

Lichttechnischer Prüfbefund

Familie
Streetlight 11 micro LED

Bestell-Nr.: 5XC1C41E08CE
EAN: 4058352583425

LP-Nummer
58063_415

Seriodokumentation
14.02.2025



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 = 1660 lm
 Systemleistung = 10.8 W
 Lichtausbeute = 153.7 lm/W

siteco

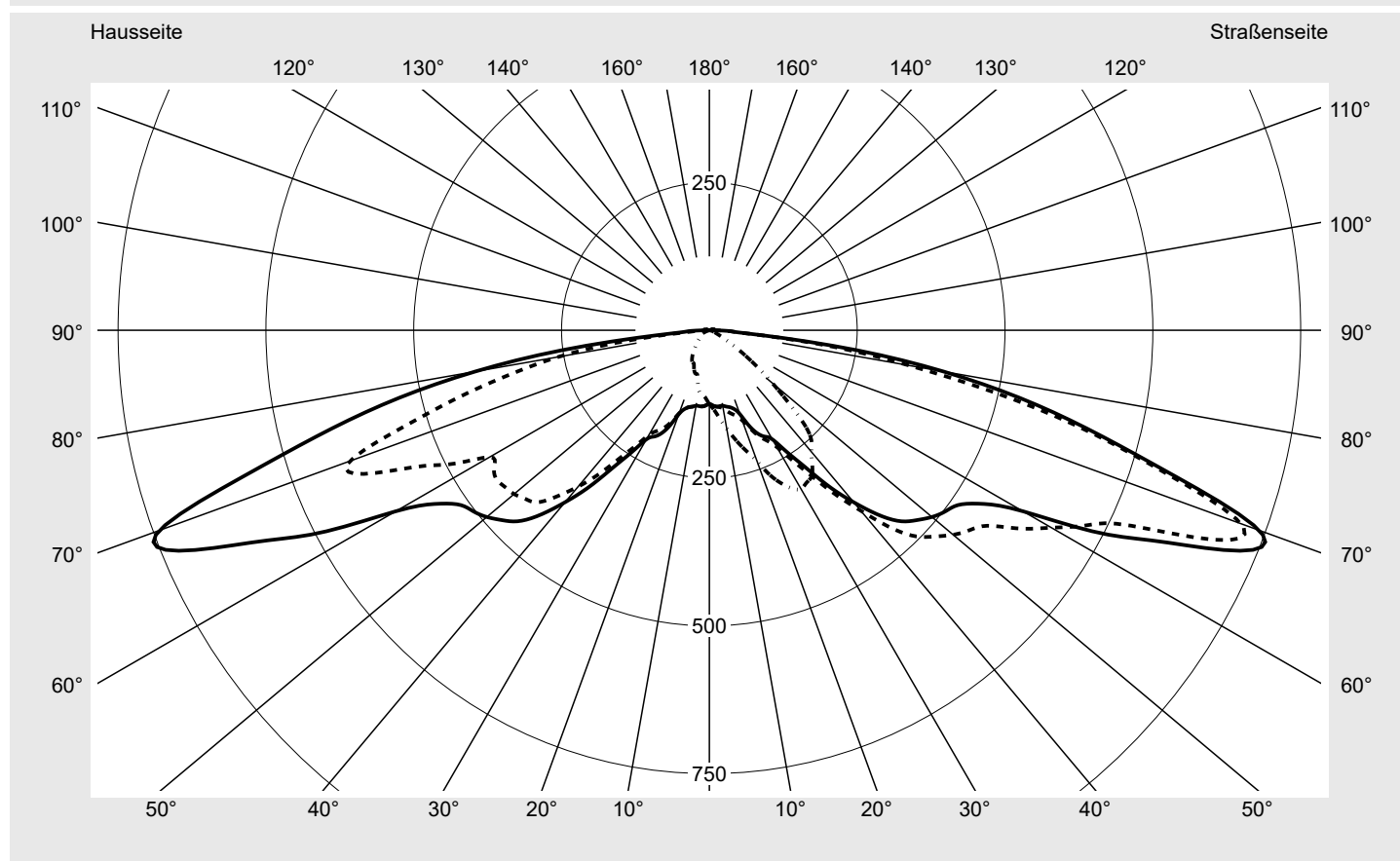
Lichtstärke in cd/klm

C180-0

C185-5

C270-90

Imax: 989 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	989.5
Imax 80°	402.4
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie
Streetlight 11 micro LED

