0°	64.4	67.5	71.0	74.6	78.0	81.5	84.9	88.4	92.1	95.9	99.7	103.4	106.9		
7,5°	65.7	70.6	76.4	81.9	87.5	93.9	101.5	110.2	120.0	130.7	141.9	152.8	163.0		
10,0°	67.1	74.4	82.2	90.0	99.5	111.7	126.9	145.4	165.5	184.9	203.0	217.9	229.6		
12,5°	69.2	79.1	89.2	101.1	117.5	139.6	166.3	194.5	219.9	238.4	248.9	252.3	252.6		
15,0°	71.6	84.3	97.4	115.2	140.8	174.2	209.2	237.6	252.0	255.5	255.0	253.8	252.6		
17,5°	76.3	91.9	109.1	135.3	172.4	213.9	246.0	259.0	260.5	259.6	258.2	257.2	256.7		
20,0°	81.3	100.8	123.0	158.6	204.9	242.6	264.2	267.8	267.6	266.1	264.6	263.5	263.1		
22,5°	87.8	111.1	139.8	186.4	237.8	267.8	276.0	278.3	277.5	275.7	273.0	271.0	270.2		
25,0°	92.0	119.6	155.9	212.2	260.8	280.4	287.7	290.0	288.6	285.6	282.2	279.6	278.9		
27,5°	94.8	126.2	171.7	236.0	277.2	293.0	301.4	303.6	302.1	299.1	295.4	293.5	292.4		
30,0°	96.2	131.3	186.7	254.7	290.3	307.3	316.7	320.1	320.4	319.0	317.3	314.6	311.1		
32,5°	99.4	139.7	207.1	277.4	308.5	325.2	335.4	340.9	345.4	348.8	348.3	344.4	343.0		
35,0°	102.6	149.9	230.4	304.3	334.9	349.4	360.5	370.6	382.5	390.5	393.1	394.8	395.5		
37,5°	105.1	161.5	257.0	334.9	367.0	381.3	392.1	408.3	427.3	440.7	451.1	455.5	456.8		
40,0°	99.8	167.8	277.2	362.6	398.3	419.7	432.6	454.6	478.5	502.5	521.2	529.1	529.8		
42,5°	89.4	170.7	290.4	376.4	420.6	454.2	477.0	502.3	533.6	568.4	599.5	613.8	615.2		
45,0°	78.9	171.8	302.0	379.0	421.5	466.2	509.3	549.4	592.6	643.1	695.4	730.2	741.9		
47,5°	71.3	179.8	327.6	398.3	424.9	463.7	517.2	581.2	650.1	725.8	808.6	874.3	910.6		
50,0°	66.0	177.9	320.8	403.3	429.3	460.9	513.1	598.8	701.2	818.3	952.3	1075.0	1149.6		
52,5°	68.2	173.6	285.7	356.2	389.0	436.7	512.1	625.8	757.8	927.2	1135.9	1300.1	1372.7		
55,0°	63.8	171.7	277.4	341.3	359.4	398.9	485.5	640.4	823.9	1065.1	1308.3	1451.5	1461.7		
57,5°	56.4	165.5	287.4	358.5	372.9	400.0	478.2	656.4	910.6	1157.5	1355.9	1390.9	1162.0		
60,0°	50.0	159.1	294.5	369.0	389.3	428.2	505.7	715.4	965.5	1129.2	1110.8	895.4	607.0		
62,5°	37.2	116.8	214.6	286.0	331.4	405.9	552.2	792.3	940.0	804.5	543.0	404.8	355.6		
65,0°	24.3	56.9	106.1	158.9	208.1	296.4	467.2	650.4	578.4	314.3	241.2	256.4	245.5		
67,5°	17.8	31.0	54.3	91.0	123.8	172.8	263.2	257.0	153.3	133.3	138.1	159.6	177.5		
70,0°	16.3	23.3	30.8	46.1	60.5	69.6	73.4	54.9	69.3	68.4	84.2	121.4	141.6		
72,5°	16.9	21.9	24.2	29.5	33.8	34.0	30.6	31.7	33.6	45.8	59.8	89.4	105.9		
75,0°	13.4	18.6	20.3	24.0	23.3	23.4	23.1	18.8	23.6	34.4	41.2	59.0	72.3		
