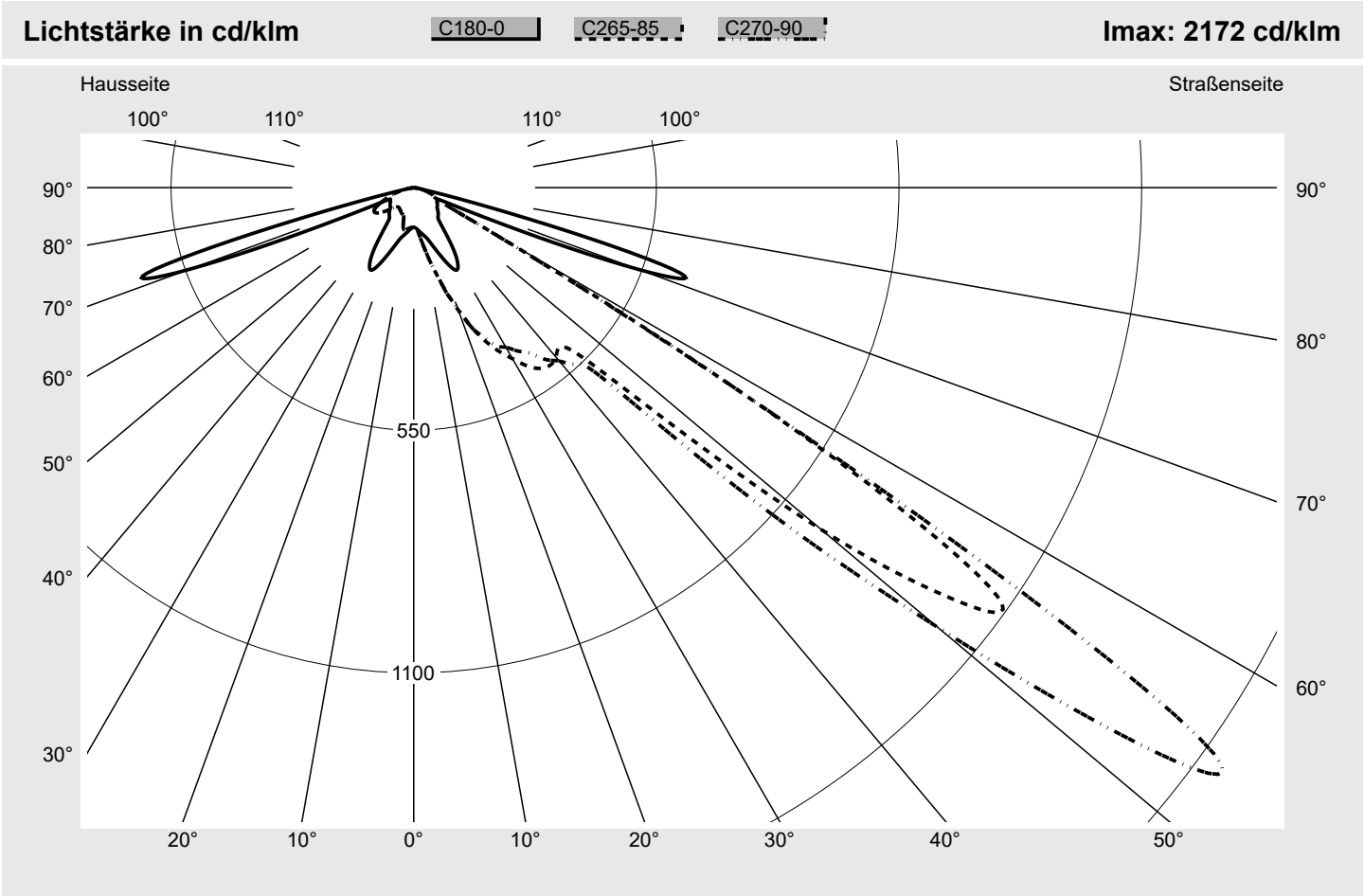


Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779125G01AB EAN: 4069025139825	LP-Nummer 59242_30
	Ausführung Optik Abdeckung Bestückung Betriebsgerät Bemessungswerte	Bügel gekröpft asymmetrisch strahlend PL33 Einscheibensicherheitsglas (ESG) LED 3000 K CRI ≥ 70 EVG-DALI Ta = 0 °C Nettolichtstrom = 178560 lm Systemleistung = 1524.2 W Lichtausbeute = 117.1 lm/W
	Seriendokumentation 06.08.2024	

siteco



Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	G3
Eta 0° - 90°	100.0%	Imax 70°	597.1
Eta 90° - 180°	0.0%	Imax 80°	17.6
Messbedingungen		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
DIN EN 13032 und DIN 5032			

