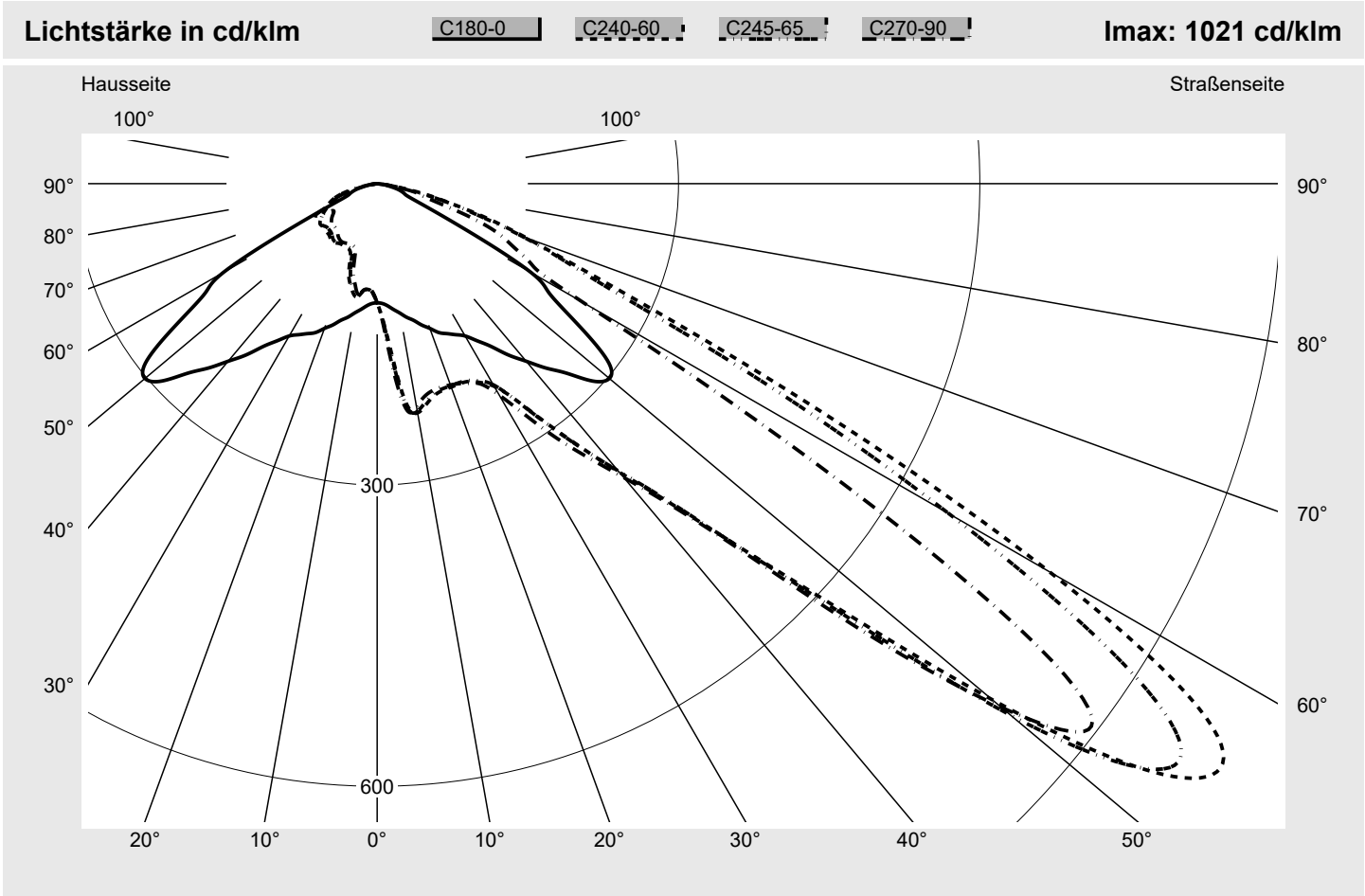


Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779126V01AB EAN: 4069025140128	LP-Nummer 59472_58
	Ausführung Optik Abdeckung Bestückung Betriebsgerät Bemessungswerte	Bügel gekröpft asymmetrisch strahlend PL64 Einscheibensicherheitsglas (ESG) LED 4000 K CRI ≥ 70 EVG-DALI Ta = 0 °C Nettolichtstrom = 254770 lm Systemleistung = 1931.5 W Lichtausbeute = 131.9 lm/W
		Seriendokumentation 06.08.2024

siteco



Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G6
Eta 0° - 90°	100.0%	Imax 70°	158.5
Eta 90° - 180°	0.0%	Imax 80°	24.0
		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.: 5XA779126V01AB
EAN: 4069025140128

