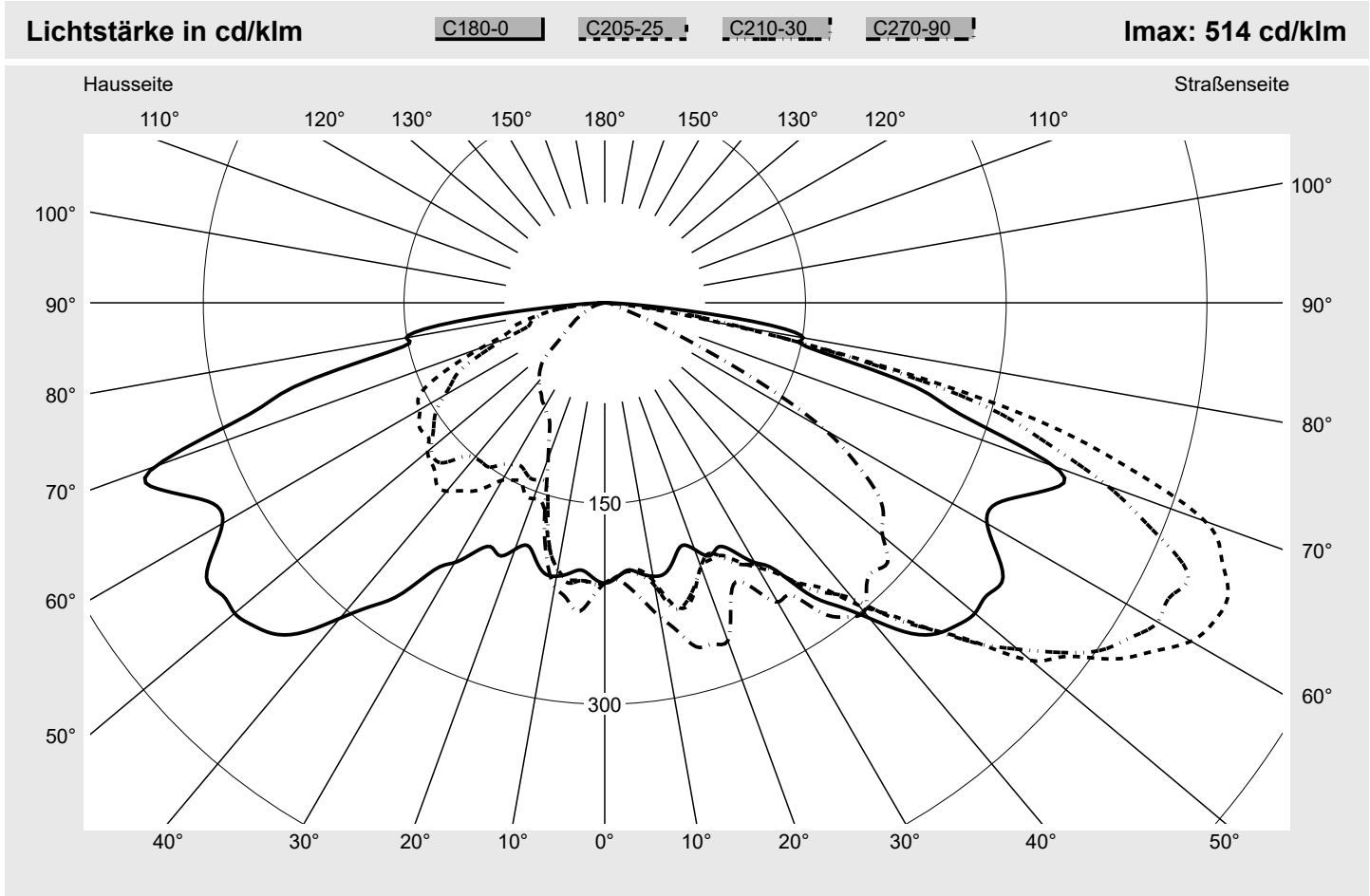


Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2G51F08GE EAN: 4058352558270	LP-Nummer 58294_410
	Ausführung Mastansatz- / Mastaufsatzmontage Optik asymmetrisch, breit strahlend mit zusätzlichem Lichtanteil für rückwärtige Wege (ST1.2P1.0) 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







