

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2J51G08HE
EAN: 4058352991374

LP-Nummer
59351_101



Ausführung Mastansatz- / Mastaufsatzmontage
Optik asymmetrisch, extrem breit strahlend mit zusätzlichem rückwärtigen Lichtanteil (ST1.0ST0.5)
Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ - DALI2
Bemessungswerte Nettolichtstrom = 8240 lm
 Systemleistung = 58.6 W
 Lichtausbeute = 140.6 lm/W

Seriendokumentation
13.11.2023

siteco

Lichtstärke in cd/klm

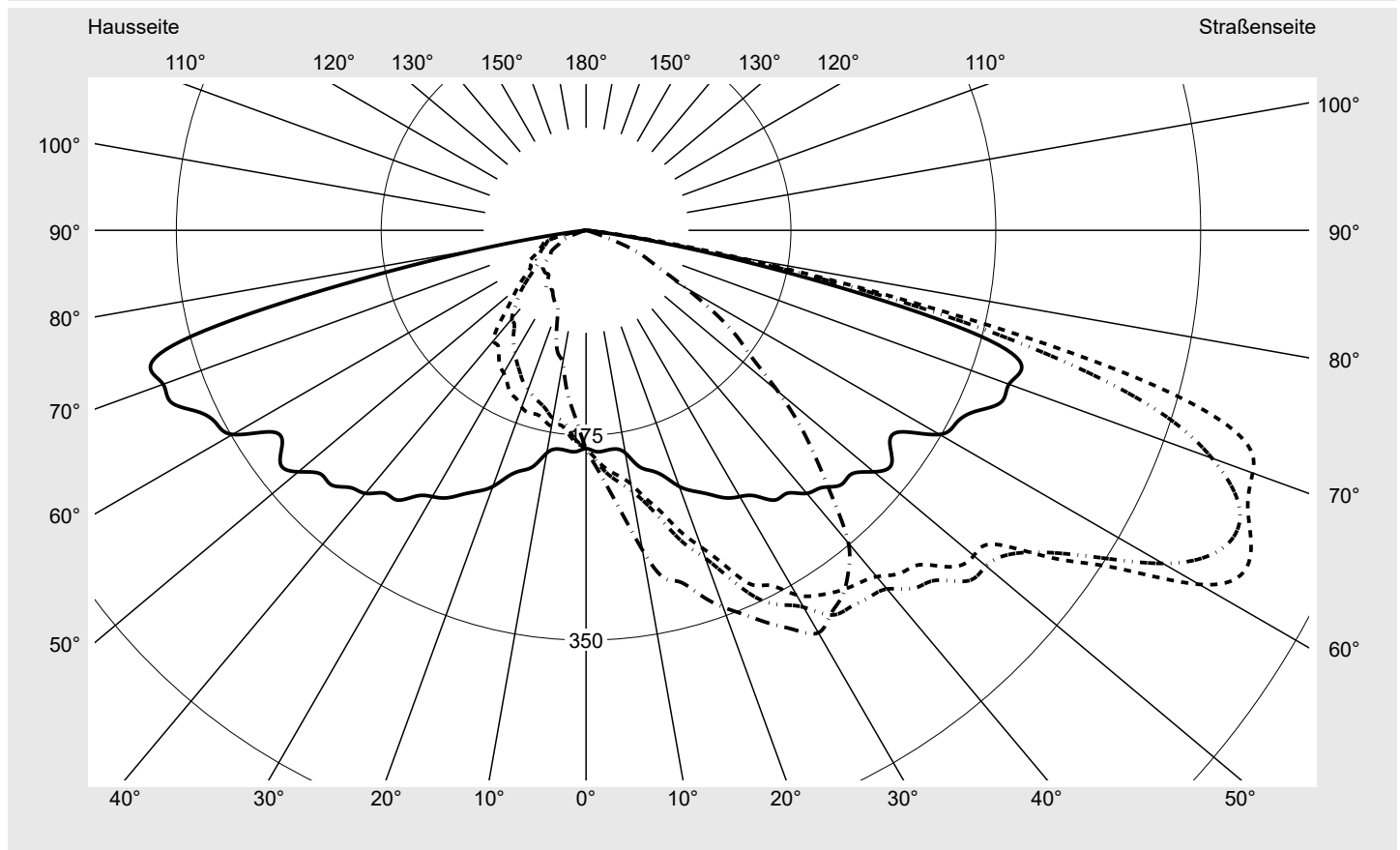
C180-0

C200-20

C205-25

C270-90

Imax: 633 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G2
 Imax 70° 629.2
 Imax 80° 139.7
 Imax 90° 0.0
 Imax >90° 0.0
 Imax >95° 0.0

