

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2MC1F08GE
EAN: 4069025076731

LP-Nummer
59453_273



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	direkt, asymmetrisch breit strahlend S100001
Abdeckung	klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Einstellung	indiv. Einstellung
Bemessungswerte	Nettolichtstrom = 3600 lm Systemleistung = 23.7 W Lichtausbeute = 151.9 lm/W

Seriendokumentation
25.04.2024

siteco

Lichtstärke in cd/klm

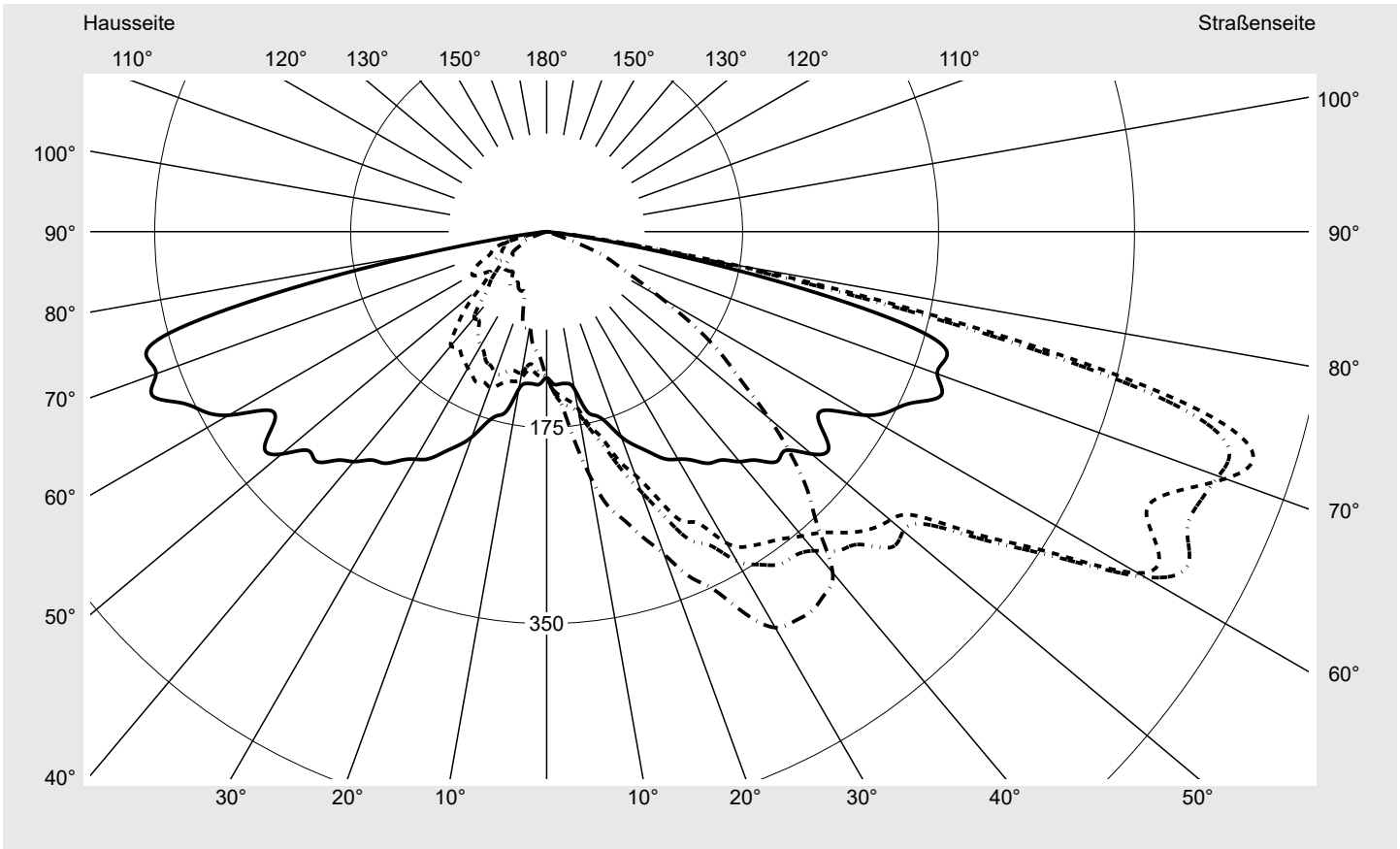
C180-0

C195-15

C200-20

C270-90

Imax: 661 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G1
Imax 70°	645.0
Imax 80°	167.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