Bestell-Nr.: 5XC1C41E08CE
EAN: 4058352583425

LP-Nummer
58063_415

Kegelmantelkurven in cd/klm

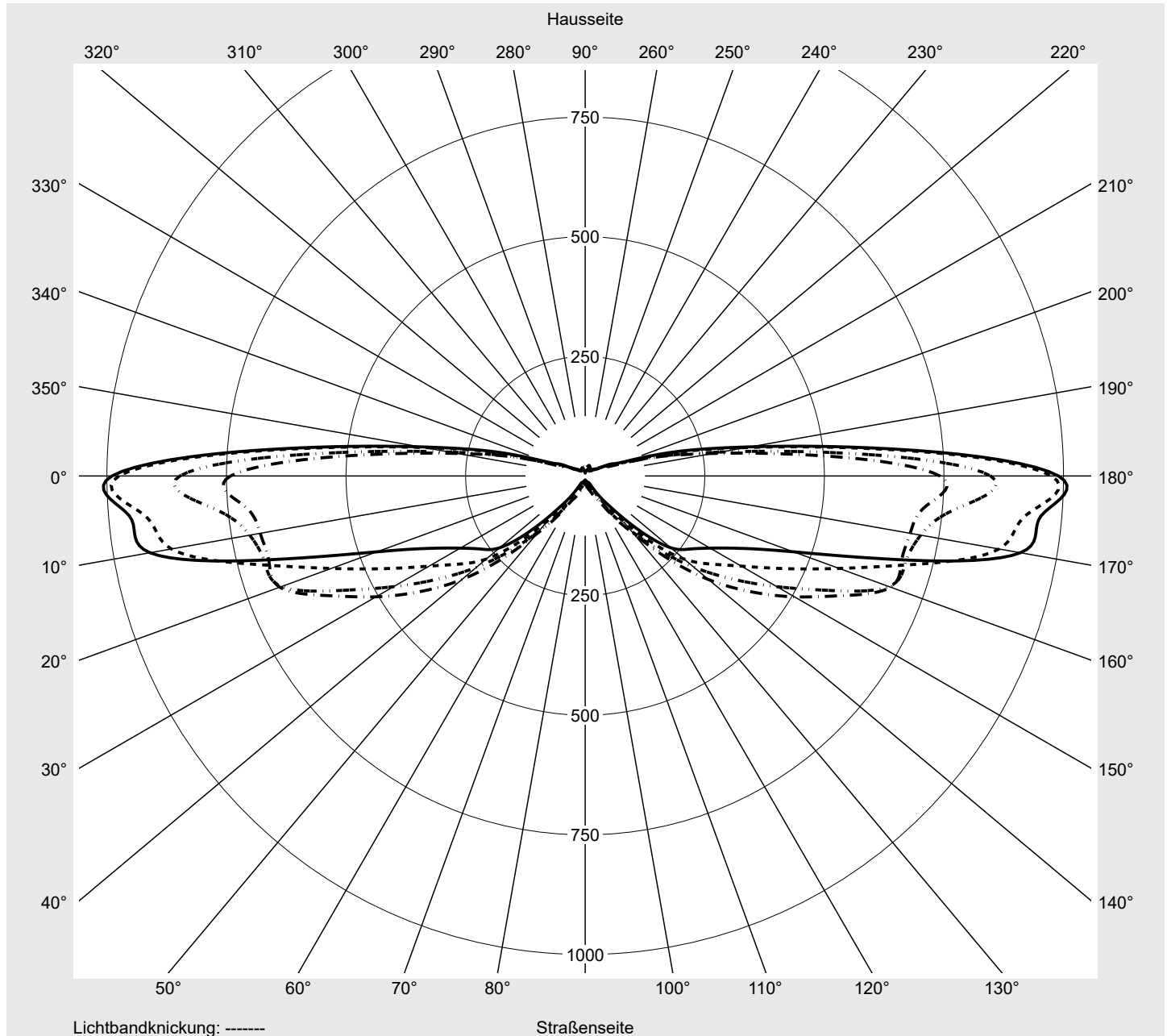
KMK 70°

KMK 67,5°

KMK 65°

KMK 62,5°

siteco



Lichttechnischer Prüfbefund

Familie				Bestell-Nr.: 5XC1C41E08CE								LP-Nummer	
Streetlight 11 micro LED				EAN: 4058352583425									
Wertetabelle Lichtstärkemessung												siteco	
Maximale Lichtstärke													
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°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6
2,5°	127.0	126.9	126.7	127.1	127.5	127.3	127.1	128.3	129.5	129.7	130.1	130.6	131.2
5,0°	129.4	129.7	129.9	131.6	133.3	133.8	134.2	136.5	138.5	139.4	140.0	140.9	141.8
7,5°	129.5	131.2	133.6	138.7	143.9	146.8	149.1	151.9	154.4	155.9	156.8	157.5	158.1
10,0°	129.7	134.2	139.4	146.6	153.6	158.3	162.1	165.8	169.0	171.3	173.3	173.9	174.6
12,5°	132.2	140.4	148.4	155.8	162.3	167.0	171.3	176.3	181.1	185.3	189.4	189.9	190.5
15,0°	134.8	146.4	156.9	164.5	170.7	176.6	182.2	188.1	194.0	199.8	205.5	206.6	207.7
17,5°	139.8	152.1	163.1	170.1	176.2	184.1	192.2	199.8	207.4	215.7	222.8	226.3	228.6
20,0°	151.0	162.2	172.4	179.8	187.1	197.9	208.5	215.8	222.4	230.5	237.9	242.4	245.9
22,5°	174.4	179.0	184.6	194.4	206.6	220.1	234.5	236.8	239.6	243.7	248.6	253.7	259.0
25,0°	192.5	197.2	200.3	212.0	224.9	242.0	260.4	258.9	257.4	259.0	261.2	265.2	269.7
27,5°	202.8	210.3	217.6	227.2	238.5	251.8	265.9	270.3	274.3	276.8	278.7	280.3	281.7
30,0°	213.1	228.0	242.7	251.7	258.7	264.6	271.4	282.3	294.5	293.7	292.8	288.0	283.7
32,5°	244.6	260.4	276.7	281.4	286.1	286.2	286.4	306.4	326.3	316.5	305.5	289.8	274.8
35,0°	282.9	300.1	316.1	317.6	319.2	314.0	308.8	326.9	345.1	329.2	310.9	285.5	257.6
37,5°	333.9	349.8	361.3	359.3	357.4	348.9	340.5	341.1	341.8	326.7	305.4	265.9	220.2
40,0°	379.9	398.5	411.0	406.7	402.4	389.4	375.8	360.7	343.6	326.1	299.9	252.8	198.4
42,5°	423.6	452.2	475.0	468.4	461.7	442.8	420.4	388.6	352.5	315.2	277.3	240.7	204.4