Messbedingungen

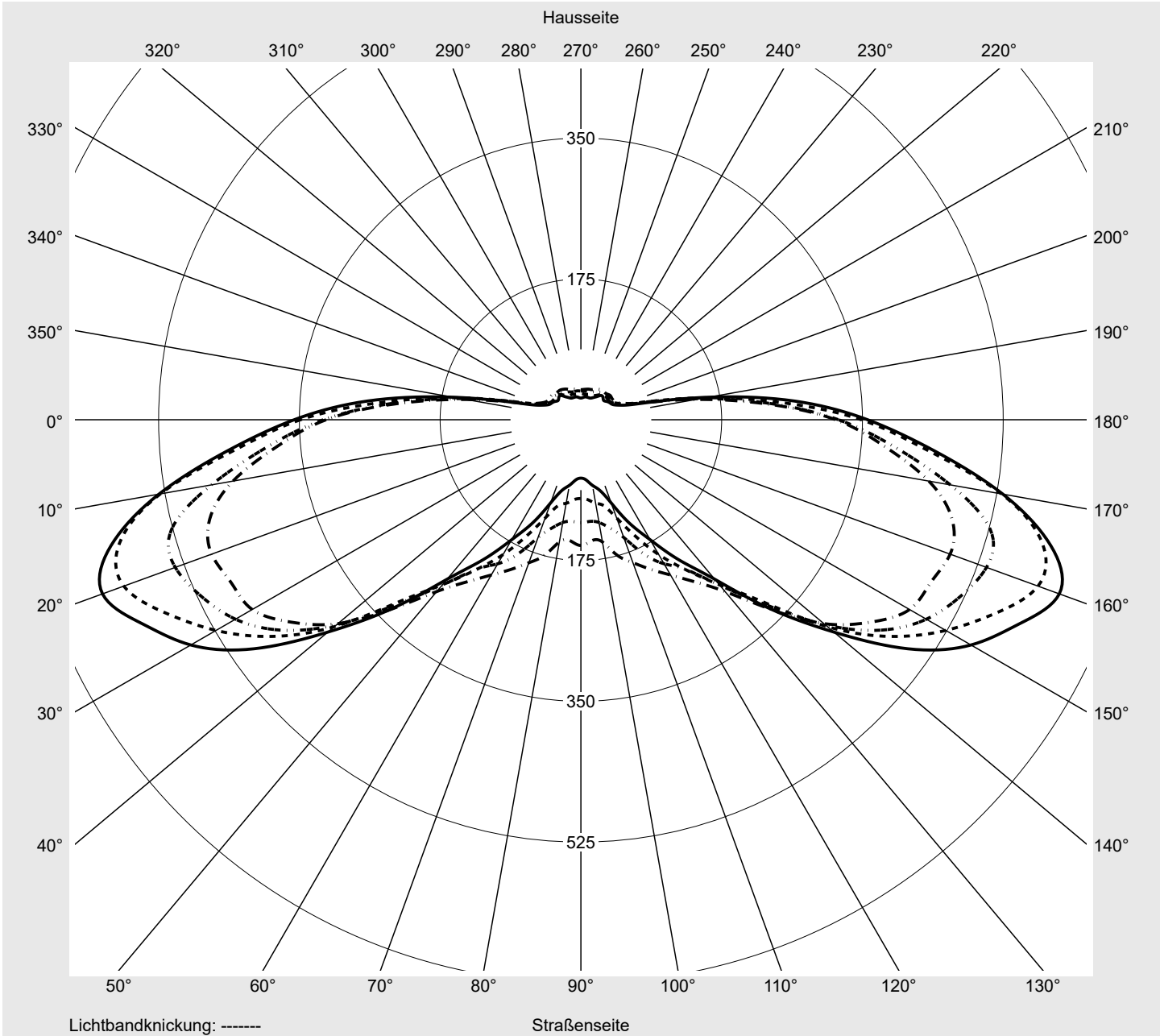
DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 62,5°** **KMK 60°** **KMK 57,5°** **KMK 55°**



