

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2J51F08GE
EAN: 4058352991312

LP-Nummer
59599_6



Ausführung Mastansatz- / Mastaufsatzmontage
Optik asymmetrisch, extrem breit strahlend mit zusätzlichem rückwärtigen Lichtanteil (ST1.0ST0.5)
Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 3480 lm
Systemleistung = 22.7 W
Lichtausbeute = 153.3 lm/W

Seriendokumentation
23.05.2024

siteco

Lichtstärke in cd/klm

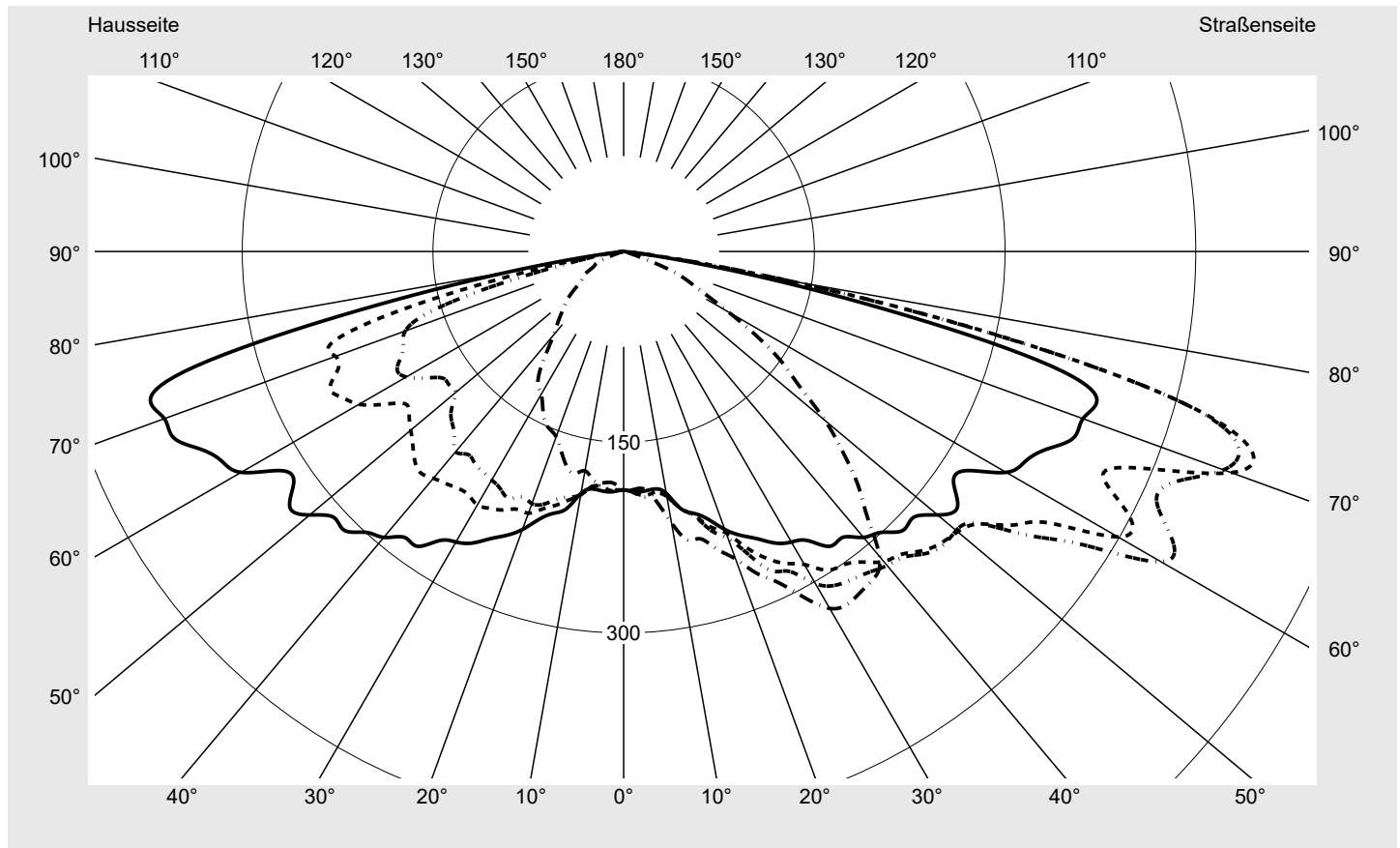
C180-0

C190-10

C195-15

C270-90

Imax: 517 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	508.6
Imax 80°	129.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