45,0°	456.8	492.9	524.2	518.3	512.3	487.3	457.2	413.0	362.6	308.3	258.7	224.8	201.4
47,5°	475.5	516.4	551.6	551.7	551.9	521.1	484.9	433.5	374.3	306.8	245.7	210.0	186.6
50,0°	491.4	538.2	578.7	582.9	587.1	549.7	507.2	451.2	386.1	306.4	233.6	193.5	167.9
52,5°	503.2	555.2	600.4	609.4	618.4	574.3	526.5	470.9	404.4	312.6	225.5	175.0	141.6
55,0°	514.9	576.5	631.8	638.3	644.8	591.1	535.5	478.3	409.9	308.7	211.5	155.7	119.1
57,5°	546.5	624.5	690.5	680.1	669.8	598.7	528.8	467.0	396.4	287.5	185.0	133.5	103.0
60,0°	612.4	667.9	723.5	703.4	683.3	601.3	522.1	456.0	382.9	270.8	166.0	114.7	85.6
62,5°	741.6	715.8	690.0	684.7	679.5	591.9	505.0	421.3	336.9	242.9	158.3	106.2	64.7
65,0°	847.5	779.9	712.2	694.0	675.7	566.2	462.6	375.5	296.7	219.8	150.6	96.0	46.7
67,5°	974.7	926.6	878.5	713.8	564.9	457.9	376.9	321.0	270.1	194.9	121.9	73.7	32.8
70,0°	989.5	956.7	924.0	674.9	463.3	357.9	301.7	266.3	233.4	162.9	91.8	51.1	19.0
72,5°	831.9	816.0	800.1	583.1	366.1	295.6	234.6	206.1	179.1	118.9	59.9	32.6	14.6
75,0°	681.5	667.1	652.6	470.2	287.8	232.2	183.0	156.1	129.7	81.8	27.9	19.4	11.0
77,5°	548.6	506.8	451.2	346.8	243.9	193.2	158.6	118.0	80.3	48.7	19.3	14.0	8.7
80,0°	402.4	343.4	286.5	233.7	187.8	156.1	126.6	84.0	44.9	25.8	12.7	9.5	6.7
82,5°	236.3	206.9	176.9	143.8	113.5	94.6	77.5	52.1	28.7	17.2	9.4	7.2	5.2
85,0°	70.2	68.8	67.3	53.3	39.3	39.7	40.0	27.0	15.8	10.1	6.1	4.8	3.6
87,5°	35.1	34.4	33.7	26.6	19.6	17.6	15.0	10.4	5.9	3.8	2.3	1.8	1.4
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 micro LED				Bestell-Nr.: 5XC1C41E08CE EAN: 4058352583425								LP-Nummer 58063_415 siteco	
Wertetabelle Lichtstärkemessung													
Maximale Lichtstärke													
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°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6
2,5°	131.1	130.9	130.9	130.9	131.4	131.9	126.9	126.8	126.1	125.5	125.9	126.3	126.8
5,0°	141.5	141.3	141.2	141.1	141.4	141.8	129.1	128.6	127.9	127.1	127.7	128.4	128.2
7,5°	157.8	157.4	157.6	157.8	156.3	154.8	129.6	129.6	129.5	129.3	130.9	132.4	129.8
