

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2M41F08GE
EAN: 4058352558393

LP-Nummer
59453_75



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, extrem breit strahlend (ST1.0a)
Abdeckung	klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 3600 lm Systemleistung = 22.7 W Lichtausbeute = 158.6 lm/W

Seriendokumentation
28.09.2023

siteco

Lichtstärke in cd/klm

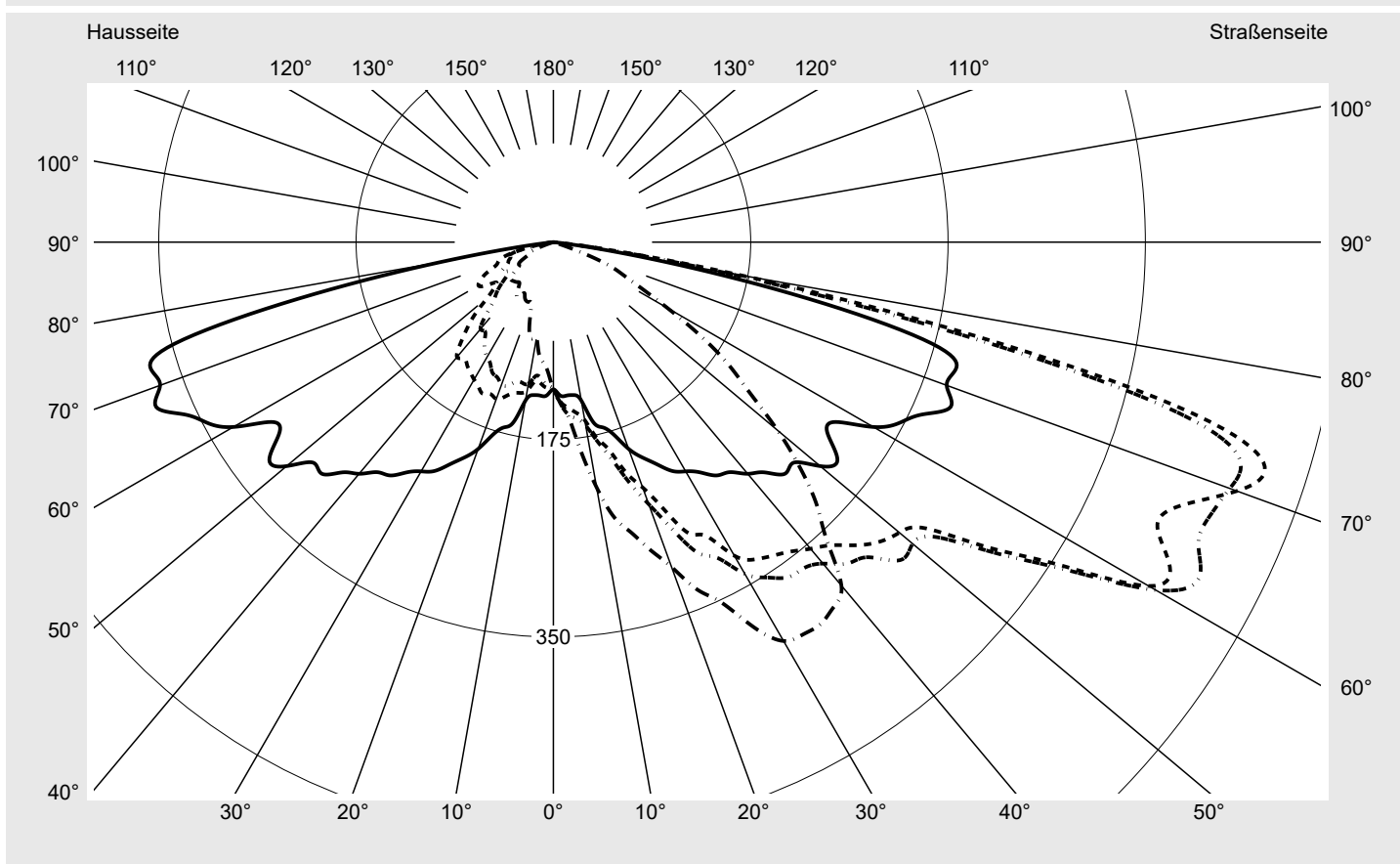
C180-0

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

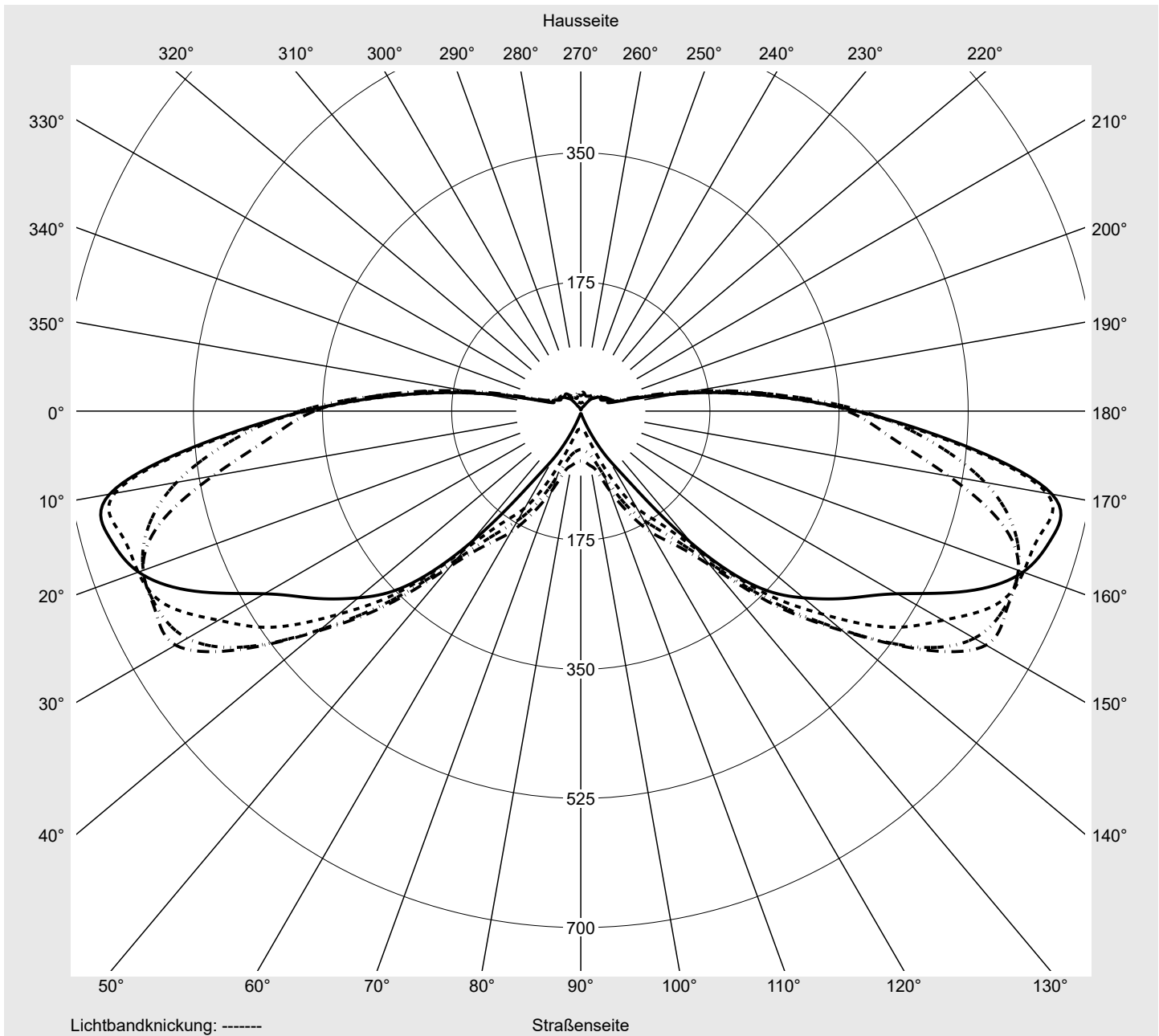
Messbedingungen

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.: 5XC2M41F08GE EAN: 4058352558393	LP-Nummer 59453_75
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.: 5XC2M41F08GE EAN: 4058352558393	LP-Nummer 59453_75
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	22.7	23.4	23.0
95	241	252	3416	21.6	22.2	21.9
90	229	250	3246	20.5	21.0	20.8
85	216	248	3061	19.3	19.9	19.6
80	203	246	2877	18.2	18.7	18.4
75	190	243	2693	17.0	17.5	17.2
70	178	241	2523	15.9	16.4	16.2
65	165	238	2339	14.9	15.2	15.0
60	152	235	2154	13.7	14.1	13.9
55	140	232	1984	12.7	13.0	12.8
50	127	229	1800	11.6	11.9	11.8
45	114	225	1616	10.5	10.8	10.6
40	102	221	1446	9.5	9.8	9.6
35	89	216	1261	8.4	8.6	8.5
30	76	210	1077	7.4	7.5	7.4
25	63	203	893	6.4	6.5	6.4
20	51	195	723	5.4	5.5	5.4
18	45	191	638	5.0	5.0	5.0