

Lichttechnischer Prüfbefund

Familie
Streetlight 11 micro LED

Bestell-Nr.: 5XC1BC1F08CE
EAN: 4069025076342

LP-Nummer
59318_173



Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, extrem breit strahlend (ST0.5a)
Abdeckung	klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Einstellung	indiv. Einstellung
Bemessungswerte	Nettolichtstrom = 1940 lm Systemleistung = 13.2 W Lichtausbeute = 147 lm/W

Seriendokumentation
25.04.2024

siteco

Lichtstärke in cd/klm

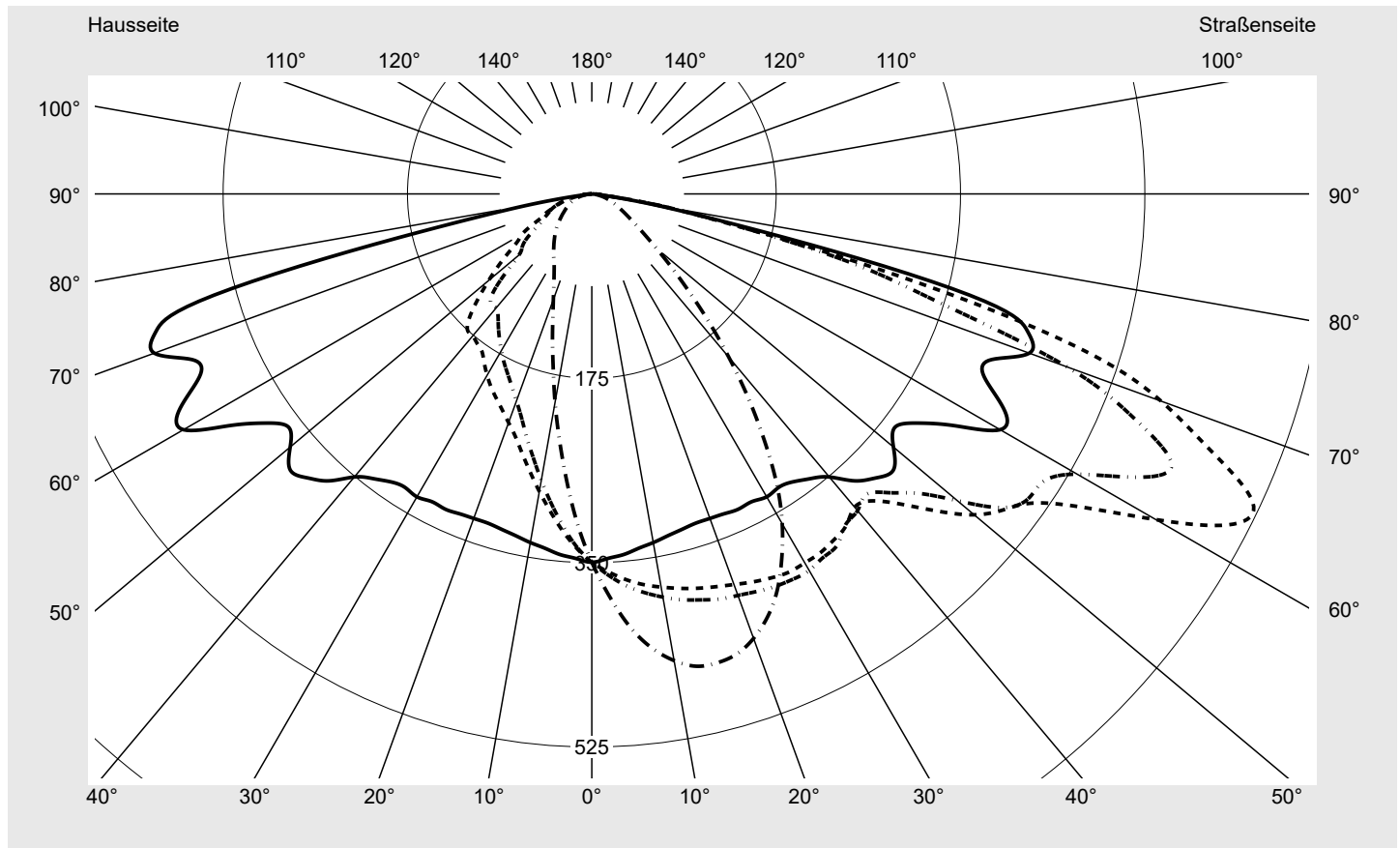
C180-0

C200-20

C205-25

C270-90

Imax: 692 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	625.9
Imax 80°	83.0
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

