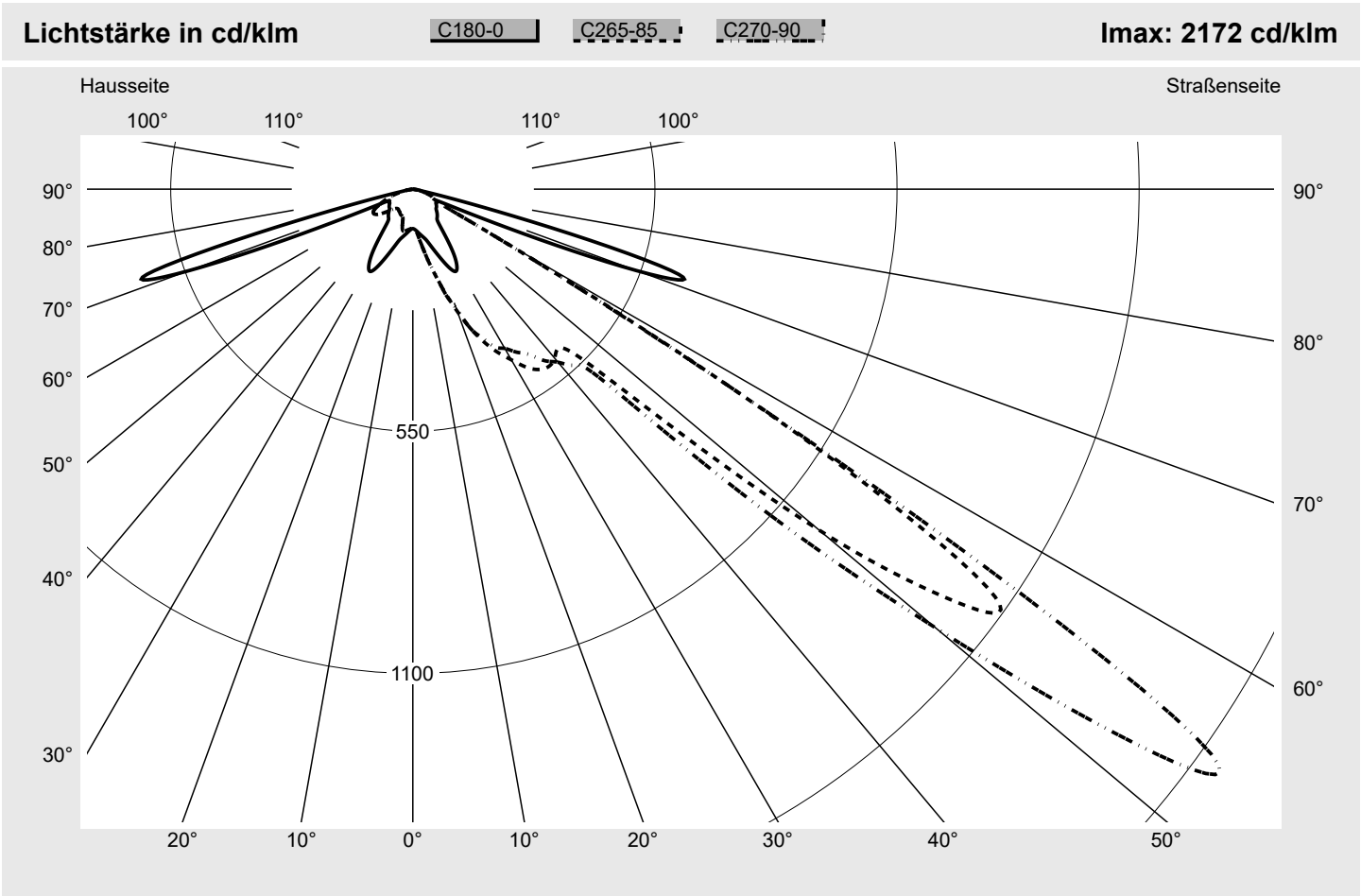


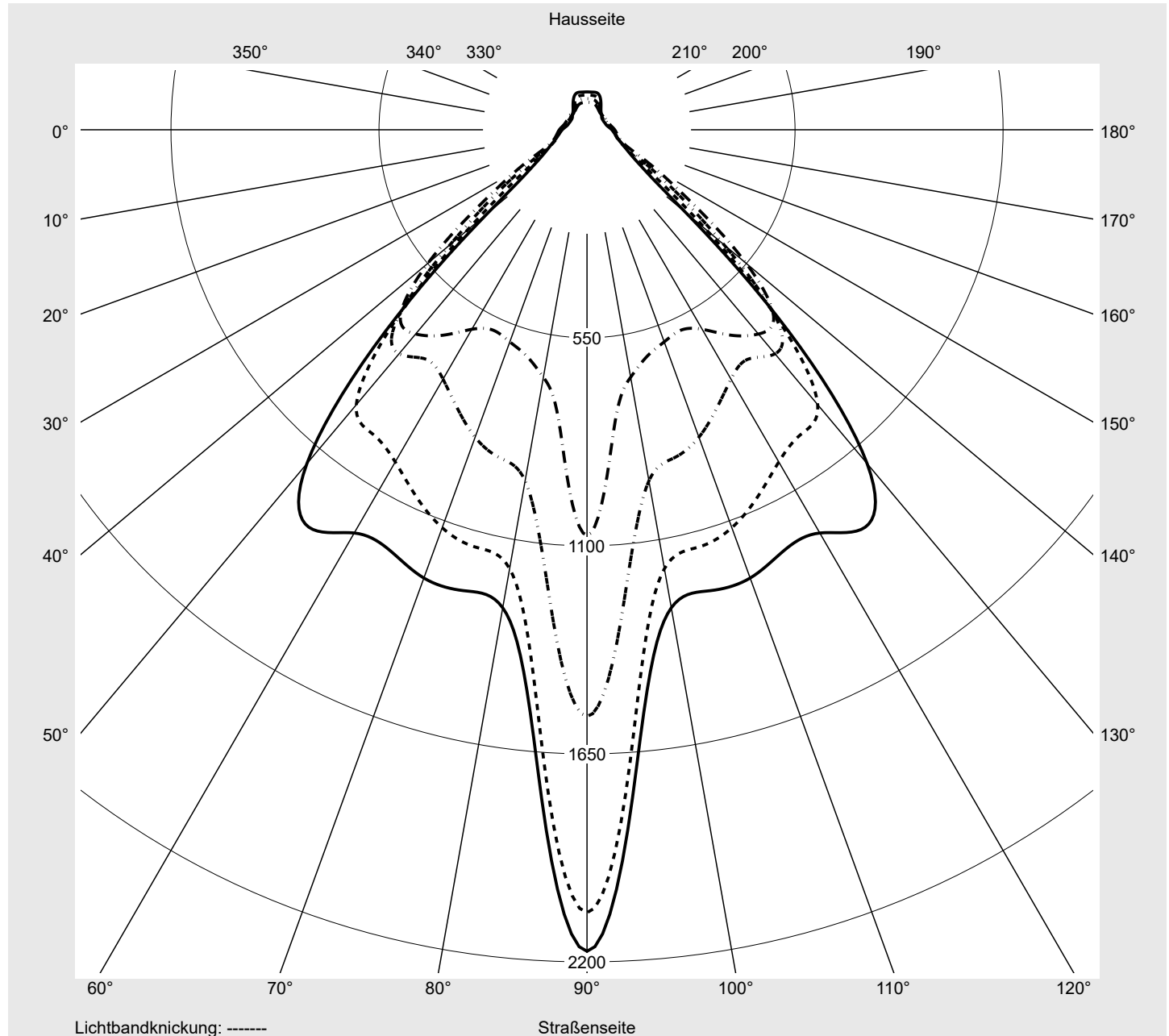
Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779126G01AB EAN: 4069025140029	LP-Nummer 59242_31
	Ausführung Optik Abdeckung Bestückung Betriebsgerät Bemessungswerte	Bügel gekröpft asymmetrisch strahlend PL33 Einscheibensicherheitsglas (ESG) LED 4000 K CRI ≥ 70 EVG-DALI Ta = 0 °C Nettolichtstrom = 190270 lm Systemleistung = 1594.3 W Lichtausbeute = 119.3 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
		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.: 5XA779126G01AB**
EAN: 4069025140029**LP-Nummer**
59242_31**Kegelmantelkurven in cd/klm****KMK 55°****KMK 52,5°****KMK 50°****KMK 47,5°****siteco**

Lichttechnischer Prüfbefund

Familie Floodlight FL11		Bestell-Nr.: 5XA779126G01AB EAN: 4069025140029										LP-Nummer 59242_31	
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°	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.: 5XA779126G01AB EAN: 4069025140029										LP-Nummer 59242_31	
Wertetabelle Lichtstärkemessung										Maximale Lichtstärke			
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.: 5XA779126G01AB EAN: 4069025140029										LP-Nummer 59242_31	
Wertetabelle Lichtstärkemessung												sīteco	
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.: 5XA779126G01AB EAN: 4069025140029	LP-Nummer 59242_31
