

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2G51E08GE
EAN: 4058352583890

LP-Nummer
58294_409



Ausführung Mastansatz- / Mastaufsatzmontage
Optik direkt, asymmetrisch breit strahlend
 S120007
Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 3480 lm
 Systemleistung = 22.2 W
 Lichtausbeute = 156.7 lm/W

Seriendokumentation
17.06.2024

siteco

Lichtstärke in cd/klm

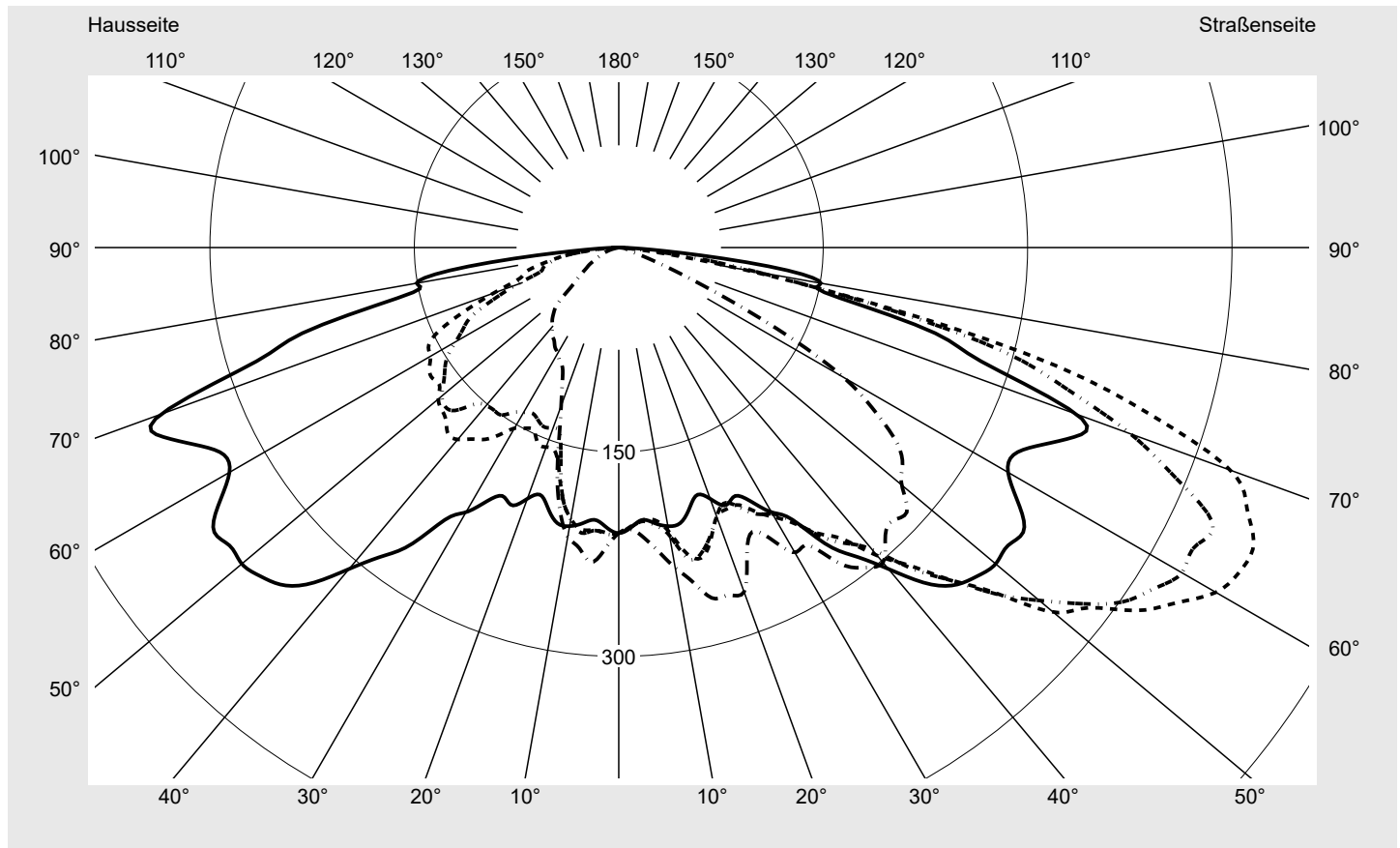
C180-0

C205-25

C210-30

C270-90

Imax: 514 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G1
 Imax 70° 477.9
 Imax 80° 150.6
 Imax 90° 0.0
 Imax >90° 0.0
 Imax >95° 0.0

