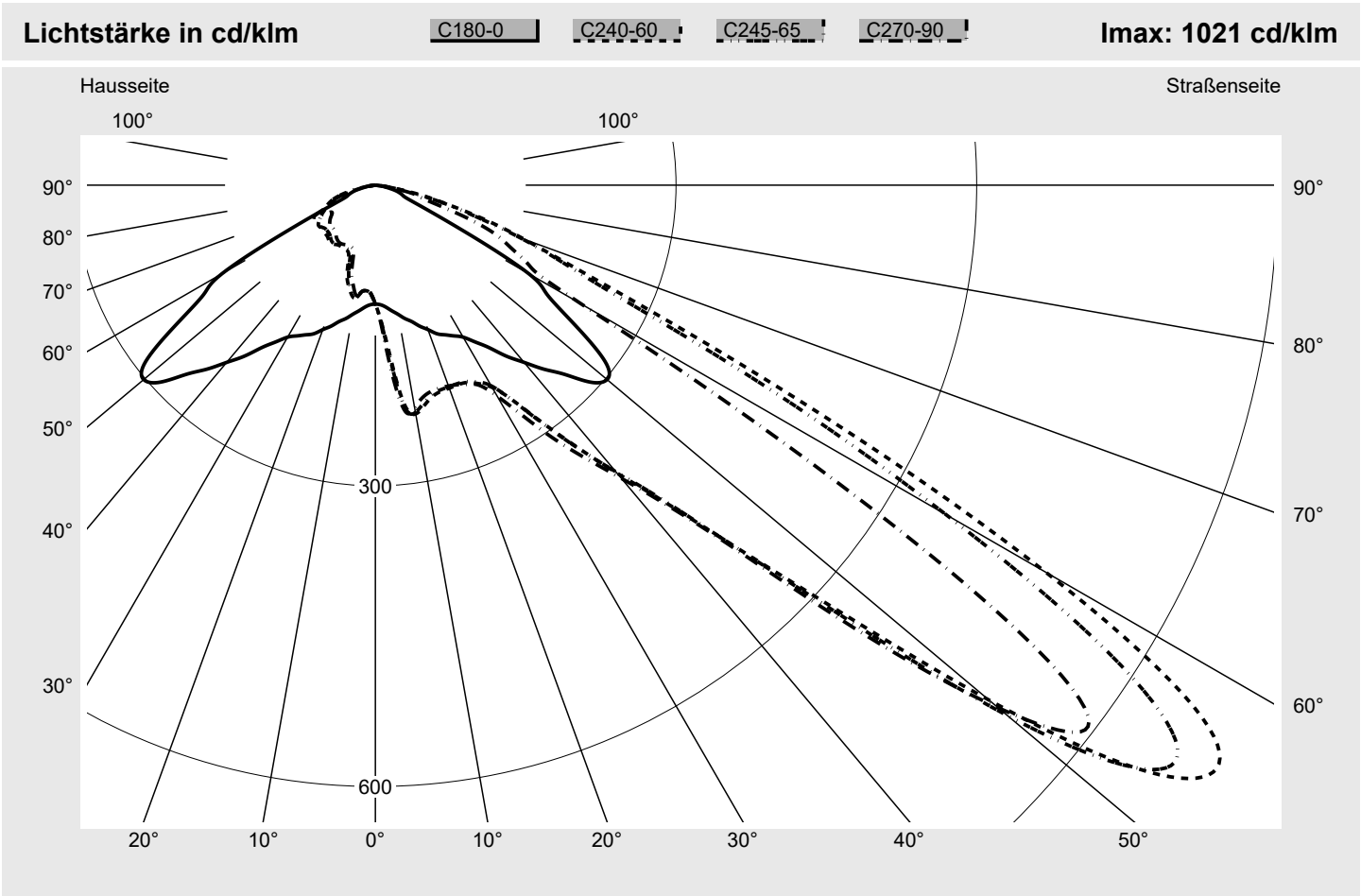


Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779618V02FB EAN: 4069025142757	LP-Nummer 59472_122
	Ausführung Optik Abdeckung Bestückung Betriebsgerät Bemessungswerte	Bügel gekröpft asymmetrisch strahlend PL64 Einscheibensicherheitsglas (ESG) LED 5700 K CRI ≥ 80 EVG-DALI Ta = 10 °C Nettolichtstrom = 146820 lm Systemleistung = 1170.3 W Lichtausbeute = 125.5 lm/W
		Seriodokumentation 09.08.2024

siteco



Leuchtenbetriebswirkungsgrade	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Messbedingungen	
DIN EN 13032 und DIN 5032	

Lichtstärkeklasse nach EN13201-2	
Klasse:	G6
Imax 70°	158.5
Imax 80°	24.0
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Lichttechnischer Prüfbefund