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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51G08HE EAN: 4058352991374	LP-Nummer 59351_101
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°	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4
2,5°	189.1	190.8	192.7	194.2	195.7	197.2	198.8	199.9	200.6	201.1	201.8	202.5	202.8
5,0°	188.9	193.0	197.2	201.2	204.8	208.6	212.0	214.5	216.9	219.2	220.0	220.3	221.0
7,5°	188.4	193.0	199.3	205.4	211.4	217.1	223.0	227.3	229.9	231.8	232.7	234.3	237.2
10,0°	193.1	198.8	206.8	213.9	219.9	226.4	232.6	239.3	244.2	249.3	254.5	257.4	260.7
12,5°	206.1	214.5	220.8	229.0	234.2	239.5	247.4	255.4	263.7	269.7	275.8	281.1	282.8
15,0°	212.4	223.0	233.6	241.8	249.4	259.1	265.4	271.2	278.7	287.0	296.3	302.5	306.5
17,5°	220.0	234.8	248.9	260.3	270.3	281.0	287.0	292.5	297.2	298.8	300.7	308.4	316.0
20,0°	232.8	246.6	256.8	271.0	288.2	298.1	309.0	320.0	321.0	323.0	320.5	321.7	328.5
22,5°	241.1	260.5	276.3	292.4	309.7	322.2	331.0	340.9	346.7	342.2	337.7	339.5	342.2
25,0°	248.7	270.3	293.7	315.2	333.7	346.8	356.0	365.1	365.2	355.8	353.6	354.5	353.5
27,5°	257.6	281.7	302.6	322.4	342.0	360.6	372.8	377.7	374.3	365.9	364.2	362.2	365.3
30,0°	262.6	288.5	312.2	342.2	359.5	371.7	384.8	388.7	385.2	379.7	380.1	374.5	372.6
32,5°	269.0	299.5	326.2	351.9	369.5	389.5	398.3	399.7	400.6	394.7	389.4	382.1	383.0
35,0°	281.2	304.9	333.4	360.8	376.1	393.0	396.5	399.9	400.2	397.3	392.2	383.8	382.1
37,5°	282.9	313.2	341.0	363.0	380.7	395.8	404.2	405.6	399.2	394.3	385.1	377.4	370.1
40,0°	293.3	324.4	349.0	369.5	386.2	399.9	411.5	406.9	400.5	388.2	373.4	363.7	354.4
42,5°	298.0	325.8	359.6	379.7	397.3	414.7	420.3	411.0	393.5	382.0	371.4	360.9	349.4
45,0°	307.6	333.9	374.0	394.1	403.9	422.7	423.7	415.2	397.5	386.4	366.4	340.7	330.5
47,5°	307.9	346.6	385.6	408.8	425.3	443.0	438.7	417.3	399.5	392.0	354.4	317.1	306.5
50,0°	320.8	363.3	394.0	416.7	432.3	445.9	447.4	426.9	402.0	371.5	339.7	306.2	280.5
52,5°	328.8	373.5	413.5	436.4	440.5	455.0	453.5	419.4	386.4	352.0	313.5	273.9	247.9
55,0°	316.8	378.8	439.2	477.8	488.5	479.6	471.8	438.8	394.3	332.9	278.8	245.8	222.9
57,5°	320.3	392.1	466.4	526.9	536.6	520.2	495.9	455.9	396.4	325.1	268.5	227.1	206.7
60,0°	348.7	432.1	530.9	593.9	604.8	569.0	523.8	469.6	400.2	320.2	267.7	227.7	193.6
62,5°	356.4	440.6	532.7	604.8	632.9	600.9	560.0	496.4	410.7	332.0	258.8	212.8	172.3
