

Lichttechnischer Prüfbefund

Familie

Streetlight 11 mini LED



Bestell-Nr.: 5XC2CC1F08GE

EAN: 4069025076656

Ausführung

Mastansatz- / Mastaufsatzmontage

Optik

asymmetrisch, extrem breit strahlend (P1.0a)

Abdeckung

klar, PMMA

Bestückung

LED 2200 K | CRI ≥ 70

Betriebsgerät

EVG SITECO iQ

Einstellung

indiv. Einstellung

Bemessungswerte

Nettolichtstrom = 2590 lm

Systemleistung = 21.6 W

Lichtausbeute = 119.9 lm/W

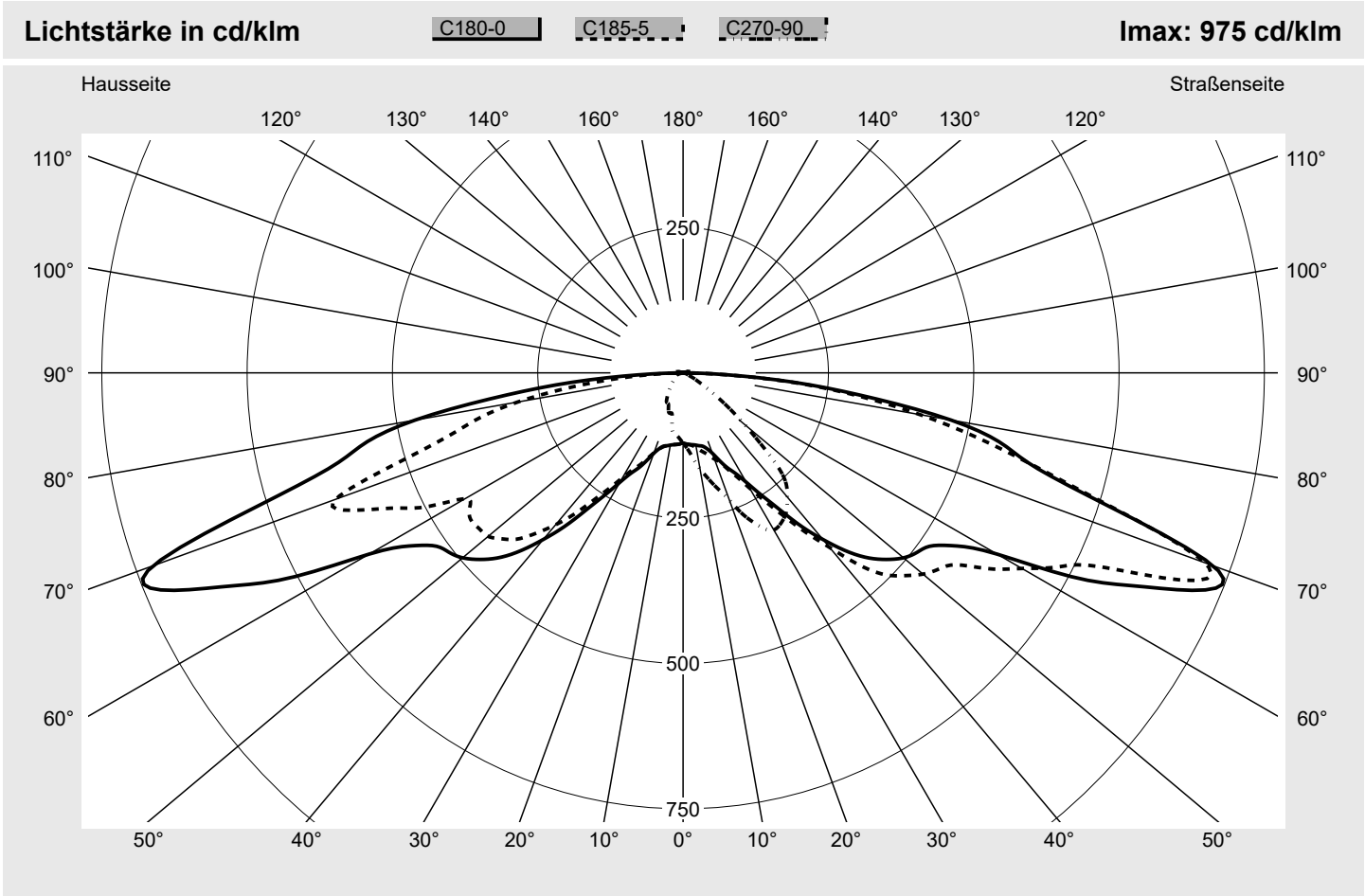
LP-Nummer

58290_299

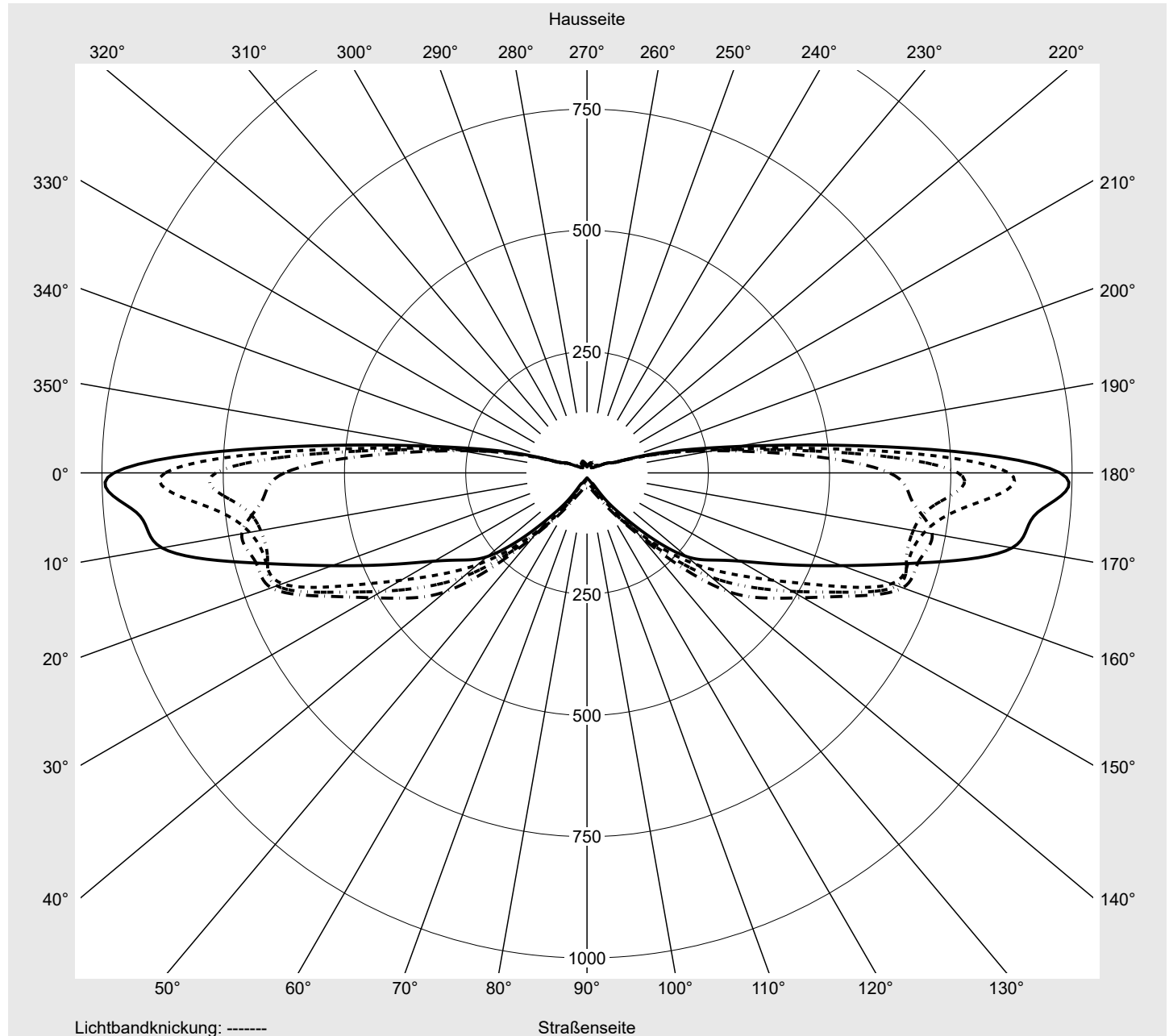
Seriendokumentation

06.06.2024

siteco



Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	---
Eta 0° - 90°	100.0%	Imax 70°	970.0
Eta 90° - 180°	0.0%	Imax 80°	468.3
		Imax 90°	0.0
		Imax >90°	0.0
		Imax >95°	0.0
Messbedingungen			
DIN EN 13032 und DIN 5032			

