

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2J51Y08GE
EAN: 4058352991404

LP-Nummer
59351_34



Ausführung Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten

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 - Smart Interface

Bemessungswerte Nettolichtstrom = 3480 lm
Systemleistung = 22.3 W
Lichtausbeute = 156.1 lm/W

Seriendokumentation
28.09.2023

siteco

Lichtstärke in cd/klm

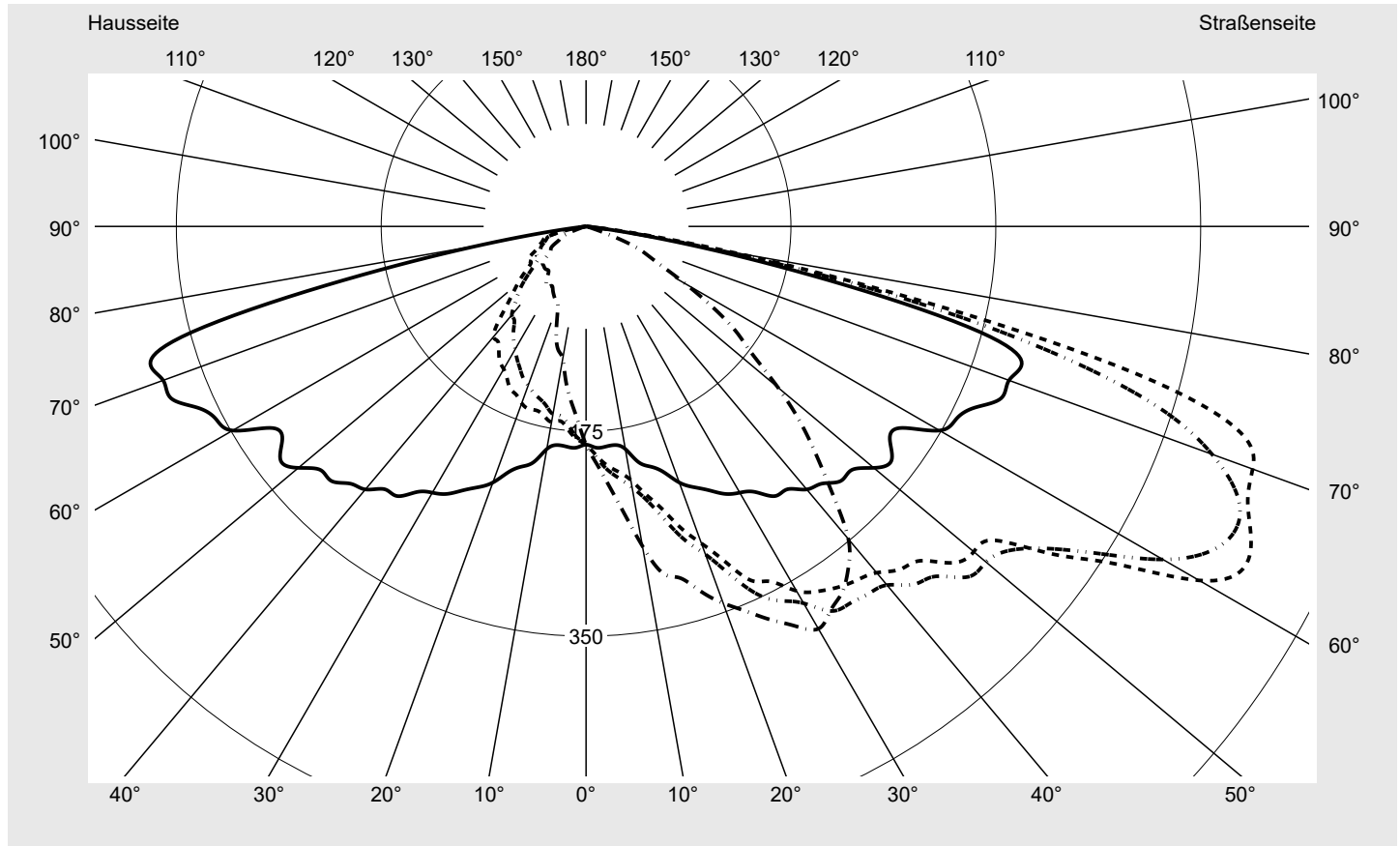
C180-0

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

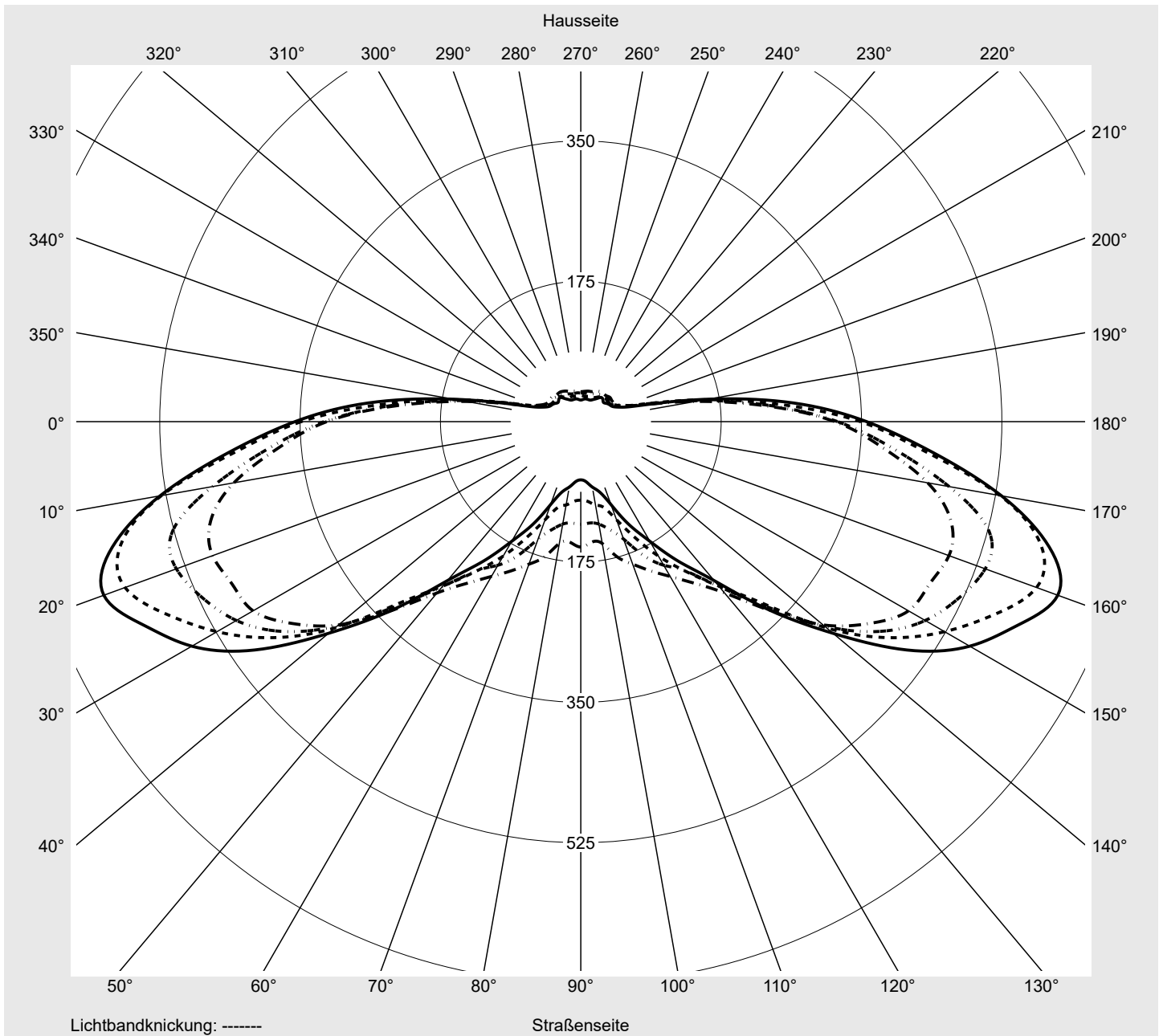
Messbedingungen

DIN EN 13032 und DIN 5032

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



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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51Y08GE EAN: 4058352991404	LP-Nummer 59351_34
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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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°	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.: 5XC2J51Y08GE EAN: 4058352991404	LP-Nummer 59351_34
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	3480	22.3	23.0	22.6
95	241	252	3302	21.1	21.7	21.4
90	229	250	3137	20.0	20.6	20.3
85	216	248	2959	18.8	19.4	19.1
80	203	246	2781	17.6	18.2	17.9
75	190	243	2603	16.4	17.0	16.7
70	178	241	2439	15.4	15.8	15.6
65	165	238	2261	14.2	14.6	14.4
60	152	235	2083	13.1	13.4	13.2
55	140	232	1918	12.0	12.4	12.2
50	127	229	1740	10.9	11.2	11.0
45	114	225	1562	9.8	10.1	10.0
40	102	221	1397	8.8	9.1	9.0
35	89	216	1219	7.7	7.9	7.8
30	76	210	1041	6.6	6.8	6.7
25	63	203	863	5.5	5.7	5.6
20	51	195	699	4.6	4.7	4.6
17	44	190	603	4.0	4.0	4.0