

Lichttechnischer Prüfbefund

Familie
Streetlight 11 micro LED

Bestell-Nr.: 5XC1AC1G08DE
EAN: 4069025078599

LP-Nummer
58065_264



Ausführung Mastansatz- / Mastaufsatzmontage
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Einstellung Werkseinstellung
Bemessungswerte Nettolichtstrom = 3620 lm
 Systemleistung = 27.7 W
 Lichtausbeute = 130.7 lm/W

Seriendokumentation
22.05.2024

siteco

Lichtstärke in cd/klm

C180-0

C205-25

C210-30

C270-90

Imax: 699 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G3
 Imax 70° 637.5
 Imax 80° 98.2
 Imax 90° 0.0
 Imax >90° 0.0
 Imax >95° 0.0

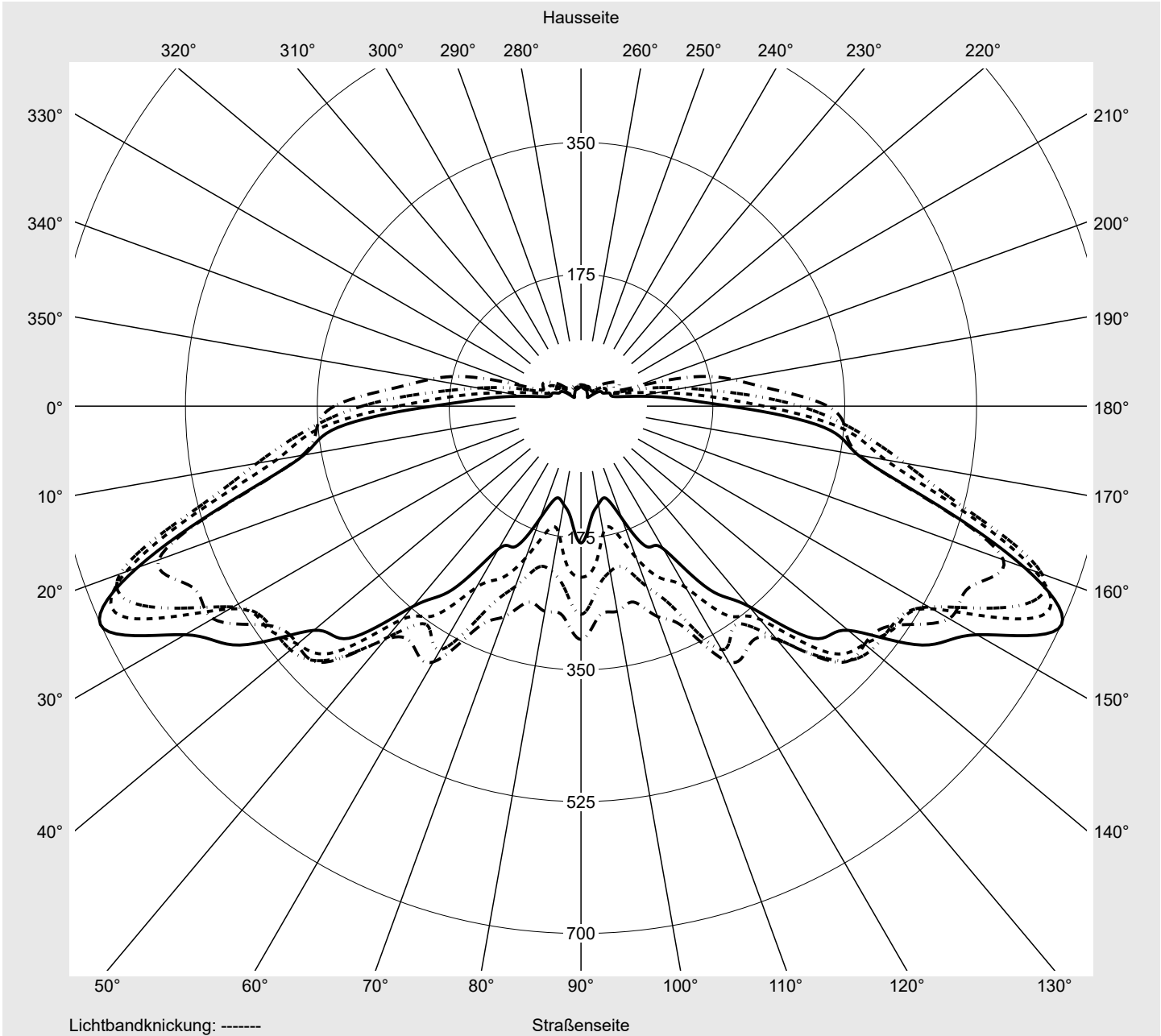
Messbedingungen

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 micro LED	Bestell-Nr.: 5XC1AC1G08DE EAN: 4069025078599	LP-Nummer 58065_264
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°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
2,5°	259.9	259.7	259.7	260.1	259.7	258.6	257.4	255.7	253.8	253.3	252.7	252.9	253.7
5,0°	239.6	238.9	237.5	239.1	243.2	242.7	240.8	244.6	250.6	256.3	263.1	271.3	271.3
7,5°	244.9	242.1	235.6	230.9	228.8	236.0	239.4	250.8	256.3	259.9	254.4	255.2	258.8
10,0°	233.7	243.2	241.5	238.9	240.0	240.4	242.7	243.0	250.6	255.7	265.4	267.5	278.3
12,5°	225.2	233.7	239.6	245.3	250.1	250.4	263.7	271.5	263.5	263.7	272.0	275.3	277.7
15,0°	219.7	229.0	247.6	256.3	265.0	273.9	278.9	272.2	267.7	271.1	272.8	264.7	275.6
17,5°	216.5	223.5	248.2	257.8	271.3	287.6	282.1	276.8	264.1	264.7	264.1	271.1	270.1
20,0°	212.9	224.3	235.6	241.9	249.3	252.9	265.6	273.9	277.0	265.4	250.6	254.8	274.5
22,5°	210.8	219.3	222.6	234.7	239.4	243.0	245.1	248.3	255.4	253.7	253.7	262.2	262.4
25,0°	204.6	216.7	224.8	227.7	230.5	230.3	238.7	255.2	263.5	262.2	277.0	272.4	278.5
27,5°	201.5	215.0	216.5	224.8	233.7	241.5	251.4	261.8	265.4	279.6	301.0	305.2	312.8
30,0°	203.0	214.8	220.7	231.7	244.7	253.8	265.0	270.1	283.8	299.2	324.7	337.6	348.1
32,5°	240.0	235.6	234.5	235.3	252.5	268.3	280.4	287.4	312.2	327.0	350.0	360.2	381.1