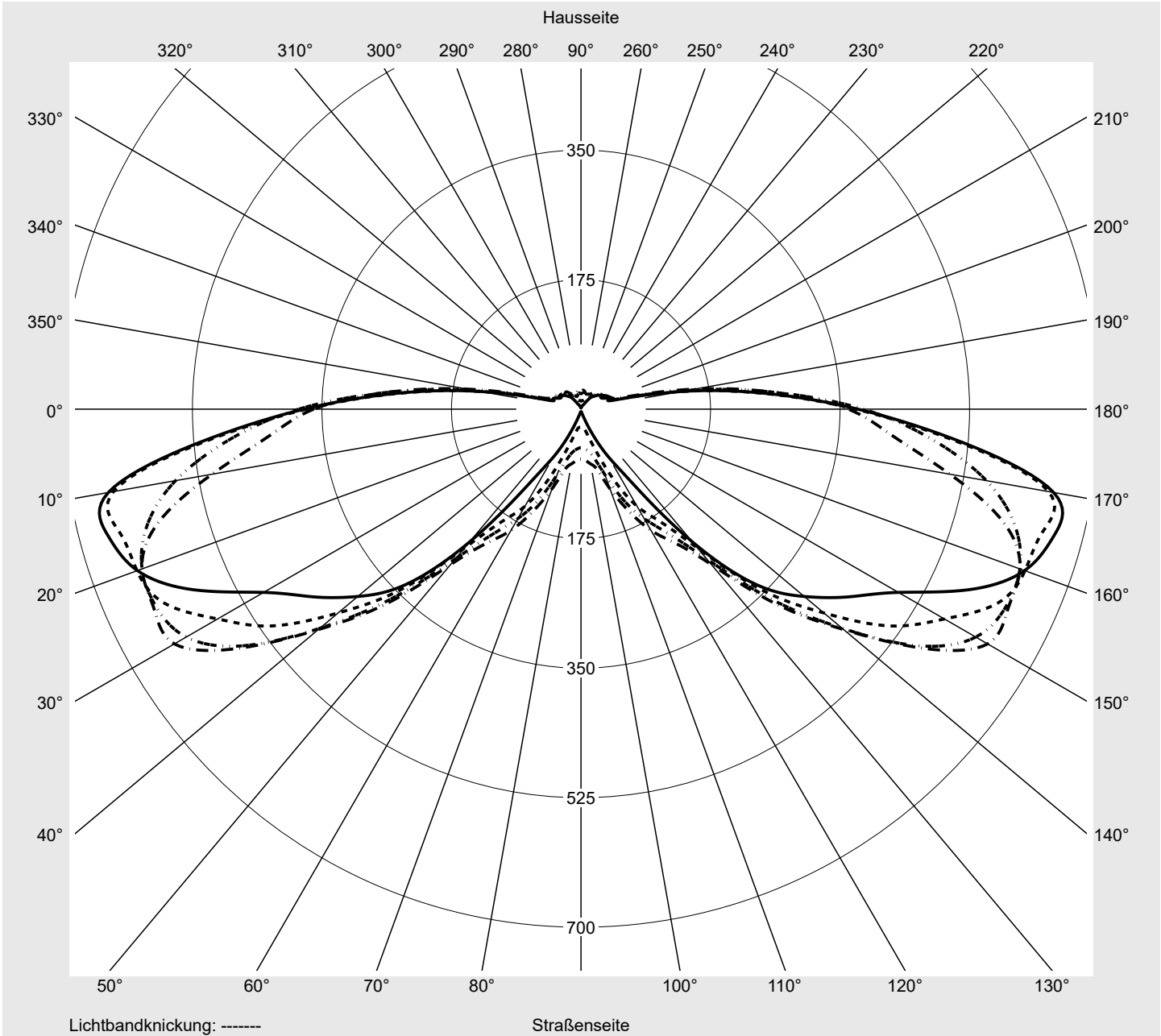
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 72,5°** **KMK 70°** **KMK 67,5°** **KMK 65°** **siteco**



