

Lichttechnischer Prüfbefund

Familie
Streetlight 11 micro LED

Bestell-Nr.: 5XC1MC1F08DE
EAN: 4069025076441

LP-Nummer
59453_346



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	direkt, asymmetrisch breit strahlend S100001
Abdeckung	klar, PMMA
Bestückung	LED 2700 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Einstellung	indiv. Einstellung
Bemessungswerte	Nettolichtstrom = 3220 lm Systemleistung = 26.8 W Lichtausbeute = 120.1 lm/W

Seriendokumentation
22.05.2024

siteco

Lichtstärke in cd/klm

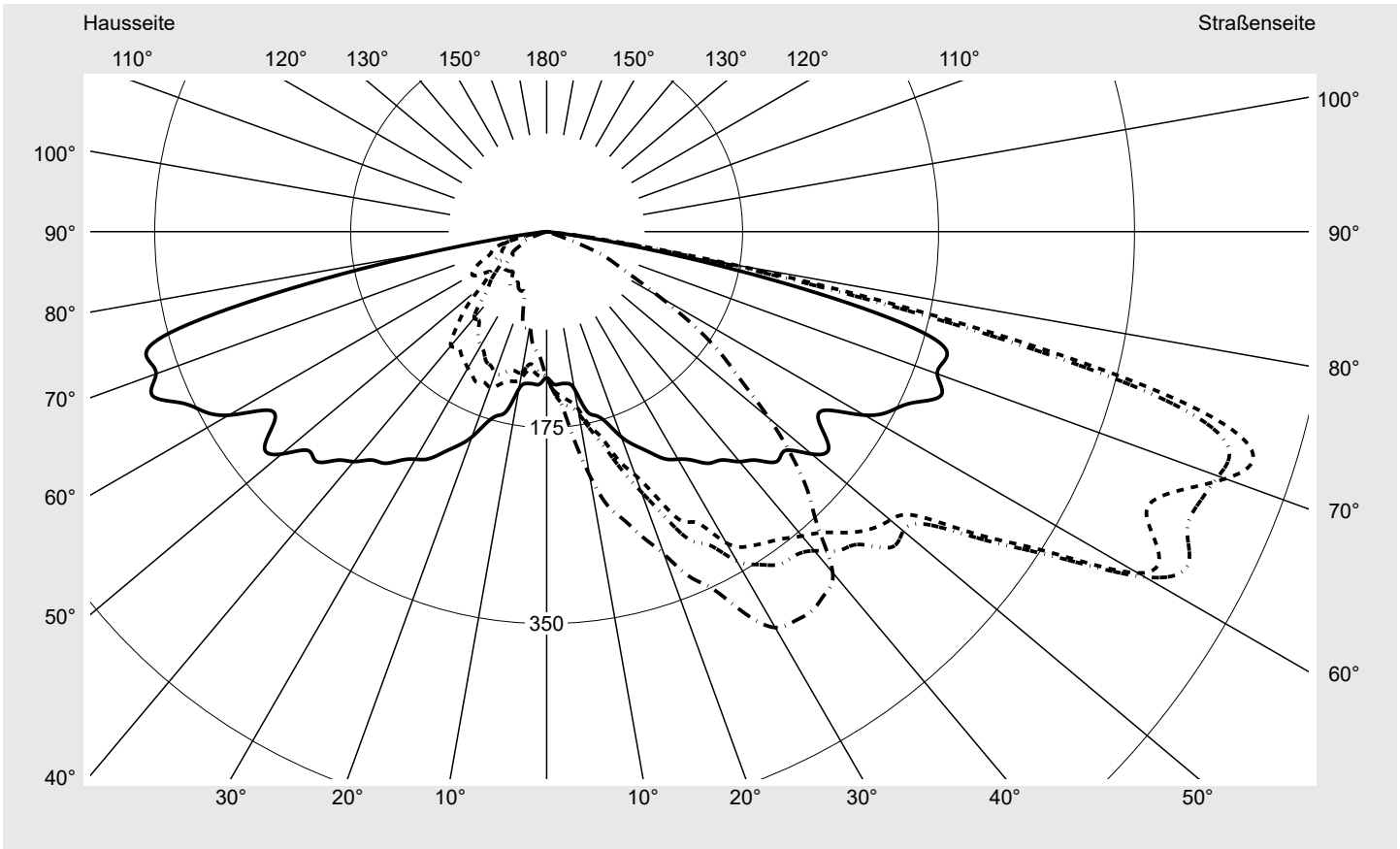
C180-0

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

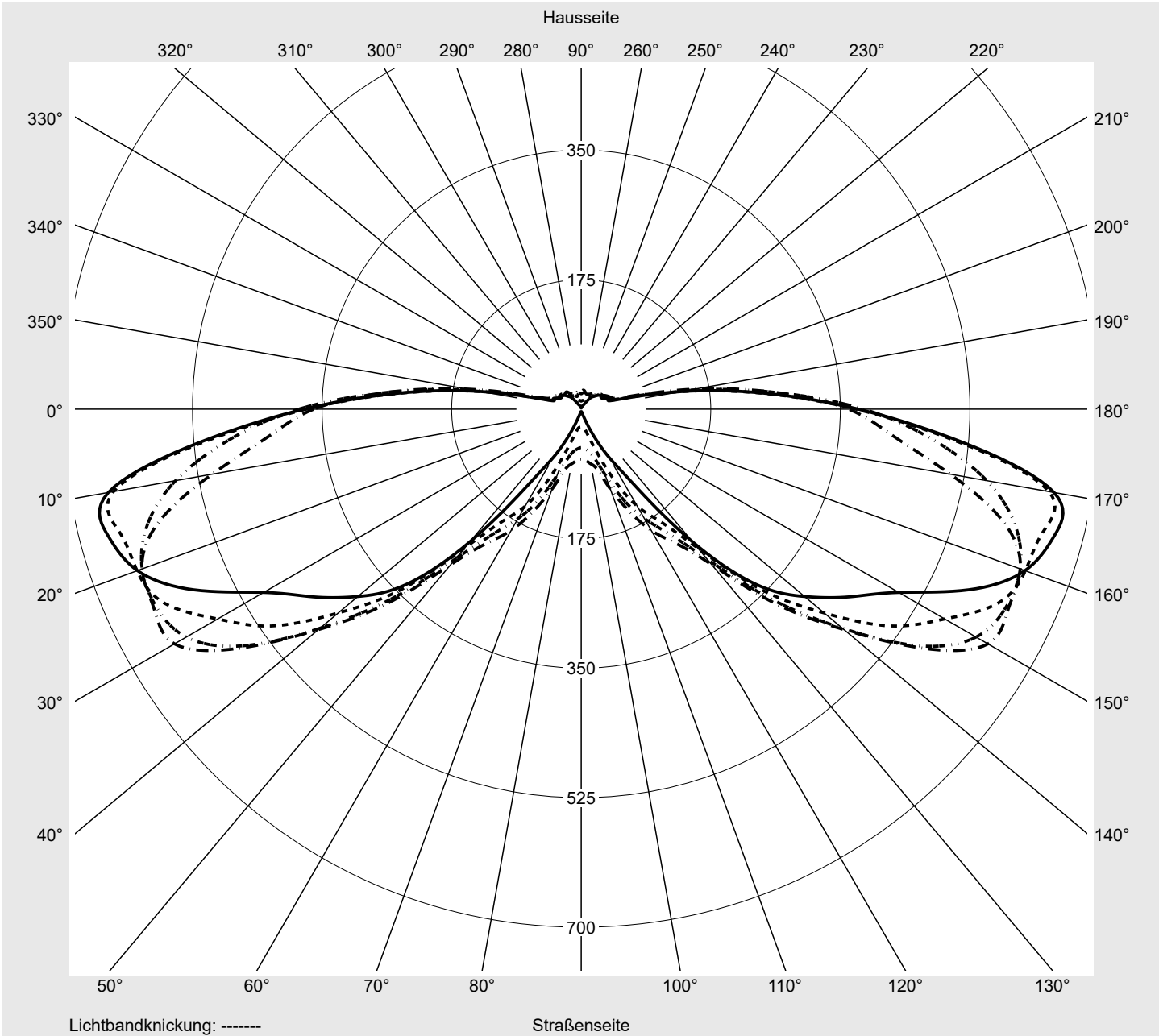
Messbedingungen

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 micro LED	Bestell-Nr.: 5XC1MC1F08DE EAN: 4069025076441	LP-Nummer 59453_346
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 micro LED	Bestell-Nr.: 5XC1MC1F08DE EAN: 4069025076441	LP-Nummer 59453_346
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	3220	26.8	27.3	27.0
95	241	252	3055	25.2	25.7	25.4
90	229	250	2903	23.8	24.3	24.0
85	216	248	2738	22.3	22.8	22.6
80	203	246	2573	20.9	21.3	21.1
75	190	243	2409	19.4	19.8	19.6
70	178	241	2257	18.1	18.5	18.3
65	165	238	2092	16.7	17.1	16.9
60	152	235	1927	15.4	15.7	15.6
55	140	232	1775	14.2	14.4	14.3
50	127	229	1610	12.9	13.1	13.0
45	114	225	1445	11.7	11.8	11.8
40	102	221	1293	10.4	10.6	10.5
35	89	216	1128	9.3	9.5	9.4
30	76	210	963	8.1	8.2	8.1
25	63	203	799	6.9	7.0	7.0
20	51	195	647	5.9	6.0	6.0
15	38	184	482	4.9	4.9	4.9
13	34	180	431	4.5	4.6	4.6