

Lichttechnischer Prüfbefund

Familie
Streetlight 11 micro LED

Bestell-Nr.: 5XC1CC1F08DE
EAN: 4069025076397

LP-Nummer
58063_261



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Einstellung	indiv. Einstellung
Bemessungswerte	Nettolichtstrom = 3280 lm Systemleistung = 23.2 W Lichtausbeute = 141.4 lm/W

Seriendokumentation
22.05.2024

siteco

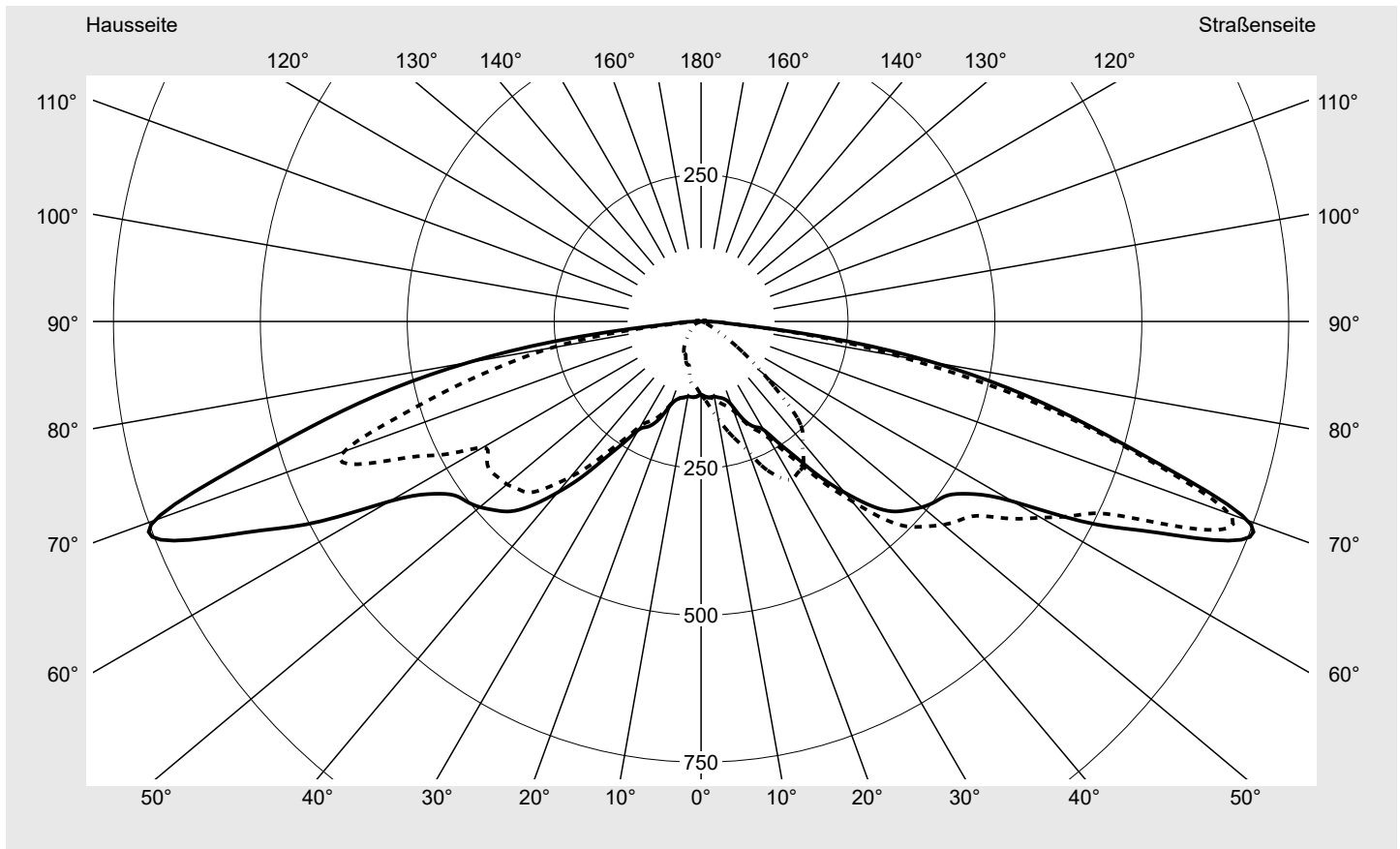
Lichtstärke in cd/klm

C180-0

C185-5

C270-90

Imax: 989 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	989.5
Imax 80°	402.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Messbedingungen