LP-Nummer
59472_58

Kegelmantelkurven in cd/klm

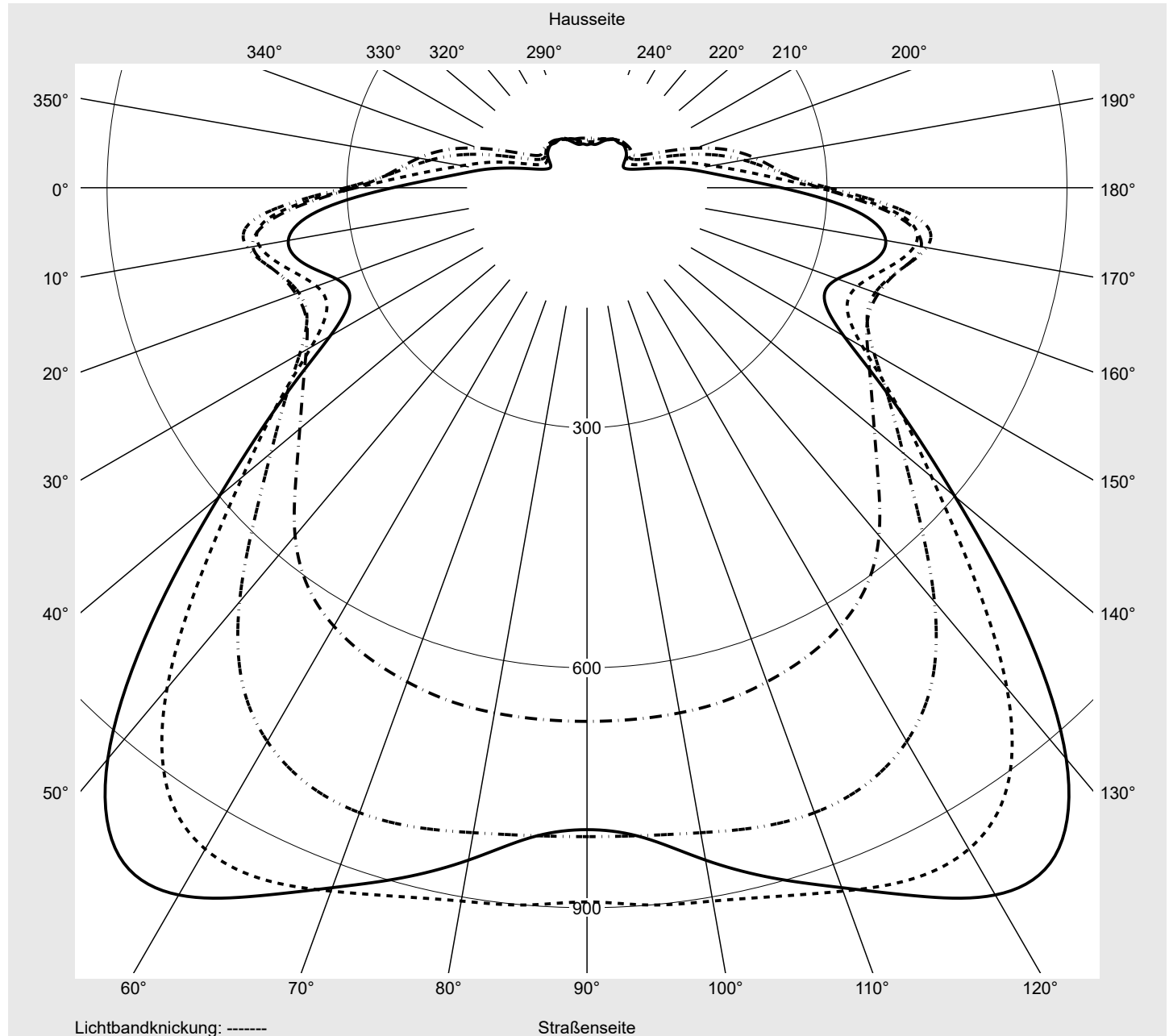
KMK 55°

KMK 52,5°

KMK 50°

KMK 47,5°

siteco



Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779126V01AB EAN: 4069025140128								LP-Nummer 59472_58	
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°	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7
2,5°	119.5	120.9	122.4	124.1	125.8	127.4	129.0	130.6	132.2	133.6	134.9	135.9	137.0
5,0°	122.3	125.8	129.6	133.3	137.2	141.3	145.4	149.9	154.6	159.2	163.8	168.3	172.8
7,5°	126.5	132.0	138.1	144.5	151.3	159.4	168.6	179.1	190.2	200.5	209.2	215.6	220.2
10,0°	130.9	139.0	147.4	156.8	168.5	183.1	199.3	214.0	224.2	229.7	232.4	232.6	231.8
12,5°	136.3	146.7	157.8	172.0	191.1	212.1	226.7	234.2	236.2	234.5	231.6	228.3	225.3
15,0°	141.0	154.0	168.5	188.5	213.0	230.0	237.6	237.6	233.7	229.4	225.5	221.7	218.7
17,5°	147.6	162.6	180.1	207.1	229.0	239.2	238.8	234.4	229.6	225.5	221.6	218.4	215.9
20,0°	153.4	170.9	193.3	221.5	238.9	242.1	238.4	233.8	229.7	225.5	221.5	218.1	215.5
22,5°	160.5	179.7	207.1	234.4	245.6	244.2	241.1	237.7	233.5	228.3	223.1	218.8	215.5
25,0°	164.8	186.8	218.2	242.9	249.2	248.8	248.2	245.4	239.9	233.1	226.3	220.8	217.3
27,5°	169.6	194.1	227.7	248.3	253.8	257.5	259.1	255.6	248.6	240.1	232.1	226.6	223.3
30,0°	175.1	202.7	236.8	254.3	261.8	269.1	271.2	266.8	258.7	250.0	243.1	237.3	233.0
32,5°	185.6	216.2	250.3	266.9	276.4	284.4	285.7	279.4	271.3	265.4	260.3	255.3	254.0
35,0°	198.0	233.3	269.0	286.5	299.5	305.4	301.8	293.4	289.7	288.9	288.0	288.1	288.1
37,5°	215.2	255.7	292.3	314.0	330.8	328.0	314.6	310.7	315.3	321.3	326.6	328.3	328.4
40,0°	230.8	280.3	323.6	349.8	357.7	344.6	332.6	335.8	347.0	361.7	372.5	376.1	375.0
42,5°	249.1	308.5	362.0	378.6	371.0	360.8	358.1	365.9	384.0	406.1	425.1	432.5	430.8
45,0°	267.0	343.3	395.4	393.0	380.0	376.1	384.1	400.6	425.2	456.4	489.1	508.7	514.6
47,5°	290.9	385.2	424.4	403.1	387.5	387.2	405.2	433.4	468.7	514.7	567.8	608.5	632.9
50,0°	301.8	411.6	431.0	402.8	383.5	386.3	414.5	460.4	516.0	588.4	675.8	752.3	799.3
52,5°	288.8	393.5	416.1	388.3	359.8	358.9	398.1	473.0	562.4	681.0	816.7	915.4	954.6
55,0°	242.9	338.1	379.2	366.2	333.3	327.3	370.8	469.1	600.3	770.6	932.0	1019.8	1020.8
57,5°	203.2	264.4	322.8	325.6	307.1	308.2	353.7	473.3	645.9	816.0	952.7	1011.0	967.8