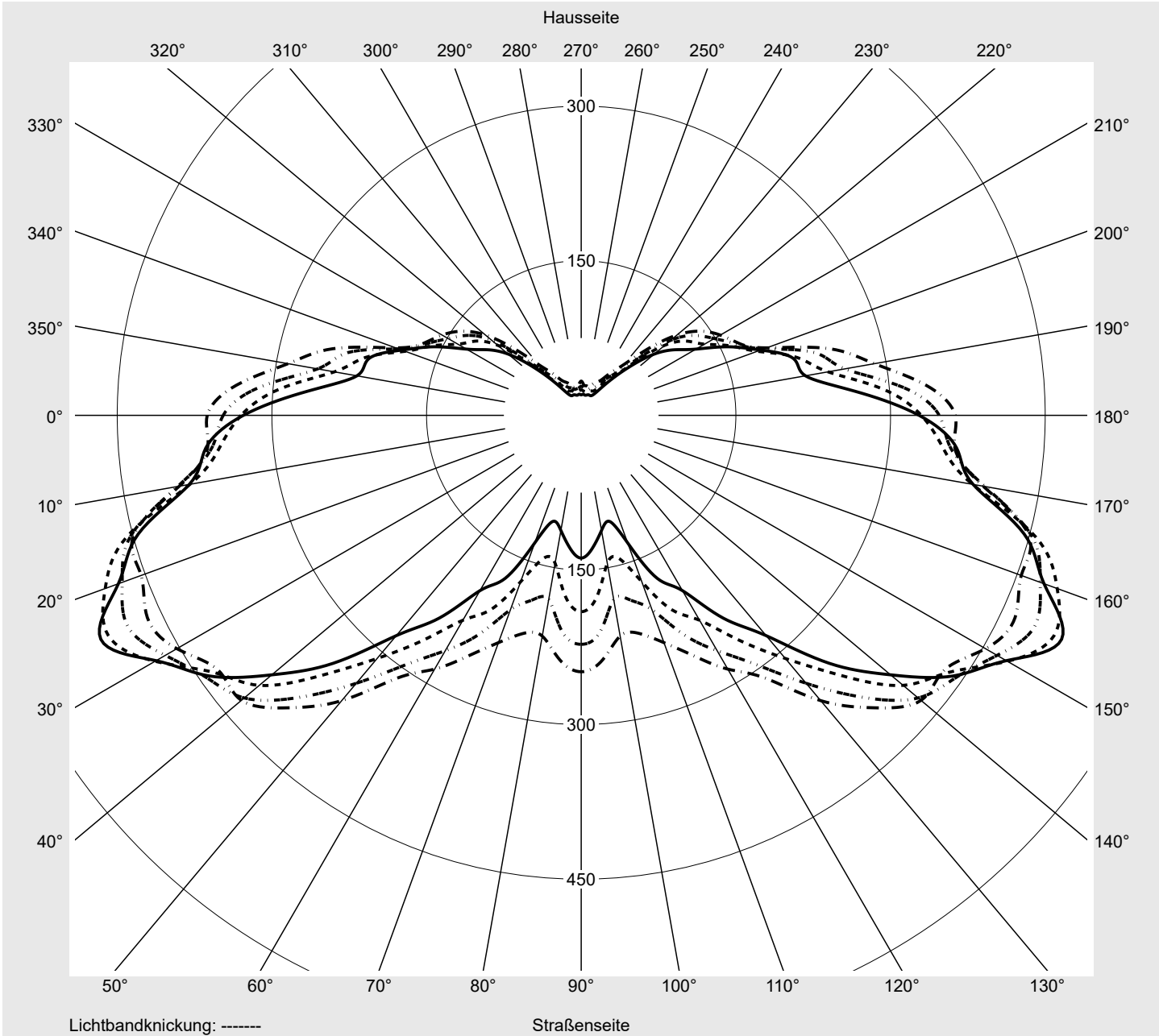
Leuchtenbetriebswirkungsgrade	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Messbedingungen	
DIN EN 13032 und DIN 5032	

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

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2G51F08GE EAN: 4058352558270	LP-Nummer 58294_410
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Kegelmantelkurven in cd/klm **KMK 62,5°** **KMK 60°** **KMK 57,5°** **KMK 55°** **siteco**



Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2G51F08GE EAN: 4058352558270	LP-Nummer 58294_410
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

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2G51F08GE EAN: 4058352558270	LP-Nummer 58294_410
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

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2G51F08GE EAN: 4058352558270	LP-Nummer 58294_410
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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	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.: 5XC2G51F08GE EAN: 4058352558270	LP-Nummer 58294_410
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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	siteco
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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