77,5°	9.1	12.9	14.2	17.8	19.0	20.4	18.4	15.9	16.6	24.3	27.4	31.7	31.7		
80,0°	5.3	7.9	10.4	12.9	15.6	16.4	15.8	13.3	10.9	11.6	8.1	7.6	8.5		
82,5°	2.9	4.9	7.4	9.6	12.2	13.5	11.8	9.9	6.8	4.5	3.9	4.0	4.1		
85,0°	1.5	2.5	4.2	5.9	6.7	7.3	6.1	4.3	2.7	2.1	1.8	1.8	1.9		
87,5°	0.7	0.9	1.2	1.4	1.4	1.1	0.9	0.8	0.7	0.7	0.7	0.7	0.8		
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.: 5XA779619W02FB EAN: 4069025142900						LP-Nummer 59473_107	
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°	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
2,5°	79.7	80.2	80.6	81.0	81.6	81.7	62.1	60.9	59.8	59.0	58.1	57.3	56.6
5,0°	110.0	112.9	115.1	117.2	118.9	119.4	61.5	59.3	57.3	55.7	54.4	53.4	52.6
7,5°	171.7	179.1	184.9	189.4	192.4	193.4	61.3	58.0	55.5	53.7	52.5	51.7	51.2
10,0°	237.6	242.7	245.4	246.9	247.6	248.2	61.2	56.9	54.1	52.5	51.7	51.9	53.4
12,5°	251.8	251.1	250.6	250.2	250.0	250.3	61.2	56.1	53.3	52.2	53.1	57.2	64.0
15,0°	252.2	252.2	252.5	252.9	253.1	253.7	61.5	55.6	53.1	53.9	59.8	68.9	75.7
17,5°	257.2	258.1	259.1	259.9	260.7	261.3	63.2	56.5	54.9	60.1	71.4	79.5	82.6
20,0°	264.2	265.7	267.2	268.6	269.5	270.1	65.4	58.3	59.2	71.4	81.7	86.0	81.1
22,5°	271.4	273.9	276.0	277.5	278.4	278.9	68.3	61.1	67.0	82.8	90.4	85.8	77.7
25,0°	279.8	282.7	285.4	287.1	288.2	288.6	69.9	64.1	78.9	92.7	94.3	83.9	73.8
27,5°	292.4	293.8	296.1	298.3	299.5	300.2	70.6	67.3	90.5	101.2	95.4	82.0	69.0
30,0°	309.4	311.8	316.7	321.4	324.3	325.7	71.6	72.8	99.5	105.5	94.2	77.4	63.9
32,5°	343.6	347.7	354.2	360.9	365.5	367.3	74.4	79.7	103.8	103.4	90.0	71.8	60.1
35,0°	397.2	401.5	408.3	415.6	421.1	423.2	76.8	87.3	103.6	98.0	83.9	67.8	57.8
37,5°	458.6	460.7	465.4	471.6	476.4	478.5	76.9	87.8	98.3	92.9	82.0	68.9	57.0
40,0°	528.0	528.2	530.0	533.8	537.7	539.5	72.2	82.0	89.2	88.4	82.0	71.0	51.7
42,5°	611.5	609.4	609.9	613.1	616.6	618.5	64.1	70.0	71.9	73.5	74.3	64.9	39.5
45,0°	743.1	741.9	741.6	744.2	746.4	746.1	55.6	57.5	51.3	46.6	48.1	40.8	26.9
47,5°	929.3	940.3	946.8	950.9	952.0	952.1	49.6	52.6	47.8	33.1	29.7	23.0	18.5
50,0°	1186.8	1199.7	1193.9	1180.9	1171.0	1166.6	43.0	45.2	43.8	27.1	20.4	14.7	14.0
52,5°	1377.4	1351.4	1302.2	1241.2	1194.2	1175.1	34.5	30.7	24.5	19.0	15.3	12.7	12.1
55,0°	1335.8	1154.0	1000.3	884.4	811.9	786.2	27.7	20.2	15.6	13.2	12.9	11.5	11.1
57,5°	856.0	629.6	507.8	449.5	423.5	415.0	25.0	17.2	13.2	11.6	11.3	11.0	10.5
60,0°	425.3	369.0	340.9	319.6	305.0	299.2	21.1	15.1	12.0	11.1	10.6	10.6	10.0