35,0°	261.0	262.6	256.5	255.9	264.3	281.0	303.1	310.9	322.3	347.3	367.4	382.6	402.5
37,5°	270.1	279.4	281.0	280.8	282.5	292.3	317.5	330.6	342.0	366.8	377.3	417.6	423.1
40,0°	287.6	289.7	295.7	308.3	316.2	333.5	344.3	342.9	362.1	396.0	398.7	425.6	460.3
42,5°	309.6	310.1	306.5	320.6	345.6	369.9	373.1	366.5	370.1	405.9	409.7	424.1	463.7
45,0°	319.1	326.6	339.9	375.4	394.1	408.9	409.3	397.9	403.0	408.5	412.3	421.8	444.0
47,5°	329.5	324.9	325.9	392.6	432.8	430.2	451.0	434.1	450.1	424.7	412.7	419.2	439.1
50,0°	321.7	337.0	337.0	403.0	489.7	496.5	473.8	484.8	475.1	452.0	430.2	413.1	420.5
52,5°	310.1	321.7	346.7	404.6	507.5	545.8	500.9	473.0	508.8	459.5	427.7	416.3	397.2
55,0°	327.4	352.3	375.6	473.9	596.6	568.9	564.2	507.3	491.6	480.8	404.6	388.3	392.0
57,5°	290.6	365.3	436.7	530.2	651.2	630.3	533.1	505.4	503.3	477.0	401.5	355.3	373.3
60,0°	242.7	350.2	410.5	516.6	642.3	664.7	538.2	510.5	491.4	462.0	369.5	339.3	277.9
62,5°	197.0	323.8	373.5	476.4	626.6	699.2	606.8	553.0	462.9	435.8	347.1	297.1	218.8
65,0°	179.5	280.2	343.1	404.0	556.8	676.6	650.6	531.2	454.6	415.7	339.3	267.7	193.9
67,5°	170.4	253.6	315.8	366.1	567.4	681.7	625.0	497.3	409.1	364.7	296.5	241.5	173.8
70,0°	180.7	254.0	305.9	356.9	500.0	637.5	578.2	458.2	366.5	303.9	243.8	186.5	151.1
72,5°	177.1	253.8	262.9	340.7	417.3	539.9	545.4	397.0	317.0	272.8	193.0	154.3	144.8
75,0°	110.7	201.4	253.0	322.9	326.5	401.9	408.9	286.5	228.6	201.1	142.4	135.5	132.5
77,5°	88.0	125.7	156.6	239.2	175.9	190.1	183.1	164.0	125.9	136.7	94.4	91.6	91.9
80,0°	24.5	28.1	39.4	78.7	68.8	80.0	96.1	98.2	94.9	89.3	52.1	31.7	29.0
82,5°	5.9	6.6	7.8	9.5	12.1	17.6	35.1	52.1	44.2	29.6	19.5	15.7	12.1
85,0°	4.2	4.4	4.7	5.5	6.8	8.0	8.7	9.7	9.9	9.1	8.5	7.6	7.2
87,5°	2.7	2.7	3.0	3.4	3.8	4.6	4.7	5.1	5.3	4.9	4.6	4.2	3.6
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°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
2,5°	255.2	257.3	259.0	260.5	261.0	260.5	260.5	260.9	261.4	262.0	262.8	264.3	266.5