Lichttechnischer Prüfbefund**Familie**
Streetlight 11 mini LED**Bestell-Nr.: 5XC2CC1F08GE**
EAN: 4069025076656**LP-Nummer**
58290_299**Kegelmantelkurven in cd/klm****KMK 67,5°****KMK 65°****KMK 62,5°****KMK 60°****sit**eco

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED				Bestell-Nr.: 5XC2CC1F08GE EAN: 4069025076656								LP-Nummer 58290_299	
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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
2,5°	122.3	122.5	122.6	123.2	123.7	123.4	123.1	123.4	123.7	124.7	125.7	126.5	127.1
5,0°	123.7	124.0	124.3	125.4	126.6	128.2	129.7	130.6	131.5	133.0	134.7	136.1	137.1
7,5°	124.7	126.5	128.8	133.3	138.0	141.2	143.7	145.6	147.0	148.2	149.3	150.9	152.7
10,0°	126.2	130.4	135.0	141.5	147.9	152.4	156.1	159.3	161.9	163.8	165.3	167.1	168.6
12,5°	128.5	136.5	143.9	149.9	155.1	160.1	165.1	170.7	176.1	180.5	184.4	184.5	184.6
15,0°	130.7	142.2	152.4	158.4	163.4	169.3	175.7	182.8	189.8	195.8	201.5	201.5	201.6
17,5°	136.9	149.0	159.7	166.0	171.2	178.3	185.9	193.8	201.6	209.1	215.4	218.9	221.5
20,0°	147.2	157.9	167.8	175.4	182.7	192.3	201.7	209.0	215.6	222.8	229.4	234.3	238.7
22,5°	163.1	166.7	172.6	184.8	199.0	212.3	225.7	228.8	232.4	237.4	242.9	248.6	254.3
25,0°	180.1	183.6	186.3	201.4	216.7	233.0	249.6	250.1	250.6	254.1	257.7	261.5	265.5
27,5°	195.0	202.5	211.1	222.8	234.9	245.6	255.3	263.7	271.6	274.1	276.7	275.9	274.9
30,0°	217.4	229.1	240.4	248.8	256.5	258.7	260.9	276.1	291.2	290.9	290.7	282.9	275.1
32,5°	248.0	261.1	273.7	276.3	278.7	281.0	283.2	296.0	308.8	305.0	301.1	282.5	263.9
35,0°	284.4	299.2	312.1	310.8	309.6	308.8	308.1	317.2	326.4	317.0	303.5	277.7	247.7
37,5°	331.0	344.9	353.9	352.0	350.1	342.1	334.1	331.6	329.1	314.6	295.3	262.0	223.9
40,0°	374.2	392.1	403.9	400.7	397.5	381.6	365.7	351.4	334.7	312.8	284.2	244.3	200.1
42,5°	416.0	448.2	476.1	469.0	461.9	436.1	408.8	377.9	344.2	306.8	268.7	233.2	198.3
45,0°	450.1	491.0	528.9	521.1	513.4	481.0	445.7	402.1	354.4	301.8	253.4	220.1	196.6
47,5°	475.2	516.4	552.2	548.7	545.2	514.2	477.5	425.1	365.1	297.4	237.2	204.4	183.7
50,0°	495.1	538.7	575.9	576.8	577.8	542.1	500.6	443.3	376.5	295.9	223.5	186.9	164.8
52,5°	507.3	554.5	593.7	603.7	613.8	565.0	513.8	459.3	394.8	302.7	215.3	165.9	133.8
55,0°	519.6	575.8	624.0	634.5	645.0	582.4	520.6	465.7	401.7	301.3	203.9	146.6	109.0
57,5°	553.9	627.9	687.7	682.8	677.8	595.6	517.6	457.2	391.1	286.3	185.8	129.4	93.7
60,0°	623.7	673.2	722.6	707.6	692.7	600.9	514.7	449.6	380.6	273.4	171.3	113.5	77.7
62,5°	765.0	724.1	683.2	681.8	680.4	582.0	488.3	410.0	334.1	244.9	162.1	106.3	59.2
65,0°	869.8	788.1	706.3	687.2	668.1	550.6	442.6	362.9	293.8	220.9	152.9	96.0	43.0
67,5°	975.3	932.6	889.9	716.1	559.2	446.8	363.8	313.2	268.3	192.9	118.3	70.4	30.3
70,0°	970.0	955.0	939.9	679.3	458.3	349.5	293.2	261.4	232.0	159.5	86.0	46.9	17.5
72,5°	775.6	781.4	787.2	572.6	358.0	286.7	225.8	200.4	176.6	116.6	57.2	30.5	13.2
75,0°	627.2	632.9	638.6	459.6	280.7	225.1	176.3	151.1	126.7	80.5	28.3	19.1	9.8
77,5°	561.6	521.6	481.7	351.7	241.3	188.8	157.4	120.1	84.9	51.4	18.6	13.2	7.8
80,0°	468.3	413.9	354.0	271.0	194.5	158.4	131.2	85.3	43.2	23.9	11.7	8.7	6.1
82,5°	324.8	303.9	272.2	207.6	132.0	113.5	92.3	60.4	30.7	17.2	8.7	6.6	4.8
85,0°	198.9	192.4	185.9	132.3	78.7	69.1	57.4	37.8	19.3	11.0	5.8	4.5	3.4
87,5°	74.6	72.1	69.7	49.6	29.5	25.9	21.5	14.2	7.2	4.1	2.2	1.7	1.3
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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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