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779125G01AB
EAN: 4069025139825

LP-Nummer
59242_30

Kegelmantelkurven in cd/klm

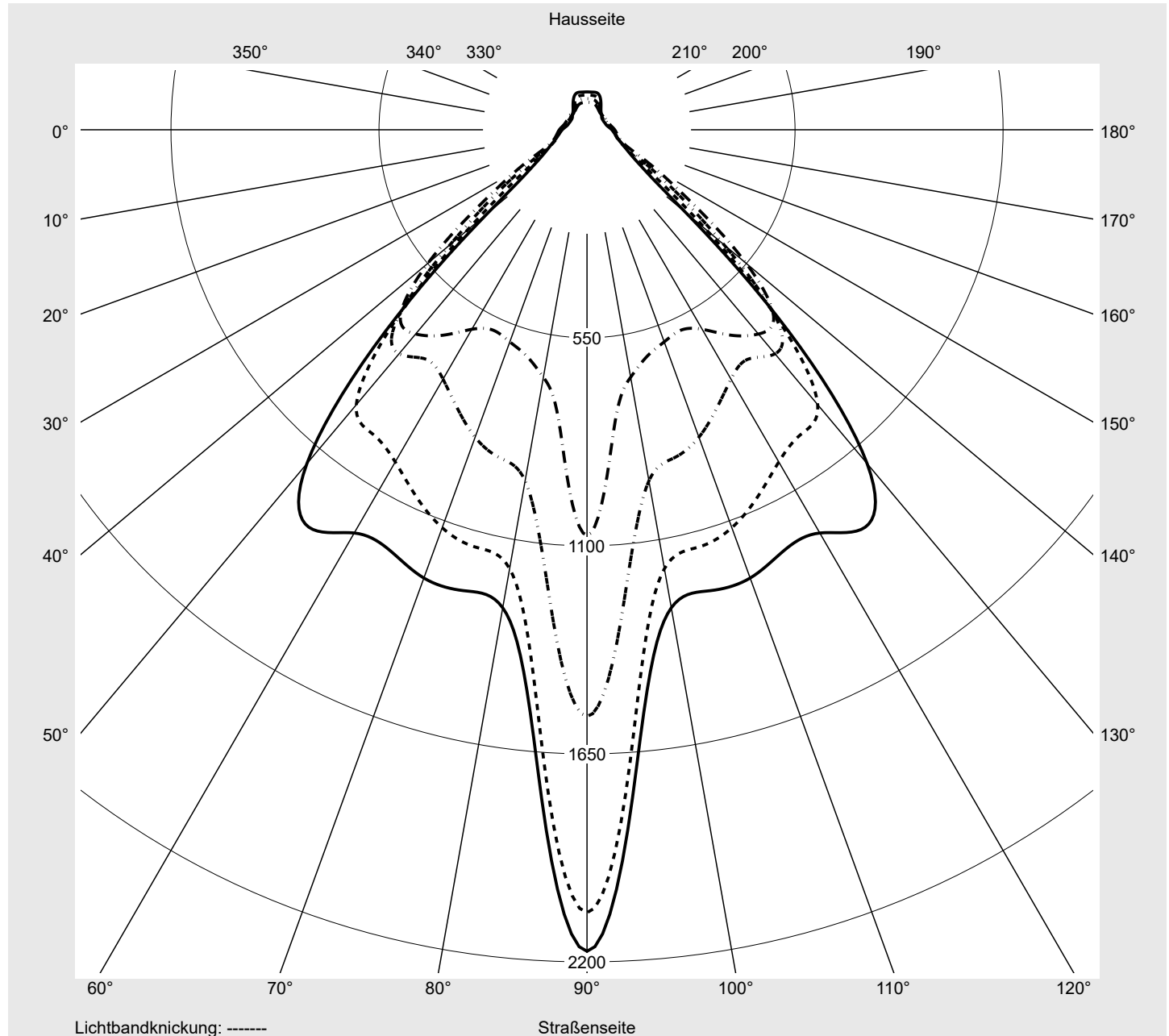
KMK 55°

KMK 52,5°

KMK 50°

KMK 47,5°

siteco



Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779125G01AB EAN: 4069025139825								LP-Nummer 59242_30	
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°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2,5°	91.5	91.5	91.5	91.5	91.4	91.4	91.4	91.3	91.3	91.1	91.0	90.8	90.7
5,0°	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.5	95.7	96.0	96.3	96.5	96.8
7,5°	100.2	100.4	100.5	100.8	101.3	102.2	103.5	105.3	107.5	109.8	111.9	113.5	114.7
10,0°	105.8	106.2	107.0	108.6	111.6	116.4	122.5	129.1	135.2	140.2	143.8	145.7	146.4
12,5°	112.1	113.1	115.7	121.6	131.3	144.1	157.4	169.6	179.5	186.5	190.4	191.4	190.0
15,0°	120.4	122.6	128.8	141.9	160.7	181.8	202.2	219.9	233.4	242.1	245.8	245.1	241.2
17,5°	134.5	138.5	149.5	171.2	199.2	229.9	259.8	286.2	305.8	318.3	322.2	318.2	308.4
20,0°	152.8	158.9	175.6	206.0	243.9	283.9	321.1	353.7	381.0	403.2	416.3	417.4	403.5
22,5°	174.6	184.5	207.6	245.0	286.4	326.0	360.0	390.0	418.1	446.4	472.3	492.4	498.8
25,0°	197.6	211.8	239.8	280.3	323.3	362.1	394.1	421.8	448.3	473.9	499.0	523.6	544.2
27,5°	210.6	231.0	265.1	311.5	358.9	394.2	432.5	461.6	487.5	509.2	526.0	540.7	555.4
30,0°	199.9	224.4	264.4	318.7	373.6	420.8	461.4	497.4	526.8	545.2	553.0	555.1	555.9
32,5°	170.4	195.6	237.8	296.3	357.8	416.7	471.0	523.3	563.4	580.0	578.1	569.0	556.7
35,0°	125.9	145.1	184.1	244.4	313.8	385.9	456.6	529.2	591.2	613.1	600.8	579.7	557.3
37,5°	94.1	102.5	125.5	172.6	242.7	332.8	425.5	518.8	603.0	639.5	623.0	589.3	559.1
40,0°	85.7	90.2	99.2	122.6	168.2	254.5	372.1	499.6	603.2	659.3	649.4	603.5	559.7
42,5°	82.2	86.8	91.9	105.4	133.5	195.4	301.4	467.2	603.5	670.8	671.6	618.2	556.5
45,0°	78.1	82.7	87.0	94.8	113.2	162.3	246.8	402.6	593.1	680.7	686.3	637.4	564.7
47,5°	73.3	77.5	82.1	88.7	101.2	135.8	215.6	342.7	549.3	697.8	705.0	663.1	609.1
50,0°	69.1	73.5	77.9	83.6	94.0	118.1	177.3	287.9	472.3	710.1	773.4	740.8	761.4
52,5°	67.6	71.9	76.1	81.8	92.2	112.4	148.9	227.9	413.8	722.9	948.9	984.2	1014.1
55,0°	65.5	70.4	76.3	83.3	94.6	111.0	136.0	186.8	341.8	754.2	1152.2	1282.6	1231.0