5,0°	271.1	267.7	264.7	264.1	266.0	266.2	241.5	243.6	246.1	247.0	247.8	248.5	247.0
7,5°	257.6	258.8	261.4	260.7	257.3	256.7	241.5	238.9	239.6	239.6	239.4	237.4	234.1
10,0°	278.1	274.7	268.3	265.0	270.1	274.1	225.6	221.4	223.7	228.4	224.8	224.5	220.5
12,5°	274.9	275.1	275.6	285.7	289.5	294.6	219.9	216.9	213.3	209.1	214.4	218.6	219.3
15,0°	280.8	283.8	297.3	315.8	317.9	321.1	215.7	202.3	195.1	186.0	175.7	167.2	166.3
17,5°	291.2	299.0	298.2	315.1	329.9	329.5	198.7	186.4	181.8	175.4	159.2	142.2	130.1
20,0°	271.3	289.1	297.8	313.2	341.0	347.7	199.8	181.6	168.9	161.5	150.5	131.8	120.4
22,5°	270.5	277.2	305.4	312.6	324.4	326.8	190.3	175.9	161.0	150.7	140.7	123.4	105.2
25,0°	282.8	301.6	307.7	314.7	328.2	315.1	190.9	167.2	157.3	140.3	129.1	114.5	102.6
27,5°	315.3	328.0	341.6	331.0	327.8	329.5	184.8	171.2	157.0	141.2	126.8	110.9	93.1
30,0°	362.3	355.3	351.3	350.0	344.3	338.2	189.8	175.4	158.7	140.1	124.7	107.5	87.6
32,5°	375.7	361.3	361.5	370.6	364.6	354.5	230.1	220.3	179.5	151.7	129.1	104.5	85.1
35,0°	399.3	383.3	385.8	390.0	393.9	384.1	253.1	241.5	199.8	175.5	154.7	108.1	82.5
37,5°	425.0	417.1	400.2	406.6	416.9	422.4	261.4	243.2	194.1	165.9	140.3	96.1	84.7
40,0°	456.3	428.4	401.5	377.8	394.5	417.8	293.1	265.8	201.9	175.2	126.3	94.8	88.7
42,5°	467.3	416.5	391.7	370.2	369.9	384.5	299.0	255.9	192.0	172.1	110.9	97.3	86.6
45,0°	479.8	431.7	387.1	364.9	366.5	370.4	313.6	262.0	196.8	154.1	99.2	94.8	89.7
47,5°	461.1	403.4	368.2	367.0	372.9	359.1	308.1	244.2	191.3	127.6	88.3	91.0	93.1
50,0°	420.3	371.2	331.2	323.8	346.4	332.1	295.6	240.4	177.4	103.5	76.8	84.0	77.5
52,5°	382.0	343.3	299.5	312.4	316.4	317.0	279.1	224.8	162.7	87.2	65.0	70.1	65.2
55,0°	324.2	297.3	269.2	276.6	279.2	309.8	255.9	204.2	148.4	70.5	54.8	58.4	55.9
57,5°	299.3	254.8	221.8	222.9	244.0	276.4	202.8	138.2	92.1	55.0	45.9	49.3	47.6
60,0°	252.3	214.2	171.2	170.8	212.1	227.1	161.3	103.5	68.4	49.7	42.7	39.6	40.0
62,5°	205.7	158.5	126.4	132.5	150.5	181.6	122.8	75.3	48.5	42.1	41.1	34.5	33.2
65,0°	152.2	108.4	88.3	87.6	107.1	106.9	112.6	58.0	45.9	38.3	38.1	32.4	33.0