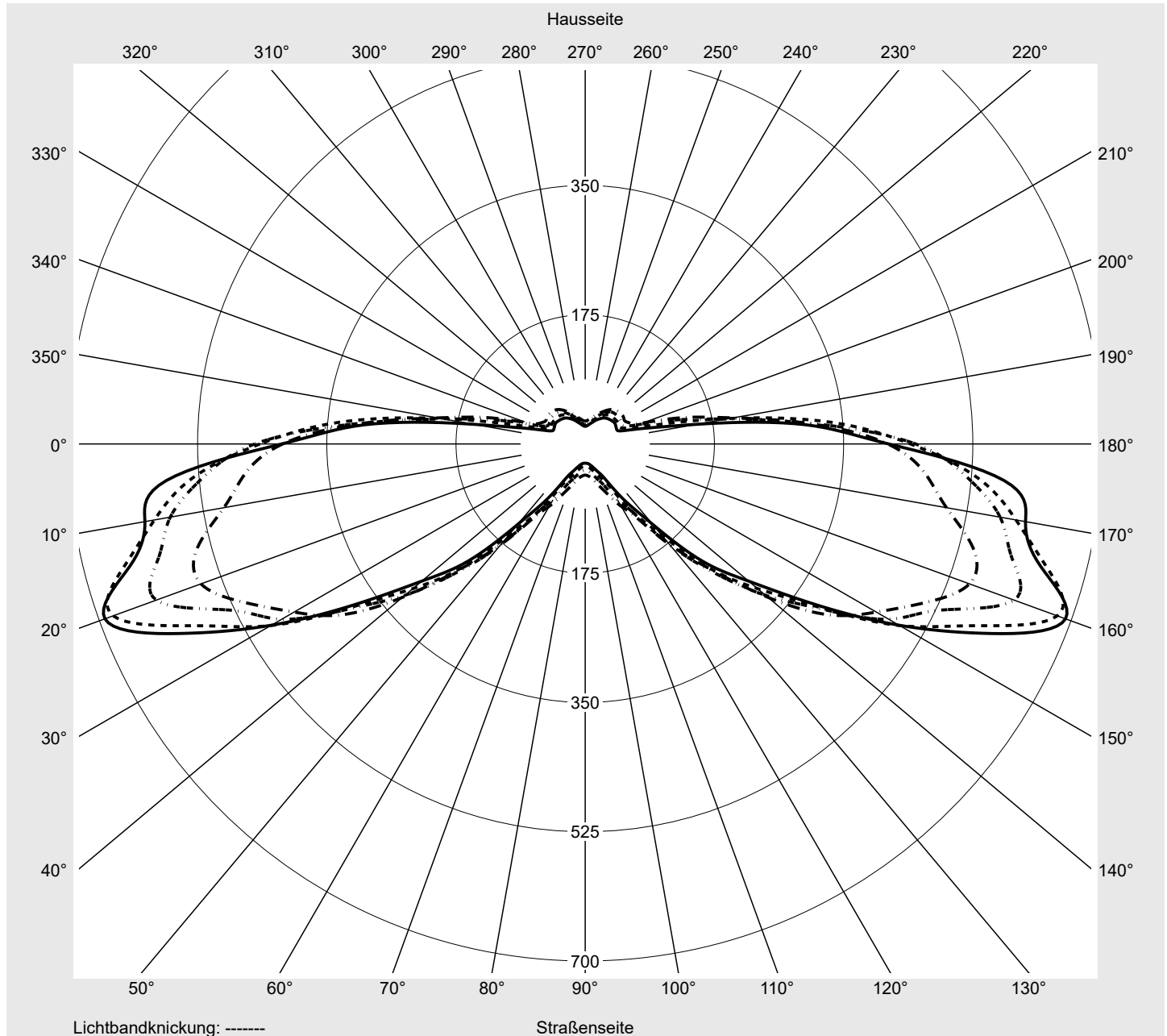
KMK 65°

KMK 62,5°

KMK 60°

KMK 57,5°

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Familie Streetlight 11 micro LED	Bestell-Nr.: 5XC1BC1F08CE EAN: 4069025076342	LP-Nummer 59318_173
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°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
2,5°	346.4	349.6	352.5	355.6	359.1	362.3	365.7	368.3	370.4	373.0	374.6	376.5	377.7
5,0°	343.7	349.5	355.4	361.4	367.3	373.2	379.3	384.2	389.4	393.9	397.5	401.2	403.7
7,5°	339.3	347.9	356.6	365.3	374.0	381.6	389.6	396.7	403.5	409.5	414.5	419.1	422.7
10,0°	336.1	347.6	358.5	368.8	378.9	388.6	397.8	406.7	414.0	421.1	427.2	432.1	436.4
12,5°	332.4	346.9	360.1	372.2	383.5	394.6	404.7	413.6	421.9	429.5	436.0	441.3	445.3
15,0°	329.7	346.1	361.1	375.1	387.5	398.9	409.1	418.6	426.9	434.3	439.8	445.0	448.5
17,5°	327.7	346.6	363.6	378.2	391.0	403.2	413.0	422.0	429.0	435.9	440.7	444.1	447.4
20,0°	327.8	348.5	366.7	382.0	394.6	405.6	414.5	422.7	429.0	434.0	437.7	440.1	442.2
22,5°	328.6	351.4	371.1	386.5	398.7	408.5	416.3	422.4	426.4	429.5	431.1	432.2	432.2
25,0°	330.0	353.9	374.6	390.4	402.2	411.2	417.2	421.5	422.5	422.4	421.0	419.7	417.9
27,5°	329.2	355.3	376.7	393.2	404.8	412.6	417.4	418.9	416.6	412.7	408.4	403.2	398.9
30,0°	332.0	357.6	377.2	392.6	404.4	412.7	415.4	414.5	410.0	402.0	393.4	384.1	376.1
32,5°	330.3	355.7	377.8	395.1	403.8	409.0	411.6	407.9	400.0	388.7	376.1	362.7	350.9
35,0°	333.5	360.4	379.2	389.4	400.8	406.6	403.3	397.8	387.0	372.6	356.3	339.2	323.1
37,5°	340.7	359.0	375.7	391.6	396.7	395.7	397.0	383.6	370.6	353.8	334.5	314.1	294.9
40,0°	350.8	370.9	384.9	388.1	388.2	392.5	380.4	371.0	349.7	331.8	310.7	288.4	266.5
42,5°	369.4	382.5	392.4	395.9	395.2	386.4	375.9	352.4	330.3	306.0	284.3	261.6	238.7
45,0°	381.3	398.3	412.4	414.5	416.8	401.2	377.6	347.0	317.0	285.5	257.2	233.4	210.0
47,5°	388.2	413.4	432.8	440.7	445.8	420.7	394.8	353.5	305.8	272.4	237.0	205.3	183.3
50,0°	373.8	408.9	441.6	467.0	473.9	452.9	419.2	363.7	305.3	257.9	216.6	184.5	157.1