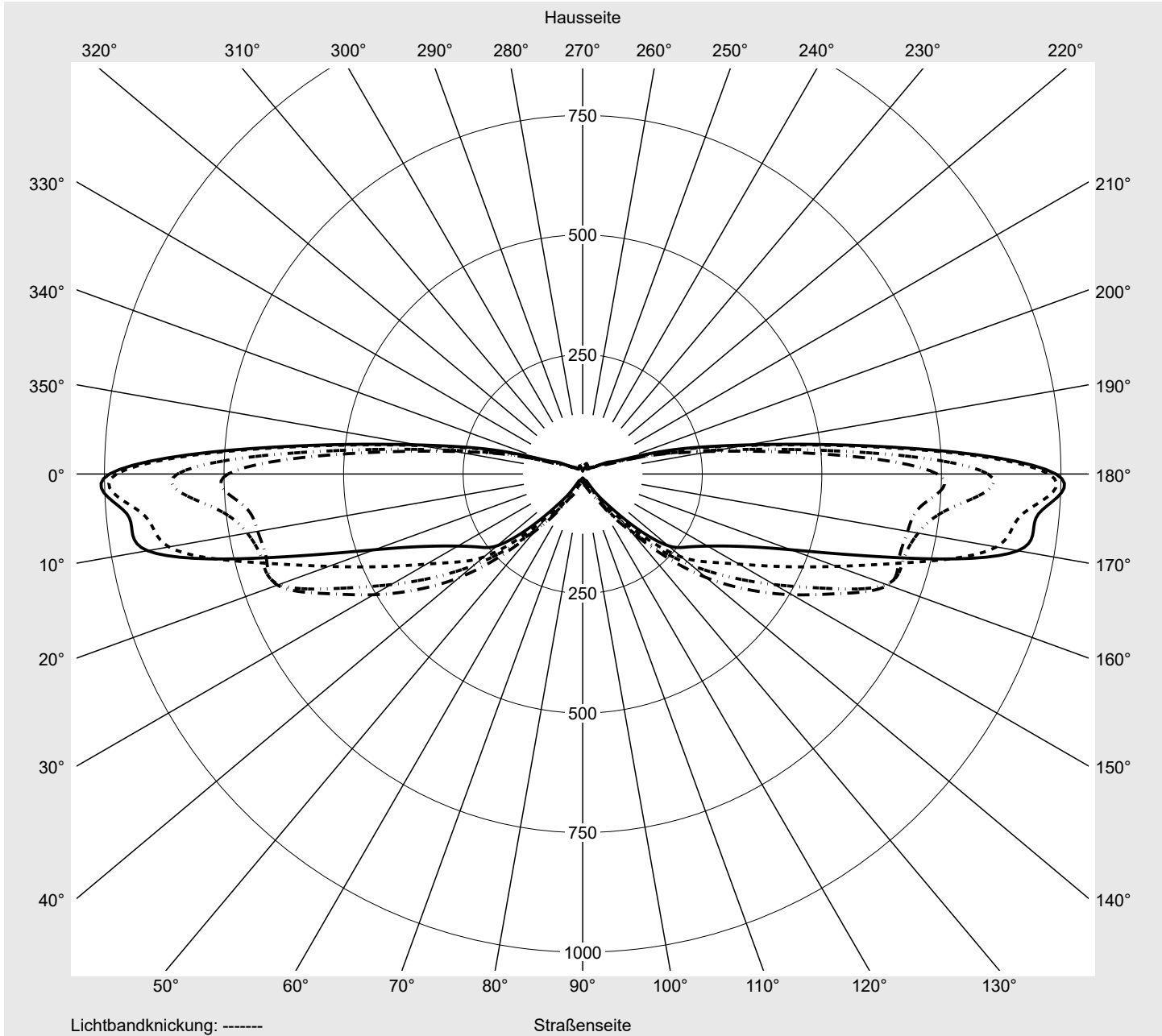
DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 70°** **KMK 67,5°** **KMK 65°** **KMK 62,5°**