10,0°	174.4	174.2	173.9	173.5	171.2	169.0	130.3	130.9	131.7	132.5	132.9	133.3	129.2
12,5°	191.4	192.5	190.0	187.6	185.8	184.3	132.5	132.7	134.6	136.6	133.1	128.7	122.0
15,0°	208.6	209.6	205.9	202.3	201.4	200.5	134.6	134.4	137.9	141.3	133.2	126.0	121.3
17,5°	227.3	225.9	221.2	216.4	216.5	216.6	139.7	139.6	143.5	147.3	135.2	123.1	136.0
20,0°	243.2	240.3	236.8	233.2	234.6	236.0	149.3	147.6	150.0	152.3	139.2	126.0	144.7
22,5°	255.9	252.7	253.2	253.7	258.5	263.4	167.4	159.8	158.4	156.9	150.7	144.4	150.0
25,0°	266.4	263.2	268.7	274.2	279.5	284.8	182.5	171.8	164.9	159.3	153.9	149.1	145.3
27,5°	279.5	277.3	278.7	280.0	290.8	301.5	192.1	180.4	169.0	157.3	144.5	132.5	124.7
30,0°	280.8	278.3	282.1	285.9	297.9	309.9	204.4	194.7	177.5	157.5	136.4	117.1	105.2
32,5°	265.9	258.9	270.2	281.7	293.6	305.8	231.5	215.7	189.9	160.5	129.5	102.7	89.7
35,0°	249.1	240.7	259.9	277.5	290.3	301.7	264.1	240.1	204.4	164.7	127.2	89.9	79.7
37,5°	221.8	223.5	244.4	263.2	275.5	285.6	306.6	270.5	223.9	172.9	123.8	74.6	67.8
40,0°	203.1	207.9	226.8	244.2	257.0	268.4	345.3	299.3	239.5	176.3	121.8	69.1	61.7
42,5°	201.2	197.9	209.1	221.7	238.2	256.0	381.0	325.6	248.6	172.7	120.2	83.0	62.5
45,0°	189.2	181.7	186.8	191.9	211.1	230.3	411.6	352.0	259.0	169.0	119.6	88.2	65.7
47,5°	170.0	157.1	152.5	147.9	164.8	181.6	422.2	353.0	248.0	149.8	105.3	81.5	60.8
50,0°	146.6	130.9	119.6	110.2	124.7	139.2	431.1	353.9	248.2	131.8	100.7	72.8	54.5
52,5°	116.3	98.9	87.1	77.9	90.5	103.0	435.6	350.8	238.4	115.6	86.2	60.3	45.3
55,0°	92.1	74.1	62.4	53.8	63.4	73.0	439.5	347.7	228.5	99.2	72.5	49.5	37.7
57,5°	77.0	58.9	48.1	40.5	44.9	49.2	431.5	306.1	191.4	78.2	58.5	38.8	32.3
60,0°	61.9	46.2	36.8	30.3	30.9	31.5	429.1	264.5	155.8	65.7	49.2	32.6	28.1
62,5°	49.8	36.7	29.4	24.0	22.9	21.8	489.6	270.9	151.9	66.0	48.8	34.0	26.1
65,0°	37.0	28.3	22.5	18.6	16.3	14.7	546.3	287.4	155.7	66.3	49.2	34.1	25.5
67,5°	26.6	20.9	16.7	13.7	12.1	11.0	635.2	341.7	186.3	76.8	54.4	32.0	24.6