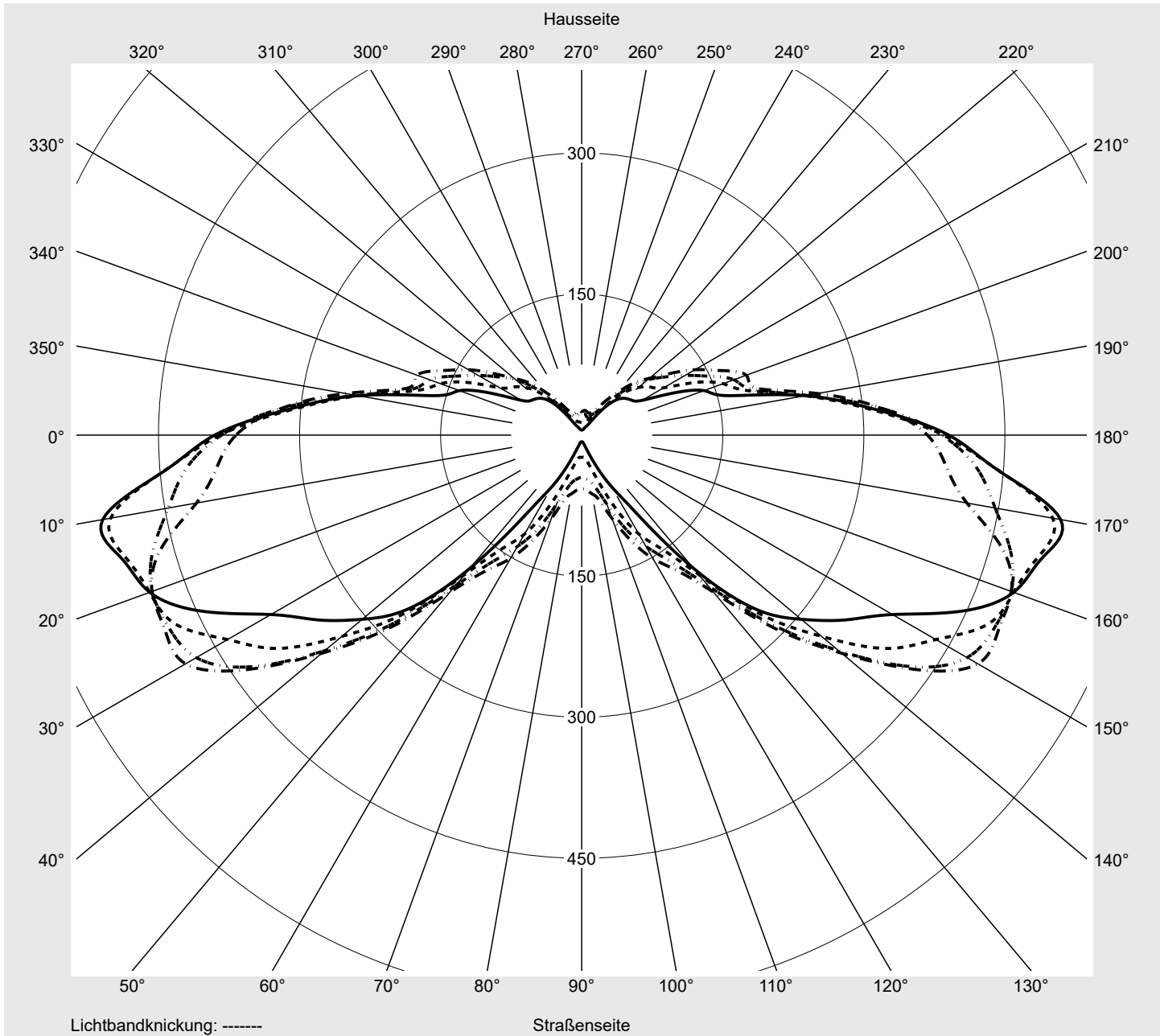
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51F08GE EAN: 4058352991312	LP-Nummer 59599_6
---	---	-----------------------------

