

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2J51Y08HE
EAN: 4058352991411

LP-Nummer
59351_35



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 = 8250 lm Systemleistung = 58.1 W Lichtausbeute = 142 lm/W

Seriendokumentation
28.09.2023

siteco

Lichtstärke in cd/klm

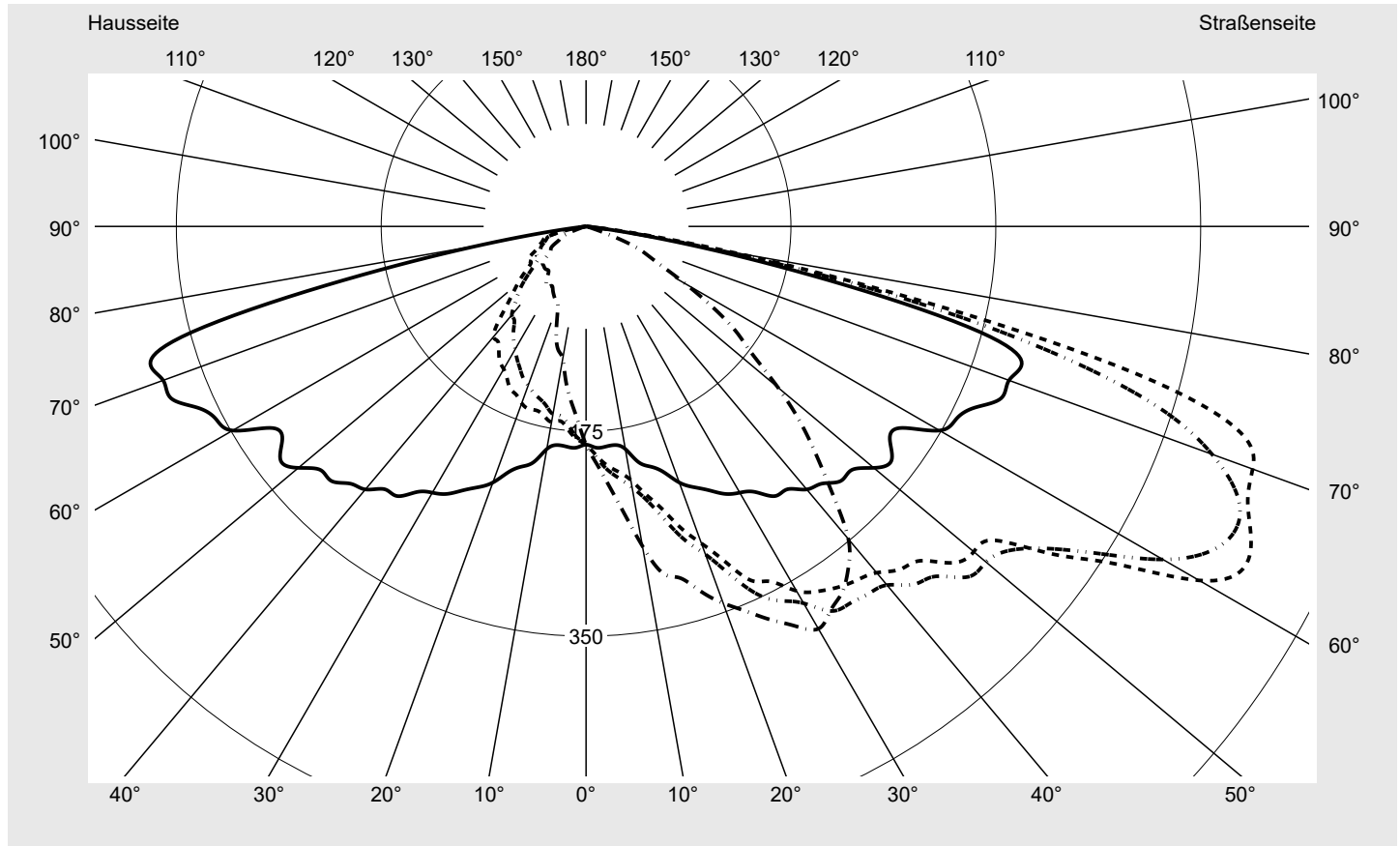
C180-0

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

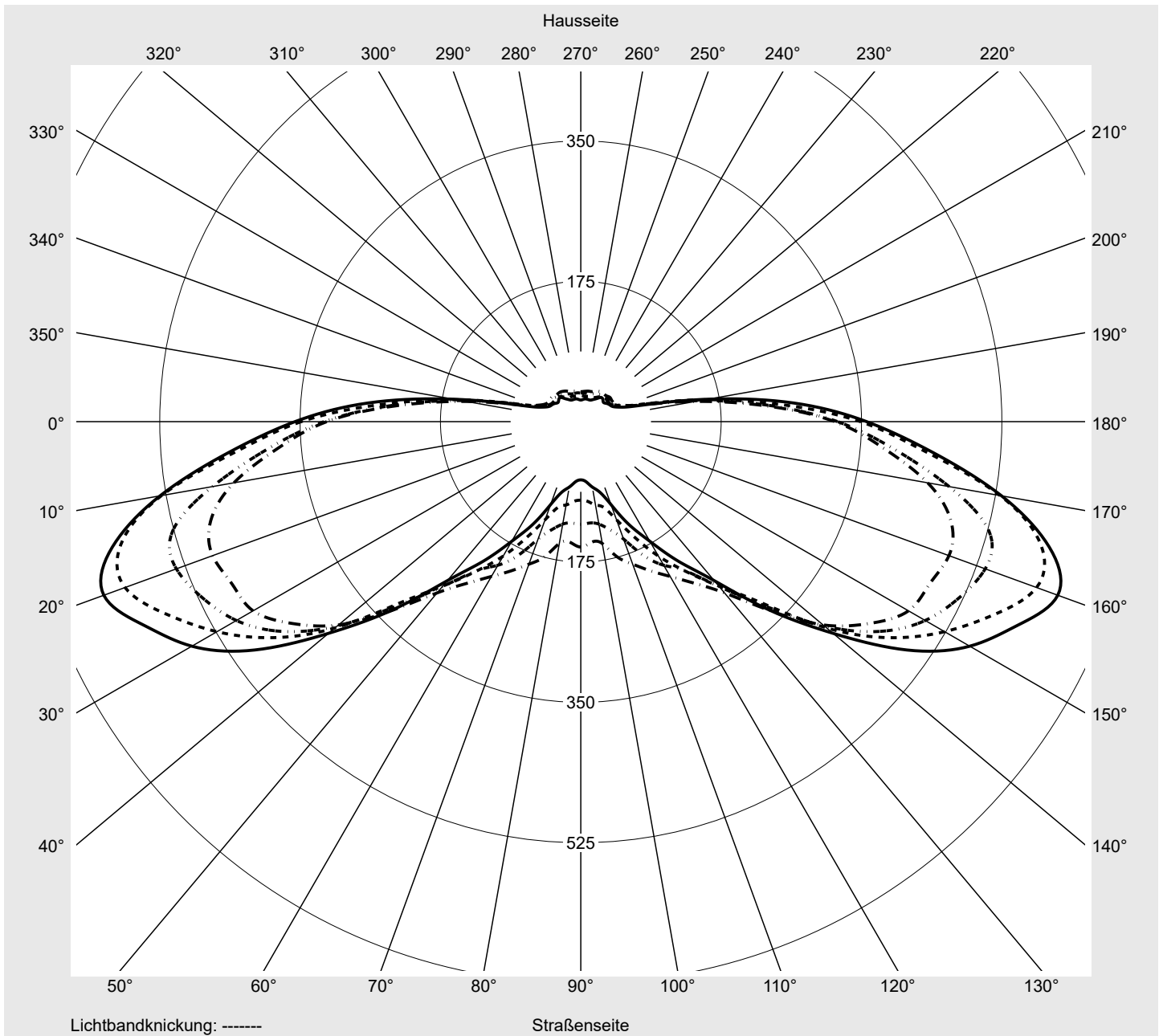
Messbedingungen

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.: 5XC2J51Y08HE EAN: 4058352991411	LP-Nummer 59351_35
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.: 5XC2J51Y08HE EAN: 4058352991411	LP-Nummer 59351_35
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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.: 5XC2J51Y08HE EAN: 4058352991411	LP-Nummer 59351_35
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	8250	58.1	60.6	59.4
95	241	252	7828	54.7	56.9	55.8
90	229	250	7438	51.5	53.6	52.6
85	216	248	7016	48.1	50.1	49.1
80	203	246	6594	44.9	46.7	45.8
75	190	243	6171	41.7	43.4	42.6
70	178	241	5781	38.8	40.3	39.6
65	165	238	5359	35.7	37.2	36.4
60	152	235	4937	32.7	34.0	33.4
55	140	232	4547	30.0	31.2	30.6
50	127	229	4125	27.1	28.1	27.6
45	114	225	3703	24.3	25.2	24.8
40	102	221	3313	21.7	22.5	22.1
35	89	216	2891	19.0	19.7	19.4
30	76	210	2469	16.4	17.0	16.7
25	63	203	2046	13.8	14.3	14.0
20	51	195	1656	11.4	11.8	11.6
15	38	184	1234	8.8	9.0	8.9
14	35	181	1137	8.2	8.4	8.3