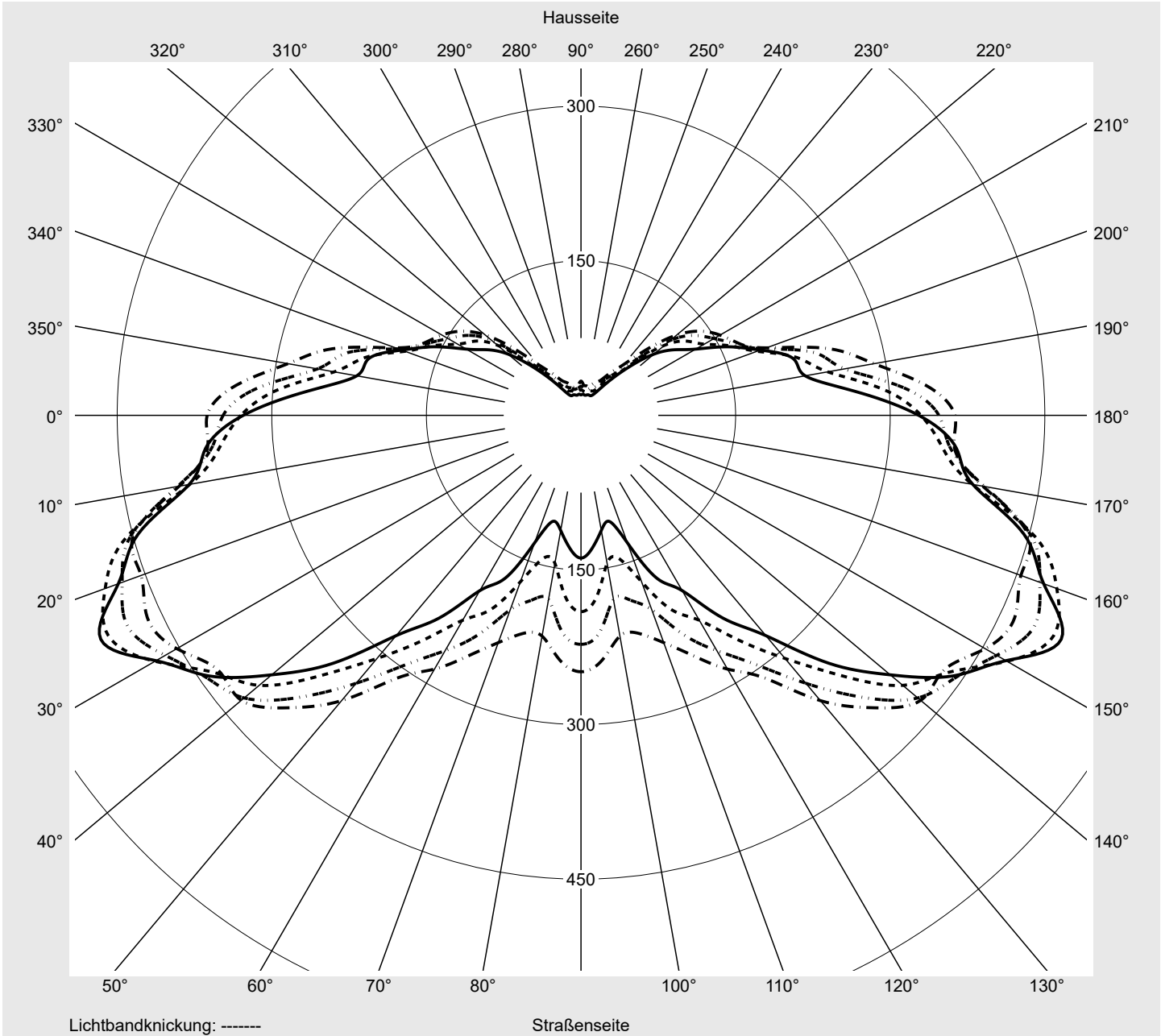
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 62,5°** **KMK 60°** **KMK 57,5°** **KMK 55°** **siteco**