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Familie Streetlight 11 micro LED	Bestell-Nr.: 5XC1CC1F08DE EAN: 4069025076397	LP-Nummer 58063_261
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°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6
2,5°	127.0	126.9	126.7	127.1	127.5	127.3	127.1	128.3	129.5	129.7	130.1	130.6	131.2
5,0°	129.4	129.7	129.9	131.6	133.3	133.8	134.2	136.5	138.5	139.4	140.0	140.9	141.8
7,5°	129.5	131.2	133.6	138.7	143.9	146.8	149.1	151.9	154.4	155.9	156.8	157.5	158.1
10,0°	129.7	134.2	139.4	146.6	153.6	158.3	162.1	165.8	169.0	171.3	173.3	173.9	174.6
12,5°	132.2	140.4	148.4	155.8	162.3	167.0	171.3	176.3	181.1	185.3	189.4	189.9	190.5
15,0°	134.8	146.4	156.9	164.5	170.7	176.6	182.2	188.1	194.0	199.8	205.5	206.6	207.7
17,5°	139.8	152.1	163.1	170.1	176.2	184.1	192.2	199.8	207.4	215.7	222.8	226.3	228.6
20,0°	151.0	162.2	172.4	179.8	187.1	197.9	208.5	215.8	222.4	230.5	237.9	242.4	245.9
22,5°	174.4	179.0	184.6	194.4	206.6	220.1	234.5	236.8	239.6	243.7	248.6	253.7	259.0
25,0°	192.5	197.2	200.3	212.0	224.9	242.0	260.4	258.9	257.4	259.0	261.2	265.2	269.7
27,5°	202.8	210.3	217.6	227.2	238.5	251.8	265.9	270.3	274.3	276.8	278.7	280.3	281.7
30,0°	213.1	228.0	242.7	251.7	258.7	264.6	271.4	282.3	294.5	293.7	292.8	288.0	283.7
32,5°	244.6	260.4	276.7	281.4	286.1	286.2	286.4	306.4	326.3	316.5	305.5	289.8	274.8
35,0°	282.9	300.1	316.1	317.6	319.2	314.0	308.8	326.9	345.1	329.2	310.9	285.5	257.6
37,5°	333.9	349.8	361.3	359.3	357.4	348.9	340.5	341.1	341.8	326.7	305.4	265.9	220.2
40,0°	379.9	398.5	411.0	406.7	402.4	389.4	375.8	360.7	343.6	326.1	299.9	252.8	198.4
42,5°	423.6	452.2	475.0	468.4	461.7	442.8	420.4	388.6	352.5	315.2	277.3	240.7	204.4
45,0°	456.8	492.9	524.2	518.3	512.3	487.3	457.2	413.0	362.6	308.3	258.7	224.8	201.4
47,5°	475.5	516.4	551.6	551.7	551.9	521.1	484.9	433.5	374.3	306.8	245.7	210.0	186.6
50,0°	491.4	538.2	578.7	582.9	587.1	549.7	507.2	451.2	386.1	306.4	233.6	193.5	167.9
52,5°	503.2	555.2	600.4	609.4	618.4	574.3	526.5	470.9	404.4	312.6	225.5	175.0	141.6
