

Lichttechnischer Prüfbefund

Familie
Floodlight FL11



Bestell-Nr.: 5XA779726W01AB
EAN: 4069025144942

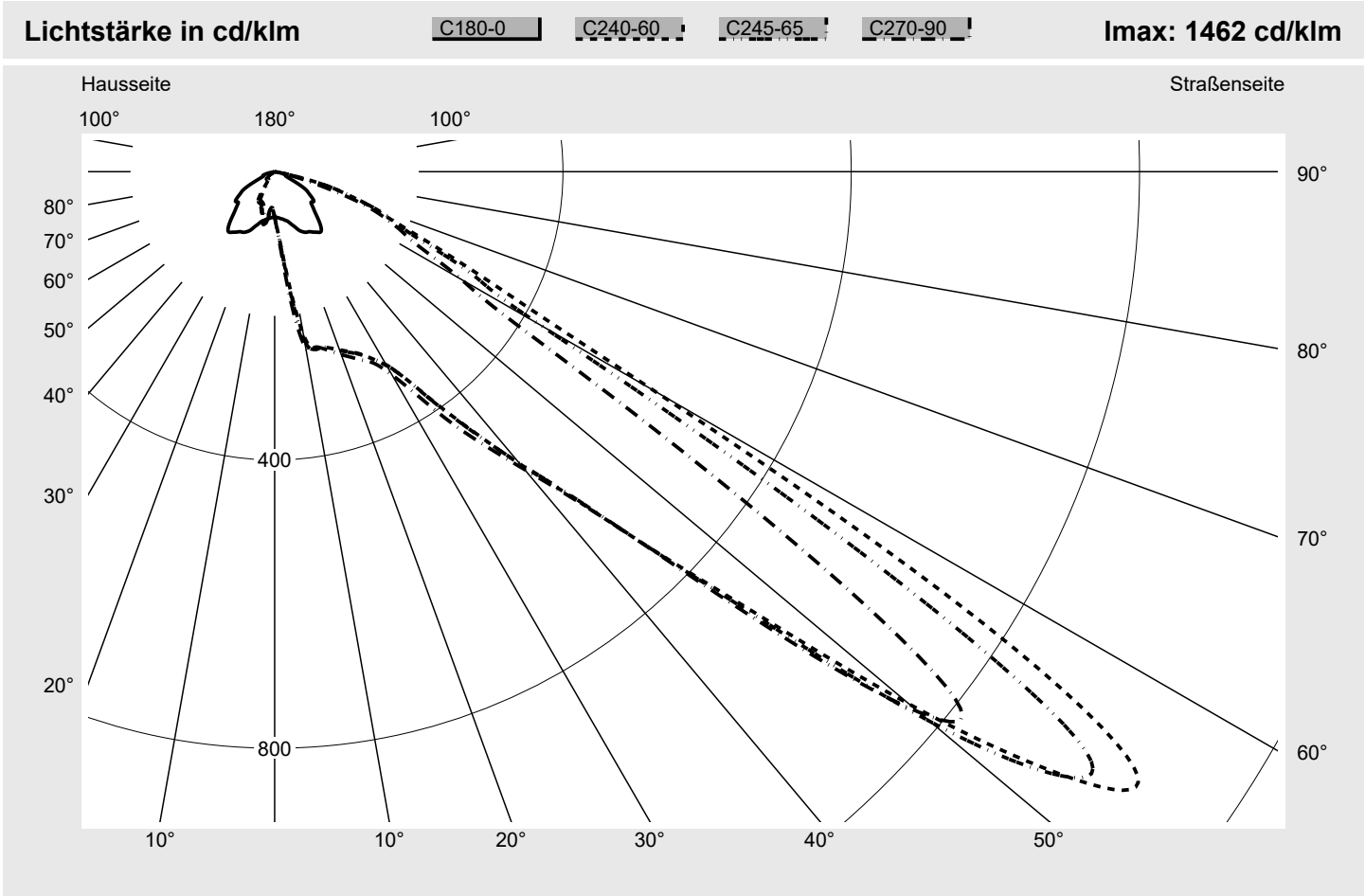
Ausführung
Optik
Abdeckung
Bestückung
Betriebsgerät
Bemessungswerte

Bügel gekröpft
asymmetrisch strahlend PL64 mit Back Light Control
Einscheibensicherheitsglas (ESG)
LED 4000 K | CRI ≥ 70
EVG-DMX
Ta = 0 °C
Nettolichtstrom = 152240 lm
Systemleistung = 1697.5 W
Lichtausbeute = 89.7 lm/W

LP-Nummer
59473_200

Seriendokumentation
17.10.2024

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
Messbedingungen		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
DIN EN 13032 und DIN 5032			