60,0°	176.9	218.8	282.7	301.7	302.6	320.1	369.6	512.6	680.9	794.2	870.1	863.1	772.6
62,5°	100.6	147.9	213.6	250.4	276.8	321.6	416.7	580.8	682.3	701.5	658.3	589.3	526.4
65,0°	52.2	75.3	126.0	166.1	202.5	264.7	379.0	503.6	557.9	482.0	403.1	361.8	327.9
67,5°	33.4	45.5	77.7	114.5	140.6	173.8	233.5	302.4	314.1	261.9	219.3	214.6	215.7
70,0°	28.7	34.1	45.8	69.0	93.0	107.1	129.9	149.4	153.2	125.9	115.4	137.6	158.5
72,5°	25.2	28.2	29.2	34.1	48.0	59.5	67.5	60.0	40.3	46.0	63.2	93.8	115.2
75,0°	20.6	22.2	23.2	28.6	30.2	39.7	42.5	26.8	29.1	36.0	44.1	60.6	76.0
77,5°	14.1	15.7	16.9	21.3	23.0	28.4	27.9	21.0	21.6	26.1	29.9	41.2	49.7
80,0°	9.2	10.0	12.2	14.4	17.3	18.2	18.2	15.6	14.4	17.4	17.5	22.6	24.0
82,5°	5.5	6.1	8.1	9.6	11.7	12.6	11.7	10.1	8.6	9.8	9.7	9.9	10.0
85,0°	2.5	3.0	4.2	5.3	6.0	6.3	5.6	4.6	3.6	2.8	2.7	2.8	3.0
87,5°	0.9	1.1	1.3	1.4	1.5	1.4	1.2	1.0	0.9	0.8	0.9	0.9	0.9
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.: 5XA779126V01AB EAN: 4069025140128						LP-Nummer 59472_58	
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°	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7
2,5°	138.0	138.7	139.3	140.0	140.8	140.9	117.9	116.5	115.3	114.2	113.1	112.3	111.5
5,0°	176.8	180.1	183.0	185.2	187.0	187.5	119.2	116.4	114.1	112.2	110.6	109.4	108.5
7,5°	223.1	225.2	226.1	226.7	227.2	227.5	121.5	117.5	114.4	112.0	110.5	109.5	108.6
10,0°	230.2	228.7	227.2	226.2	225.6	225.7	124.0	118.8	115.2	113.0	111.5	110.5	109.9
12,5°	222.6	220.6	218.9	217.8	217.0	217.1	127.0	120.4	116.4	114.3	113.1	113.5	115.7
15,0°	216.5	215.1	214.1	213.3	212.9	213.3	129.6	121.8	117.7	115.8	116.6	119.5	120.5
17,5°	214.4	213.4	212.7	212.3	212.1	212.5	133.2	124.3	119.9	119.3	122.7	123.3	120.9
20,0°	214.1	213.6	213.2	213.0	213.1	213.3	137.1	127.4	123.4	126.6	126.9	123.9	116.6
22,5°	214.3	214.4	214.7	215.0	215.1	215.5	141.6	131.5	130.1	133.5	129.8	121.1	112.4
25,0°	216.2	216.9	218.0	218.7	219.0	219.2	144.8	135.6	139.1	137.9	129.9	118.0	107.7
27,5°	221.4	221.4	222.7	224.2	224.9	225.3	148.8	141.1	148.2	141.8	128.2	114.5	99.6
30,0°	231.3	233.0	236.6	240.1	242.2	243.1	154.8	149.7	156.9	144.7	125.6	108.0	89.9
32,5°	254.6	257.7	262.7	267.4	270.4	271.7	164.4	162.0	166.2	147.7	123.8	99.9	84.5
35,0°	289.2	292.3	297.4	302.4	305.8	307.3	176.3	176.8	173.6	149.1	120.8	94.1	82.0
