

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2C41E08HE
EAN: 4058352583708

LP-Nummer
58290_342



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 = 7490 lm
 Systemleistung = 48.9 W
 Lichtausbeute = 153.2 lm/W

Seriendokumentation
17.06.2024

siteco

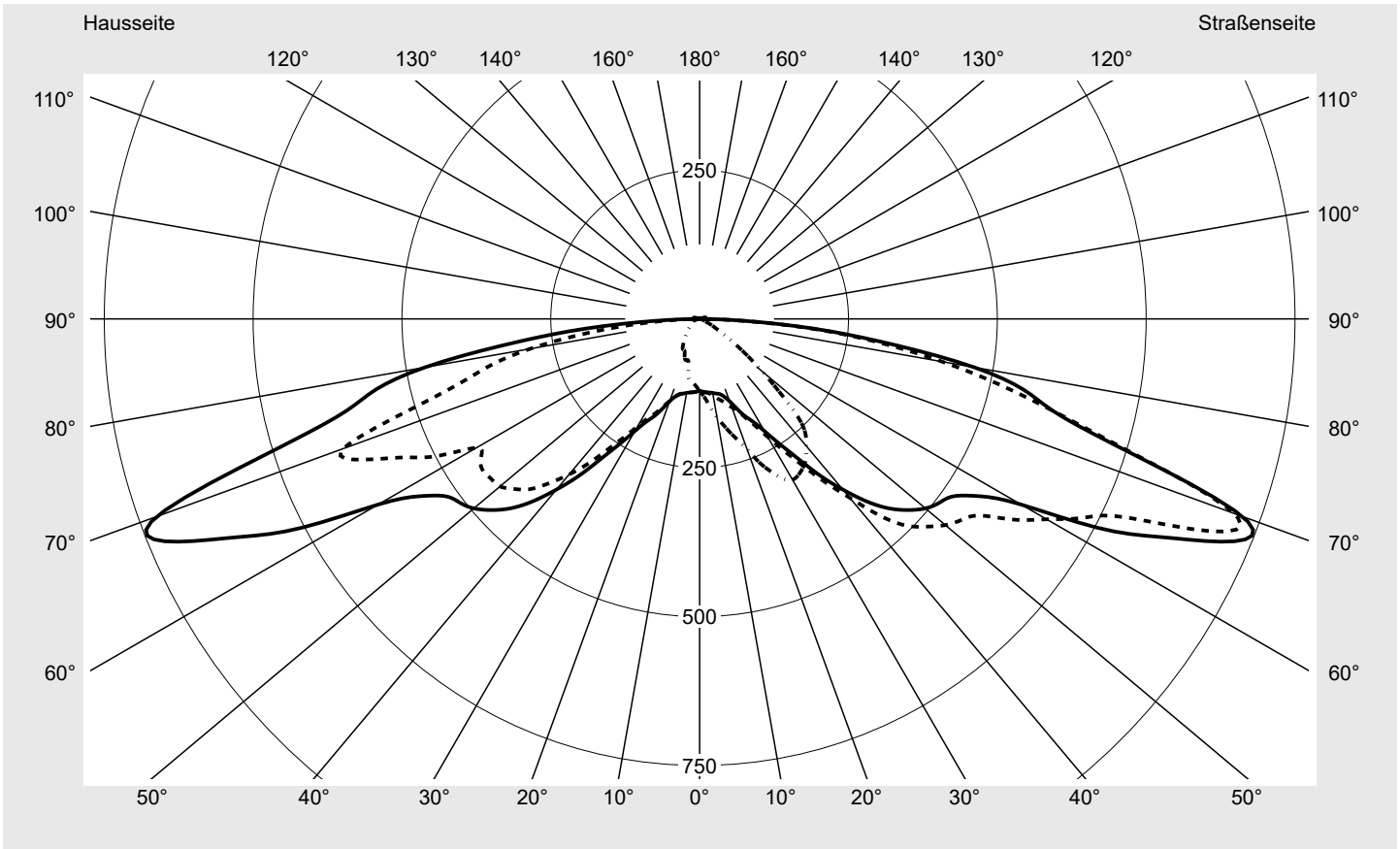
Lichtstärke in cd/klm

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

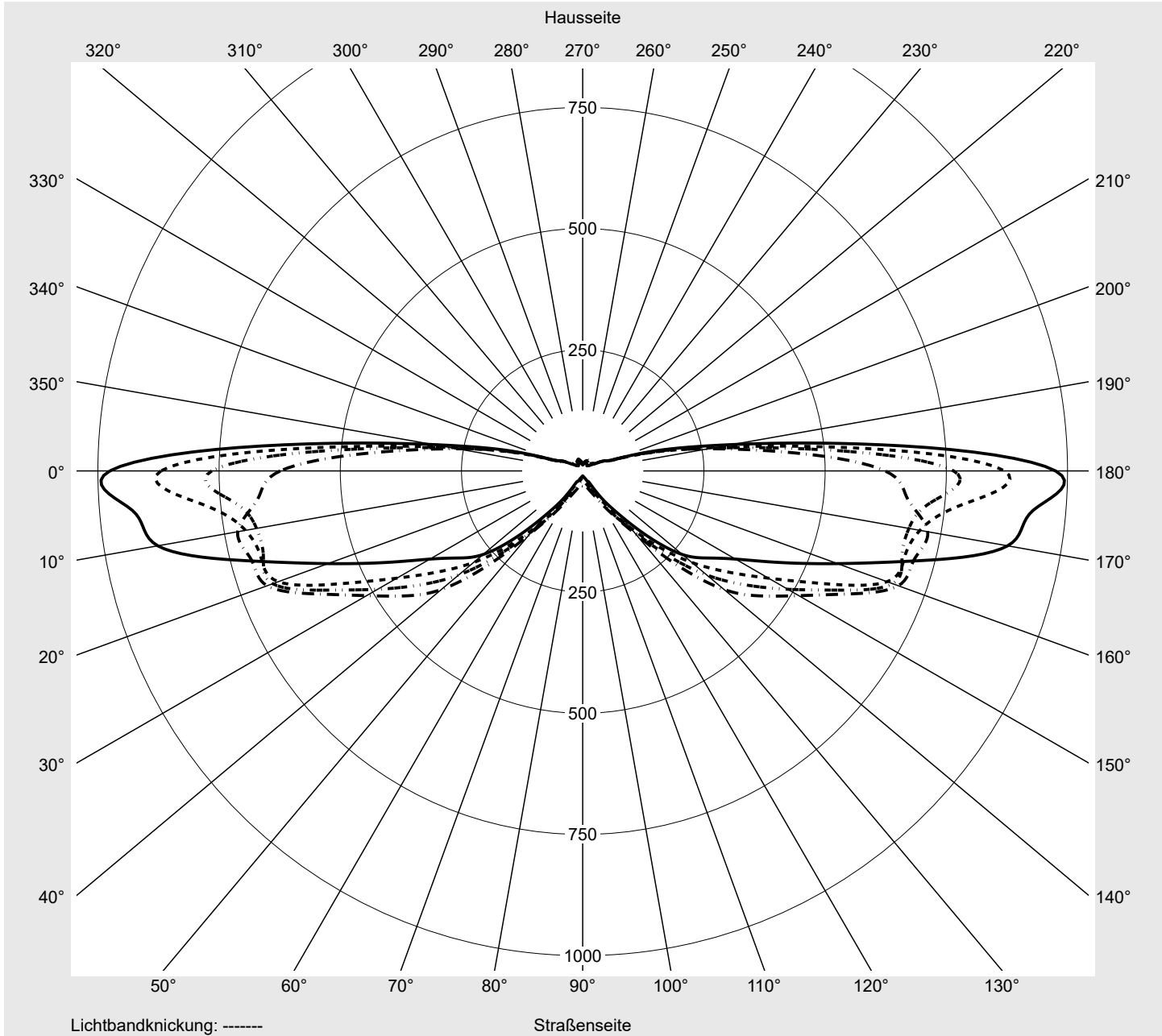
Messbedingungen

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.: 5XC2C41E08HE EAN: 4058352583708	LP-Nummer 58290_342
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.: 5XC2C41E08HE EAN: 4058352583708	LP-Nummer 58290_342
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	7490	48.9	50.7	49.8
95	241	252	7107	46.1	47.8	47.0
90	229	250	6753	43.6	45.2	44.4
85	216	248	6369	40.9	42.4	41.6
80	203	246	5986	38.3	39.7	39.0
75	190	243	5603	35.7	36.9	36.3
70	178	241	5249	33.3	34.5	33.9
65	165	238	4866	30.8	31.9	31.4
60	152	235	4482	28.3	29.3	28.8
55	140	232	4128	26.0	26.9	26.4
50	127	229	3745	23.7	24.4	24.0
45	114	225	3362	21.3	22.0	21.6
40	102	221	3008	19.1	19.8	19.5
35	89	216	2624	16.8	17.3	17.0
30	76	210	2241	14.5	15.0	14.8
25	63	203	1858	12.3	12.7	12.5
20	51	195	1504	10.3	10.6	10.4
16	41	187	1209	8.6	8.8	8.7