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Kegelmantelkurven in cd/klm

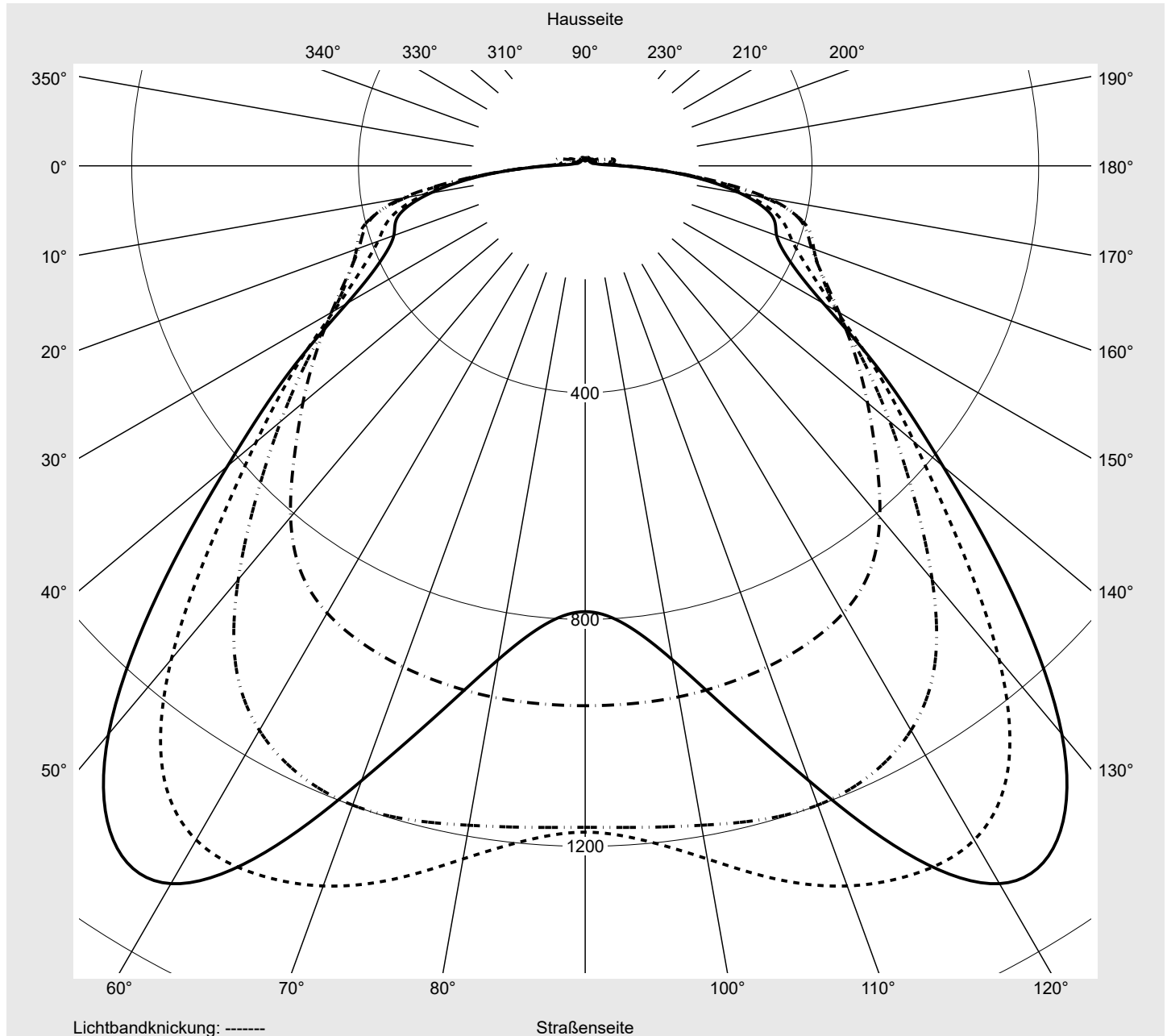
KMK 55°

KMK 52,5°

KMK 50°

KMK 47,5°

sit^{eco}



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Familie Floodlight FL11				Bestell-Nr.: 5XA779726W01AB EAN: 4069025144942								LP-Nummer 59473_200	
Wertetabelle Lichtstärkemessung												sİteco	
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

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Wertetabelle Lichtstärkemessung												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

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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

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Familie Floodlight FL11	Bestell-Nr.: 5XA779726W01AB EAN: 4069025144942	LP-Nummer 59473_200
Dimmstufen-Tabelle Umgebungstemperatur: 0°C		siteco

Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	238	144782	1582.9
90	222	137157	1474.9
85	206	129408	1366.8
80	191	121765	1266.8
75	177	114327	1173.5
70	163	106743	1080.1
65	149	98863	987.4
60	136	91283	901.8
55	123	83527	816.5
50	111	76145	737.9
45	99	68607	659.9
40	87	60917	582.1
35	75	53045	504.8
30	64	45368	434.4
25	53	38007	362.7
20	42	30370	293.3
15	31	22698	225.7
10	21	15455	161.4
5	10	7462	83.4
1	3	2180	34.6

Dimmstufen-Tabelle Umgebungstemperatur: 25°C	
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----
95	----	----	----
90	----	----	----
85	----	----	----
80	----	----	----
78	----	----	----
75	173	109877	1132.7
70	159	102690	1040.7
65	145	95098	948.5
60	132	87792	863.7
55	120	80878	786.2
50	107	73079	702.0
45	95	65729	624.9
40	84	58823	554.7
35	72	51051	478.3
30	62	44202	415.0
25	51	36793	344.7
20	40	29259	276.5
15	30	22187	216.1
10	20	14916	150.8
5	10	7578	82.0
2	3	2218	34.0

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779726W01AB EAN: 4069025144942	LP-Nummer 59473_200
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	152240.0	1697.5
25.0	114980.0	1198.9