52,5°	363.2	400.3	450.6	489.7	492.6	489.2	445.0	382.0	306.8	245.3	196.9	157.3	132.9
55,0°	379.3	415.1	461.7	514.1	511.6	505.2	458.8	398.4	321.4	242.5	179.1	137.3	111.7
57,5°	409.8	462.5	496.9	543.9	553.9	508.2	455.3	403.4	323.0	240.0	177.8	122.2	97.4
60,0°	447.6	519.5	570.7	598.5	618.2	532.1	474.8	389.0	318.7	246.0	178.2	113.8	87.8
62,5°	440.6	534.6	592.5	647.7	680.4	582.3	491.8	384.6	304.7	237.6	160.7	112.9	67.2
65,0°	411.0	569.8	605.6	638.3	692.3	607.3	490.8	377.8	288.9	224.2	142.0	93.7	56.6
67,5°	410.9	569.1	586.8	628.0	635.6	557.8	440.5	356.7	283.8	204.7	125.7	67.7	43.7
70,0°	442.0	555.6	565.8	625.9	575.2	480.6	332.4	279.2	238.2	183.8	113.9	57.6	34.9
72,5°	433.7	537.3	588.0	558.6	482.4	351.9	212.6	171.4	170.7	153.5	102.6	45.2	26.7
75,0°	371.4	397.9	481.8	383.0	304.1	260.7	173.2	132.3	98.5	83.5	58.2	32.8	18.6
77,5°	168.9	238.4	205.4	158.3	144.5	144.1	120.6	97.3	71.0	56.5	28.1	20.4	13.6
80,0°	63.8	83.0	54.2	76.5	72.1	71.7	61.2	43.7	28.6	19.3	16.8	14.2	9.8
82,5°	13.4	13.1	15.5	22.1	20.5	17.2	15.0	12.9	10.3	8.6	7.7	7.0	6.2
85,0°	7.9	8.1	8.4	8.4	8.1	7.7	7.0	6.4	5.8	5.3	4.7	4.0	3.3
87,5°	4.1	4.2	4.4	4.2	4.1	4.0	3.6	3.3	3.0	2.8	2.4	1.9	1.5
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°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
2,5°	378.5	379.5	380.4	381.6	382.0	382.2	343.5	340.8	338.4	336.3	335.0	333.4	330.8
5,0°	405.6	407.4	409.2	411.0	411.9	412.1	337.1	331.3	325.5	320.7	316.1	311.3	306.5
7,5°	426.4	428.9	431.5	433.3	434.7	434.5	330.2	320.5	311.6	303.5	296.0	288.5	281.2
10,0°	439.9	443.4	446.1	448.5	449.8	449.8	323.3	310.6	298.5	286.8	276.1	266.4	256.6
12,5°	448.6	452.5	455.2	457.1	458.7	459.2	316.4	300.7	285.1	270.4	256.6	244.2	231.6
15,0°	451.7	455.3	457.5	459.5	461.0	460.7	311.3	292.0	272.7	255.2	239.0	224.0	209.9
17,5°	450.3	452.8	454.8	456.7	457.1	457.9	306.5	284.1	262.2	241.4	222.3	205.1	189.3
20,0°	444.1	445.8	446.9	448.4	448.5	449.0	304.4	279.0	254.2	231.0	209.2	189.9	172.7
22,5°	432.7	432.5	433.5	434.7	434.4	435.2	302.9	275.4	248.1	222.0	198.2	176.9	158.3