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Familie Streetlight 11 mini LED				Bestell-Nr.: 5XC2CC1F08GE EAN: 4069025076656								LP-Nummer 58290_299	
Wertetabelle Lichtstärkemessung												siteco	
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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
2,5°	127.4	127.7	127.7	127.7	128.0	128.2	122.3	122.3	122.1	121.9	121.9	121.9	121.9
5,0°	137.7	138.1	138.1	138.1	138.3	138.5	123.5	123.4	123.4	123.5	123.6	123.7	123.0
7,5°	153.2	153.7	154.1	154.4	153.8	153.2	124.4	124.2	124.7	125.1	126.8	128.5	125.0
10,0°	169.4	170.0	169.9	169.8	168.9	167.9	125.6	124.9	126.7	128.2	129.0	129.5	125.4
12,5°	186.2	187.7	185.4	183.4	182.4	181.9	128.2	128.0	130.8	133.6	127.8	122.8	120.2
15,0°	203.1	204.5	201.3	198.0	197.7	197.3	131.6	132.5	135.5	138.4	129.3	120.2	118.1
17,5°	221.1	220.7	216.8	212.9	213.1	213.3	137.5	138.1	140.1	142.1	132.7	123.3	131.5
20,0°	237.1	235.3	232.9	230.3	231.6	232.8	146.5	145.8	146.1	146.4	137.0	127.5	145.4
22,5°	251.7	249.2	252.2	255.2	257.7	260.2	159.2	155.9	153.9	152.3	145.2	138.0	144.5
25,0°	262.6	259.7	266.6	272.9	277.9	282.5	174.3	167.8	162.7	156.9	148.6	139.5	137.4
27,5°	273.1	271.1	276.4	282.7	291.9	301.9	188.1	180.5	171.1	159.6	143.2	127.6	120.2
30,0°	273.0	270.9	278.6	287.3	299.1	311.9	208.0	197.1	181.3	162.2	137.9	115.4	103.4
32,5°	258.5	253.1	268.9	284.0	297.3	309.8	235.0	218.3	192.5	162.9	130.4	102.2	88.7
35,0°	241.8	235.9	259.7	280.8	293.6	303.6	266.3	241.9	204.7	163.6	126.6	90.2	79.4
37,5°	221.5	219.2	243.1	264.9	280.3	293.6	305.1	269.2	219.6	166.4	120.4	76.1	69.0
40,0°	201.6	203.2	224.2	244.3	262.0	278.8	341.2	295.9	233.5	168.6	117.3	69.5	62.5
42,5°	194.5	190.6	204.0	219.3	240.4	263.5	374.2	321.6	248.4	174.7	122.4	76.2	62.4
45,0°	183.0	173.7	181.1	188.4	211.6	234.8	404.7	347.2	258.7	171.4	116.1	78.6	58.3
47,5°	166.4	151.9	148.8	145.8	164.0	182.2	422.7	354.8	251.4	153.4	104.1	75.7	55.6
50,0°	143.4	127.0	116.6	108.7	123.0	137.2	437.8	362.3	255.4	136.9	101.6	70.4	51.2
52,5°	109.5	93.2	82.9	75.5	87.9	100.2	441.4	357.0	245.6	123.8	91.0	62.0	44.6
55,0°	83.7	68.1	58.1	51.2	60.7	70.1	444.3	351.7	234.7	108.3	78.5	52.6	38.0
57,5°	69.7	55.1	45.5	38.8	43.2	47.7	435.9	307.2	196.3	88.9	63.7	38.6	31.8
60,0°	55.7	43.7	35.1	29.0	29.8	30.7	432.8	262.8	155.7	69.5	50.0	30.6	27.2
62,5°	45.8	34.2	27.6	22.7	22.4	22.0	499.7	270.6	150.5	66.7	49.5	32.3	26.2
65,0°	33.9	25.8	20.7	17.3	15.0	13.3	550.6	278.5	147.6	63.8	47.3	32.8	24.3
67,5°	23.9	18.3	14.9	12.7	11.3	10.3	617.8	312.8	165.5	70.6	49.4	31.3	22.8
70,0°	15.0	12.6	10.7	9.1	8.4	7.8	636.6	347.2	190.2	77.4	53.8	30.2	23.7
72,5°	11.1	9.3	8.0	7.1	6.5	6.2	514.7	286.9	158.3	62.8	44.8	29.5	21.6
75,0°	8.2	6.8	5.9	5.3	5.0	4.8	416.2	231.8	127.1	49.1	38.4	28.8	22.2
77,5°	6.4	5.2	4.5	4.0	3.9	3.8	359.2	185.2	96.4	36.1	28.9	22.5	18.4
80,0°	4.7	3.9	3.4	2.9	2.9	2.8	288.8	136.8	67.1	24.9	20.6	16.9	14.8
82,5°	3.7	3.0	2.5	2.2	2.0	1.9	201.0	77.2	46.4	15.6	13.8	12.1	11.7
85,0°	2.6	2.1	1.7	1.4	1.2	1.1	116.7	34.5	21.4	8.3	8.0	7.7	8.1
87,5°	1.0	0.8	0.6	0.5	0.5	0.4	43.8	12.9	8.0	3.1	3.0	2.9	3.0
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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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