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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2G51E08GE EAN: 4058352583890	LP-Nummer 58294_409
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°	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6
2,5°	205.6	205.7	205.1	204.9	205.0	204.7	205.4	206.0	205.3	204.4	203.8	203.2	203.2
5,0°	200.6	200.0	200.2	201.0	201.0	200.8	201.6	203.7	204.4	207.0	208.6	208.8	209.5
7,5°	204.1	204.0	201.6	200.1	200.5	201.7	205.6	211.5	213.9	215.7	216.6	218.7	220.9
10,0°	207.6	209.2	209.7	209.8	209.4	211.5	214.5	217.2	219.6	222.1	226.6	230.1	232.8
12,5°	207.3	213.8	219.7	222.4	226.4	229.8	233.4	232.9	229.9	232.2	233.3	236.0	235.0
15,0°	199.0	200.3	211.5	229.6	237.5	235.5	232.7	228.6	224.1	226.5	229.3	229.9	235.7
17,5°	190.4	197.3	210.2	222.7	225.6	224.7	222.5	217.1	223.5	219.7	214.6	212.5	217.6
20,0°	196.1	203.0	207.3	214.6	213.8	210.1	210.1	216.7	224.8	216.2	208.8	208.6	214.3
22,5°	204.7	210.2	206.9	215.4	212.0	207.6	202.9	210.8	212.9	212.7	211.4	211.9	212.6
25,0°	201.2	207.7	211.1	218.3	214.4	208.4	210.5	217.3	217.4	220.3	221.0	220.3	222.0
27,5°	210.0	215.2	216.1	218.3	219.0	218.7	220.5	224.0	230.0	232.2	238.2	239.3	248.8
30,0°	224.2	230.6	232.5	231.7	231.8	228.4	225.6	229.7	241.6	250.9	258.1	265.1	275.3
32,5°	236.4	239.9	242.1	243.2	242.8	240.1	238.5	242.0	259.4	270.0	276.8	284.1	289.7
35,0°	266.1	266.9	261.8	256.5	252.6	256.3	258.8	263.1	271.7	283.6	290.8	306.4	310.7
37,5°	285.6	282.4	281.9	272.6	261.9	269.5	273.5	280.9	289.8	295.2	309.0	335.0	331.2
40,0°	307.8	307.6	298.3	291.3	284.3	295.0	289.2	296.4	304.1	319.2	325.8	343.3	347.7
42,5°	334.2	326.4	325.3	318.4	314.5	316.6	320.2	318.3	317.8	333.8	340.8	351.7	353.4
45,0°	349.9	346.2	344.7	343.7	341.8	345.2	345.6	339.4	342.9	358.9	350.5	347.1	349.5
47,5°	356.8	353.9	367.5	388.9	362.0	375.2	376.5	367.6	369.2	367.0	359.1	339.7	345.5
50,0°	361.1	368.7	382.5	428.7	381.0	416.2	402.8	390.6	393.2	377.3	353.6	334.3	323.6
52,5°	359.6	357.8	391.5	430.5	422.3	434.1	429.4	415.4	416.5	391.3	357.8	320.9	299.8
55,0°	362.7	363.8	395.8	449.4	454.2	464.3	452.8	430.3	430.2	401.3	361.3	311.3	284.3
57,5°	347.2	359.5	397.5	452.4	473.7	485.1	465.8	443.6	426.6	387.0	339.4	294.9	263.7
60,0°	329.9	351.7	385.3	456.5	491.3	506.0	477.3	434.9	407.6	357.1	307.9	266.0	229.6
62,5°	327.7	365.6	386.0	444.8	477.7	514.1	476.0	440.8	391.7	340.2	279.0	240.2	196.4