Kegelmantelkurven in cd/klm **KMK 72,5°** **KMK 70°** **KMK 67,5°** **KMK 65°** **siteco**



Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51F08GE EAN: 4058352991312	LP-Nummer 59599_6
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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6
2,5°	189.1	189.4	189.7	190.1	190.6	191.4	191.4	191.4	191.2	190.9	190.8	190.8	189.9
5,0°	189.1	190.9	192.7	193.8	194.6	195.1	196.0	196.0	196.2	196.1	195.3	193.9	192.8
7,5°	188.4	189.1	190.9	192.0	194.2	196.1	198.2	199.3	198.6	197.2	196.0	195.1	195.6
10,0°	193.1	192.8	194.5	195.7	197.5	199.0	200.7	202.6	203.2	204.5	205.9	206.4	207.3
12,5°	207.1	207.4	206.8	207.0	205.9	204.9	207.6	210.5	213.4	215.9	219.6	221.3	221.0
15,0°	213.2	213.9	215.1	215.3	215.4	216.8	218.3	219.3	221.4	225.0	230.3	233.5	234.7
17,5°	220.8	224.4	227.0	230.5	232.0	233.3	233.1	232.6	231.8	228.7	228.6	234.0	239.3
20,0°	232.7	235.4	235.6	240.2	246.3	248.1	251.0	253.1	250.8	248.0	243.6	243.0	247.2
22,5°	241.8	247.8	251.9	258.6	265.4	268.3	270.2	273.5	273.0	264.4	258.2	259.1	261.4
25,0°	249.4	257.8	266.3	277.3	286.2	290.8	292.6	292.4	289.3	277.1	271.6	273.5	274.2
27,5°	258.6	266.8	276.6	283.8	292.5	300.8	307.3	304.9	298.9	289.9	285.1	281.1	285.8
30,0°	263.8	274.9	284.3	301.7	306.4	311.5	316.4	315.8	311.5	304.2	298.8	295.6	299.7
32,5°	269.6	282.6	297.2	311.1	315.1	325.5	329.9	326.4	325.7	322.3	315.2	311.0	314.7
35,0°	283.0	289.9	301.0	314.5	321.6	329.2	324.5	326.1	326.3	323.5	321.5	317.6	319.1
37,5°	283.4	295.2	307.9	317.8	322.2	328.6	331.2	331.2	328.9	322.7	321.3	313.9	314.8
40,0°	293.5	307.9	318.4	322.3	325.9	332.8	335.7	330.0	329.4	320.2	313.8	310.8	307.8
42,5°	299.7	306.0	323.2	326.0	334.2	341.9	344.5	337.5	327.4	320.8	316.4	311.8	304.4
45,0°	310.4	313.5	332.7	335.9	335.6	345.9	346.1	341.0	334.2	328.8	313.5	298.6	291.8
47,5°	309.4	320.3	339.1	341.3	346.5	357.8	355.3	341.7	336.1	332.7	308.7	279.5	276.5
50,0°	322.4	339.4	343.0	341.5	341.7	354.3	359.8	353.8	335.4	319.9	297.5	273.2	254.5
52,5°	330.8	344.2	352.1	351.2	348.1	359.1	364.3	343.3	324.0	303.4	275.7	247.5	227.2
55,0°	316.8	346.8	375.0	389.5	383.4	376.6	380.4	360.5	332.6	291.1	245.8	224.1	204.6
57,5°	320.7	355.6	397.6	429.8	426.5	416.9	401.5	378.0	334.6	280.5	235.8	208.0	191.6
60,0°	347.4	395.1	448.9	488.1	481.1	459.2	428.0	390.9	339.9	275.8	235.1	206.7	182.0
62,5°	356.6	405.1	447.5	485.3	498.4	483.6	459.4	419.2	348.6	287.8	229.7	195.1	165.7
65,0°	367.6	389.3	415.9	462.5	486.1	489.2	486.4	434.7	360.9	290.9	218.0	175.5	151.5
67,5°	383.1	423.0	446.4	471.8	486.1	484.4	473.2	429.4	356.5	283.3	208.9	163.8	136.7
70,0°	384.5	447.0	508.6	502.2	488.9	476.2	434.8	395.5	332.9	269.7	193.5	147.4	121.4
72,5°	390.3	446.6	517.1	506.5	488.8	443.6	381.6	342.6	304.7	261.8	184.8	101.2	63.2
75,0°	348.3	408.5	449.2	449.2	425.3	358.9	292.4	272.0	244.8	171.5	82.2	30.3	13.1
77,5°	212.3	272.5	293.1	290.5	265.5	234.8	198.2	156.8	93.2	36.0	12.3	5.4	4.9
80,0°	88.8	115.3	129.6	128.3	113.9	98.6	71.2	32.4	10.0	5.0	4.8	4.4	4.0
82,5°	18.0	22.3	25.1	28.5	29.7	20.8	8.6	2.9	3.0	3.1	3.2	3.2	3.0
85,0°	1.5	1.4	1.3	1.3	1.3	1.2	1.0	1.0	1.0	1.0	1.2	1.5	1.6
87,5°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
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