57,5°	62.8	69.6	78.6	88.1	100.7	114.8	134.9	171.7	221.3	573.8	1000.2	1255.1	1253.7
60,0°	61.1	70.0	82.1	95.0	107.8	118.2	131.7	162.4	154.5	186.0	429.5	717.8	757.9
62,5°	61.7	73.7	88.4	102.5	113.0	115.9	116.9	134.3	133.0	93.1	107.9	177.8	237.9
65,0°	67.6	85.8	98.8	105.9	108.2	102.7	95.3	97.6	106.1	75.7	61.5	64.5	70.9
67,5°	202.1	253.8	217.4	146.6	99.5	80.2	71.1	66.2	68.4	61.9	51.6	51.2	52.0
70,0°	541.8	597.1	448.5	245.3	109.9	61.0	52.1	46.8	48.0	48.2	45.4	45.2	44.8
72,5°	615.2	573.0	359.3	204.2	107.4	49.3	37.3	35.4	37.3	38.7	38.3	38.0	37.0
75,0°	235.5	183.2	99.8	46.0	59.2	36.6	27.6	28.3	29.7	30.7	30.1	30.5	29.7
77,5°	41.7	38.1	28.1	25.3	26.3	21.8	20.4	21.4	22.4	23.0	22.9	23.1	22.8
80,0°	16.8	15.0	14.0	15.7	16.3	14.4	14.0	14.5	15.8	15.9	15.5	15.5	15.5
82,5°	9.2	8.4	8.4	9.0	9.8	8.5	8.6	8.7	9.0	9.1	8.8	9.1	9.1
85,0°	4.1	4.0	3.9	4.1	4.5	4.1	4.0	4.1	3.9	3.9	3.8	3.7	3.6
87,5°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.1	1.2	1.2
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.: 5XA779125G01AB EAN: 4069025139825								LP-Nummer 59242_30	
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°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2,5°	90.6	90.5	90.5	90.5	90.5	91.0	91.5	91.4	91.4	91.3	91.1	90.9	90.8
5,0°	97.0	97.3	97.5	97.6	97.8	97.1	95.2	95.1	95.0	94.7	94.5	94.2	93.9
7,5°	115.3	115.6	115.6	115.5	115.4	115.6	100.2	100.0	99.8	99.5	99.1	98.7	98.2
10,0°	146.1	144.9	143.3	141.7	140.7	138.6	105.6	105.3	105.0	104.6	104.1	103.4	102.7
12,5°	186.9	182.6	178.1	174.1	171.5	171.1	111.6	111.1	110.6	110.0	109.2	108.4	107.5
15,0°	234.8	226.9	218.9	211.8	207.2	203.5	119.3	118.4	117.4	116.3	115.0	113.7	112.3
17,5°	295.5	281.5	268.1	256.9	249.9	253.2	132.0	129.4	127.2	124.7	122.1	119.6	117.2
20,0°	378.0	348.5	324.0	306.1	295.5	288.8	148.9	143.7	138.8	133.9	129.2	124.8	120.5
22,5°	483.5	442.8	394.0	359.9	342.6	342.5	167.4	159.4	150.6	142.1	134.3	127.2	117.8
25,0°	550.9	530.3	475.3	415.0	383.3	372.8	185.3	172.4	158.7	146.0	135.3	122.8	106.5
27,5°	568.0	568.5	541.2	474.2	418.0	404.5	192.6	174.7	157.4	143.0	129.9	111.7	90.8
30,0°	559.1	562.9	558.1	518.8	447.7	417.8	179.2	160.0	143.8	132.6	119.1	99.6	82.3
32,5°	545.2	540.7	542.3	535.6	479.5	439.2	151.0	135.0	124.0	117.5	107.2	93.8	80.9