67,5°	140.1	83.2	53.8	49.7	68.6	59.5	108.4	56.3	45.1	35.3	36.8	32.4	24.5
70,0°	131.4	69.2	38.1	24.1	29.0	25.4	106.4	59.1	44.9	35.6	29.6	24.1	22.2
72,5°	108.6	36.0	24.5	13.6	12.5	12.1	92.3	63.5	49.3	45.9	30.9	26.5	22.6
75,0°	79.2	24.6	15.2	10.4	9.3	9.1	63.1	60.5	59.0	37.2	30.1	28.4	20.1
77,5°	30.7	16.9	10.8	8.2	7.2	7.6	72.4	53.5	51.6	29.2	26.9	24.3	17.6
80,0°	16.3	11.4	7.8	6.1	5.3	5.3	20.5	23.7	21.0	16.1	15.7	17.3	18.6
82,5°	10.0	7.4	5.5	4.2	3.6	3.4	5.5	5.5	5.7	6.1	6.8	7.4	7.6
85,0°	5.7	4.4	3.0	2.3	1.9	1.9	3.8	3.6	3.6	3.8	4.0	3.6	3.6
87,5°	2.8	2.1	1.3	0.9	0.8	0.8	2.3	2.3	2.3	2.3	2.1	2.1	2.1
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°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	0.4	0.4
2,5°	268.8	270.9	274.5	277.0	277.5	276.0	273.9	274.7	275.5	274.3	273.7	3.1	3.5
5,0°	245.5	250.1	256.1	261.6	261.4	267.5	270.9	279.4	284.7	286.3	284.7	6.1	9.7
7,5°	229.8	233.2	242.3	242.1	245.1	253.5	255.9	257.4	260.5	266.2	269.6	8.9	18.5
10,0°	208.0	203.6	214.6	211.6	221.4	226.4	236.4	243.4	247.2	244.4	244.2	11.5	30.0
12,5°	218.2	195.3	193.7	187.1	184.6	196.0	205.9	219.7	225.4	218.2	213.5	14.1	44.1
15,0°	166.3	170.8	173.1	167.4	162.8	165.5	171.9	177.6	181.0	175.5	166.4	16.1	60.1
17,5°	130.1	136.5	137.8	132.1	125.5	138.0	139.5	135.7	127.4	120.4	120.2	17.5	77.7
20,0°	114.5	118.5	123.8	109.8	99.2	92.5	86.4	86.1	92.5	95.5	92.9	18.6	96.3
22,5°	98.6	102.2	108.4	91.0	83.2	76.0	72.0	70.3	67.1	66.0	76.2	19.6	115.9
25,0°	87.4	91.2	91.0	81.9	76.8	71.9	69.4	60.9	53.1	51.6	51.9	21.4	137.2
27,5°	79.8	70.7	64.8	63.9	60.3	61.2	59.7	49.3	45.7	42.8	41.3	23.6	160.9
30,0°	77.3	69.6	63.7	58.4	53.7	49.7	44.9	43.8	40.4	37.9	36.4	26.5	187.4
32,5°	73.4	67.5	62.2	54.8	46.3	41.1	38.3	36.0	34.9	33.0	31.5	30.2	217.6
35,0°	75.1	67.7	62.2	50.4	43.0	37.5	33.4	31.8	30.1	29.4	28.8	34.3	251.9
37,5°	76.4	67.1	59.0	49.3	42.7	37.2	31.5	29.4	28.2	28.4	28.1	38.0	289.8
40,0°	77.2	68.6	56.7	49.5	40.2	32.4	30.3	29.0	28.6	28.1	28.1	41.7	331.6