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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2MC1F08GE EAN: 4069025076731	LP-Nummer 59453_273
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°	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5
2,5°	136.0	138.5	139.5	141.5	143.1	143.0	142.2	142.5	144.1	144.9	146.0	147.0	146.5
5,0°	136.5	139.7	143.0	147.1	153.5	155.8	154.9	157.2	159.8	161.3	162.4	161.4	159.9
7,5°	136.8	142.1	147.3	152.3	157.6	161.0	165.6	170.9	172.5	171.3	168.7	172.0	177.4
10,0°	142.6	147.8	153.0	160.3	165.1	169.3	177.3	184.1	187.2	191.2	197.2	200.3	201.5
12,5°	163.5	167.3	172.4	177.7	181.1	185.6	192.8	201.2	209.5	215.8	222.2	227.8	228.1
15,0°	170.1	176.4	184.9	190.6	198.6	206.4	211.4	221.4	229.1	235.7	249.5	253.9	257.3
17,5°	179.2	190.7	205.0	214.1	223.0	234.7	240.8	245.8	249.0	249.5	252.7	262.0	271.2
20,0°	195.1	207.0	215.2	231.4	247.2	258.6	268.3	276.9	278.8	279.9	278.5	281.6	289.1
22,5°	206.7	223.1	238.2	256.5	275.4	289.6	298.9	309.0	313.5	307.5	303.6	305.9	310.6
25,0°	217.3	238.7	261.6	285.0	304.1	321.3	330.9	339.9	339.8	328.5	325.0	328.2	331.9
27,5°	228.8	250.7	274.0	293.6	315.7	338.7	353.6	358.1	355.9	348.8	344.1	344.8	350.5
30,0°	234.6	257.8	285.1	320.9	339.6	353.2	369.3	375.8	373.0	369.3	367.3	365.9	370.3
32,5°	242.0	270.2	304.2	333.4	352.5	376.1	390.9	394.3	396.6	397.3	390.7	385.7	391.9
35,0°	252.5	278.7	309.9	339.3	362.7	383.0	387.6	394.2	399.9	400.7	399.8	396.9	399.9
37,5°	257.0	286.3	319.3	345.7	364.5	385.4	398.4	404.7	404.4	401.3	397.7	392.9	395.0
40,0°	268.1	303.0	333.2	354.8	372.0	393.7	405.0	408.1	406.8	400.0	392.0	388.4	386.3
42,5°	276.8	303.3	345.9	364.5	386.3	410.9	422.9	418.4	406.0	399.1	394.1	388.4	385.1
45,0°	290.4	314.6	356.8	380.0	395.0	419.0	427.9	425.9	414.6	410.1	393.1	372.1	367.5
47,5°	289.2	326.3	371.3	392.9	417.2	442.3	443.9	426.0	419.5	419.4	386.4	347.8	344.4
50,0°	308.9	351.5	380.8	400.6	415.9	441.5	454.5	442.7	420.7	400.5	372.2	341.7	317.5
52,5°	317.5	363.9	397.1	416.9	429.8	452.2	458.6	430.6	406.6	377.8	343.7	306.5	283.0
55,0°	297.2	367.5	434.3	472.6	481.5	479.0	482.2	456.7	420.1	362.3	306.7	278.1	254.3
57,5°	296.7	377.7	467.0	532.9	541.4	531.2	516.3	481.5	423.8	352.9	292.5	256.9	237.1
60,0°	327.7	424.7	532.9	609.7	616.7	592.2	550.6	499.9	432.9	346.5	293.2	258.0	225.8
62,5°	346.5	437.1	534.0	615.5	645.4	626.7	593.0	540.4	447.6	365.5	288.9	243.1	205.4
65,0°	361.3	424.1	506.1	591.1	631.1	636.8	634.3	563.0	463.4	371.8	274.1	220.4	189.1
67,5°	381.4	477.6	556.3	606.9	631.1	633.1	615.9	557.5	460.5	362.5	264.1	205.0	170.7
70,0°	371.2	512.4	641.5	645.0	638.4	620.8	567.0	510.7	428.4	345.5	245.1	184.7	151.5
72,5°	374.2	517.9	648.5	661.5	637.8	577.5	495.2	442.1	393.8	335.5	234.2	125.1	75.1
75,0°	347.7	473.1	561.8	587.5	559.1	469.3	379.1	352.4	316.6	217.7	99.9	32.0	9.7
77,5°	231.6	318.2	373.2	380.7	345.4	305.4	256.2	200.5	115.3	39.5	8.3	0.0	0.0
80,0°	101.0	138.7	164.6	167.3	147.4	125.6	89.2	36.7	6.9	0.0	0.0	0.0	0.0
82,5°	20.5	26.6	30.7	35.4	36.7	24.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0
85,0°	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

