

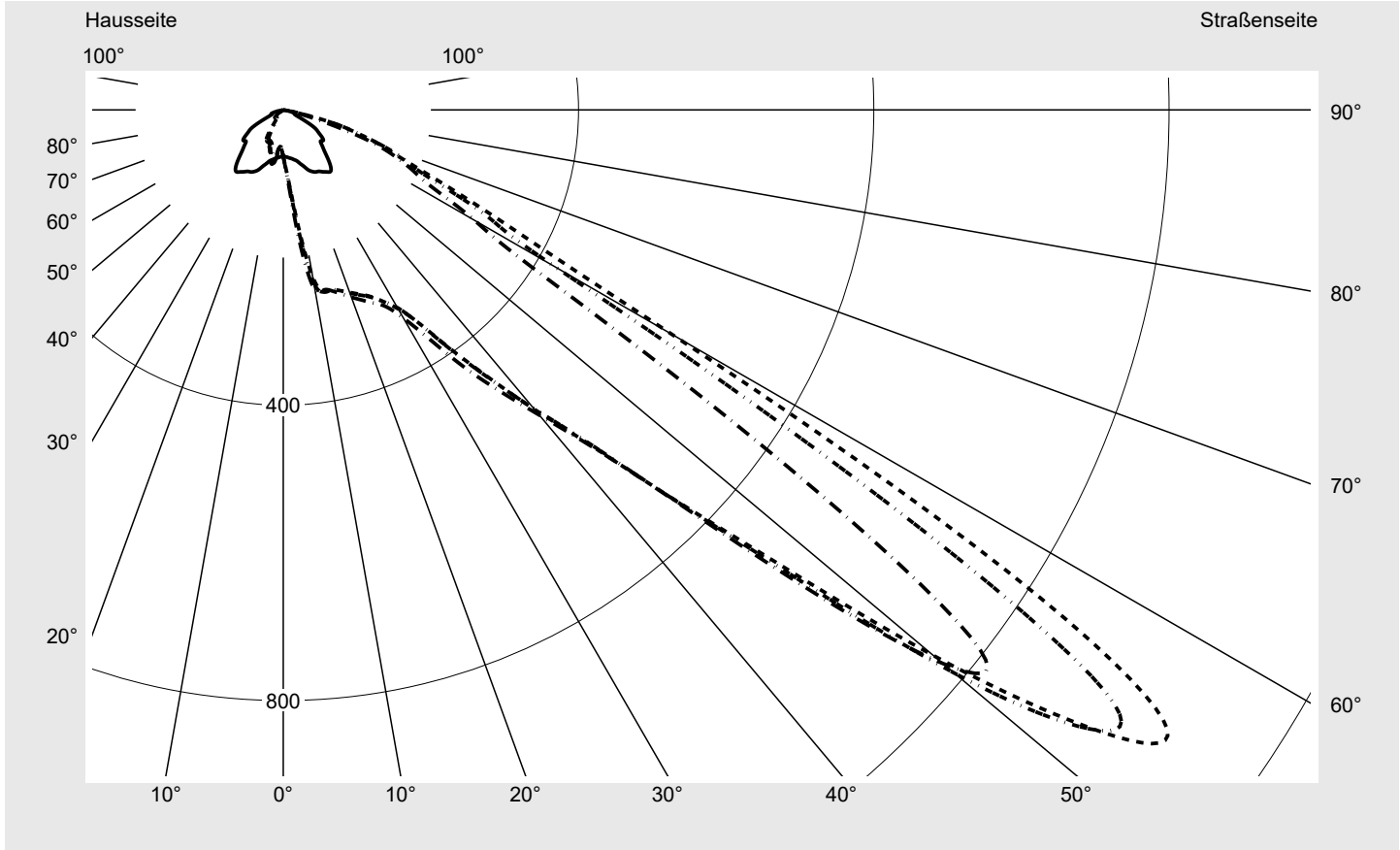
Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779116W01AA EAN: 4058352985892	LP-Nummer 59473_14
	Ausführung Bügel gekröpft Optik asymmetrisch strahlend PL64 mit Back Light Control Abdeckung Einscheibensicherheitsglas (ESG) Bestückung LED 4000 K CRI ≥ 70 Betriebsgerät EVG-DALI Bemessungswerte Ta = 10 °C Nettolichtstrom = 94090 lm Systemleistung = 1016.5 W Lichtausbeute = 92.6 lm/W	Seriendokumentation 30.10.2023