42,5°	79.4	66.0	57.6	47.2	39.6	33.2	29.0	29.0	28.4	28.4	29.2	44.5	376.1
45,0°	83.4	69.8	52.1	43.4	37.9	33.7	29.4	28.2	28.4	28.4	28.8	48.1	424.2
47,5°	81.1	61.8	48.2	40.0	35.6	32.8	29.4	28.2	28.4	28.2	28.8	50.5	474.7
50,0°	63.9	54.0	44.9	36.0	33.4	30.7	30.1	28.4	28.1	28.4	29.2	52.2	526.8
52,5°	56.1	48.5	38.3	32.0	29.8	30.3	29.4	28.6	28.1	29.4	28.8	52.9	579.7
55,0°	48.3	41.3	32.8	29.0	27.1	27.1	27.9	27.3	27.9	28.2	28.4	54.3	634.0
57,5°	40.2	33.0	27.3	24.5	25.0	25.8	26.4	26.7	27.9	27.7	28.4	53.7	687.7
60,0°	35.6	25.6	20.3	19.7	20.7	22.6	24.3	25.8	26.0	26.7	28.1	50.9	738.6
62,5°	29.4	21.2	15.5	14.8	17.3	19.3	22.0	22.7	23.5	24.5	25.8	48.0	786.6
65,0°	22.9	17.3	13.6	12.7	14.2	16.9	19.7	19.9	21.2	22.6	22.0	44.5	831.0
67,5°	20.5	15.5	12.5	11.2	11.9	13.6	15.2	15.5	16.3	15.9	15.5	41.4	872.4
70,0°	19.0	14.2	11.6	10.4	9.9	10.4	10.4	11.0	11.2	10.2	9.9	37.7	910.1
72,5°	16.9	12.7	9.9	8.7	8.0	8.0	7.6	7.2	7.0	4.2	3.8	33.7	943.8
75,0°	14.4	11.6	8.7	7.0	6.4	5.7	5.3	4.6	3.4	0.9	0.8	26.9	970.8
77,5°	11.6	8.5	6.8	5.7	4.7	4.4	3.4	4.0	1.9	0.8	0.4	16.9	987.6
80,0°	13.1	7.2	4.9	4.2	3.4	2.8	2.7	2.8	1.3	0.4	0.4	7.8	995.4
82,5°	6.6	4.9	3.8	3.0	2.7	1.9	1.5	1.5	0.8	0.4	0.4	2.8	998.2
85,0°	3.2	2.7	1.9	1.7	1.5	1.1	0.9	0.8	0.4	0.4	0.4	1.2	999.4
87,5°	1.7	1.5	1.3	0.9	0.9	0.8	0.8	0.4	0.4	0.4	0.4	0.7	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.: 5XC1AC1G08DE EAN: 4069025078599	LP-Nummer 58065_264
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	3620	27.7	28.1	27.9
95	241	252	3435	26.1	26.6	26.4
90	229	250	3264	24.6	25.1	24.8
85	216	248	3078	23.1	23.6	23.4
80	203	246	2893	21.6	22.0	21.8
75	190	243	2708	20.1	20.6	20.4
70	178	241	2537	18.8	19.2	19.0
65	165	238	2352	17.4	17.8	17.6
60	152	235	2166	16.0	16.3	16.2
55	140	232	1995	14.8	15.1	15.0
50	127	229	1810	13.4	13.7	13.6
45	114	225	1625	12.1	12.4	12.2
40	102	221	1454	10.9	11.1	11.0
35	89	216	1268	9.7	9.8	9.8
30	76	210	1083	8.5	8.6	8.6
25	63	203	898	7.3	7.4	7.4
20	51	195	727	6.1	6.2	6.2
15	38	184	542	5.0	5.1	5.0
13	33	179	470	4.6	4.6	4.6