65,0°	342.5	392.5	389.2	425.5	456.9	514.1	481.3	416.2	364.1	317.6	257.1	222.8	161.8
67,5°	362.5	436.1	382.5	401.8	447.8	498.9	442.9	393.8	331.6	288.5	228.0	195.2	143.3
70,0°	357.4	420.3	359.9	368.3	453.9	477.9	399.8	347.8	309.6	257.3	197.9	158.9	124.3
72,5°	280.3	372.1	312.1	330.4	401.3	410.8	344.5	287.0	267.7	217.5	167.3	129.5	110.8
75,0°	237.1	318.5	240.6	282.1	301.1	327.3	288.7	220.4	187.0	164.0	134.5	116.5	98.1
77,5°	158.0	221.9	166.9	207.0	172.4	196.4	186.9	147.0	122.7	116.0	90.3	82.7	70.0
80,0°	150.6	123.0	102.1	123.8	86.4	93.9	102.8	105.1	85.9	78.7	44.1	38.5	30.3
82,5°	120.2	63.8	40.9	40.4	26.6	34.2	53.9	70.5	52.4	35.3	21.3	16.9	11.9
85,0°	49.4	23.6	13.4	9.2	7.5	9.3	11.5	16.7	14.6	10.6	10.4	8.0	6.3
87,5°	11.8	8.1	5.5	4.8	4.2	4.6	4.8	5.1	5.3	4.8	4.2	4.0	3.5
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°	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6
2,5°	203.1	203.0	204.6	205.3	206.0	206.9	205.5	206.6	207.7	208.7	209.5	210.3	210.8
5,0°	209.5	210.0	210.5	212.3	214.2	213.9	201.5	202.7	202.5	204.3	208.1	208.4	207.5
7,5°	222.3	225.1	226.3	226.7	226.6	225.1	204.0	203.4	204.4	205.7	208.7	211.2	210.9
10,0°	232.0	231.2	232.4	233.6	235.5	238.6	202.7	201.4	201.3	202.7	202.3	202.6	205.2
12,5°	238.9	241.7	245.2	248.7	252.4	251.4	199.3	198.0	192.9	190.6	189.2	189.1	189.2
15,0°	236.9	243.3	249.4	258.1	262.3	266.4	194.4	191.9	184.6	178.8	169.3	164.2	160.6
17,5°	229.2	238.9	247.9	257.1	263.7	267.5	189.4	185.9	180.3	171.1	156.3	143.4	139.0
20,0°	221.0	231.2	243.0	255.2	265.6	268.8	191.0	182.0	174.2	167.5	155.8	140.7	134.8
22,5°	221.6	232.4	245.3	250.3	249.5	245.8	191.4	178.6	167.4	160.1	155.3	142.5	129.7
25,0°	228.0	237.5	241.9	238.9	237.8	230.6	192.1	174.4	168.7	155.9	147.8	139.9	126.5
27,5°	249.4	250.2	249.0	248.4	241.2	240.7	196.6	184.1	170.0	160.9	149.5	137.1	126.3
30,0°	274.3	269.2	254.3	256.1	254.8	258.3	216.4	204.4	186.6	170.7	153.1	139.5	127.1
32,5°	284.4	271.3	265.0	270.9	265.3	259.0	230.9	220.2	200.6	179.6	162.9	143.3	130.1
35,0°	305.2	293.7	290.6	292.2	285.6	283.0	265.8	250.6	220.5	193.1	171.9	150.0	132.3
37,5°	319.7	309.7	294.0	286.7	287.8	296.0	285.3	272.2	235.5	205.4	177.1	150.4	133.1
40,0°	337.7	321.9	291.1	275.9	284.7	301.7	313.3	292.7	247.2	217.3	183.8	151.3	139.1
42,5°	348.9	316.1	291.3	275.9	286.3	289.4	326.8	308.0	255.6	226.7	185.4	155.6	143.3
