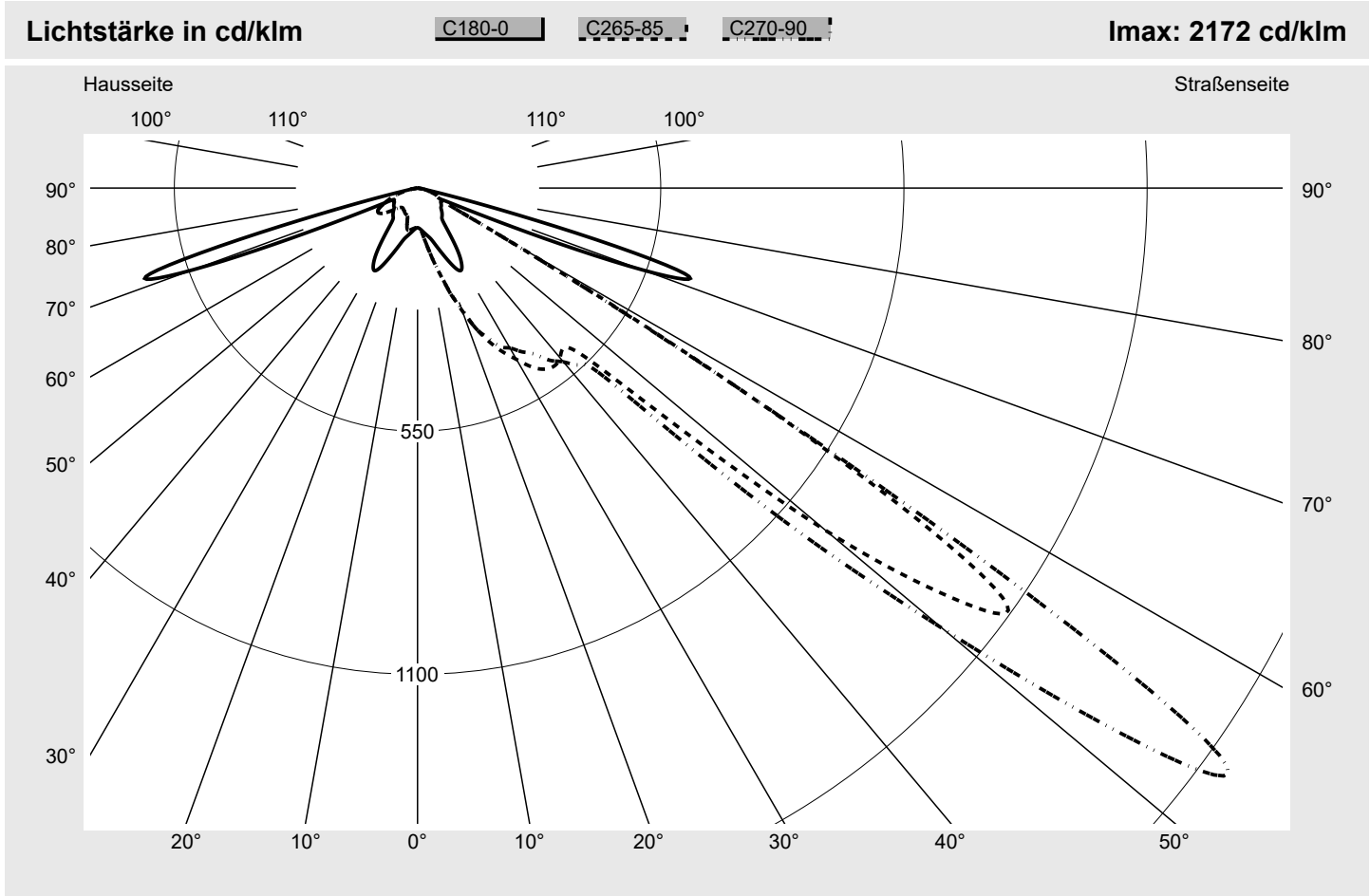


Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779127G01AA EAN: 4058352851043	LP-Nummer 59242_8
	Ausführung Bügel gekröpft Optik asymmetrisch strahlend PL33 Abdeckung Einscheibensicherheitsglas (ESG) Bestückung LED 5000 K CRI ≥ 70 Betriebsgerät EVG-DALI Bemessungswerte Ta = 10 °C Nettolichtstrom = 175390 lm Systemleistung = 1425.5 W Lichtausbeute = 123 lm/W	Seriendokumentation 02.11.2023





Leuchtenbetriebswirkungsgrade	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Lichtstärkeklasse nach EN13201-2	
Klasse:	G3
Imax 70°	597.1
Imax 80°	17.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

