

Lichttechnischer Prüfbefund

Familie Streetlight 11 micro LED



Bestell-Nr.: 5XC1A41F08CE
EAN: 4058352557297

LP-Nummer
58065_279

Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, breit strahlend (ST1.2a)
Abdeckung	klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 1960 lm Systemleistung = 12.6 W Lichtausbeute = 155.6 lm/W

Seriendokumentation
14.02.2025

siteco

Lichtstärke in cd/klm

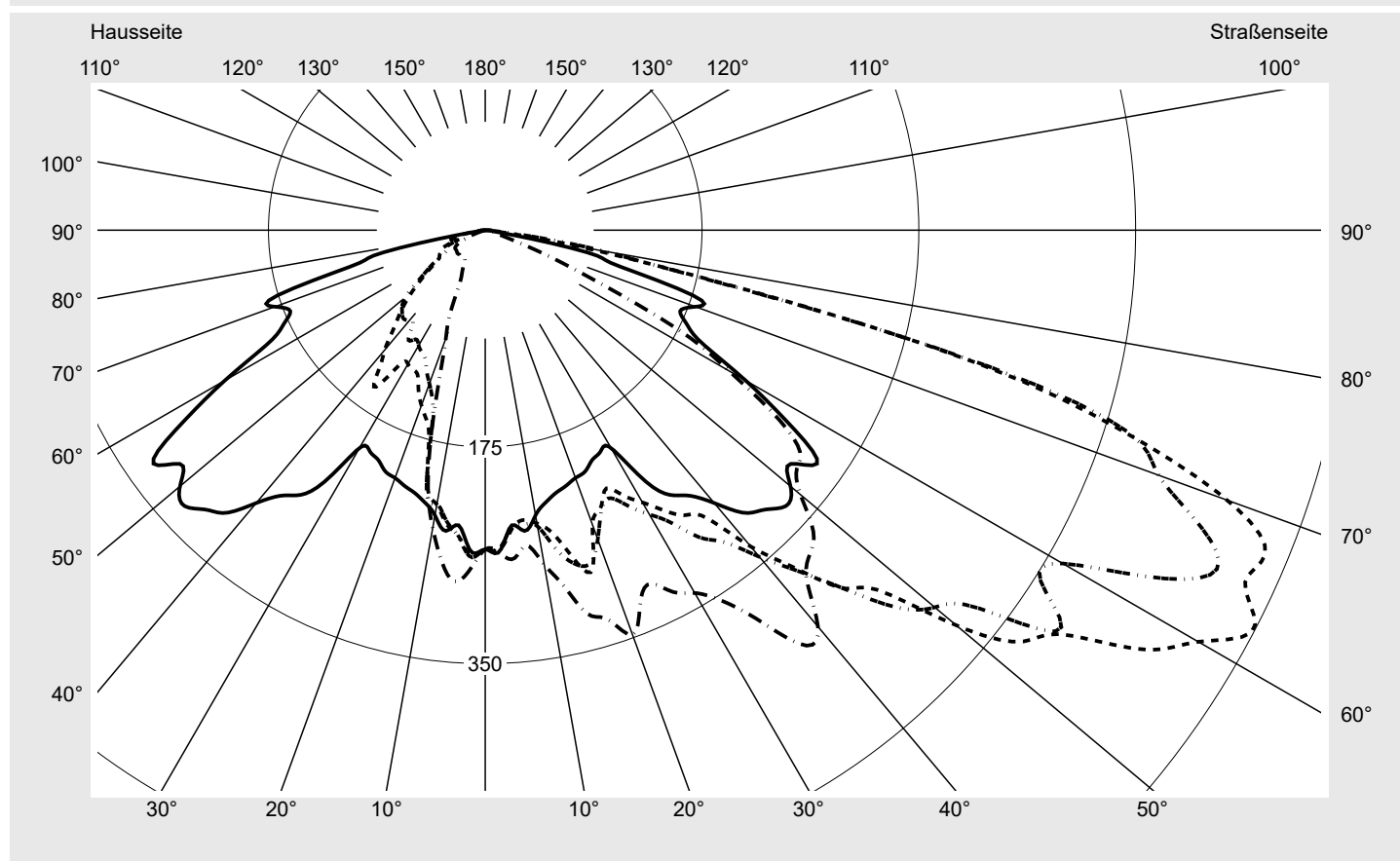
C180-0

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

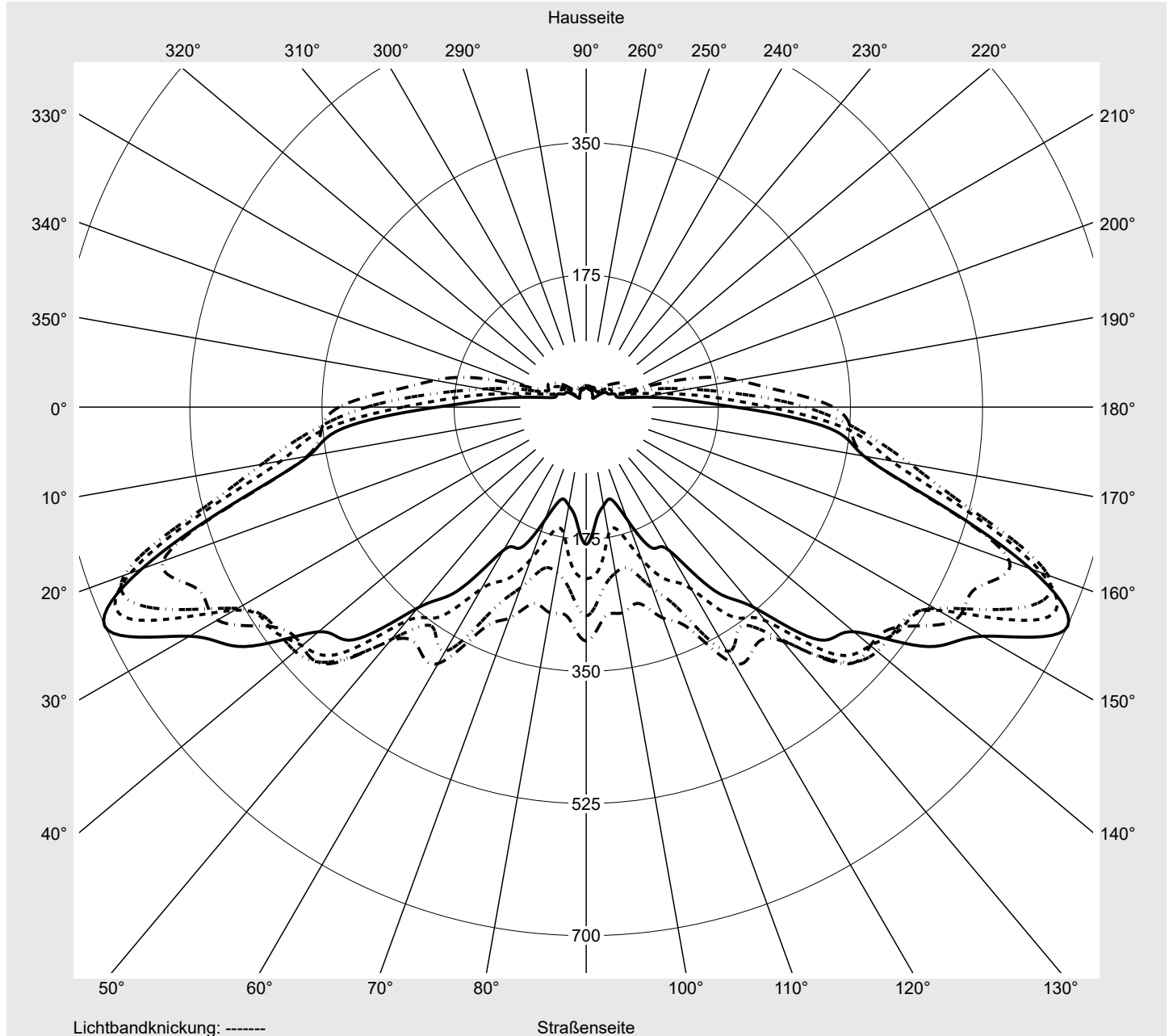
KMK 62,5°

KMK 60°

KMK 57,5°

KMK 55°

siteco



Lichttechnischer Prüfbefund

Familie Streetlight 11 micro LED				Bestell-Nr.: 5XC1A41F08CE EAN: 4058352557297								LP-Nummer 58065_279	
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°	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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Familie				Bestell-Nr.: 5XC1A41F08CE								LP-Nummer	
Streetlight 11 micro LED				EAN: 4058352557297								58065_279	
Wertetabelle Lichtstärkemessung												siteco	
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°	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												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	Maximale Lichtstärke 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.: 5XC1A41F08CE EAN: 4058352557297	LP-Nummer 58065_279
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	1960	12.6	12.9	12.8
95	241	252	1860	12.0	12.3	12.2
90	229	250	1767	11.4	11.7	11.6
85	216	248	1667	10.8	11.0	10.9
80	203	246	1566	10.1	10.4	10.2
75	190	243	1466	9.6	9.8	9.7
70	178	241	1374	9.0	9.2	9.1
65	165	238	1273	8.4	8.6	8.5
60	152	235	1173	7.8	8.0	7.9
55	140	232	1080	7.3	7.5	7.4
50	127	229	980	6.8	6.9	6.8
45	114	225	880	6.2	6.3	6.2
40	102	221	787	5.7	5.8	5.8
35	89	216	687	5.1	5.2	5.2
30	76	210	586	4.6	4.7	4.6
25	63	203	486	4.1	4.1	4.1
24	62	202	478	4.0	4.1	4.0