35,0°	532.7	514.8	512.4	520.9	500.1	457.9	113.7	106.3	103.0	101.2	96.8	90.0	81.1
37,5°	526.3	498.0	489.1	503.8	507.6	491.0	89.5	87.2	87.0	87.2	88.3	85.8	79.6
40,0°	518.5	481.7	466.2	480.1	501.2	513.5	81.8	78.8	76.6	75.7	77.8	79.3	76.4
42,5°	507.6	465.9	442.4	452.3	490.2	542.3	77.9	74.4	71.1	68.4	68.1	70.6	70.5
45,0°	511.6	479.8	466.4	486.5	550.9	631.0	73.4	69.2	66.0	63.5	61.7	62.2	64.0
47,5°	585.1	596.8	618.7	664.4	802.2	1072.3	68.4	64.0	61.1	59.5	58.5	57.2	58.1
50,0°	811.9	865.0	897.1	942.5	1205.4	1551.1	64.0	59.7	57.3	56.0	55.3	54.2	54.0
52,5°	1069.4	1119.6	1142.1	1178.4	1521.9	2069.9	61.6	56.8	54.3	53.0	52.3	51.6	51.3
55,0°	1228.9	1261.2	1261.5	1283.4	1615.2	2171.9	60.0	55.1	52.1	50.8	49.5	49.0	49.2
57,5°	1152.5	1053.1	965.7	941.7	1046.1	1101.7	58.2	53.7	50.3	48.5	47.1	46.7	47.8
60,0°	663.1	519.9	400.3	320.4	250.2	237.0	55.2	52.5	49.2	47.0	46.3	46.7	49.1
62,5°	224.4	162.5	113.0	83.8	69.7	64.1	53.6	50.0	49.2	49.6	50.2	51.6	54.6
65,0°	69.9	62.0	56.1	53.5	51.6	52.0	55.0	49.9	51.9	55.1	58.6	61.6	63.8
67,5°	52.7	51.4	54.6	59.3	50.8	47.3	107.8	63.9	64.5	67.6	71.0	70.9	69.2
70,0°	45.5	46.1	72.5	82.0	52.1	42.8	265.1	114.3	76.8	71.5	67.9	62.6	57.9
72,5°	36.9	37.0	52.0	55.7	42.7	32.5	206.7	63.3	45.3	48.2	42.3	37.3	34.5
75,0°	29.1	28.7	34.3	37.2	30.5	25.1	69.9	29.5	25.0	25.6	24.2	23.1	23.3
77,5°	22.0	21.2	24.4	25.9	22.5	17.9	25.7	20.0	17.9	17.6	17.1	16.9	17.0
80,0°	15.1	14.5	15.9	16.4	14.7	13.0	16.8	14.1	12.4	11.8	11.4	11.2	11.1
82,5°	8.8	8.5	8.8	8.9	8.3	7.4	9.9	8.7	7.6	7.0	6.7	6.3	6.3
85,0°	3.5	3.4	3.3	3.3	3.2	3.4	4.2	4.0	3.6	3.2	3.0	2.9	2.7
87,5°	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.0	1.0	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.: 5XA779125G01AB EAN: 4069025139825								LP-Nummer 59242_30	
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°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	0.1	0.1
2,5°	90.6	90.4	90.2	90.1	90.0	89.9	89.9	89.9	89.9	89.8	89.9	1.1	1.2
5,0°	93.6	93.2	92.9	92.5	92.2	92.0	91.8	91.7	91.7	91.5	91.5	2.3	3.5
7,5°	97.6	96.9	96.3	95.7	95.2	94.7	94.3	94.1	93.8	93.6	93.6	3.7	7.2
10,0°	101.9	101.1	100.3	99.5	98.7	98.1	97.5	97.0	96.7	96.4	96.2	5.5	12.7
12,5°	106.5	105.5	104.3	103.2	102.2	101.2	100.2	99.4	98.7	98.0	97.7	7.9	20.6
15,0°	110.8	109.1	107.4	105.4	102.9	100.3	97.8	95.6	94.0	92.8	92.3	11.0	31.6