55,0°	514.9	576.5	631.8	638.3	644.8	591.1	535.5	478.3	409.9	308.7	211.5	155.7	119.1
57,5°	546.5	624.5	690.5	680.1	669.8	598.7	528.8	467.0	396.4	287.5	185.0	133.5	103.0
60,0°	612.4	667.9	723.5	703.4	683.3	601.3	522.1	456.0	382.9	270.8	166.0	114.7	85.6
62,5°	741.6	715.8	690.0	684.7	679.5	591.9	505.0	421.3	336.9	242.9	158.3	106.2	64.7
65,0°	847.5	779.9	712.2	694.0	675.7	566.2	462.6	375.5	296.7	219.8	150.6	96.0	46.7
67,5°	974.7	926.6	878.5	713.8	564.9	457.9	376.9	321.0	270.1	194.9	121.9	73.7	32.8
70,0°	989.5	956.7	924.0	674.9	463.3	357.9	301.7	266.3	233.4	162.9	91.8	51.1	19.0
72,5°	831.9	816.0	800.1	583.1	366.1	295.6	234.6	206.1	179.1	118.9	59.9	32.6	14.6
75,0°	681.5	667.1	652.6	470.2	287.8	232.2	183.0	156.1	129.7	81.8	27.9	19.4	11.0
77,5°	548.6	506.8	451.2	346.8	243.9	193.2	158.6	118.0	80.3	48.7	19.3	14.0	8.7
80,0°	402.4	343.4	286.5	233.7	187.8	156.1	126.6	84.0	44.9	25.8	12.7	9.5	6.7
82,5°	236.3	206.9	176.9	143.8	113.5	94.6	77.5	52.1	28.7	17.2	9.4	7.2	5.2
85,0°	70.2	68.8	67.3	53.3	39.3	39.7	40.0	27.0	15.8	10.1	6.1	4.8	3.6
87,5°	35.1	34.4	33.7	26.6	19.6	17.6	15.0	10.4	5.9	3.8	2.3	1.8	1.4
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		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°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6
2,5°	131.1	130.9	130.9	130.9	131.4	131.9	126.9	126.8	126.1	125.5	125.9	126.3	126.8
5,0°	141.5	141.3	141.2	141.1	141.4	141.8	129.1	128.6	127.9	127.1	127.7	128.4	128.2
7,5°	157.8	157.4	157.6	157.8	156.3	154.8	129.6	129.6	129.5	129.3	130.9	132.4	129.8
10,0°	174.4	174.2	173.9	173.5	171.2	169.0	130.3	130.9	131.7	132.5	132.9	133.3	129.2
12,5°	191.4	192.5	190.0	187.6	185.8	184.3	132.5	132.7	134.6	136.6	133.1	128.7	122.0
15,0°	208.6	209.6	205.9	202.3	201.4	200.5	134.6	134.4	137.9	141.3	133.2	126.0	121.3
17,5°	227.3	225.9	221.2	216.4	216.5	216.6	139.7	139.6	143.5	147.3	135.2	123.1	136.0
20,0°	243.2	240.3	236.8	233.2	234.6	236.0	149.3	147.6	150.0	152.3	139.2	126.0	144.7
22,5°	255.9	252.7	253.2	253.7	258.5	263.4	167.4	159.8	158.4	156.9	150.7	144.4	150.0