70,0°	17.0	14.9	12.3	9.9	8.9	8.2	646.5	350.5	195.4	87.3	59.0	30.7	23.7
72,5°	12.4	10.4	8.9	7.6	7.1	6.6	541.4	290.6	159.2	67.5	48.8	32.7	24.1
75,0°	8.9	7.1	6.2	5.6	5.4	5.2	439.7	231.4	123.8	49.7	39.9	30.9	23.8
77,5°	7.0	5.5	4.7	4.2	3.9	3.7	344.9	171.2	87.0	32.7	27.6	22.8	18.7
80,0°	5.1	4.1	3.4	3.0	2.8	2.6	258.9	115.4	67.6	19.9	17.9	16.0	14.2
82,5°	4.0	3.2	2.6	2.2	2.0	1.9	151.3	66.3	39.6	12.8	11.7	10.8	10.3
85,0°	2.8	2.2	1.7	1.5	1.3	1.2	43.7	17.3	12.2	7.2	6.8	6.4	6.5
87,5°	1.0	0.8	0.7	0.6	0.5	0.5	21.9	8.7	5.7	2.7	2.5	2.4	2.4
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 micro LED				Bestell-Nr.: 5XC1C41E08CE EAN: 4058352583425								LP-Nummer 58063_415	
Wertetabelle Lichtstärkemessung												sīteco	
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	Maximale Lichtstärke Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.6	0.2	0.2
2,5°	127.2	125.8	124.4	123.3	122.1	120.5	119.0	118.1	117.5	117.1	116.9	1.5	1.7
5,0°	128.1	126.3	124.3	121.4	118.6	116.5	114.7	113.2	111.9	111.2	110.6	3.1	4.8
7,5°	127.0	123.7	120.0	116.4	112.7	112.6	112.4	110.5	108.6	108.6	108.5	4.9	9.7
10,0°	124.9	120.3	115.8	112.0	108.5	109.2	110.0	107.5	105.2	103.7	102.4	6.7	16.4
12,5°	114.6	116.9	119.2	112.6	106.6	102.8	99.8	96.1	92.9	91.4	90.3	8.6	25.0
15,0°	117.6	120.0	122.5	113.4	104.8	97.8	91.6	86.0	80.6	79.4	78.2	10.7	35.8
17,5°	148.9	131.4	115.8	105.4	97.9	92.3	87.9	83.2	78.7	77.8	77.0	13.1	48.9
20,0°	163.4	134.0	109.1	96.8	90.1	85.0	81.7	78.8	76.7	75.2	73.9	15.6	64.5
22,5°	155.6	128.1	104.0	90.2	79.8	75.5	71.8	69.9	68.6	68.3	68.1	18.4	82.9
25,0°	141.8	117.6	96.2	81.8	72.0	66.1	62.0	61.3	60.5	61.4	62.2	21.2	104.0
27,5°	116.0	99.6	83.3	74.1	68.0	63.2	59.2	59.4	59.6	60.5	61.3	23.6	127.6
30,0°	95.5	83.3	72.6	67.1	63.5	60.0	56.8	57.8	58.8	58.8	58.8	26.0	153.7
32,5°	81.8	72.5	65.0	60.7	58.2	56.4	55.0	55.0	55.0	54.5	54.0	28.7	182.4
35,0°	70.4	63.1	57.7	55.0	53.4	53.3	53.2	51.9	50.8	49.8	48.8	31.6	214.0
37,5°	61.4	55.7	50.2	49.8	49.4	48.1	47.1	46.5	46.2	44.4	42.5	34.2	248.2