45,0°	352.6	315.7	285.9	274.4	284.0	283.7	347.3	328.5	269.4	236.2	179.4	168.9	149.4
47,5°	346.6	306.7	270.7	272.1	287.2	286.8	361.2	325.8	276.9	229.4	176.2	172.7	157.7
50,0°	323.6	284.0	254.7	255.4	280.5	271.1	358.8	318.5	269.0	216.6	172.8	169.4	157.1
52,5°	288.6	264.3	237.6	247.2	255.4	262.4	346.6	305.4	258.6	200.4	165.8	161.9	149.4
55,0°	257.2	234.7	219.2	217.5	238.2	248.8	335.7	288.7	249.7	191.5	167.0	155.8	142.3
57,5°	234.4	200.7	185.7	181.4	210.8	222.2	313.1	259.6	234.8	188.7	164.8	149.0	135.2
60,0°	208.2	171.9	144.2	145.7	176.3	190.5	293.5	243.1	216.8	181.7	159.6	138.1	125.5
62,5°	174.5	131.7	106.6	113.4	128.8	138.5	266.9	220.9	213.1	185.2	157.4	128.5	111.0
65,0°	137.2	94.0	76.8	79.0	87.3	81.9	252.2	222.4	206.5	180.2	146.4	119.0	100.4
67,5°	107.2	66.9	52.5	43.4	43.5	43.9	242.0	221.7	206.9	161.7	123.0	99.6	85.2
70,0°	90.4	52.1	32.8	21.8	21.0	21.8	214.0	256.9	208.7	129.3	97.7	80.3	74.0
72,5°	76.2	30.7	18.8	12.2	11.0	10.5	204.4	243.7	153.8	99.0	76.8	61.5	58.7
75,0°	60.2	19.9	12.8	9.5	8.5	8.3	180.0	179.3	126.0	89.8	71.5	57.5	49.9
77,5°	25.1	13.9	9.2	7.5	7.0	6.6	142.6	126.0	117.7	76.6	60.8	52.4	41.5
80,0°	13.4	9.4	6.7	5.7	5.4	5.4	107.1	124.7	99.0	59.9	47.4	45.6	27.2
82,5°	8.6	6.4	4.8	4.1	4.1	4.3	61.7	98.1	69.3	43.9	35.9	33.0	21.7
85,0°	5.2	4.0	3.0	2.6	2.2	2.2	35.4	45.5	27.0	19.3	18.2	15.9	11.8
87,5°	2.9	2.2	1.6	1.3	1.0	1.0	11.6	11.8	8.3	5.6	5.7	5.8	3.8
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°	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	0.3	0.3
2,5°	212.0	213.1	214.4	216.5	219.1	220.0	220.3	220.4	221.1	221.3	220.8	2.5	2.8
5,0°	207.3	208.6	210.0	212.4	215.2	220.1	224.3	228.1	230.5	232.3	231.7	5.0	7.8
7,5°	207.1	207.6	207.9	208.0	210.6	214.3	217.8	219.4	220.6	222.9	222.3	7.6	15.4
10,0°	201.9	197.4	196.1	197.8	200.7	203.1	205.8	209.1	213.9	215.2	215.6	10.1	25.6
12,5°	188.7	186.8	187.2	188.9	189.0	192.0	194.9	202.2	202.9	199.9	198.5	12.7	38.2
15,0°	163.2	166.1	166.8	168.0	167.6	169.0	171.8	175.5	177.6	177.5	174.3	14.5	52.7
17,5°	142.4	145.3	148.6	146.6	142.2	141.3	142.5	140.5	139.6	141.9	145.2	15.7	68.4
20,0°	132.1	133.9	136.1	131.7	126.2	120.3	118.7	117.2	119.3	123.0	123.6	17.1	85.4
22,5°	121.6	123.3	127.5	122.6	117.2	111.3	108.1	104.4	104.1	105.1	108.4	18.6	104.0
25,0°	116.4	116.4	122.3	114.9	111.8	108.8	104.8	99.9	98.0	96.3	97.5	20.4	124.4
27,5°	113.5	110.4	106.0	104.2	104.7	100.3	99.3	95.7	92.3	93.2	93.9	22.8	147.2