25,0°	266.4	263.2	268.7	274.2	279.5	284.8	182.5	171.8	164.9	159.3	153.9	149.1	145.3
27,5°	279.5	277.3	278.7	280.0	290.8	301.5	192.1	180.4	169.0	157.3	144.5	132.5	124.7
30,0°	280.8	278.3	282.1	285.9	297.9	309.9	204.4	194.7	177.5	157.5	136.4	117.1	105.2
32,5°	265.9	258.9	270.2	281.7	293.6	305.8	231.5	215.7	189.9	160.5	129.5	102.7	89.7
35,0°	249.1	240.7	259.9	277.5	290.3	301.7	264.1	240.1	204.4	164.7	127.2	89.9	79.7
37,5°	221.8	223.5	244.4	263.2	275.5	285.6	306.6	270.5	223.9	172.9	123.8	74.6	67.8
40,0°	203.1	207.9	226.8	244.2	257.0	268.4	345.3	299.3	239.5	176.3	121.8	69.1	61.7
42,5°	201.2	197.9	209.1	221.7	238.2	256.0	381.0	325.6	248.6	172.7	120.2	83.0	62.5
45,0°	189.2	181.7	186.8	191.9	211.1	230.3	411.6	352.0	259.0	169.0	119.6	88.2	65.7
47,5°	170.0	157.1	152.5	147.9	164.8	181.6	422.2	353.0	248.0	149.8	105.3	81.5	60.8
50,0°	146.6	130.9	119.6	110.2	124.7	139.2	431.1	353.9	248.2	131.8	100.7	72.8	54.5
52,5°	116.3	98.9	87.1	77.9	90.5	103.0	435.6	350.8	238.4	115.6	86.2	60.3	45.3
55,0°	92.1	74.1	62.4	53.8	63.4	73.0	439.5	347.7	228.5	99.2	72.5	49.5	37.7
57,5°	77.0	58.9	48.1	40.5	44.9	49.2	431.5	306.1	191.4	78.2	58.5	38.8	32.3
60,0°	61.9	46.2	36.8	30.3	30.9	31.5	429.1	264.5	155.8	65.7	49.2	32.6	28.1
62,5°	49.8	36.7	29.4	24.0	22.9	21.8	489.6	270.9	151.9	66.0	48.8	34.0	26.1
65,0°	37.0	28.3	22.5	18.6	16.3	14.7	546.3	287.4	155.7	66.3	49.2	34.1	25.5
67,5°	26.6	20.9	16.7	13.7	12.1	11.0	635.2	341.7	186.3	76.8	54.4	32.0	24.6
70,0°	17.0	14.9	12.3	9.9	8.9	8.2	646.5	350.5	195.4	87.3	59.0	30.7	23.7
72,5°	12.4	10.4	8.9	7.6	7.1	6.6	541.4	290.6	159.2	67.5	48.8	32.7	24.1
75,0°	8.9	7.1	6.2	5.6	5.4	5.2	439.7	231.4	123.8	49.7	39.9	30.9	23.8
77,5°	7.0	5.5	4.7	4.2	3.9	3.7	344.9	171.2	87.0	32.7	27.6	22.8	18.7
80,0°	5.1	4.1	3.4	3.0	2.8	2.6	258.9	115.4	67.6	19.9	17.9	16.0	14.2
82,5°	4.0	3.2	2.6	2.2	2.0	1.9	151.3	66.3	39.6	12.8	11.7	10.8	10.3
85,0°	2.8	2.2	1.7	1.5	1.3	1.2	43.7	17.3	12.2	7.2	6.8	6.4	6.5
87,5°	1.0	0.8	0.7	0.6	0.5	0.5	21.9	8.7	5.7	2.7	2.5	2.4	2.4
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 Maximale Lichtstärke