65,0°	366.3	443.3	517.3	584.8	626.7	612.3	587.0	509.4	423.9	335.1	243.0	190.5	156.0
67,5°	383.7	483.7	552.0	599.5	611.8	602.4	564.6	502.1	415.0	323.2	230.4	170.4	139.3
70,0°	384.5	510.1	619.9	629.2	605.9	569.0	499.5	446.2	376.6	305.7	212.8	153.8	121.9
72,5°	390.2	514.5	629.8	623.0	586.5	511.7	425.7	373.8	335.1	287.0	199.2	105.2	63.2
75,0°	348.2	447.8	521.6	521.4	487.1	406.3	322.5	296.1	262.0	185.8	87.8	31.9	11.7
77,5°	212.1	289.8	322.0	319.4	290.5	260.8	217.4	169.2	100.5	41.0	13.2	4.9	3.3
80,0°	89.2	118.6	134.9	139.7	125.2	107.6	78.1	36.2	11.2	4.3	3.3	3.1	2.4
82,5°	17.9	22.7	26.1	30.7	31.1	21.8	8.8	2.6	2.1	1.9	1.8	1.7	1.6
85,0°	1.5	1.6	1.6	1.6	1.7	1.6	1.4	1.3	1.3	1.2	1.1	1.0	0.9
87,5°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
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°	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4
2,5°	202.5	202.1	202.5	202.6	202.6	202.6	187.3	185.4	183.6	181.9	180.1	178.0	176.6
5,0°	221.0	220.8	221.0	221.5	222.4	221.8	185.5	181.6	178.1	174.4	170.7	167.4	164.1
7,5°	239.3	240.4	242.0	243.9	245.6	246.6	183.0	177.6	172.3	167.7	163.4	159.3	155.2
10,0°	263.9	267.0	270.9	273.3	276.4	277.2	187.4	182.0	175.8	169.7	162.8	156.0	149.3
12,5°	285.7	289.2	292.2	297.0	301.3	303.4	196.2	185.7	175.5	165.7	157.0	150.2	143.8
15,0°	308.6	308.6	312.1	312.9	310.6	311.0	200.7	187.3	174.0	162.8	152.5	142.7	134.3
17,5°	320.2	320.9	325.5	328.5	328.1	327.1	205.6	190.7	176.9	163.4	149.0	136.4	126.7
20,0°	334.6	339.0	341.4	342.8	340.5	342.5	214.0	195.6	177.6	160.7	144.5	131.9	121.0
22,5°	347.0	353.5	357.9	360.0	357.2	355.5	216.2	194.8	173.9	155.7	140.2	126.0	113.6
25,0°	358.3	363.1	366.4	368.2	369.2	370.3	221.5	196.9	176.1	153.0	133.7	118.2	106.4
27,5°	370.6	372.0	376.1	380.8	383.1	384.5	228.0	200.2	172.0	146.2	127.7	111.4	96.3
30,0°	375.2	377.8	383.2	389.6	395.7	396.9	232.8	201.5	167.3	140.7	121.0	103.2	87.4
32,5°	381.9	378.9	387.4	397.0	396.9	388.8	235.0	197.9	164.2	137.0	115.2	97.2	83.2
35,0°	381.1	379.9	381.2	392.0	387.5	381.5	240.3	196.6	159.5	129.9	108.0	91.5	79.9
37,5°	369.1	368.3	371.8	377.7	373.1	368.0	240.4	196.5	155.8	123.8	100.7	86.0	76.3
40,0°	354.0	354.2	350.6	349.4	349.3	348.6	242.4	200.0	157.4	123.0	98.6	81.5	71.0
42,5°	345.7	338.7	323.3	319.1	313.5	313.2	248.0	198.0	145.5	111.5	90.0	73.1	65.3
45,0°	323.5	313.1	303.9	294.4	284.5	279.7	254.9	191.5	132.5	96.3	82.5	68.2	61.4
47,5°	299.7	280.2	265.2	258.0	250.1	248.9	246.4	178.1	117.4	85.1	74.5	64.4	57.1
