

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2C41E08GE
EAN: 4058352583678

LP-Nummer
58290_30



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 3150 lm Systemleistung = 22.7 W Lichtausbeute = 138.8 lm/W

Seriendokumentation
09.09.2021

siteco

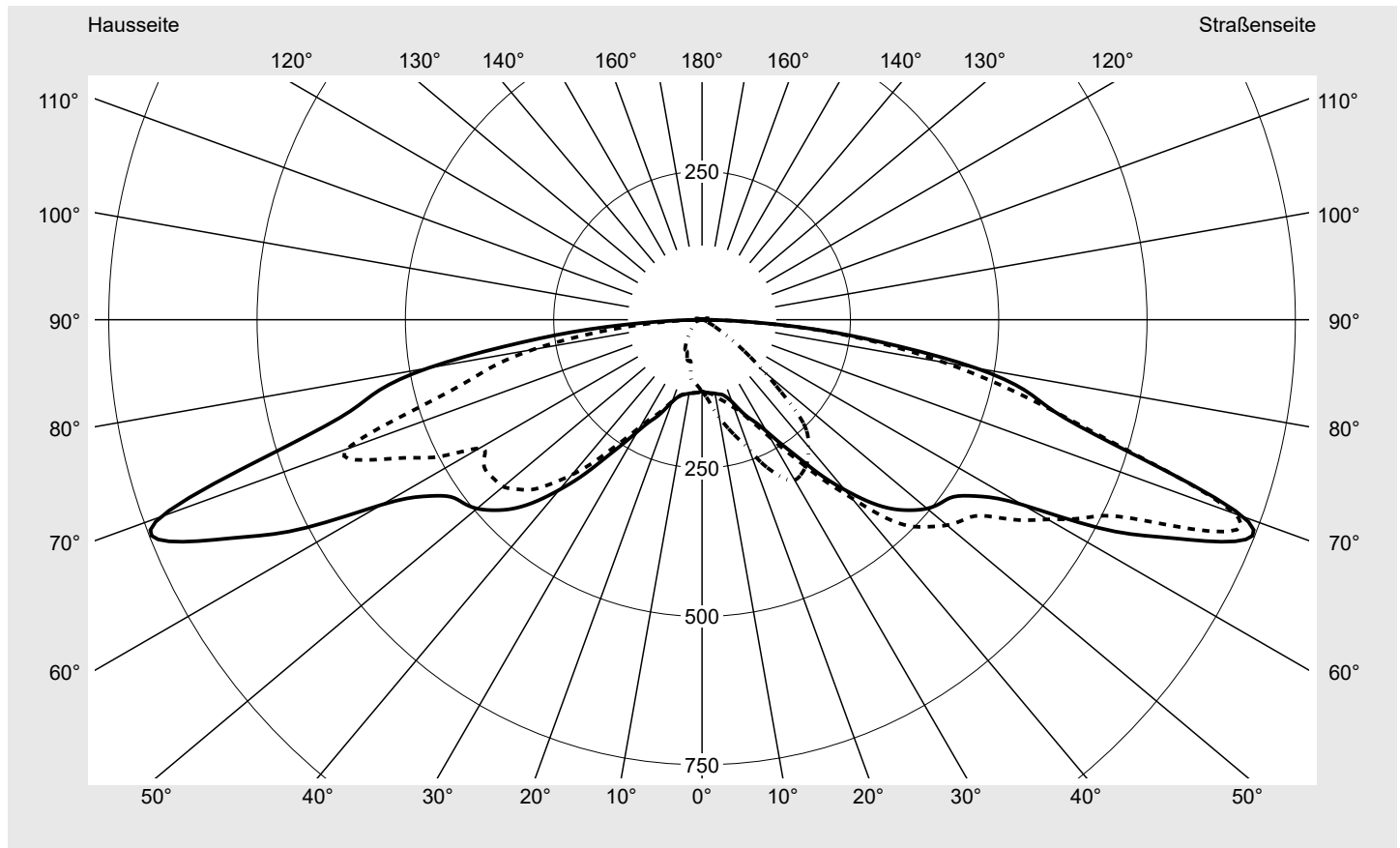
Lichtstärke in cd/klm

C180-0

C185-5

C270-90

Imax: 975 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	970.0
Imax 80°	468.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