25,0°	416.7	415.4	414.7	415.6	415.7	416.0	301.7	271.7	242.5	214.3	188.8	166.2	147.0
27,5°	394.7	392.9	391.0	391.0	390.6	390.5	299.3	267.4	236.6	206.9	180.4	156.7	137.0
30,0°	370.0	365.9	363.8	362.4	361.8	361.5	298.6	261.6	228.6	198.8	171.7	148.3	128.8
32,5°	341.3	335.2	331.9	329.8	327.5	326.9	295.4	254.6	220.6	190.1	163.1	140.1	121.1
35,0°	310.0	301.2	295.1	291.2	287.1	285.5	296.0	252.1	215.2	182.1	154.6	131.7	113.8
37,5°	279.0	266.9	258.3	251.9	246.0	243.8	303.4	259.2	214.6	178.8	146.2	123.6	107.4
40,0°	247.7	232.6	220.9	211.8	205.0	202.3	303.1	260.0	210.1	176.1	141.2	119.5	101.2
42,5°	218.0	200.1	185.7	174.6	167.0	163.9	311.3	266.6	211.9	174.8	141.3	110.8	96.1
45,0°	188.3	168.7	153.2	140.2	132.3	129.3	320.6	267.8	211.5	163.2	132.8	99.0	91.1
47,5°	161.2	142.1	125.7	112.4	104.3	101.6	313.5	249.2	197.2	145.5	110.9	92.7	85.6
50,0°	136.0	117.3	101.4	89.0	81.6	79.2	299.9	224.1	169.8	127.8	90.3	84.7	80.5
52,5°	114.2	96.1	81.3	70.5	64.7	62.9	283.5	206.5	150.4	111.3	83.4	77.6	75.0
55,0°	94.4	78.5	65.6	56.9	52.5	51.1	285.4	201.3	140.7	95.7	77.0	70.0	69.0
57,5°	77.4	63.2	53.1	46.6	43.4	42.2	309.7	203.3	138.1	83.2	67.0	62.1	63.3
60,0°	63.7	51.8	44.0	39.0	36.5	35.6	312.6	194.5	125.2	76.3	57.6	56.2	57.5
62,5°	51.3	42.4	36.4	32.5	30.9	30.3	335.4	199.0	100.5	63.9	52.2	52.2	52.9
65,0°	42.1	34.9	30.3	27.5	26.3	26.1	299.1	153.0	81.3	51.9	47.0	47.9	48.9
67,5°	34.0	28.3	24.9	23.1	22.2	22.0	270.2	117.3	69.3	46.7	43.4	43.6	43.7
70,0°	27.2	22.9	20.3	19.2	18.5	18.3	266.4	101.7	64.7	39.1	39.6	39.3	38.9
72,5°	20.3	18.0	16.4	15.6	15.1	15.0	222.7	100.6	48.5	33.1	35.0	35.1	34.5
75,0°	15.6	14.0	12.9	12.2	11.9	11.9	204.4	96.9	30.3	28.2	30.1	30.5	30.0
77,5°	11.9	10.4	9.8	9.0	8.6	8.4	131.9	42.0	20.5	21.9	24.3	25.2	25.6
80,0°	8.4	7.4	6.5	6.1	5.6	5.5	55.2	23.9	14.0	15.6	17.5	18.8	19.4
82,5°	5.5	4.6	4.0	3.6	3.4	3.2	11.0	9.2	8.7	9.3	10.2	11.4	12.6
85,0°	2.8	2.4	1.9	1.8	1.6	1.5	7.1	6.2	5.5	4.9	4.4	4.0	3.8
87,5°	1.2	0.9	0.8	0.6	0.5	0.5	3.9	3.5	3.1	2.9	2.6	2.4	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