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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°	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5
2,5°	144.8	144.1	144.5	144.0	142.6	142.1	133.5	131.6	129.3	126.9	125.2	124.6	123.8
5,0°	158.2	157.8	158.6	158.1	156.5	155.6	133.0	130.2	125.9	121.7	119.4	118.0	114.8
7,5°	178.7	179.4	181.1	183.4	185.1	186.9	132.9	129.1	124.4	119.7	116.9	115.9	112.8
10,0°	205.7	209.9	211.3	215.8	220.4	220.8	140.7	137.8	133.5	127.5	121.9	117.7	111.5
12,5°	232.7	236.3	237.8	243.2	249.0	250.1	154.5	145.0	136.9	127.7	121.4	117.1	113.6
15,0°	261.2	261.9	264.6	264.9	265.0	266.5	160.7	148.9	138.6	128.1	120.8	113.7	107.5
17,5°	277.5	280.8	283.9	286.2	285.1	286.2	166.3	155.1	143.7	133.1	121.5	111.5	104.3
20,0°	298.0	303.4	307.6	308.4	304.5	306.5	178.5	161.6	148.0	134.3	118.9	109.4	102.2
22,5°	320.7	328.0	334.6	335.8	333.1	333.4	182.1	163.0	145.8	129.8	117.7	105.7	95.7
25,0°	338.4	346.6	350.8	353.0	353.2	352.4	190.0	168.2	148.2	127.8	111.4	98.7	90.7
27,5°	359.7	366.9	370.6	377.0	383.3	384.8	200.1	173.4	144.1	121.3	106.9	93.9	79.2
30,0°	375.7	381.5	390.6	401.2	407.5	408.3	205.1	174.8	140.7	117.5	99.7	85.4	71.7
32,5°	393.6	392.0	404.9	419.2	418.6	412.3	207.4	171.7	136.9	113.1	95.0	80.0	69.1
35,0°	404.5	402.8	409.9	423.8	420.5	413.2	213.2	170.1	133.3	106.3	88.2	76.3	67.6
37,5°	399.5	403.3	410.9	416.6	412.9	408.1	213.8	171.6	130.0	99.6	82.1	71.8	65.5
40,0°	386.3	392.3	396.4	395.6	396.2	397.4	217.2	175.9	133.0	100.6	81.7	68.4	61.2
42,5°	386.4	382.6	367.3	363.4	362.2	359.2	228.1	176.0	122.2	89.8	74.3	61.1	55.4
45,0°	365.8	359.0	351.7	346.0	334.0	330.8	235.4	171.4	108.4	76.4	69.0	58.8	52.0
47,5°	342.4	323.4	311.8	307.1	297.3	297.4	228.3	158.8	93.8	69.4	63.7	55.9	47.6
50,0°	302.7	287.1	278.3	268.0	258.2	259.5	230.0	147.2	75.7	63.0	57.4	50.4	44.1
52,5°	267.1	256.9	246.3	226.1	218.2	219.8	221.6	132.2	65.8	55.3	48.9	43.5	41.7
55,0°	236.1	223.9	208.7	185.6	183.8	190.1	211.1	127.7	62.2	48.9	42.9	40.1	39.1
57,5°	214.9	185.4	166.0	156.8	153.2	155.2	215.4	136.8	71.9	47.9	41.8	36.8	35.6
60,0°	190.0	155.2	132.8	126.9	120.0	116.8	227.3	144.6	76.8	52.7	46.0	38.9	36.5