62,5°	310.9	275.1	252.5	237.6	230.7	228.5	16.7	12.2	10.4	9.8	9.3	9.0	8.7
65,0°	219.7	206.4	201.0	199.3	195.9	193.2	13.3	10.0	8.6	8.2	7.4	7.0	6.7
67,5°	179.9	174.3	169.7	168.9	165.6	163.0	10.9	8.9	7.8	7.2	6.3	5.7	5.5
70,0°	145.7	142.7	140.2	139.8	131.6	126.6	9.4	7.7	6.9	6.1	5.4	5.1	4.9
72,5°	106.5	102.6	94.0	86.1	78.6	74.7	8.5	6.9	5.7	4.8	4.5	4.4	4.3
75,0°	73.0	61.6	50.5	44.8	39.9	37.4	7.2	5.7	4.4	3.9	3.8	3.8	3.8
77,5°	26.2	19.7	16.1	14.7	13.9	13.5	5.5	4.3	3.3	3.1	3.1	3.1	3.1
80,0°	8.9	8.9	7.9	7.5	7.3	7.3	3.4	2.7	2.4	2.4	2.4	2.4	2.5
82,5°	4.5	4.8	4.6	4.5	4.4	4.3	2.1	1.9	1.8	1.8	1.9	1.9	1.9
85,0°	2.1	2.0	1.8	1.7	1.6	1.6	1.3	1.2	1.3	1.3	1.4	1.4	1.4
87,5°	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.8	0.9	0.9	0.9	1.0	1.0
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	0.0

Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779619W02FB EAN: 4069025142900								LP-Nummer 59473_107	
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°	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	0.1	0.1
2,5°	55.9	55.3	54.6	54.1	53.7	53.3	53.0	52.7	52.5	52.2	52.1	0.8	0.9
5,0°	51.8	51.3	50.7	50.4	50.1	49.9	49.8	49.7	49.7	49.5	49.5	1.8	2.6
7,5°	51.1	51.5	52.4	53.8	55.4	57.0	58.5	59.7	60.5	60.9	61.0	3.4	6.0
10,0°	56.6	60.9	65.0	68.2	70.5	72.2	72.9	73.1	73.2	73.1	72.9	5.6	11.6
12,5°	69.9	74.3	76.5	76.5	74.7	72.8	70.9	69.3	68.0	67.1	66.7	7.7	19.4
15,0°	79.5	78.6	75.4	71.9	68.4	65.1	62.3	60.1	58.5	57.4	56.9	9.7	29.1
17,5°	79.2	74.4	69.4	64.6	60.3	56.9	54.4	52.6	51.3	50.4	50.1	11.7	40.8
20,0°	75.0	68.8	62.9	58.1	54.7	52.2	50.2	48.7	47.7	47.0	46.8	13.9	54.7
22,5°	69.9	62.8	57.6	54.0	51.4	49.5	48.1	47.0	46.2	45.6	45.4	16.2	70.9
25,0°	64.4	58.1	54.0	51.3	49.7	48.5	47.5	46.6	45.7	45.1	44.8	18.6	89.5
27,5°	60.3	55.0	51.7	49.8	48.7	47.9	46.6	45.1	43.7	42.7	42.3	21.1	110.6
30,0°	57.0	52.8	50.1	47.9	45.6	42.8	39.3	35.6	32.2	29.8	29.0	23.9	134.4
32,5°	54.2	50.4	45.9	40.5	34.3	27.8	21.9	18.5	17.0	16.6	16.5	27.2	161.6
35,0°	50.1	42.2	33.7	25.9	19.5	16.9	16.0	15.5	15.2	15.1	15.1	31.7	193.2
37,5°	42.2	30.1	22.1	18.2	16.5	15.4	14.7	14.3	14.1	14.0	14.0	37.0	230.2
40,0°	31.0	21.8	18.4	16.6	15.2	14.2	13.6	13.4	13.3	13.3	13.3	43.1	273.4
42,5°	24.7	20.1	17.1	15.3	14.4	13.8	13.4	13.4	13.4	13.5	13.6	49.9	323.3
45,0°	21.6	18.6	16.2	14.8	14.2	14.2	14.1	14.3	14.5	14.6	14.6	58.5	381.8
47,5°	17.9	16.9	15.7	14.7	14.6	15.0	15.2	15.4	15.5	15.5	15.5	70.4	452.3
50,0°	13.9	14.0	14.1	14.5	15.1	15.6	15.8	15.4	14.8	14.4	14.2	84.8	537.1