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	0.5	0.5
2,5°	328.8	326.6	324.6	322.7	320.6	319.1	317.2	316.1	314.6	313.6	313.3	4.2	4.7
5,0°	301.9	297.4	293.1	289.4	285.6	282.2	279.6	277.4	275.4	274.0	273.4	8.2	12.9
7,5°	274.3	267.7	261.9	256.5	251.6	247.2	243.4	240.4	237.7	235.8	235.4	12.1	25.0
10,0°	247.0	238.5	231.2	224.7	219.1	214.1	209.7	206.2	203.2	201.2	200.9	15.7	40.7
12,5°	220.6	210.6	202.0	194.5	188.2	182.9	178.6	174.7	171.8	170.0	169.3	19.1	59.8
15,0°	197.1	185.7	176.4	168.6	162.0	156.7	152.5	148.9	146.3	144.8	144.3	22.2	81.9
17,5°	175.6	163.5	153.7	145.8	139.3	134.3	130.2	127.0	124.6	123.2	122.9	25.0	107.0
20,0°	158.0	145.7	135.8	127.9	122.0	117.0	113.4	110.5	108.5	107.3	106.8	27.7	134.7
22,5°	142.9	130.6	120.7	113.3	107.6	103.2	99.8	97.4	95.5	94.5	94.2	30.2	164.9
25,0°	131.2	118.8	109.5	102.2	97.0	93.1	90.0	87.8	86.1	85.0	84.7	32.4	197.3
27,5°	121.4	109.5	100.1	93.5	88.6	85.1	82.2	80.2	78.7	77.8	77.4	34.3	231.5
30,0°	113.4	101.5	93.2	87.3	82.7	79.3	76.8	74.6	73.1	72.4	72.0	35.8	267.3
32,5°	106.3	95.4	87.6	82.2	78.2	74.9	72.1	70.0	68.4	67.6	67.6	36.9	304.2
35,0°	100.3	90.3	83.4	78.4	74.5	71.0	68.3	65.8	64.1	63.1	63.1	37.6	341.9
37,5°	95.5	86.9	80.6	75.8	71.7	68.0	64.8	62.3	60.4	59.2	59.0	38.1	380.0
40,0°	91.6	84.2	78.6	73.7	69.3	65.2	61.7	58.8	56.8	55.6	55.2	38.3	418.3
42,5°	87.8	82.0	77.2	72.1	67.1	62.8	58.8	55.6	53.4	52.1	51.6	38.6	456.9
45,0°	84.7	80.0	75.6	70.3	65.2	60.2	55.7	52.4	50.0	48.7	48.1	39.1	495.9
47,5°	81.4	77.8	73.7	68.4	63.0	57.5	52.6	49.2	46.7	45.1	44.4	39.4	535.4
50,0°	77.9	74.8	71.1	66.1	60.5	54.8	49.7	45.7	43.0	41.3	40.7	39.5	574.8
52,5°	73.9	71.9	68.0	63.1	57.8	52.0	46.8	42.8	39.8	37.9	37.2	39.7	614.5