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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	Maximale Lichtstärke Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	0.2	0.2
2,5°	121.8	120.9	120.1	119.4	118.5	117.2	115.8	115.0	114.5	114.5	114.5	1.5	1.6
5,0°	122.2	120.9	119.3	117.4	115.4	113.4	111.6	110.5	109.6	109.5	109.3	3.0	4.6
7,5°	121.7	118.7	115.9	113.2	110.9	109.7	108.9	107.8	106.8	106.3	106.0	4.7	9.3
10,0°	121.2	116.7	112.6	109.6	106.9	106.6	106.2	105.2	104.1	103.3	102.6	6.5	15.9
12,5°	118.6	117.2	115.1	110.4	105.1	100.6	96.6	93.4	90.8	89.2	88.0	8.4	24.3
15,0°	116.0	116.8	117.6	109.1	101.2	94.7	88.9	82.7	77.5	75.0	73.4	10.4	34.7
17,5°	139.7	125.7	112.7	102.6	94.6	89.1	84.7	80.1	75.7	74.2	72.8	12.7	47.4
20,0°	163.4	133.0	107.2	94.3	87.5	82.1	78.6	75.8	73.8	72.8	72.1	15.3	62.7
22,5°	151.0	124.6	101.5	87.2	78.1	72.7	69.9	67.8	66.4	66.1	65.9	17.9	80.6
25,0°	135.4	113.5	93.9	80.5	71.1	65.3	61.1	60.0	58.9	59.3	59.7	20.6	101.1
27,5°	112.9	97.6	82.4	74.1	68.4	63.2	58.5	58.2	57.9	58.1	58.4	23.2	124.3
30,0°	94.4	82.6	72.4	67.5	64.3	60.1	56.0	56.4	56.9	57.0	57.1	25.8	150.2
32,5°	80.6	71.7	64.5	60.2	57.4	55.6	54.2	53.9	53.6	52.6	51.5	28.4	178.6
35,0°	69.6	62.4	57.1	54.0	51.8	51.5	51.1	50.6	49.8	48.1	46.2	31.1	209.7
37,5°	62.1	55.8	49.6	49.0	48.3	47.0	45.4	45.3	45.2	43.0	40.7	33.7	243.4
40,0°	55.7	49.5	43.7	44.0	44.3	42.4	40.5	40.3	40.1	38.0	35.9	36.5	279.9
42,5°	50.5	44.3	40.1	39.7	39.3	37.9	36.4	34.7	33.2	32.4	31.9	40.2	320.1
45,0°	45.5	41.1	36.7	35.9	35.1	34.3	33.1	30.8	28.1	28.2	28.3	43.1	363.3
47,5°	40.8	37.2	33.6	32.5	31.4	31.1	30.9	28.2	25.4	25.3	25.1	44.7	407.9
50,0°	36.2	33.3	30.4	29.6	28.8	29.0	29.2	26.3	23.4	22.8	22.2	46.1	454.0
52,5°	31.0	28.9	26.9	27.4	27.8	28.0	28.1	25.0	22.2	20.7	19.7	46.9	500.9