62,5°	169.1	132.8	109.1	99.1	89.9	86.8	251.8	153.0	72.6	48.8	41.4	37.5	34.4
65,0°	151.1	114.6	84.7	75.2	69.3	67.5	262.0	156.1	66.1	44.4	40.7	36.8	31.7
67,5°	135.0	94.0	68.0	57.8	53.7	51.9	261.8	147.7	56.2	43.0	38.7	36.4	32.8
70,0°	105.8	62.0	38.0	27.3	24.7	24.3	246.4	137.3	52.4	40.5	36.3	34.4	34.0
72,5°	39.1	15.5	7.3	4.1	3.5	3.4	247.9	137.3	48.9	40.1	34.9	31.0	31.9
75,0°	0.8	0.0	0.0	0.0	0.0	0.0	221.1	119.2	39.4	37.2	34.1	29.4	28.2
77,5°	0.0	0.0	0.0	0.0	0.0	0.0	144.4	78.3	25.0	25.1	25.2	20.5	15.8
80,0°	0.0	0.0	0.0	0.0	0.0	0.0	62.8	34.1	12.2	12.0	10.8	6.6	2.1
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	13.0	6.8	2.7	2.6	1.8	0.7	0.0
85,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		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°	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	130.5	0.2	0.2
2,5°	122.7	120.0	117.8	117.0	116.9	114.6	112.3	113.9	114.3	113.7	114.7	1.6	1.8
5,0°	111.7	109.2	107.6	107.8	107.6	106.4	106.8	106.6	106.1	106.5	106.6	3.2	5.0
7,5°	109.8	108.4	104.8	100.5	98.9	96.9	95.7	96.6	96.1	97.0	99.1	5.0	10.0
10,0°	107.0	105.7	103.6	102.1	100.6	98.1	97.2	93.4	87.9	86.3	86.3	7.1	17.1
12,5°	108.9	103.0	100.0	97.9	96.7	94.5	92.5	90.1	87.2	86.9	87.7	9.5	26.6
15,0°	102.9	98.9	93.7	89.9	86.2	83.4	81.8	80.9	80.2	81.1	82.5	12.0	38.6
17,5°	97.9	92.0	87.4	83.5	79.7	75.4	71.2	70.8	70.5	69.2	68.3	14.5	53.1
20,0°	94.0	88.2	83.8	80.3	77.8	74.4	69.6	64.6	60.5	58.6	57.5	17.5	70.6
22,5°	87.7	80.7	77.3	76.3	74.7	70.4	67.8	65.8	63.3	59.0	57.3	20.8	91.4
25,0°	82.5	75.7	71.0	69.8	66.1	61.6	60.8	59.7	57.3	56.8	57.3	24.1	115.5
27,5°	74.4	72.4	69.4	66.4	61.7	58.7	57.3	57.1	56.9	55.4	54.9	27.4	142.9
30,0°	64.9	65.9	63.6	59.1	58.8	59.6	58.4	57.0	54.2	52.0	52.1	30.7	173.6
32,5°	64.8	61.8	58.4	57.3	57.7	56.3	53.8	53.2	53.4	55.5	57.3	34.1	207.7
35,0°	62.9	58.8	54.5	54.8	56.4	52.9	48.3	48.1	53.0	56.5	56.7	36.7	244.4
37,5°	60.6	57.7	54.8	53.1	52.5	52.4	51.6	49.2	49.3	50.9	51.0	38.9	283.3
40,0°	57.8	54.5	53.2	51.0	47.8	47.5	49.6	50.7	50.8	48.8	46.9	40.9	324.2
42,5°	54.2	51.8	48.1	46.9	46.8	48.5	49.4	49.8	49.9	48.7	48.0	42.5	366.7