50,0°	262.5	247.2	236.7	223.4	214.2	214.0	248.1	166.3	99.4	76.5	65.2	58.1	53.2
52,5°	232.0	219.3	205.9	189.3	179.9	178.8	239.2	152.3	88.0	67.8	56.8	51.5	50.0
55,0°	205.2	189.2	174.4	154.3	151.1	156.3	229.5	145.0	81.4	59.3	50.8	47.4	46.8
57,5°	183.6	155.7	139.4	129.7	126.9	127.9	234.6	151.5	86.0	56.0	47.7	43.3	42.7
60,0°	159.2	130.1	110.8	105.5	99.8	97.9	248.1	157.2	87.1	57.8	48.8	43.4	42.2
62,5°	141.2	110.0	90.9	82.9	75.2	72.6	266.5	161.1	79.6	52.8	44.4	41.8	39.5
65,0°	124.5	94.9	71.3	63.6	59.2	57.7	266.3	153.7	69.4	46.8	42.7	40.1	36.6
67,5°	109.6	77.4	57.6	49.5	46.6	45.1	261.3	139.7	59.8	43.9	40.1	38.8	36.2
70,0°	86.5	52.3	33.9	25.7	23.5	23.4	247.9	129.2	56.0	40.5	37.4	35.9	35.7
72,5°	34.2	16.1	9.8	7.3	6.8	6.6	246.9	131.3	48.5	38.4	35.3	32.2	33.0
75,0°	4.4	3.5	3.5	3.4	3.3	3.2	219.3	115.7	37.6	34.7	33.1	30.0	29.0
77,5°	2.9	2.7	2.7	2.6	2.5	2.4	142.4	71.2	23.6	24.1	24.8	21.6	18.3
80,0°	2.2	2.1	1.9	1.8	1.7	1.7	58.6	31.9	12.4	12.7	12.4	9.6	6.4
82,5°	1.5	1.4	1.3	1.2	1.1	1.1	12.1	7.1	4.0	4.1	3.7	3.1	2.9
85,0°	0.8	0.8	0.7	0.7	0.6	0.6	1.4	1.3	1.2	1.1	1.1	1.0	1.0
87,5°	0.4	0.3	0.3	0.3	0.2	0.2	0.8	0.7	0.7	0.6	0.6	0.6	0.5
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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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51G08HE EAN: 4058352991374	LP-Nummer 59351_101
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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°	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	0.3	0.3
2,5°	174.6	173.3	171.4	170.1	169.3	168.4	167.7	166.7	166.2	166.1	165.7	2.2	2.5
5,0°	160.8	158.2	156.6	154.8	153.3	152.2	151.2	150.6	150.2	149.6	149.4	4.5	7.0
7,5°	151.8	148.3	145.2	142.0	138.4	135.9	134.3	133.2	132.9	133.1	132.8	6.8	13.8
10,0°	143.7	139.6	136.5	133.7	130.7	128.0	125.1	122.0	118.0	116.0	115.0	9.3	23.1
12,5°	137.2	131.3	127.0	123.9	120.4	117.3	114.4	111.1	109.5	108.7	108.6	12.0	35.0
15,0°	127.3	121.0	115.1	110.1	105.7	102.3	100.1	98.6	98.0	98.1	98.4	14.6	49.6
17,5°	118.0	109.9	104.1	99.2	95.2	90.5	86.8	85.5	84.8	83.6	82.4	17.3	66.9
20,0°	110.9	103.7	96.9	92.5	89.0	85.4	81.1	76.8	73.5	71.6	70.7	20.2	87.2
22,5°	103.0	94.1	88.7	85.5	83.1	79.1	76.5	74.5	71.9	69.3	67.9	23.4	110.5
25,0°	96.0	86.9	80.9	78.4	74.7	70.5	68.9	67.6	65.5	64.8	65.0	26.4	137.0
27,5°	87.5	82.5	77.8	73.4	69.0	66.1	64.3	63.6	63.5	62.2	61.4	29.3	166.3
