

Lichttechnischer Prüfbefund

Familie

Streetlight 11 mini LED



Bestell-Nr.: 5XC2C51Y08FE

EAN: 4058352918913

LP-Nummer

58290_390

Ausführung

Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten

Optik

asymmetrisch, extrem breit strahlend (P1.0a)

Abdeckung

klar, PMMA

Bestückung

LED 3000 K | CRI ≥ 70

Betriebsgerät

EVG SITECO iQ - DALI2

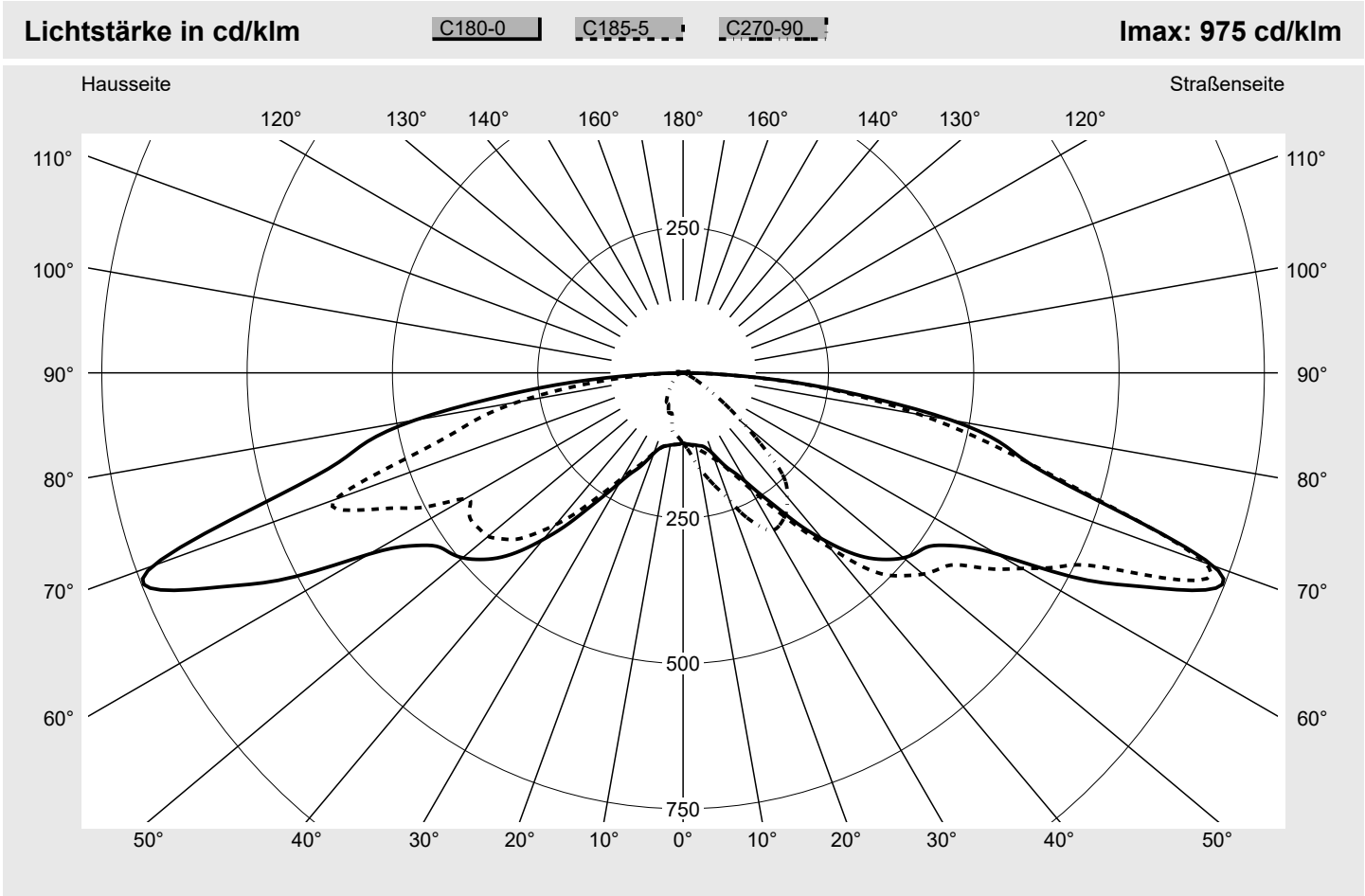
Bemessungswerte

Nettolichtstrom = 5570 lm
Systemleistung = 38.7 W
Lichtausbeute = 143.9 lm/W

Seriendokumentation

17.06.2024

siteco



Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	---
Eta 0° - 90°	100.0%	Imax 70°	970.0
Eta 90° - 180°	0.0%	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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Streetlight 11 mini LED