30,0°	118.2	110.9	106.7	103.5	94.1	91.0	88.4	87.2	88.7	89.6	89.4	25.8	173.0
32,5°	121.5	114.0	109.5	100.2	88.8	83.6	80.0	80.0	84.3	86.3	87.0	28.8	201.9
35,0°	128.0	116.1	107.5	90.6	81.0	75.6	72.2	73.3	78.1	83.0	82.8	32.7	234.6
37,5°	127.5	116.2	104.9	90.3	73.2	71.2	67.5	68.7	74.1	79.7	80.7	36.1	270.7
40,0°	131.4	114.2	99.6	87.6	68.0	64.4	63.9	66.0	70.0	75.2	75.7	39.6	310.3
42,5°	134.7	114.2	96.0	77.4	69.2	62.4	60.4	61.5	65.2	69.3	72.3	43.1	353.4
45,0°	137.7	114.0	90.2	69.6	65.6	62.2	54.8	55.1	57.7	63.4	67.4	46.5	400.0
47,5°	135.7	108.6	82.1	66.4	62.0	58.8	49.4	45.7	48.7	56.3	60.7	49.4	449.4
50,0°	128.4	106.2	77.5	63.1	56.8	52.0	46.1	38.7	40.5	45.7	47.2	51.3	500.6
52,5°	126.2	101.8	73.6	57.3	47.5	43.0	38.5	34.1	34.3	36.5	39.1	52.3	552.9
55,0°	121.3	90.9	64.3	50.8	40.1	35.5	32.1	28.8	29.1	29.6	33.2	53.2	606.0
57,5°	113.2	77.9	54.8	44.2	35.4	30.0	28.4	26.1	26.1	26.7	28.2	52.6	658.6
60,0°	105.8	72.5	47.5	38.0	29.4	26.0	25.2	23.4	23.3	23.8	24.7	51.0	709.6
62,5°	92.5	67.2	45.6	30.4	23.1	21.1	21.2	20.4	20.0	20.6	19.9	49.0	758.6
65,0°	79.4	59.7	44.2	23.4	17.5	17.2	17.8	16.9	17.4	17.0	16.6	46.9	805.5
67,5°	69.4	52.0	33.4	16.8	12.4	12.9	14.2	13.4	14.0	14.0	13.3	44.2	849.8
70,0°	61.2	45.1	26.0	12.9	9.9	9.5	10.2	10.0	10.9	11.8	11.2	41.0	890.8
72,5°	54.5	37.0	17.5	9.7	7.6	7.4	7.3	7.4	7.9	9.1	8.6	35.2	926.1
75,0°	37.2	22.5	10.7	7.7	6.2	6.0	5.5	5.7	5.5	6.1	6.1	28.7	954.8
77,5°	24.6	13.7	8.0	6.1	4.8	4.3	4.0	3.9	3.0	2.8	2.6	20.1	974.8
80,0°	17.5	8.2	5.8	4.7	3.7	3.1	2.8	2.2	1.3	0.9	0.7	13.3	988.1
82,5°	13.4	6.6	4.4	3.5	2.9	2.2	1.8	1.6	0.9	0.4	0.5	7.7	995.8
85,0°	6.1	3.6	3.0	2.3	2.0	1.6	1.0	0.8	0.6	0.3	0.3	3.1	998.9
87,5°	2.8	2.2	1.6	1.3	1.1	0.9	0.7	0.6	0.4	0.3	0.3	1.1	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.: 5XC2G51E08GE EAN: 4058352583890	LP-Nummer 58294_409
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	3480	22.2	22.7	22.4
95	241	252	3302	21.0	21.6	21.3
90	229	250	3137	20.0	20.5	20.2
85	216	248	2959	18.9	19.3	19.1
80	203	246	2781	17.7	18.2	18.0
75	190	243	2603	16.7	17.0	16.8
70	178	241	2439	15.6	15.9	15.8
65	165	238	2261	14.5	14.9	14.7
60	152	235	2083	13.4	13.7	13.6
55	140	232	1918	12.4	12.7	12.6
50	127	229	1740	11.3	11.6	11.4
45	114	225	1562	10.3	10.5	10.4
40	102	221	1397	9.3	9.5	9.4
35	89	216	1219	8.2	8.4	8.3
30	76	210	1041	7.2	7.4	7.3
25	63	203	863	6.2	6.3	6.2
20	51	195	699	5.3	5.4	5.4
18	46	191	630	4.9	5.0	5.0