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°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	0.2	0.2
2,5°	127.2	125.8	124.4	123.3	122.1	120.5	119.0	118.1	117.5	117.1	116.9	1.5	1.7
5,0°	128.1	126.3	124.3	121.4	118.6	116.5	114.7	113.2	111.9	111.2	110.6	3.1	4.8
7,5°	127.0	123.7	120.0	116.4	112.7	112.6	112.4	110.5	108.6	108.6	108.5	4.9	9.7
10,0°	124.9	120.3	115.8	112.0	108.5	109.2	110.0	107.5	105.2	103.7	102.4	6.7	16.4
12,5°	114.6	116.9	119.2	112.6	106.6	102.8	99.8	96.1	92.9	91.4	90.3	8.6	25.0
15,0°	117.6	120.0	122.5	113.4	104.8	97.8	91.6	86.0	80.6	79.4	78.2	10.7	35.8
17,5°	148.9	131.4	115.8	105.4	97.9	92.3	87.9	83.2	78.7	77.8	77.0	13.1	48.9
20,0°	163.4	134.0	109.1	96.8	90.1	85.0	81.7	78.8	76.7	75.2	73.9	15.6	64.5
22,5°	155.6	128.1	104.0	90.2	79.8	75.5	71.8	69.9	68.6	68.3	68.1	18.4	82.9
25,0°	141.8	117.6	96.2	81.8	72.0	66.1	62.0	61.3	60.5	61.4	62.2	21.2	104.0
27,5°	116.0	99.6	83.3	74.1	68.0	63.2	59.2	59.4	59.6	60.5	61.3	23.6	127.6
30,0°	95.5	83.3	72.6	67.1	63.5	60.0	56.8	57.8	58.8	58.8	58.8	26.0	153.7
32,5°	81.8	72.5	65.0	60.7	58.2	56.4	55.0	55.0	55.0	54.5	54.0	28.7	182.4
35,0°	70.4	63.1	57.7	55.0	53.4	53.3	53.2	51.9	50.8	49.8	48.8	31.6	214.0
37,5°	61.4	55.7	50.2	49.8	49.4	48.1	47.1	46.5	46.2	44.4	42.5	34.2	248.2
40,0°	54.7	49.2	44.3	44.7	45.2	43.5	41.9	41.5	41.1	39.1	37.2	37.2	285.4
42,5°	51.9	45.1	40.7	40.4	39.9	39.1	37.9	36.1	34.1	33.6	33.2	40.8	326.2
45,0°	48.4	42.9	37.4	36.5	35.7	35.1	34.6	31.8	29.0	29.2	29.4	43.8	370.0
47,5°	43.9	39.3	34.7	33.6	32.5	32.3	32.1	29.2	26.3	25.9	25.6	45.2	415.2
50,0°	39.3	35.4	31.5	30.7	29.8	29.9	30.0	27.1	24.2	23.3	22.5	46.6	461.8
52,5°	34.0	30.7	27.5	27.5	27.4	28.0	28.6	25.5	22.9	21.4	20.3	47.5	509.2
55,0°	29.6	26.8	24.0	24.7	25.5	26.4	27.4	24.5	21.8	19.9	18.2	48.2	557.5
57,5°	26.7	23.4	20.9	22.8	24.4	25.6	26.7	23.9	21.2	18.7	16.2	48.7	606.2
60,0°	24.0	21.0	18.4	20.7	22.9	24.5	25.9	23.3	20.5	17.4	14.3	49.2	655.4
62,5°	21.5	18.4	16.3	18.5	20.6	22.1	23.4	20.9	18.5	16.0	13.6	50.0	705.4
65,0°	19.0	16.9	14.7	16.6	18.4	19.6	20.7	18.3	16.0	14.4	13.0	51.1	756.5
67,5°	18.4	15.5	13.7	15.1	16.3	17.3	18.2	15.5	13.0	11.1	9.3	52.9	809.3
70,0°	17.7	14.9	13.2	13.5	13.8	14.3	14.9	12.2	9.7	7.8	6.1	50.7	860.0
72,5°	18.0	15.7	13.6	12.0	10.8	10.2	9.8	7.8	6.1	4.6	3.2	42.6	902.6
75,0°	18.4	15.3	13.2	10.3	7.8	6.7	5.8	4.1	2.4	1.3	0.4	34.3	936.9
77,5°	15.5	13.5	11.9	9.5	7.1	5.3	3.8	2.5	1.5	0.8	0.2	26.3	963.2
80,0°	12.5	11.3	9.9	8.1	6.1	3.9	1.7	1.2	0.6	0.3	0.0	18.8	982.0
82,5°	9.6	8.2	6.6	5.4	4.3	2.9	1.3	0.8	0.4	0.2	0.1	11.5	993.5
85,0°	6.6	5.1	3.8	3.2	2.7	1.8	0.9	0.5	0.3	0.2	0.2	4.4	997.9
87,5°	2.5	1.9	1.4	1.2	1.0	0.7	0.3	0.2	0.1	0.1	0.1	2.0	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 micro LED	Bestell-Nr.: 5XC1CC1F08DE EAN: 4069025076397	LP-Nummer 58063_261
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	3280	23.2	23.6	23.4
95	241	252	3112	21.8	22.2	22.0
90	229	250	2957	20.6	21.0	20.8
85	216	248	2789	19.3	19.7	19.5
80	203	246	2621	18.1	18.4	18.2
75	190	243	2454	16.8	17.1	17.0
70	178	241	2299	15.7	16.0	15.8
65	165	238	2131	14.5	14.8	14.6
60	152	235	1963	13.4	13.6	13.5
55	140	232	1808	12.3	12.6	12.4
50	127	229	1640	11.2	11.4	11.3
45	114	225	1472	10.1	10.3	10.2
40	102	221	1317	9.2	9.3	9.2
35	89	216	1149	8.1	8.2	8.1
30	76	210	981	7.2	7.2	7.2
25	63	203	814	6.2	6.3	6.2
20	51	195	659	5.3	5.4	5.4
16	41	187	529	4.6	4.6	4.6