Bestell-Nr.: **5XC2C51Y08FE**
EAN: **4058352918913**

LP-Nummer
58290_390

Kegelmantelkurven in cd/klm

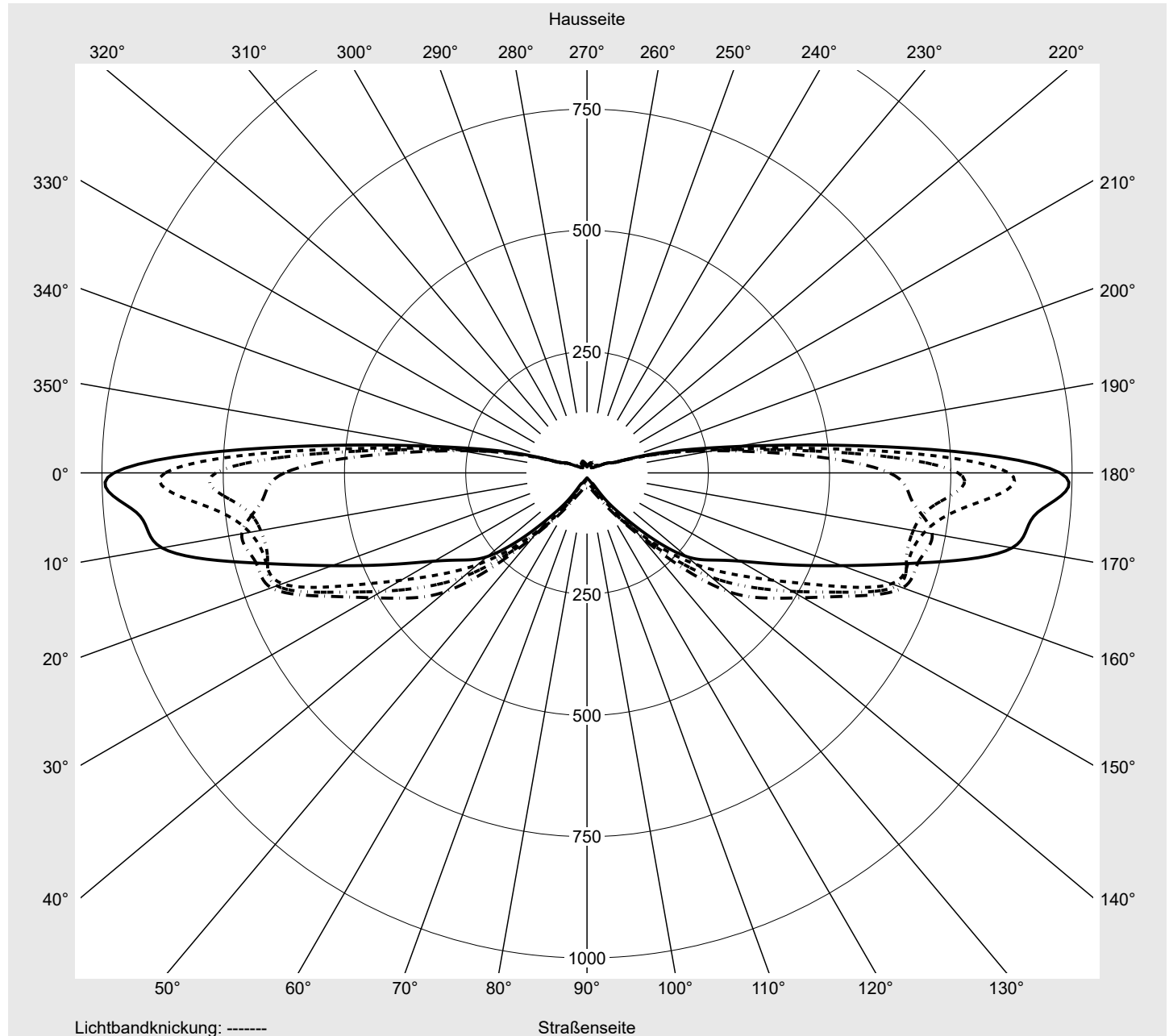
KMK 67.5°

KMK 65°

KMK 62.5°

KMK 60°

sit^{eco}



Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED				Bestell-Nr.: 5XC2C51Y08FE EAN: 4058352918913								LP-Nummer 58290_390	
Wertetabelle Lichtstärkemessung												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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Familie				Bestell-Nr.: 5XC2C51Y08FE								LP-Nummer			
Streetlight 11 mini LED				EAN: 4058352918913								58290_390			
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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Streetlight 11 mini LED				EAN: 4058352918913								58290_390	
Wertetabelle Lichtstärkemessung												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°	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.: 5XC2C51Y08FE EAN: 4058352918913	LP-Nummer 58290_390
Dimmstufen-Tabelle Umgebungstemperatur: 25°C		sit eco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	5570	38.7	40.3	39.5
95	241	252	5285	36.4	38.0	37.2
90	229	250	5022	34.3	35.8	35.0
85	216	248	4737	32.2	33.5	32.8
80	203	246	4452	30.2	31.3	30.8
75	190	243	4167	28.0	29.1	28.6
70	178	241	3903	26.2	27.2	26.7
65	165	238	3618	24.1	25.1	24.6
60	152	235	3333	22.2	23.1	22.6
55	140	232	3070	20.5	21.2	20.8
50	127	229	2785	18.6	19.3	19.0
45	114	225	2500	16.7	17.3	17.0
40	102	221	2237	15.2	15.6	15.4
35	89	216	1952	13.4	13.9	13.6
30	76	210	1667	11.8	12.2	12.0
25	63	203	1382	10.1	10.4	10.2
20	51	195	1118	8.6	8.9	8.8
15	38	184	833	6.8	7.1	7.0
11	28	173	614	4.9	5.1	5.0