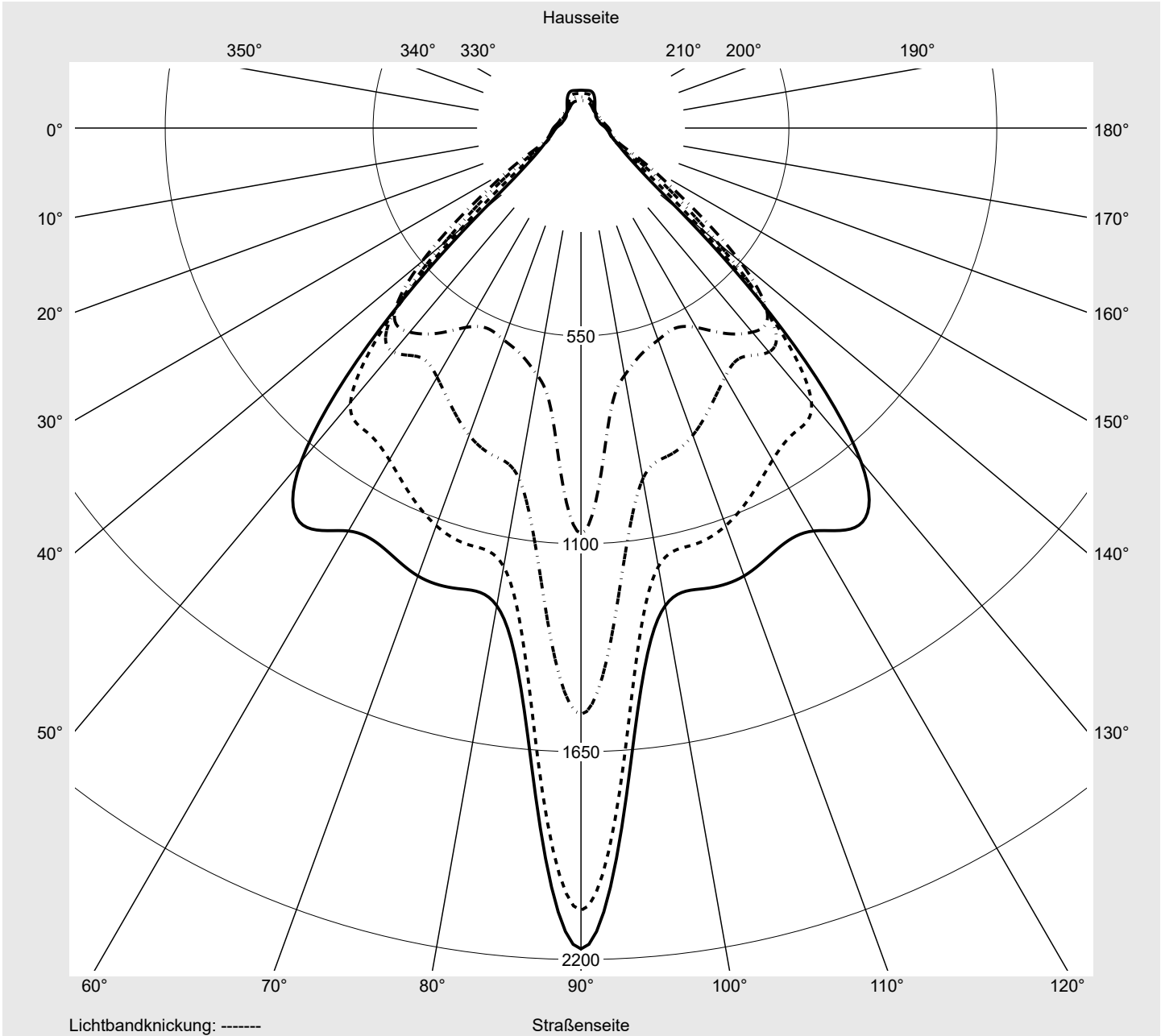
Messbedingungen
 DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779127G01AA EAN: 4058352851043	LP-Nummer 59242_8
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Kegelmantelkurven in cd/klm **KMK 55°** **KMK 52,5°** **KMK 50°** **KMK 47,5°**



Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779127G01AA EAN: 4058352851043	LP-Nummer 59242_8
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°	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.: 5XA779127G01AA EAN: 4058352851043	LP-Nummer 59242_8
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°	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.: 5XA779127G01AA EAN: 4058352851043	LP-Nummer 59242_8
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°	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	89.9	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.: 5XA779127G01AA EAN: 4058352851043	LP-Nummer 59242_8
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siteco

Dimmstufen-Tabelle Umgebungstemperatur: 10°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	175390	1425.5
95	232	251	166809	1297.9
90	213	248	157937	1188.0
85	196	245	149048	1090.3
80	181	242	140393	1003.6
75	167	239	131781	922.5
70	153	235	123092	842.9
65	139	232	113757	764.2
60	127	229	105558	696.9
55	115	225	96460	629.9
50	103	221	87915	563.3
45	90	216	78567	491.7
40	79	211	69779	431.9
35	69	206	61584	377.6
30	58	200	52506	317.3
25	47	192	43872	258.0
20	38	184	35236	210.5
15	28	173	26495	157.9
10	19	159	17823	111.2
5	9	132	8969	59.2
1	2	77	2405	21.2

Dimmstufen-Tabelle Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	---	---	---	---
95	---	---	---	---
93	219	249	155365	1214.1
90	209	247	150820	1156.4
85	192	244	142229	1058.7
80	176	241	133907	966.7
75	162	238	125718	886.6
70	149	235	117406	813.3
65	135	231	108678	735.1
60	123	228	100720	668.6
55	112	224	92237	608.1
50	98	219	83506	530.4
45	88	215	75593	476.2
40	77	210	67116	416.8
35	66	205	58357	356.7
30	56	199	49979	303.2
25	46	192	42354	250.0
20	36	183	33159	197.8
15	27	172	25355	151.2
10	18	157	16887	104.4
5	8	127	7994	53.3
1	2	77	2385	20.9

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779127G01AA EAN: 4058352851043	LP-Nummer 59242_8
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Lichtstrom-Tabelle	sITeco
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Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	175390.0	1425.5
25.0	155930.0	1221.6