17,5°	114.8	111.6	105.9	98.3	90.9	85.4	81.8	79.6	78.0	76.7	76.0	14.8	46.4
20,0°	114.8	105.1	92.8	82.1	75.2	71.8	70.3	69.7	68.8	67.5	66.9	19.5	65.9
22,5°	104.2	88.8	77.3	72.6	70.6	69.0	67.8	67.3	66.7	65.8	65.3	24.7	90.6
25,0°	89.2	76.8	72.0	70.5	69.2	67.9	66.8	66.0	65.5	64.8	64.4	29.7	120.3
27,5°	76.9	70.8	69.7	69.0	68.1	67.1	65.7	64.4	63.5	62.8	62.4	34.3	154.6
30,0°	71.9	69.2	68.3	67.7	66.8	65.3	63.4	61.8	60.7	60.1	59.8	37.9	192.5
32,5°	72.4	68.3	66.8	65.7	64.4	62.9	61.3	59.8	59.0	58.6	58.3	40.3	232.9
35,0°	72.6	67.2	64.7	63.2	62.1	61.0	59.7	58.2	57.2	56.7	56.3	41.4	274.3
37,5°	72.1	65.4	62.2	61.1	60.5	59.3	58.2	57.2	56.6	56.1	55.8	41.9	316.2
40,0°	70.3	63.7	60.2	59.3	58.8	58.3	58.0	57.9	57.7	57.4	57.0	42.3	358.5
42,5°	66.7	61.7	58.5	57.7	58.1	59.0	59.7	60.3	60.6	60.2	59.9	42.9	401.5
45,0°	63.0	59.4	56.8	57.1	58.8	61.0	63.2	64.7	65.5	65.4	65.1	44.9	446.4
47,5°	59.3	57.2	56.0	57.5	60.6	64.6	68.7	71.4	72.5	72.7	72.5	51.9	498.3
50,0°	55.3	55.8	56.0	58.7	63.7	70.2	76.5	80.7	81.8	82.1	82.1	64.5	562.8
52,5°	52.4	54.9	56.6	60.9	68.2	77.5	86.3	91.1	92.0	91.9	92.0	79.7	642.5
55,0°	50.7	54.7	58.4	64.1	73.8	85.8	96.4	101.2	100.9	100.2	100.1	90.6	733.1
57,5°	50.6	55.4	61.1	68.5	80.1	93.6	104.7	108.4	106.3	104.5	104.1	77.5	810.6
60,0°	52.8	58.4	66.7	74.1	84.9	98.4	108.8	110.7	106.6	103.7	103.1	43.6	854.2
62,5°	58.4	65.0	80.6	89.5	87.7	99.2	107.7	107.4	101.3	97.4	96.4	23.9	878.1
65,0°	65.8	71.8	102.3	119.4	92.6	95.1	100.2	97.4	89.2	84.4	83.0	19.4	897.6
67,5°	68.0	70.4	111.1	138.4	101.7	85.1	85.3	81.6	74.2	71.7	69.5	22.2	919.7
70,0°	55.5	55.7	82.1	117.3	93.8	75.8	73.7	69.5	61.4	61.7	58.0	29.7	949.4
72,5°	36.4	39.0	47.1	64.2	63.4	60.8	59.8	54.4	47.5	49.2	46.7	24.9	974.3
75,0°	25.7	29.6	34.7	40.9	45.3	45.0	43.1	36.9	32.0	34.4	33.0	12.1	986.4
77,5°	18.1	21.0	23.8	26.7	29.4	30.9	29.2	24.5	21.7	22.1	21.7	6.3	992.8
80,0°	11.4	12.8	14.5	15.8	16.7	17.6	15.7	13.6	12.3	11.6	11.4	3.9	996.7
82,5°	6.4	6.8	7.3	7.3	7.8	7.8	6.6	5.8	5.3	5.1	5.1	2.1	998.8
85,0°	2.6	2.6	2.4	2.3	2.0	1.9	2.0	2.0	2.0	2.0	2.0	0.9	999.7
87,5°	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	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.: 5XA779125G01AB EAN: 4069025139825	LP-Nummer 59242_30
Dimmstufen-Tabelle		Umgebungstemperatur: 0°C

