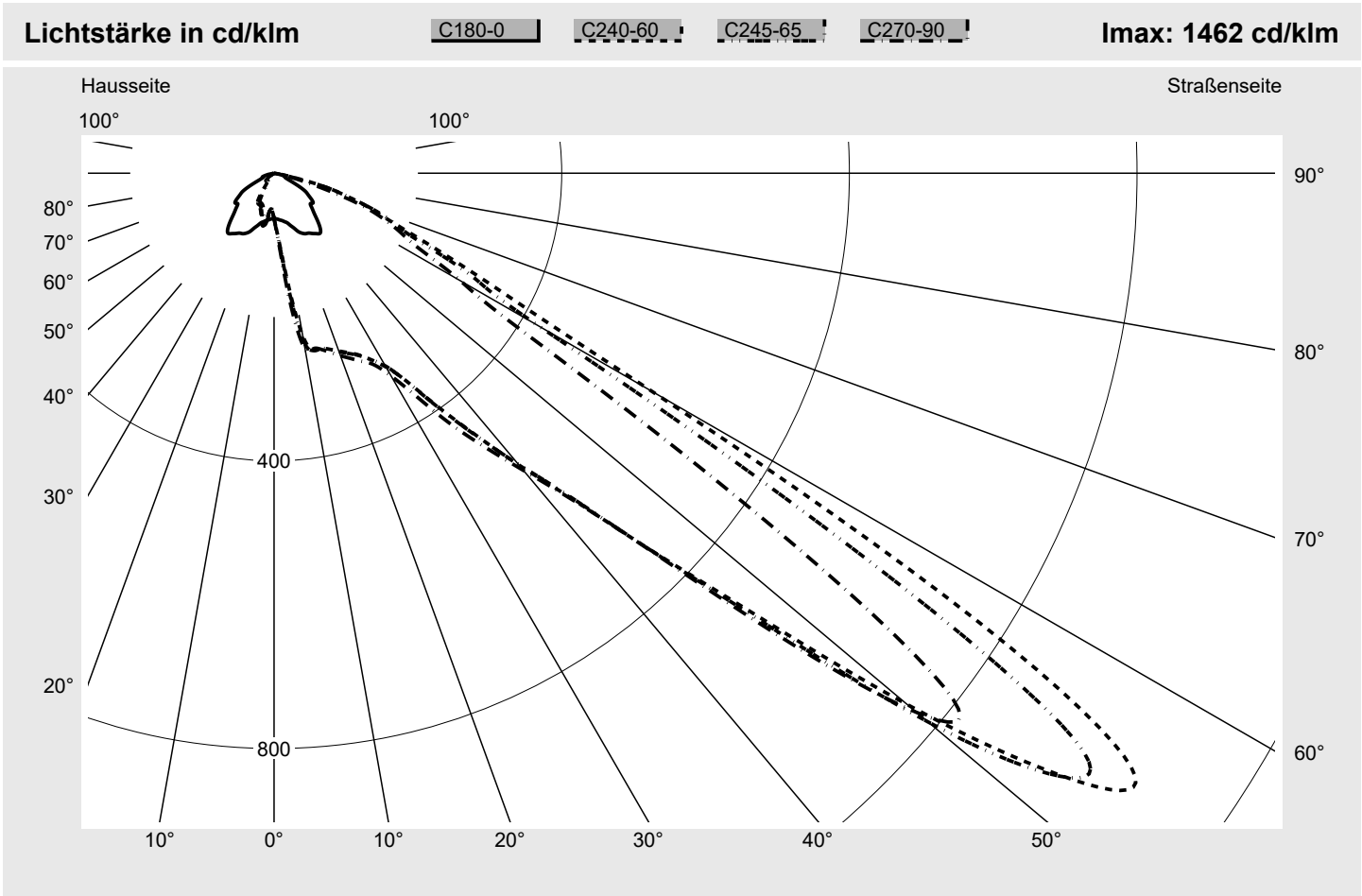


Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779719W02FB EAN: 4069025144614	LP-Nummer 59473_258
	AusführungBügel gekröpft Optikasymmetrisch strahlend PL64 mit Back Light Control AbdeckungEinscheibensicherheitsglas (ESG) BestückungLED 5700 K CRI ≥ 70 BetriebsgerätEVG-DMX BemessungswerteTa = 10 °C Nettolichtstrom = 96000 lm Systemleistung = 1054.8 W Lichtausbeute = 91 lm/W	Seriendokumentation 19.12.2024



siteco



Leuchtenbetriebswirkungsgrade	Lichtstärkeklasse nach EN13201-2
Eta100.0%	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.: 5XA779719W02FB
EAN: 4069025144614