Dimmstufen-Tabelle		Umgebungstemperatur: 0°C

siteco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	252	254	189231	1581.3
95	236	251	180486	1476.3
90	220	249	171040	1369.1
85	203	246	161920	1268.2
80	189	243	152473	1171.4
75	174	240	142722	1075.5
70	160	237	133248	986.2
65	146	234	123996	902.6
60	132	230	114068	816.8
55	120	227	104968	741.2
50	107	222	95043	661.8
45	95	218	85575	589.1
40	84	213	76365	521.0
35	73	208	66984	453.8
30	61	202	57126	385.4
25	50	194	47356	319.6
20	40	186	37864	260.5
15	30	176	28970	205.7
10	20	161	19457	142.5
5	10	136	9897	78.7
1	3	91	2843	34.3

Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	----	----	----	----
80	----	----	----	----
77	177	241	138920	1082.9
75	170	239	134761	1039.6
70	156	236	125924	951.4
65	142	233	117004	866.6
60	128	229	107759	782.5
55	116	225	99072	707.8
50	103	221	89492	628.8
45	92	217	81066	562.3
40	80	212	71843	492.3
35	69	206	62700	425.9
30	58	200	53596	361.9
25	48	193	45066	303.9
20	38	185	36142	249.0
15	28	173	26860	190.6
10	18	157	17626	128.9
5	9	132	8851	71.1
2	3	92	2837	33.7

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779126G01AB EAN: 4069025140029	LP-Nummer 59242_31
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
0.0	190270.0	1594.3
25.0	139730.0	1091.5