siteco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
100	253	254	178066	1518.0
95	237	251	169460	1415.5
90	219	249	160702	1312.7
85	204	246	151628	1213.3
80	189	243	142667	1120.3
75	174	240	133684	1030.6
70	160	237	124828	946.3
65	146	234	115904	864.5
60	133	230	107191	787.6
55	120	227	98056	710.5
50	108	223	89428	640.0
45	96	218	80471	569.8
40	84	213	71536	502.0
35	73	208	62663	437.0
30	61	202	53228	369.9
25	50	194	44262	307.9
20	40	186	35728	254.4
15	30	176	27009	198.2
10	20	161	18137	137.2
5	10	136	9205	76.0
1	3	91	2645	33.5

Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
80	----	----	----	----
77	175	240	128972	1025.3
75	171	240	126622	1000.8
70	156	236	117911	912.7
65	142	233	109424	831.0
60	129	229	100963	752.9
55	116	225	92490	678.3
50	104	221	84215	608.6
45	92	217	75576	539.0
40	81	212	67653	477.4
35	69	206	58633	410.1
30	59	201	50729	353.2
25	48	193	42069	293.0
20	38	185	33848	241.6
15	28	173	25007	183.3
10	18	157	16574	125.1
5	9	132	8232	68.8
2	3	92	2639	32.9

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779125G01AB EAN: 4069025139825	LP-Nummer 59242_30
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	178560.0	1524.2
25.0	130350.0	1040.3