37,5°	329.5	331.1	334.3	338.5	341.3	342.6	189.7	187.5	178.7	151.6	120.7	94.9	82.2
40,0°	373.3	373.3	375.2	378.3	380.7	381.9	201.5	195.6	181.9	155.8	121.6	97.2	83.0
42,5°	427.9	427.5	429.7	432.8	434.9	435.9	213.0	203.0	186.2	161.1	124.4	97.5	82.2
45,0°	515.9	516.7	519.4	522.7	524.5	524.6	228.5	211.1	186.6	157.6	119.9	91.7	77.6
47,5°	647.7	657.3	664.1	666.6	667.1	667.1	241.9	213.6	182.8	144.4	107.2	82.1	71.3
50,0°	823.6	831.4	827.5	818.7	812.9	811.2	237.2	198.9	160.0	117.9	86.6	70.6	65.1
52,5°	954.4	935.7	917.1	905.4	900.0	892.7	208.7	158.6	123.3	89.3	68.1	60.6	60.6
55,0°	976.9	931.1	893.0	853.5	815.6	802.4	171.6	131.0	95.0	68.3	55.6	52.4	57.3
57,5°	866.1	761.2	674.8	597.6	539.1	514.3	155.1	115.7	79.1	56.8	48.7	47.5	53.9
60,0°	657.6	553.5	435.7	331.3	258.5	238.3	137.5	95.3	65.7	50.4	43.4	44.7	50.5
62,5°	454.3	354.9	248.8	185.2	174.2	172.9	91.7	61.1	55.6	46.0	39.3	39.9	45.7
65,0°	283.3	224.2	165.4	154.7	151.8	150.6	55.4	44.9	47.1	42.1	36.8	36.0	39.7
67,5°	203.8	163.6	142.4	137.1	134.0	131.8	39.2	38.4	38.9	37.8	35.3	33.6	35.9
70,0°	154.3	127.7	119.4	113.4	105.6	101.9	29.8	33.0	35.2	34.9	32.9	30.9	33.4
72,5°	107.0	89.2	82.5	76.1	68.1	64.5	24.7	26.7	29.6	29.3	27.7	26.7	28.3
75,0°	73.6	60.1	54.2	53.5	49.0	46.2	21.4	23.0	23.8	23.4	22.6	21.8	21.8
77,5°	43.5	36.8	35.5	41.0	40.5	37.4	15.8	17.8	17.7	16.9	17.1	16.0	15.3
80,0°	22.6	21.6	21.1	23.7	20.1	17.7	10.0	11.6	11.6	11.4	11.2	10.3	9.6
82,5°	9.7	9.3	9.3	9.6	7.9	7.0	5.9	6.6	7.0	7.0	6.5	5.9	5.5
85,0°	2.9	2.8	2.5	2.4	2.3	2.3	2.8	3.2	3.6	3.2	3.0	2.9	2.6
87,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.2	1.2	1.1	1.1
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.: 5XA779126V01AB EAN: 4069025140128								LP-Nummer 59472_58	
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°	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	0.2	0.2
2,5°	110.8	110.2	109.6	109.2	108.8	108.5	108.3	108.2	108.1	107.7	107.7	1.5	1.6
5,0°	107.8	107.2	106.7	106.4	106.0	105.7	105.5	105.4	105.2	105.0	104.9	3.2	4.8
7,5°	107.8	107.1	106.8	106.9	107.4	107.9	108.5	109.0	109.3	109.4	109.3	5.4	10.2
10,0°	110.4	111.9	113.3	113.9	114.3	114.1	113.5	112.9	112.3	111.8	111.4	7.6	17.8
12,5°	117.2	117.6	116.5	114.2	111.2	108.5	106.4	104.7	103.5	102.6	102.2	9.6	27.4