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51F08GE EAN: 4058352991312	LP-Nummer 59599_6
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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6
2,5°	189.2	188.2	188.3	188.0	187.9	187.3	188.7	188.5	187.5	186.7	186.8	185.8	185.5
5,0°	191.5	190.3	188.9	187.9	188.1	187.7	188.3	186.6	185.7	185.6	184.8	184.5	184.2
7,5°	196.3	196.3	197.0	197.6	197.9	198.3	187.4	186.2	186.0	185.8	185.3	185.1	184.1
10,0°	208.2	209.6	212.5	214.2	216.3	216.7	193.6	194.4	194.1	193.0	190.7	188.8	186.7
12,5°	221.3	222.9	223.4	227.2	230.8	232.3	204.2	200.3	197.9	195.0	193.3	191.6	190.1
15,0°	236.0	235.5	235.7	236.1	234.6	234.0	211.2	206.7	201.6	197.6	194.8	191.1	187.8
17,5°	242.2	243.1	245.4	246.3	246.0	245.8	217.2	212.3	208.3	202.7	195.6	190.9	187.1
20,0°	252.1	256.1	259.5	258.7	255.8	257.3	226.2	219.0	211.0	203.1	196.5	191.2	186.5
22,5°	266.1	271.5	276.3	276.2	275.1	274.1	229.2	219.4	209.0	200.7	195.1	188.5	181.6
25,0°	280.3	283.3	286.0	287.6	287.1	287.2	235.2	224.3	214.1	200.3	190.1	181.8	176.5
27,5°	290.3	294.9	299.3	304.4	309.3	306.4	243.4	227.7	210.3	195.1	186.9	177.4	168.2
30,0°	301.5	305.0	313.5	320.4	325.3	324.1	247.2	230.2	207.5	192.7	181.8	170.5	160.1
32,5°	315.4	313.3	321.2	331.9	331.4	328.6	252.1	227.1	205.6	190.3	177.7	166.0	157.3
35,0°	321.7	321.5	324.9	334.5	333.3	326.2	256.9	227.4	203.9	185.4	172.9	162.7	154.1
37,5°	317.8	320.7	327.1	328.9	327.0	323.8	257.5	230.0	201.2	181.9	167.3	158.7	151.9
40,0°	307.3	310.5	312.3	313.0	311.4	313.2	259.2	232.9	205.7	182.2	167.4	156.0	145.4
42,5°	305.4	303.1	291.1	288.4	285.4	284.0	267.7	236.2	197.2	174.9	162.2	148.5	139.8
45,0°	290.8	284.4	277.0	272.8	265.0	261.1	275.9	232.4	190.8	167.2	159.5	146.7	134.0
47,5°	270.6	255.9	246.6	242.7	234.4	234.3	272.0	225.0	183.7	166.1	158.9	145.7	131.9
50,0°	241.3	228.6	222.0	212.9	205.7	206.8	273.0	218.6	172.5	164.5	157.6	142.5	128.6
52,5°	214.3	205.4	196.5	180.2	174.2	174.7	269.4	212.7	172.7	162.4	153.3	140.9	125.8
55,0°	190.7	179.3	168.0	149.3	147.3	152.3	261.5	209.3	173.7	162.6	152.1	138.5	125.9
57,5°	172.4	150.1	133.4	126.9	123.7	124.8	270.7	223.7	185.2	166.8	152.0	136.9	120.4
60,0°	153.5	126.7	108.7	103.7	98.3	95.0	283.7	240.3	197.4	180.7	159.1	141.2	120.8
62,5°	137.5	108.9	90.1	82.0	74.6	71.9	301.0	249.2	200.9	188.4	164.4	142.9	116.9
65,0°	123.3	94.4	71.3	63.4	58.7	57.3	321.5	254.8	192.5	186.2	162.5	139.1	114.1
67,5°	109.4	78.0	58.2	49.5	46.5	44.6	321.8	243.5	187.7	172.1	148.4	127.0	107.7
70,0°	86.9	53.4	34.8	26.2	23.6	23.7	309.9	241.2	182.8	159.9	132.1	100.7	89.1
72,5°	35.7	17.6	10.9	8.0	7.2	7.0	313.4	241.5	162.1	138.4	104.7	73.8	64.8
75,0°	6.0	5.1	4.6	4.2	3.8	3.6	256.9	189.9	109.6	95.2	79.3	59.6	52.0
77,5°	4.5	4.1	3.8	3.4	3.0	2.9	160.2	101.0	50.6	48.8	49.7	40.8	30.9
80,0°	3.6	3.2	2.9	2.5	2.2	2.1	62.6	36.5	23.8	23.4	21.7	16.7	10.2
82,5°	2.8	2.5	2.0	1.7	1.5	1.4	12.4	8.0	6.0	5.5	4.8	3.3	2.6
85,0°	1.6	1.5	1.2	0.9	0.7	0.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3
87,5°	0.3	0.3	0.3	0.3	0.1	0.1	0.8	0.8	0.8	0.8	0.7	0.7	0.7
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

