

Lichttechnischer Prüfbefund

Familie
Streetlight 11 micro LED

Bestell-Nr.: 5XC1A11G08CE
EAN: 4058352990797

LP-Nummer
58065_208



Ausführung Mastansatz- / Mastaufsatzmontage
Optik direkt, asymmetrisch breit strahlend
S120001
Abdeckung klar, PMMA
Bestückung LED 1800 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1180 lm
Systemleistung = 12.4 W
Lichtausbeute = 95.2 lm/W

Seriendokumentation
28.11.2023

siteco

Lichtstärke in cd/klm

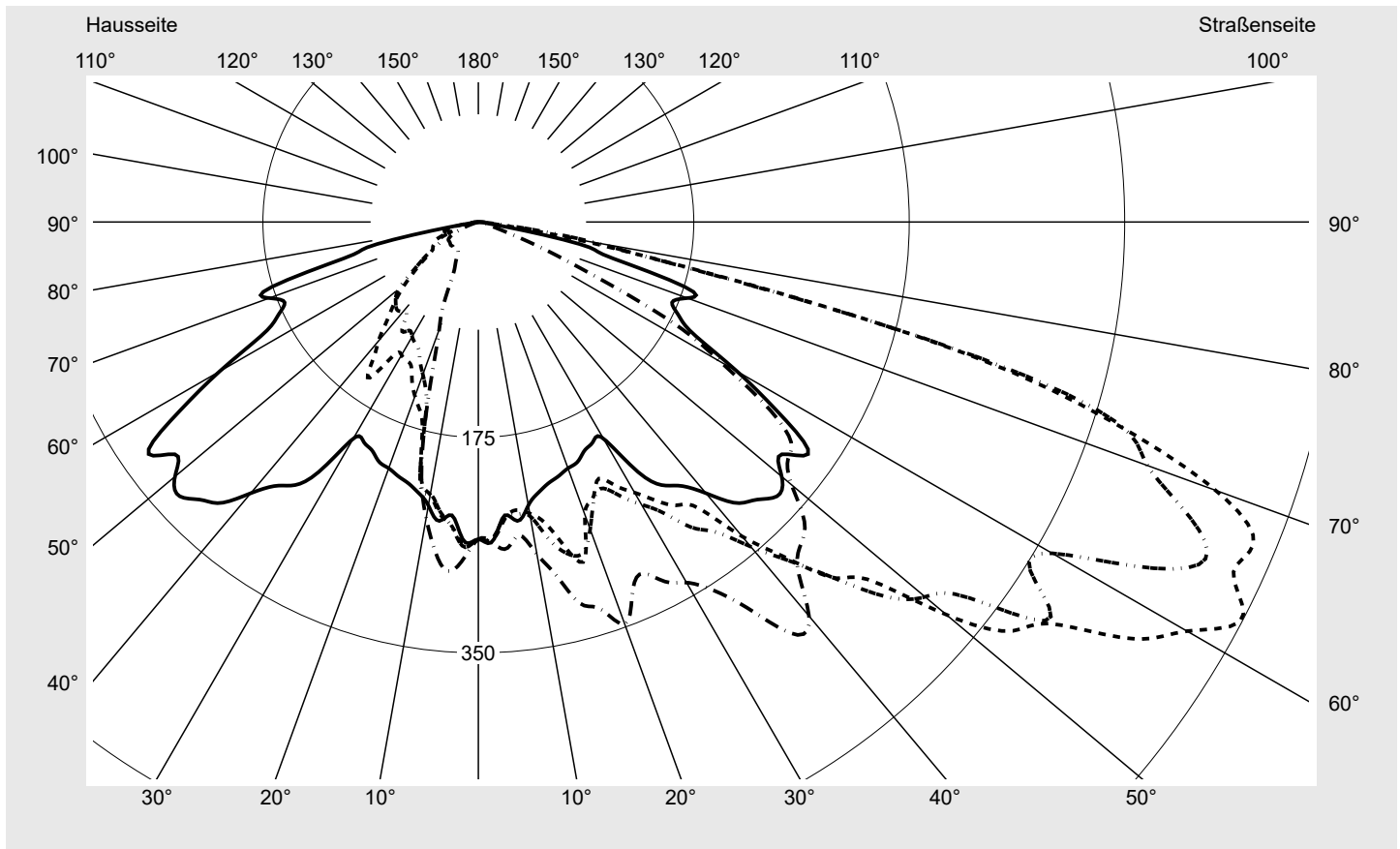
C180-0

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.: 5XC1A11G08CE EAN: 4058352990797	LP-Nummer 58065_208
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.: 5XC1A11G08CE EAN: 4058352990797	LP-Nummer 58065_208
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	1180	12.5	12.7	12.6
95	241	252	1120	11.8	12.1	12.0
90	229	250	1064	11.2	11.5	11.4
85	216	248	1003	10.6	10.9	10.8
80	203	246	943	10.1	10.3	10.2
75	190	243	883	9.5	9.7	9.6
70	178	241	827	8.9	9.1	9.0
65	165	238	767	8.4	8.6	8.5
60	152	235	706	7.9	8.0	8.0
55	140	232	650	7.4	7.5	7.4
50	127	229	590	6.9	7.0	7.0
45	114	225	530	6.3	6.5	6.4
40	102	221	474	5.9	6.0	6.0
35	89	216	413	5.3	5.4	5.4
30	76	210	353	4.8	4.8	4.8
25	63	203	293	4.2	4.3	4.2
20	51	195	237	3.6	3.6	3.6
15	38	184	177	2.9	2.9	2.9
15	37	183	172	2.8	2.9	2.8