52,5°	11.8	11.8	12.3	13.2	14.0	14.4	14.0	13.0	12.0	11.3	11.0	94.7	631.8
55,0°	10.7	10.7	10.8	11.0	11.2	11.0	10.5	9.7	9.1	8.6	8.4	91.4	723.2
57,5°	9.9	9.4	9.0	8.6	8.3	8.0	7.7	7.4	7.3	7.1	7.1	77.1	800.3
60,0°	9.1	8.2	7.4	6.9	6.7	6.5	6.3	6.2	6.3	6.4	6.4	63.9	864.2
62,5°	7.8	6.9	6.3	5.9	5.9	5.7	5.6	5.5	5.5	5.6	5.6	49.6	913.8
65,0°	6.2	5.5	5.2	5.2	5.2	5.2	5.1	5.0	4.9	4.9	4.9	33.4	947.2
67,5°	5.0	4.8	4.7	4.7	4.7	4.7	4.6	4.5	4.4	4.4	4.3	19.8	967.0
70,0°	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.2	4.1	4.0	4.0	12.3	979.3
72,5°	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.7	8.3	987.6
75,0°	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.3	5.5	993.1
77,5°	3.1	3.2	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.7	2.7	3.1	996.2
80,0°	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.2	2.2	2.1	2.1	1.7	998.0
82,5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.2	999.1
85,0°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	0.6	999.7
87,5°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	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

Familie Floodlight FL11	Bestell-Nr.: 5XA779619W02FB EAN: 4069025142900	LP-Nummer 59473_107
Dimmstufen-Tabelle Umgebungstemperatur: 10°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	252	254	95432	1046.5
95	237	251	91093	983.7
90	221	249	86316	917.7
85	206	246	81586	855.2
80	191	244	76674	793.4
75	177	241	71962	735.6
70	163	238	67087	678.5
65	150	235	62501	625.6
60	136	231	57441	568.8
55	124	228	52983	520.4
50	111	224	48020	468.0
45	99	219	43237	419.9
40	87	215	38419	372.0
35	75	209	33423	324.6
30	64	204	28655	281.3
25	53	197	23934	238.2
20	42	188	19094	196.2
15	31	177	14278	148.6
10	21	163	9771	105.3
5	10	136	4708	57.0
1	3	91	1317	28.2

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
84	202	246	78297	832.7
80	189	243	74226	779.5
75	175	240	69599	722.1
70	161	237	64971	665.3
65	147	234	60244	608.8
60	134	231	55663	556.2
55	121	227	50960	504.2
50	109	223	46459	456.2
45	97	219	41842	408.7
40	85	214	37055	360.8
35	74	209	32592	317.9
30	63	203	27971	275.0
25	52	196	23275	232.2
20	41	187	18529	190.6
15	30	176	13761	142.2
10	20	161	9259	100.4
5	10	136	4691	56.5
1	3	92	1313	27.9

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779619W02FB EAN: 4069025142900	LP-Nummer 59473_107
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	96000.0	1054.8
25.0	78590.0	836.7