15,0°	119.4	115.6	111.1	107.2	103.5	100.3	97.6	95.5	93.8	92.6	92.0	11.4	38.8
17,5°	115.0	109.5	104.3	99.2	93.8	88.0	82.5	78.0	75.0	73.3	72.6	13.1	51.9
20,0°	109.9	103.3	95.5	86.2	78.0	72.9	70.2	68.6	67.6	67.0	66.7	14.9	66.8
22,5°	104.0	93.0	81.4	74.7	71.6	69.7	68.3	67.3	66.5	66.0	65.8	16.7	83.5
25,0°	94.5	81.7	75.5	72.3	70.4	69.0	68.0	67.2	66.6	66.1	65.9	18.7	102.3
27,5°	85.0	77.8	73.8	71.4	70.0	69.2	68.6	67.9	67.4	67.0	66.8	20.9	123.1
30,0°	80.9	76.0	72.9	71.0	70.0	69.5	69.1	68.5	68.0	67.6	67.6	23.4	146.5
32,5°	78.2	74.6	72.3	71.0	70.5	70.3	69.7	68.9	68.2	67.7	67.5	26.6	173.1
35,0°	76.1	73.5	72.5	72.4	72.0	71.2	70.0	68.6	67.5	66.7	66.3	30.5	203.6
37,5°	75.6	73.3	73.4	73.8	73.0	71.1	69.0	67.1	65.5	64.6	64.3	35.1	238.7
40,0°	76.1	74.0	73.9	74.0	72.1	69.3	66.7	64.3	62.8	62.1	61.7	40.2	279.0
42,5°	76.9	74.8	73.9	72.8	70.4	67.2	64.6	62.9	61.7	61.1	60.9	46.2	325.2
45,0°	75.7	74.6	73.0	72.0	69.6	66.4	63.8	62.4	61.3	60.7	60.5	53.7	378.9
47,5°	72.1	72.9	72.8	72.1	69.5	66.2	63.7	62.7	62.6	62.2	61.9	63.4	442.3
50,0°	67.2	71.2	72.5	71.6	69.5	66.6	65.2	63.1	60.8	59.8	59.6	73.9	516.3
52,5°	64.4	69.3	71.6	70.8	69.2	68.2	63.9	60.6	58.3	57.8	57.1	81.7	597.9
55,0°	64.2	68.0	70.0	68.7	69.4	67.3	62.5	57.6	54.9	55.0	53.8	83.2	681.1
57,5°	62.3	67.1	67.2	66.0	66.6	65.8	60.2	55.2	52.9	52.6	51.1	76.1	757.2
60,0°	57.3	64.1	64.3	62.2	63.1	63.2	58.7	54.8	53.1	55.2	56.2	65.5	822.7
62,5°	51.2	57.8	61.2	58.7	58.9	59.2	57.8	56.8	62.8	70.0	69.3	53.9	876.6
65,0°	46.0	50.6	55.4	54.9	54.3	55.7	57.4	66.3	66.7	59.9	56.9	40.4	917.0
67,5°	39.9	43.1	46.6	48.3	49.4	51.9	60.8	65.3	58.0	53.0	50.7	28.1	945.1
70,0°	33.8	34.3	37.9	40.4	42.2	47.5	59.1	60.1	51.6	47.0	45.7	19.5	964.6
72,5°	26.5	26.0	26.8	30.1	34.3	41.5	47.9	49.8	43.4	38.3	37.0	12.6	977.3
75,0°	20.0	17.9	19.3	21.6	25.3	33.0	36.3	36.9	34.0	30.0	28.4	9.1	986.4
77,5°	13.7	12.6	13.0	14.9	17.2	22.7	24.4	24.6	24.0	21.6	19.8	6.5	992.8
80,0°	8.4	8.1	8.4	9.3	10.4	12.2	13.9	14.2	14.0	13.2	12.2	3.9	996.8
82,5°	4.9	4.6	4.7	5.2	5.6	6.0	6.8	6.8	6.5	6.2	5.7	2.1	998.9
85,0°	2.4	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0	0.8	999.7
87,5°	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	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.: 5XA779126V01AB EAN: 4069025140128	LP-Nummer 59472_58
Dimmstufen-Tabelle		Umgebungstemperatur: 0°C



Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
100	253	254	254060	1923.8
95	237	251	242357	1799.0
90	220	249	229176	1665.6
85	205	246	216887	1549.4
80	190	243	204010	1433.5
75	175	240	190760	1318.5
70	162	238	178758	1220.0
65	148	234	165684	1113.7
60	135	231	153052	1016.4
55	122	227	139992	918.3
50	110	223	127625	828.8
45	98	219	114932	739.8
40	86	214	101944	650.7
35	74	209	88704	562.2
30	63	203	76226	482.0
25	52	196	63341	401.8
20	41	187	50373	321.4
15	31	177	38490	250.8
10	20	161	24968	174.1
5	10	136	12748	93.0
1	2	77	2414	29.4

Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
80	----	----	----	----
80	185	243	191896	1378.4
75	172	240	181178	1280.4
70	158	237	169095	1174.4
65	144	233	156835	1069.4
60	131	230	144667	972.8
55	118	226	132282	876.3
50	106	222	120426	787.9
45	94	218	108193	699.6
40	83	213	96717	619.6
35	72	208	84946	539.6
30	61	202	72822	460.2
25	50	195	60173	381.2
20	40	186	48652	309.4
15	29	175	35942	233.1
10	19	159	23674	162.8
5	9	132	11484	83.3
1	2	77	2413	28.9

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779126V01AB EAN: 4069025140128	LP-Nummer 59472_58
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	254770.0	1931.5
25.0	194100.0	1398.9