30,0°	78.4	75.5	71.2	66.7	65.6	65.1	63.9	62.5	59.9	58.6	58.6	32.3	198.6
32,5°	75.4	70.7	66.4	64.0	63.9	62.1	59.3	58.3	58.2	59.6	61.4	35.1	233.7
35,0°	72.4	67.2	62.5	61.0	61.9	58.3	54.6	53.3	56.7	59.4	59.4	37.4	271.1
37,5°	69.3	65.1	62.1	59.7	58.1	57.1	56.3	53.9	53.2	54.1	54.3	39.2	310.3
40,0°	66.3	62.2	60.1	57.4	54.3	52.9	53.5	53.8	53.6	51.5	49.8	40.7	351.0
42,5°	62.8	60.2	55.7	54.3	52.9	52.6	52.5	52.3	51.9	50.5	50.0	42.0	393.0
45,0°	60.6	58.5	53.8	53.1	53.7	51.0	52.6	54.2	50.4	49.4	50.1	43.1	436.1
47,5°	54.0	53.6	52.7	51.3	48.2	47.0	48.3	49.3	47.4	46.7	49.3	43.6	479.7
50,0°	52.0	50.4	49.2	50.8	48.9	46.0	45.8	46.3	45.8	46.3	48.3	43.8	523.5
52,5°	51.1	48.7	45.8	47.3	47.6	45.0	42.5	42.6	43.4	43.4	42.8	43.5	566.9
55,0°	47.2	45.4	45.0	45.0	43.7	42.0	39.9	39.3	38.5	37.8	37.4	43.8	610.7
57,5°	44.8	43.4	43.0	41.4	39.0	38.2	36.8	36.0	36.1	36.1	35.7	45.0	655.8
60,0°	42.0	42.4	40.9	37.6	34.7	33.2	33.3	32.6	32.4	32.3	32.8	47.5	703.2
62,5°	37.1	38.9	39.3	35.3	32.1	29.7	29.1	29.1	28.8	27.7	27.0	48.5	751.7
65,0°	35.0	35.2	34.6	30.8	27.9	26.1	24.6	24.8	26.0	25.8	24.4	48.3	800.0
67,5°	34.2	31.7	28.6	25.9	24.9	23.5	21.3	20.8	22.4	22.6	21.4	48.0	848.0
70,0°	34.1	29.7	25.8	22.2	21.0	19.9	17.3	15.5	14.7	13.8	13.3	46.3	894.3
72,5°	30.6	27.0	23.4	16.9	12.4	11.0	9.2	7.4	6.3	5.8	5.6	42.4	936.8
75,0°	25.7	20.1	13.4	8.6	6.4	5.5	5.0	4.5	4.1	3.8	3.7	33.5	970.2
77,5°	14.2	9.2	6.7	5.4	4.9	4.5	4.1	3.8	3.3	3.0	2.9	19.7	989.9
80,0°	5.1	5.0	4.8	4.3	4.0	3.6	3.2	2.8	2.5	2.2	2.0	7.8	997.7
82,5°	3.0	3.1	3.2	3.2	3.0	2.8	2.4	2.0	1.7	1.5	1.4	1.8	999.5
85,0°	1.0	1.0	1.2	1.5	1.6	1.6	1.5	1.2	0.9	0.7	0.6	0.3	999.9
87,5°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1	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.: 5XC2J51G08HE EAN: 4058352991374	LP-Nummer 59351_101
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	8240	58.6	60.9	59.8
95	241	252	7818	55.0	57.2	56.1
90	229	250	7429	51.9	53.9	52.9
85	216	248	7007	48.6	50.4	49.5
80	203	246	6586	45.3	47.0	46.2
75	190	243	6164	42.1	43.8	43.0
70	178	241	5774	39.3	40.7	40.0
65	165	238	5353	36.2	37.6	36.9
60	152	235	4931	33.2	34.4	33.8
55	140	232	4542	30.5	31.6	31.0
50	127	229	4120	27.5	28.5	28.0
45	114	225	3698	24.7	25.6	25.2
40	102	221	3309	22.2	23.0	22.6
35	89	216	2887	19.4	20.1	19.8
30	76	210	2466	16.7	17.3	17.0
25	63	203	2044	14.1	14.6	14.4
20	51	195	1654	11.7	12.1	11.9
15	38	184	1233	9.1	9.4	9.2
14	35	181	1135	8.5	8.8	8.6