Lichtstärke in cd/klm
C180-0
C240-60
C245-65
C270-90
Imax: 1462 cd/klm



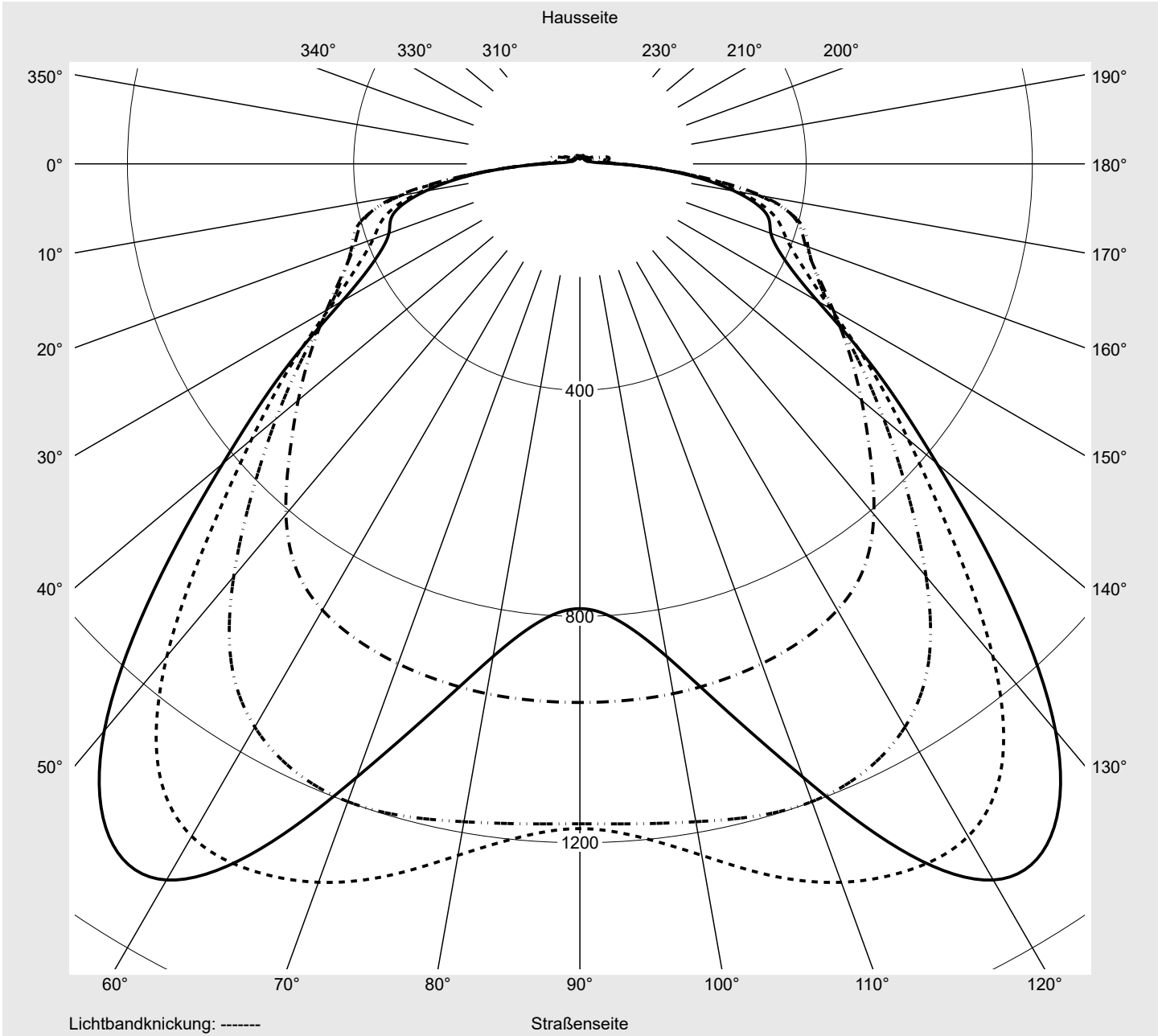
Leuchtenbetriebswirkungsgrade	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Messbedingungen	
DIN EN 13032 und DIN 5032	

Lichtstärkeklasse nach EN13201-2	
Klasse:	G6
Imax 70°	145.7
Imax 80°	16.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

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Kegelmantelkurven in cd/klm **KMK 55°** **KMK 52,5°** **KMK 50°** **KMK 47,5°** **siteco**



Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779116W01AA EAN: 4058352985892	LP-Nummer 59473_14
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.: 5XA779116W01AA EAN: 4058352985892	LP-Nummer 59473_14
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.: 5XA779116W01AA EAN: 4058352985892	LP-Nummer 59473_14
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°	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.: 5XA779116W01AA EAN: 4058352985892	LP-Nummer 59473_14
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siteco

Dimmstufen-Tabelle

Umgebungstemperatur: 10°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	252	254	93539	1008.6
95	237	251	89260	948.4
90	222	249	84795	888.5
85	206	246	79918	824.6
80	192	244	75341	769.0
75	178	241	70744	713.6
70	164	238	66023	658.3
65	150	235	61201	603.8
60	137	231	56579	553.0
55	124	228	51848	502.5
50	111	224	46921	452.2
45	99	219	42320	405.9
40	87	215	37534	359.7
35	76	210	33100	317.8
30	64	204	28102	272.5
25	53	197	23407	230.9
20	42	188	18724	190.4
15	31	177	14000	143.0
10	21	163	9562	102.4
5	10	136	4628	55.3
1	3	91	1288	27.6

Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
81	193	244	73806	767.6
80	190	244	72807	755.6
75	176	241	68368	700.6
70	161	237	63565	642.1
65	148	234	59269	591.2
60	134	231	54424	536.9
55	122	227	50127	490.7
50	109	223	45406	440.9
45	97	219	40891	394.8
40	85	214	36233	349.0
35	74	209	31929	307.5
30	63	203	27340	266.4
25	52	196	22761	225.1
20	41	187	18151	184.9
15	30	176	13465	137.1
10	20	161	9063	97.6
5	10	136	4610	54.8
1	3	92	1284	27.4

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779116W01AA EAN: 4058352985892	LP-Nummer 59473_14
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Lichtstrom-Tabelle	siteco
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	94090.0	1016.5
25.0	74530.0	776.4