40,0°	54.7	49.2	44.3	44.7	45.2	43.5	41.9	41.5	41.1	39.1	37.2	37.2	285.4
42,5°	51.9	45.1	40.7	40.4	39.9	39.1	37.9	36.1	34.1	33.6	33.2	40.8	326.2
45,0°	48.4	42.9	37.4	36.5	35.7	35.1	34.6	31.8	29.0	29.2	29.4	43.8	370.0
47,5°	43.9	39.3	34.7	33.6	32.5	32.3	32.1	29.2	26.3	25.9	25.6	45.2	415.2
50,0°	39.3	35.4	31.5	30.7	29.8	29.9	30.0	27.1	24.2	23.3	22.5	46.6	461.8
52,5°	34.0	30.7	27.5	27.5	27.4	28.0	28.6	25.5	22.9	21.4	20.3	47.5	509.2
55,0°	29.6	26.8	24.0	24.7	25.5	26.4	27.4	24.5	21.8	19.9	18.2	48.2	557.5
57,5°	26.7	23.4	20.9	22.8	24.4	25.6	26.7	23.9	21.2	18.7	16.2	48.7	606.2
60,0°	24.0	21.0	18.4	20.7	22.9	24.5	25.9	23.3	20.5	17.4	14.3	49.2	655.4
62,5°	21.5	18.4	16.3	18.5	20.6	22.1	23.4	20.9	18.5	16.0	13.6	50.0	705.4
65,0°	19.0	16.9	14.7	16.6	18.4	19.6	20.7	18.3	16.0	14.4	13.0	51.1	756.5
67,5°	18.4	15.5	13.7	15.1	16.3	17.3	18.2	15.5	13.0	11.1	9.3	52.9	809.3
70,0°	17.7	14.9	13.2	13.5	13.8	14.3	14.9	12.2	9.7	7.8	6.1	50.7	860.0
72,5°	18.0	15.7	13.6	12.0	10.8	10.2	9.8	7.8	6.1	4.6	3.2	42.6	902.6
75,0°	18.4	15.3	13.2	10.3	7.8	6.7	5.8	4.1	2.4	1.3	0.4	34.3	936.9
77,5°	15.5	13.5	11.9	9.5	7.1	5.3	3.8	2.5	1.5	0.8	0.2	26.3	963.2
80,0°	12.5	11.3	9.9	8.1	6.1	3.9	1.7	1.2	0.6	0.3	0.0	18.8	982.0
82,5°	9.6	8.2	6.6	5.4	4.3	2.9	1.3	0.8	0.4	0.2	0.1	11.5	993.5
85,0°	6.6	5.1	3.8	3.2	2.7	1.8	0.9	0.5	0.3	0.2	0.2	4.4	997.9
87,5°	2.5	1.9	1.4	1.2	1.0	0.7	0.3	0.2	0.1	0.1	0.1	2.0	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 micro LED	Bestell-Nr.: 5XC1C41E08CE EAN: 4058352583425	LP-Nummer 58063_415
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	1660	10.8	11.1	11.0
95	241	252	1575	10.3	10.6	10.4
90	229	250	1497	9.8	10.0	9.9
85	216	248	1412	9.3	9.5	9.4
80	203	246	1327	8.8	9.0	8.9
75	190	243	1242	8.3	8.5	8.4
70	178	241	1163	7.8	8.0	7.9
65	165	238	1078	7.4	7.5	7.4
60	152	235	993	6.9	7.0	7.0
55	140	232	915	6.4	6.6	6.5
50	127	229	830	6.0	6.1	6.0
45	114	225	745	5.5	5.6	5.6
40	102	221	667	5.0	5.1	5.0
35	89	216	582	4.6	4.7	4.6
30	76	210	497	4.1	4.2	4.2
28	72	208	471	4.0	4.1	4.0