55,0°	68.9	67.8	64.6	59.9	54.8	48.9	44.0	39.9	37.0	35.0	34.1	40.5	655.0
57,5°	63.4	62.6	60.5	56.5	51.2	45.9	41.2	37.1	34.1	31.9	31.1	41.9	696.9
60,0°	58.0	57.4	56.2	52.7	47.5	42.6	38.2	34.5	31.4	29.3	28.6	44.1	741.0
62,5°	52.4	52.0	50.9	48.0	43.6	39.2	35.1	31.5	28.8	26.8	26.1	45.4	786.4
65,0°	48.1	46.8	45.2	42.9	39.3	35.9	32.0	28.9	26.3	24.6	23.9	44.7	831.2
67,5°	43.3	41.9	39.9	37.0	34.7	32.1	29.2	26.5	24.0	22.3	21.7	42.4	873.6
70,0°	38.3	36.8	35.1	32.0	30.0	28.4	26.5	24.0	21.7	20.1	19.5	39.3	912.9
72,5°	33.5	32.5	30.4	27.7	26.0	24.8	23.3	21.2	19.1	17.7	17.2	34.1	947.1
75,0°	29.2	28.2	26.5	24.1	22.3	20.8	19.7	18.0	16.2	14.8	14.5	26.1	973.2
77,5°	25.1	24.6	22.6	20.4	18.7	17.2	15.8	14.8	13.3	11.9	11.4	14.9	988.0
80,0°	19.5	20.1	18.9	16.7	15.2	13.7	12.4	11.1	9.8	8.6	8.2	7.2	995.3
82,5°	12.6	12.9	13.0	12.5	11.6	10.3	8.9	7.5	6.1	5.3	5.0	2.8	998.1
85,0°	3.9	4.4	5.0	5.6	5.6	5.5	4.8	3.7	2.9	2.4	2.2	1.3	999.4
87,5°	1.9	1.7	1.4	1.2	0.9	0.8	0.8	0.7	0.3	0.2	0.2	0.6	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.: 5XC1BC1F08CE EAN: 4069025076342	LP-Nummer 59318_173
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	1940	13.2	13.4	13.3
95	241	252	1841	12.5	12.7	12.6
90	229	250	1749	11.9	12.1	12.0
85	216	248	1650	11.3	11.4	11.4
80	203	246	1550	10.6	10.8	10.7
75	190	243	1451	10.0	10.2	10.1
70	178	241	1360	9.4	9.6	9.5
65	165	238	1260	8.7	8.9	8.8
60	152	235	1161	8.1	8.2	8.1
55	140	232	1069	7.7	7.8	7.8
50	127	229	970	7.2	7.3	7.2
45	114	225	871	6.6	6.7	6.6
40	102	221	779	6.0	6.1	6.0
35	89	216	680	5.4	5.5	5.4
30	76	210	580	4.8	4.8	4.8
25	63	203	481	4.3	4.3	4.3
22	56	199	428	3.9	4.0	4.0