45,0°	52.0	50.5	45.3	46.0	48.5	46.7	50.3	53.4	49.4	48.0	49.1	44.0	410.7
47,5°	44.6	45.0	44.6	44.1	42.0	42.4	45.4	48.7	46.6	46.2	50.1	44.6	455.3
50,0°	42.7	41.3	41.0	44.4	43.6	41.8	43.7	45.3	45.4	47.0	49.3	44.9	500.3
52,5°	42.8	40.1	37.4	40.8	42.8	41.7	39.9	41.4	43.3	44.0	43.9	44.4	544.7
55,0°	39.5	36.8	37.5	39.4	39.1	38.7	37.6	37.9	37.9	37.7	37.2	44.9	589.6
57,5°	37.9	36.2	36.2	35.3	34.2	35.0	34.5	34.9	36.1	36.4	36.3	46.4	636.0
60,0°	36.1	36.7	35.0	31.8	29.8	29.4	31.0	31.5	31.8	32.4	33.0	49.2	685.2
62,5°	31.2	33.6	34.9	30.3	27.4	26.1	26.3	27.8	28.2	27.2	26.2	50.5	735.7
65,0°	29.9	30.4	30.5	26.2	23.6	22.4	21.6	22.8	25.2	25.6	24.1	50.4	786.1
67,5°	30.4	27.7	24.1	21.8	21.1	20.1	18.3	18.6	21.4	21.9	20.8	50.7	836.8
70,0°	32.0	26.4	22.3	18.3	17.7	16.6	13.9	12.3	12.1	11.4	10.9	49.4	886.2
72,5°	29.0	24.5	20.6	12.7	7.4	6.2	4.3	2.6	1.9	1.7	1.6	45.6	931.7
75,0°	24.1	16.9	8.6	3.1	0.8	0.2	0.0	0.0	0.0	0.0	0.0	36.5	968.3
77,5°	10.3	3.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.7	990.0
80,0°	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	998.4
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1000.0
85,0°	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
87,5°	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
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

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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2MC1F08GE EAN: 4069025076731	LP-Nummer 59453_273
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	3600	23.7	24.3	24.0
95	241	252	3416	22.4	23.1	22.8
90	229	250	3246	21.3	21.9	21.6
85	216	248	3061	20.0	20.6	20.3
80	203	246	2877	18.9	19.4	19.2
75	190	243	2693	17.7	18.2	18.0
70	178	241	2523	16.5	17.0	16.8
65	165	238	2339	15.4	15.8	15.6
60	152	235	2154	14.3	14.6	14.4
55	140	232	1984	13.1	13.5	13.3
50	127	229	1800	12.0	12.3	12.2
45	114	225	1616	10.9	11.1	11.0
40	102	221	1446	9.9	10.2	10.0
35	89	216	1261	8.8	9.0	8.9
30	76	210	1077	7.7	7.9	7.8
25	63	203	893	6.6	6.8	6.7
20	51	195	723	5.6	5.8	5.7
15	38	184	539	4.6	4.7	4.6
13	33	179	468	4.1	4.2	4.2