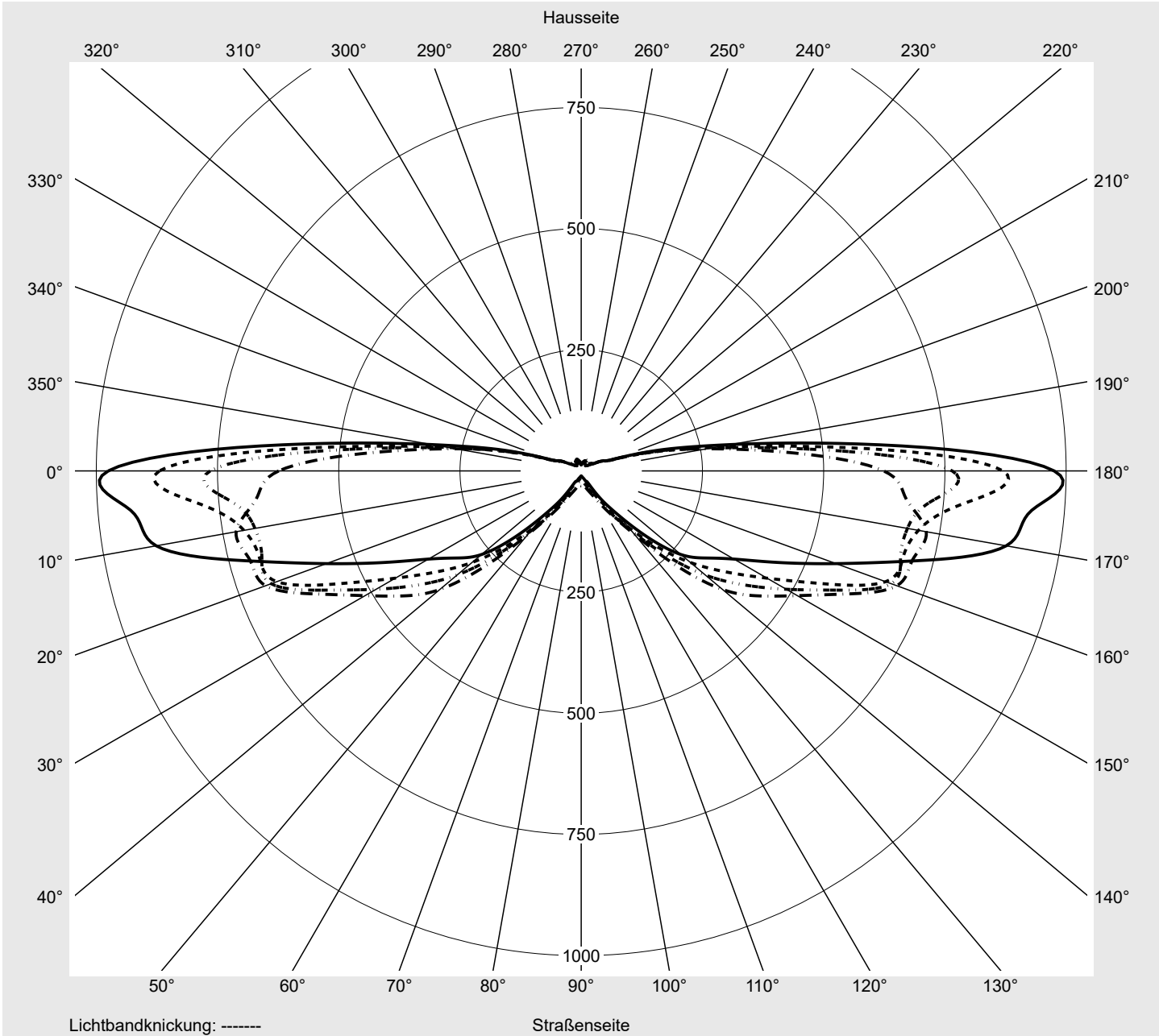
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°** **siteco**



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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2C41E08GE EAN: 4058352583678	LP-Nummer 58290_30
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°	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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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°	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	Maximale Lichtstärke	siteco
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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°	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.: 5XC2C41E08GE EAN: 4058352583678	LP-Nummer 58290_30
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	3150	22.7	23.4	23.0
95	241	252	2989	21.6	22.2	21.9
90	229	250	2840	20.5	21.0	20.8
85	216	248	2679	19.3	19.9	19.6
80	203	246	2518	18.2	18.7	18.4
75	190	243	2356	17.0	17.5	17.2
70	178	241	2207	15.9	16.4	16.2
65	165	238	2046	14.9	15.2	15.0
60	152	235	1885	13.7	14.1	13.9
55	140	232	1736	12.7	13.0	12.8
50	127	229	1575	11.6	11.9	11.8
45	114	225	1414	10.5	10.8	10.6
40	102	221	1265	9.5	9.8	9.6
35	89	216	1104	8.4	8.6	8.5
30	76	210	943	7.4	7.5	7.4
25	63	203	781	6.4	6.5	6.4
20	51	195	632	5.4	5.5	5.4
18	45	191	558	5.0	5.0	5.0