LP-Nummer
59473_258

Kegelmantelkurven in cd/klm

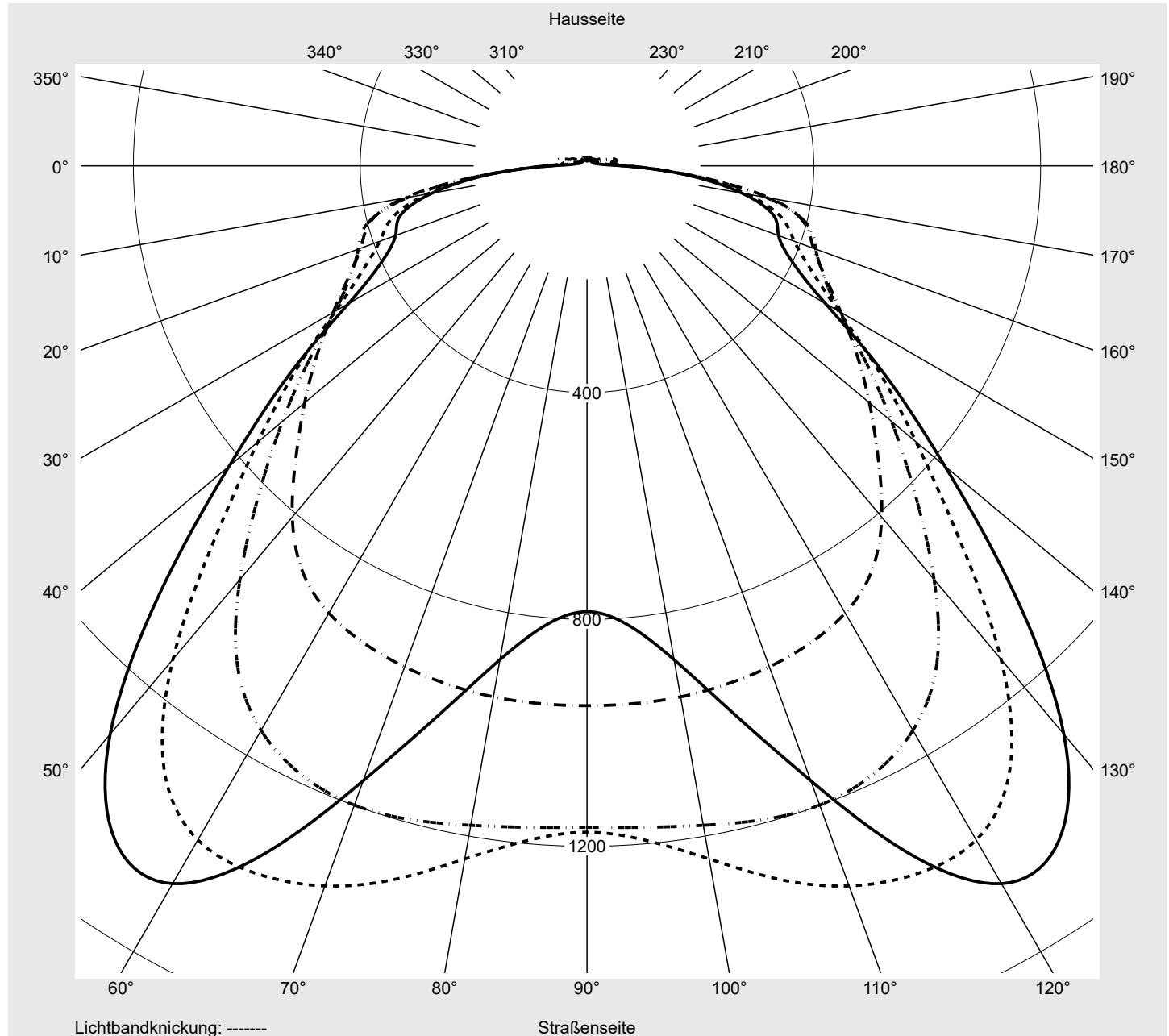
KMK 55°

KMK 52,5°

KMK 50°

KMK 47,5°

siteco



Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779719W02FB EAN: 4069025144614								LP-Nummer 59473_258	
Wertetabelle Lichtstärkemessung												siteco	
Maximale Lichtstärke													
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.: 5XA779719W02FB EAN: 4069025144614						LP-Nummer 59473_258	
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.: 5XA779719W02FB EAN: 4069025144614								LP-Nummer 59473_258	
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	Maximale Lichtstärke											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.: 5XA779719W02FB EAN: 4069025144614	LP-Nummer 59473_258
Dimmstufen-Tabelle Umgebungstemperatur: 10°C		siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	255	96000	1054.8
95	238	91113	984.0
90	222	86352	918.2
85	207	81646	856.0
80	192	76757	794.4
75	178	72052	736.8
70	164	67206	679.9
65	150	62309	623.3
60	137	57620	570.7
55	124	52797	518.5
50	111	47868	466.2
45	99	43085	418.4
40	87	38268	370.6
35	76	33730	327.4
30	65	28959	284.2
25	53	23843	237.4
20	42	19026	195.6
15	31	14227	148.0
10	21	9733	105.0
5	10	4692	56.8
1	3	1311	28.1

Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	----	----	----
90	----	----	----
85	----	----	----
84	203	80370	833.5
80	190	76208	780.6
75	176	71499	723.4
70	162	66763	666.8
65	148	61949	610.5
60	135	57259	558.1
55	122	52459	506.3
50	109	47470	454.5
45	97	42766	407.2
40	86	38285	363.4
35	74	33310	316.7
30	63	28595	274.0
25	52	23782	231.4
20	41	18937	189.9
15	31	14495	146.5
10	20	9459	100.1
5	10	4794	56.3
1	3	1341	27.8

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779719W02FB EAN: 4069025144614	LP-Nummer 59473_258
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	96000.0	1054.8
25.0	80370.0	833.5