

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2MC1F08GE
EAN: 4069025076731

LP-Nummer
59453_272



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	direkt, asymmetrisch breit strahlend S100001
Abdeckung	klar, PMMA
Bestückung	LED 3000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Einstellung	Werkseinstellung
Bemessungswerte	Nettolichtstrom = 3460 lm Systemleistung = 24.9 W Lichtausbeute = 139 lm/W

Seriendokumentation
25.04.2024

siteco

Lichtstärke in cd/klm

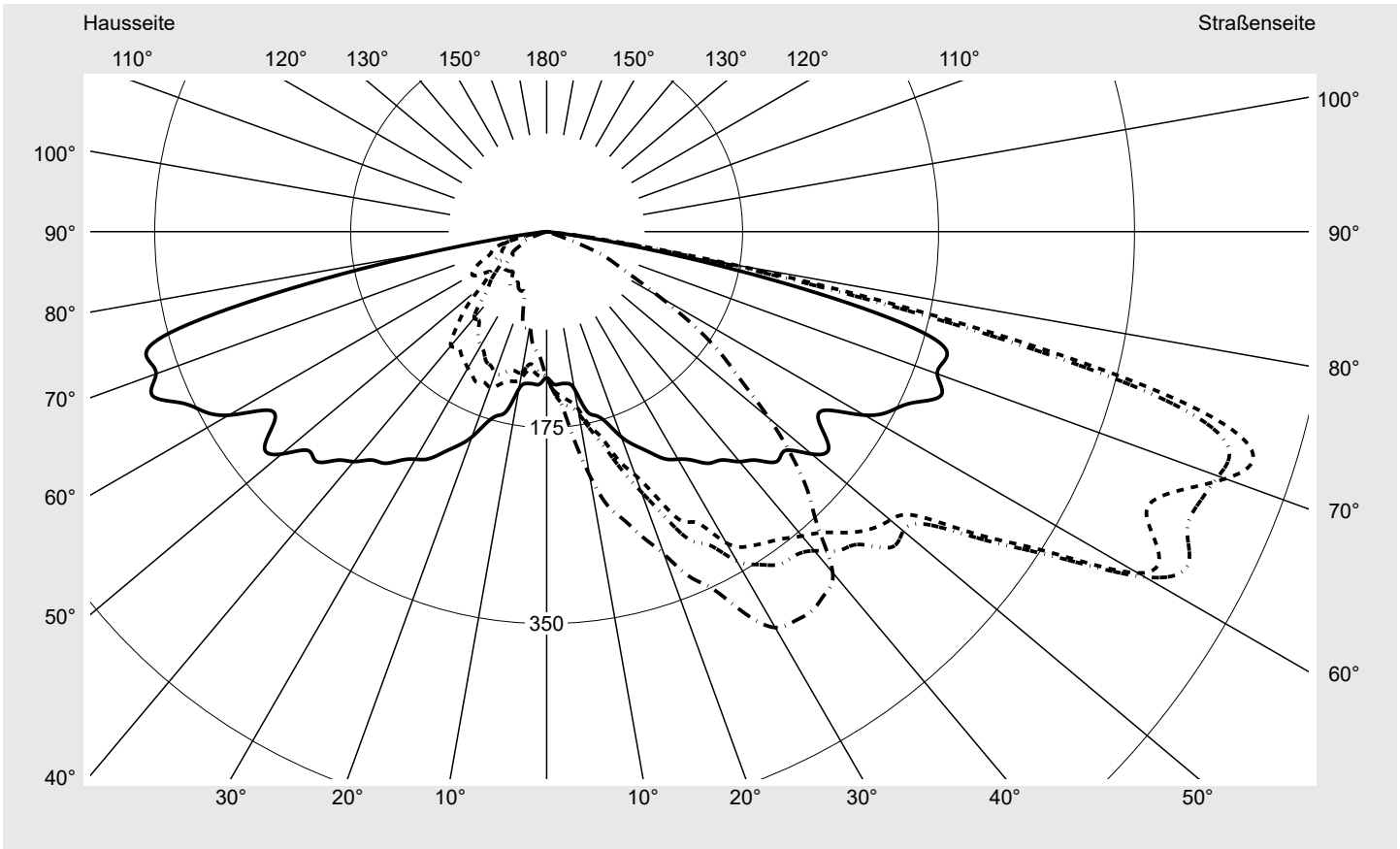
C180-0

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

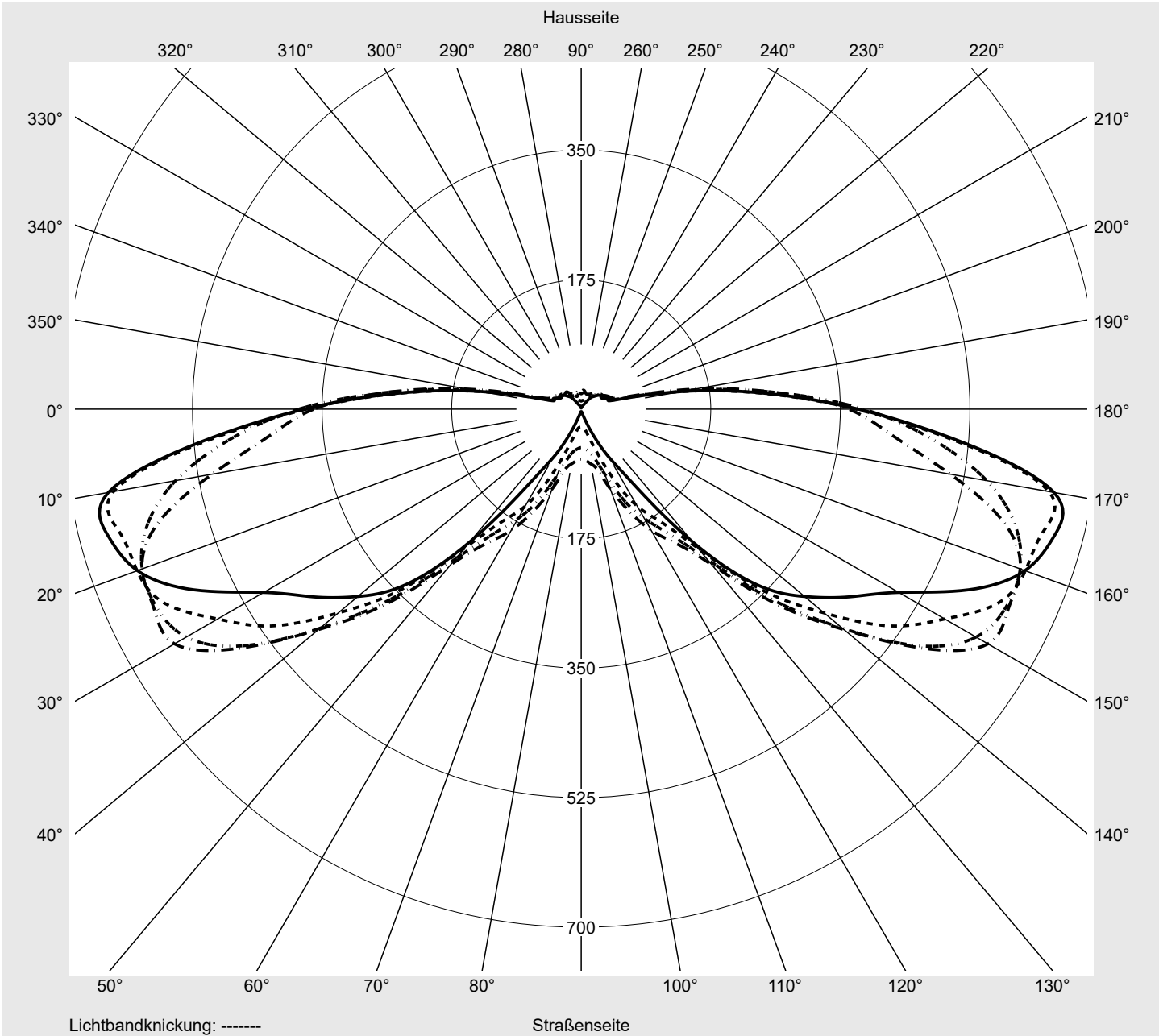
Messbedingungen

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_272
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_272
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	3460	24.9	25.7	25.3
95	241	252	3283	23.6	24.3	24.0
90	229	250	3119	22.4	23.1	22.8
85	216	248	2942	21.2	21.7	21.4
80	203	246	2765	19.9	20.5	20.2
75	190	243	2588	18.7	19.2	19.0
70	178	241	2425	17.5	18.0	17.8
65	165	238	2248	16.3	16.7	16.5
60	152	235	2071	15.1	15.5	15.3
55	140	232	1907	14.0	14.3	14.2
50	127	229	1730	12.8	13.1	13.0
45	114	225	1553	11.6	11.9	11.8
40	102	221	1389	10.6	10.9	10.8
35	89	216	1212	9.4	9.6	9.5
30	76	210	1035	8.2	8.4	8.3
25	63	203	858	7.1	7.3	7.2
20	51	195	695	6.1	6.2	6.2
15	38	184	518	4.9	5.0	5.0
11	29	175	395	4.0	4.1	4.0