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51F08GE EAN: 4058352991312	LP-Nummer 59599_6
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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	0.3	0.3
2,5°	184.9	184.3	182.8	182.5	182.9	182.3	182.0	181.5	181.6	182.2	182.4	2.2	2.5
5,0°	183.4	182.4	182.6	182.3	182.0	182.0	181.9	182.3	183.4	183.0	182.7	4.5	7.0
7,5°	183.2	183.3	182.2	181.8	180.9	180.2	180.5	181.0	181.4	182.1	181.4	6.8	13.8
10,0°	185.3	184.9	185.3	185.6	184.5	183.8	182.3	181.0	177.2	176.3	175.2	9.3	23.1
12,5°	188.2	185.6	184.4	184.6	183.6	182.2	180.8	179.6	179.7	179.1	178.8	12.0	35.1
15,0°	185.3	183.5	181.4	179.6	177.4	176.4	174.6	174.8	175.5	174.7	174.3	14.6	49.7
17,5°	183.8	180.2	176.7	173.6	171.5	169.0	166.5	166.3	166.5	165.1	163.9	17.3	67.0
20,0°	180.6	178.8	175.2	170.8	168.8	166.9	163.2	159.9	157.7	156.3	155.1	20.2	87.3
22,5°	176.9	171.7	169.0	166.0	163.9	160.2	158.0	157.1	154.5	152.5	151.4	23.4	110.7
25,0°	170.6	165.6	162.3	159.6	155.4	151.0	148.8	147.9	146.3	146.6	147.0	26.4	137.1
27,5°	163.4	161.2	157.4	153.8	147.7	143.4	140.5	139.9	140.0	137.8	137.9	29.3	166.5
30,0°	154.1	152.3	148.7	142.7	139.5	137.0	135.7	134.0	130.7	129.5	129.7	32.3	198.7
32,5°	150.3	145.6	140.8	135.7	132.8	128.2	124.1	122.4	122.0	123.1	125.2	35.1	233.8
35,0°	146.1	139.9	132.0	126.7	124.1	117.4	111.6	108.6	111.6	114.0	115.1	37.3	271.2
37,5°	141.8	135.1	127.6	120.4	113.6	108.7	105.6	101.3	99.1	99.0	99.1	39.2	310.4
40,0°	137.6	128.7	120.7	111.5	103.5	97.6	94.8	92.9	90.7	87.5	85.6	40.7	351.1
42,5°	130.8	122.7	110.3	103.5	96.6	90.8	86.7	83.7	81.0	78.3	77.1	42.0	393.1
45,0°	126.1	116.1	105.3	96.9	91.3	82.7	80.4	79.2	72.3	68.9	69.6	43.1	436.2
47,5°	118.5	108.0	98.7	89.8	80.1	73.5	71.3	68.3	63.3	60.6	62.9	43.6	479.7
50,0°	116.2	101.3	90.2	84.0	75.4	67.5	63.3	60.4	56.9	55.5	56.8	43.8	523.5