Familie
Floodlight FL11

Bestell-Nr.: 5XA779618V02FB
EAN: 4069025142757

LP-Nummer
59472_122

Kegelmantelkurven in cd/klm

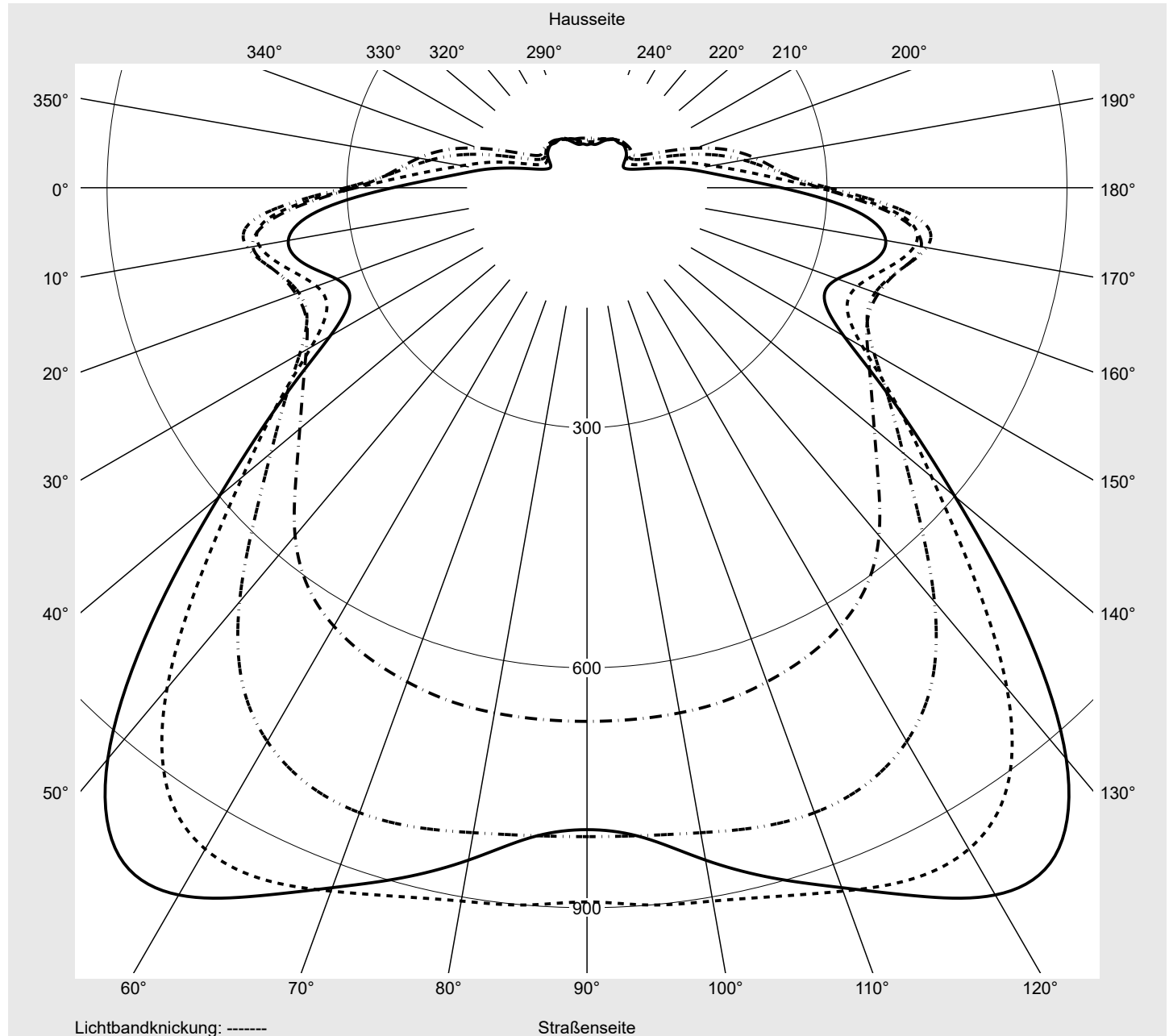
KMK 55°

KMK 52,5°

KMK 50°

KMK 47,5°

sit^{eco}



Lichttechnischer Prüfbefund

Familie Floodlight FL11				Bestell-Nr.: 5XA779618V02FB EAN: 4069025142757								LP-Nummer 59472_122	
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.: 5XA779618V02FB EAN: 4069025142757						LP-Nummer 59472_122	
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.: 5XA779618V02FB EAN: 4069025142757								LP-Nummer 59472_122	
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.: 5XA779618V02FB EAN: 4069025142757	LP-Nummer 59472_122
Dimmstufen-Tabelle Umgebungstemperatur: 10°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	252	254	145894	1160.5
95	237	251	139293	1090.9
90	221	249	131942	1016.5
85	206	246	124821	947.5
80	191	244	117422	878.5
75	177	241	110197	814.3
70	163	238	102699	750.2
65	150	235	95629	691.3
60	136	231	87901	628.3
55	123	227	80518	569.7
50	111	224	73516	515.9
45	99	219	66310	462.3
40	87	215	58913	409.3
35	75	209	51285	356.1
30	64	204	44265	308.0
25	53	197	36779	259.9
20	42	188	29365	213.1
15	31	177	21941	165.0
10	20	161	14359	109.6
5	10	136	7206	61.9
1	2	77	1338	24.2

Dimmstufen-Tabelle

Umgebungstemperatur: 25°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
95	----	----	----	----
90	----	----	----	----
85	204	246	120761	931.8
80	189	243	113643	863.0
75	175	240	106720	799.4
70	161	237	99516	735.6
65	147	234	92148	672.7
60	134	231	85245	614.5
55	121	227	78017	556.0
50	109	223	71208	502.9
45	97	219	64112	449.8
40	85	214	56890	396.8
35	73	208	49420	344.1
30	62	202	42458	296.6
25	52	196	35779	253.1
20	41	187	28502	207.0
15	30	176	21080	157.9
10	20	161	14286	108.5
5	10	136	7180	61.3
1	2	77	1335	23.9

Lichttechnischer Prüfbefund

Familie Floodlight FL11	Bestell-Nr.: 5XA779618V02FB EAN: 4069025142757	LP-Nummer 59472_122
Lichtstrom-Tabelle		siteco

Temperatur °C	Lichtstrom lm	Systemleistung W
10.0	146820.0	1170.3
25.0	121060.0	934.7