55,0°	27.2	25.4	23.6	25.1	26.6	26.9	27.2	24.2	21.3	19.3	17.4	47.7	548.7
57,5°	26.0	22.8	20.6	23.0	25.1	26.0	26.6	23.8	21.0	18.3	15.6	48.6	597.2
60,0°	24.0	21.0	18.1	20.9	23.3	24.8	25.9	23.3	20.6	17.2	13.7	49.2	646.5
62,5°	20.9	18.1	16.2	18.7	21.2	21.9	22.5	20.6	18.5	16.0	13.4	49.9	696.3
65,0°	17.8	16.0	14.3	16.7	19.1	19.4	19.8	18.2	16.6	14.7	12.9	50.6	746.9
67,5°	17.5	15.6	13.7	15.6	17.2	18.1	18.7	16.9	15.1	13.7	12.4	52.1	799.0
70,0°	17.3	15.2	13.2	13.9	14.7	15.6	16.4	14.7	13.2	12.2	11.3	50.2	849.2
72,5°	17.4	14.6	13.1	11.9	10.9	11.5	12.1	11.3	10.6	10.1	9.8	41.2	890.4
75,0°	17.5	14.8	13.0	10.6	8.2	8.3	8.4	8.2	8.0	7.7	7.4	33.2	923.6
77,5°	15.5	13.1	11.1	9.0	6.9	6.2	5.6	5.2	5.0	3.9	2.9	27.2	950.8
80,0°	13.3	11.2	9.0	7.2	5.6	4.1	2.8	2.8	2.7	1.5	0.2	21.1	971.9
82,5°	11.3	8.7	6.5	5.1	4.0	2.9	1.9	1.7	1.6	0.9	0.2	15.2	987.1
85,0°	8.4	6.1	4.1	3.2	2.6	1.8	1.1	0.7	0.4	0.3	0.2	9.4	996.5
87,5°	3.1	2.3	1.6	1.2	1.0	0.7	0.4	0.3	0.2	0.2	0.1	3.5	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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 Streetlight 11 mini LED	Bestell-Nr.: 5XC2CC1F08GE EAN: 4069025076656	LP-Nummer 58290_299
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
		siteco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	2590	21.6	22.2	21.9
95	241	252	2457	20.5	21.1	20.8
90	229	250	2335	19.4	20.0	19.7
85	216	248	2203	18.3	18.9	18.6
80	203	246	2070	17.2	17.8	17.5
75	190	243	1937	16.1	16.6	16.4
70	178	241	1815	15.2	15.6	15.4
65	165	238	1682	14.1	14.5	14.3
60	152	235	1550	13.0	13.4	13.2
55	140	232	1428	12.1	12.4	12.2
50	127	229	1295	11.1	11.4	11.2
45	114	225	1162	10.1	10.4	10.2
40	102	221	1040	9.2	9.4	9.3
35	89	216	908	8.2	8.4	8.3
30	76	210	775	7.2	7.4	7.3
25	63	203	642	6.2	6.3	6.2
20	51	195	520	5.3	5.4	5.4
15	38	184	387	4.3	4.4	4.4
14	36	182	367	4.1	4.2	4.2