52,5°	113.1	96.2	82.5	75.1	69.1	62.2	55.8	52.4	50.7	49.4	48.5	43.5	567.0
55,0°	109.5	89.8	77.7	67.8	61.2	55.6	49.4	45.7	42.9	41.5	41.1	43.8	610.8
57,5°	105.8	88.0	75.5	61.7	53.6	48.0	42.9	40.0	38.9	38.8	38.3	45.0	655.9
60,0°	104.3	88.1	72.7	56.3	46.8	39.5	36.6	34.8	33.9	34.0	34.7	47.5	703.4
62,5°	97.7	83.9	68.4	53.1	39.0	33.0	30.5	30.0	29.6	28.6	27.7	48.5	751.9
65,0°	94.0	78.2	59.3	44.6	32.3	27.4	24.9	24.9	26.2	26.2	24.9	48.2	800.1
67,5°	91.3	71.2	50.3	33.6	26.9	23.6	20.7	20.3	22.2	22.5	21.6	47.9	848.0
70,0°	78.9	64.3	44.4	28.0	21.7	19.1	16.1	14.6	14.2	13.7	13.2	46.3	894.4
72,5°	60.7	53.7	39.3	20.5	12.0	9.6	7.8	6.3	5.7	5.4	5.3	42.4	936.8
75,0°	42.2	33.3	19.7	10.2	5.1	4.0	3.6	3.5	3.5	3.3	3.3	33.4	970.2
77,5°	22.1	14.1	7.8	4.9	3.3	3.0	2.8	2.6	2.6	2.5	2.4	19.7	989.9
80,0°	6.4	4.3	3.3	3.2	2.4	2.2	2.1	1.9	1.8	1.7	1.7	7.9	997.7
82,5°	2.2	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.8	999.5
85,0°	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.3	999.9
87,5°	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.1	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

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51F08GE EAN: 4058352991312	LP-Nummer 59599_6
Dimmstufen-Tabelle		siteco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	3480	22.7	23.4	23.0
95	241	252	3302	21.6	22.2	21.9
90	229	250	3137	20.5	21.0	20.8
85	216	248	2959	19.3	19.9	19.6
80	203	246	2781	18.2	18.7	18.4
75	190	243	2603	17.0	17.5	17.2
70	178	241	2439	15.9	16.4	16.2
65	165	238	2261	14.9	15.2	15.0
60	152	235	2083	13.7	14.0	13.8
55	140	232	1918	12.7	13.0	12.8
50	127	229	1740	11.6	11.8	11.7
45	114	225	1562	10.5	10.8	10.6
40	102	221	1397	9.5	9.8	9.6
35	89	216	1219	8.4	8.6	8.5
30	76	210	1041	7.4	7.5	7.4
25	63	203	863	6.3	6.5	6.4
20	51	195	699	5.4	5.5	5.4
18	45	191	617	4.9	5.0	5.0