

Lichttechnischer Prüfbefund

Familie
Streetlight 11 micro LED

Bestell-Nr.: 5XC1B41E08CE
EAN: 4058352583333

LP-Nummer
59318_223



Ausführung Mastansatz- / Mastaufsatzmontage
Optik asymmetrisch, extrem breit strahlend (ST0.5a)
Abdeckung klar, PMMA
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1940 lm
 Systemleistung = 12.6 W
 Lichtausbeute = 154 lm/W

Seriendokumentation
14.02.2025

siteco

Lichtstärke in cd/klm

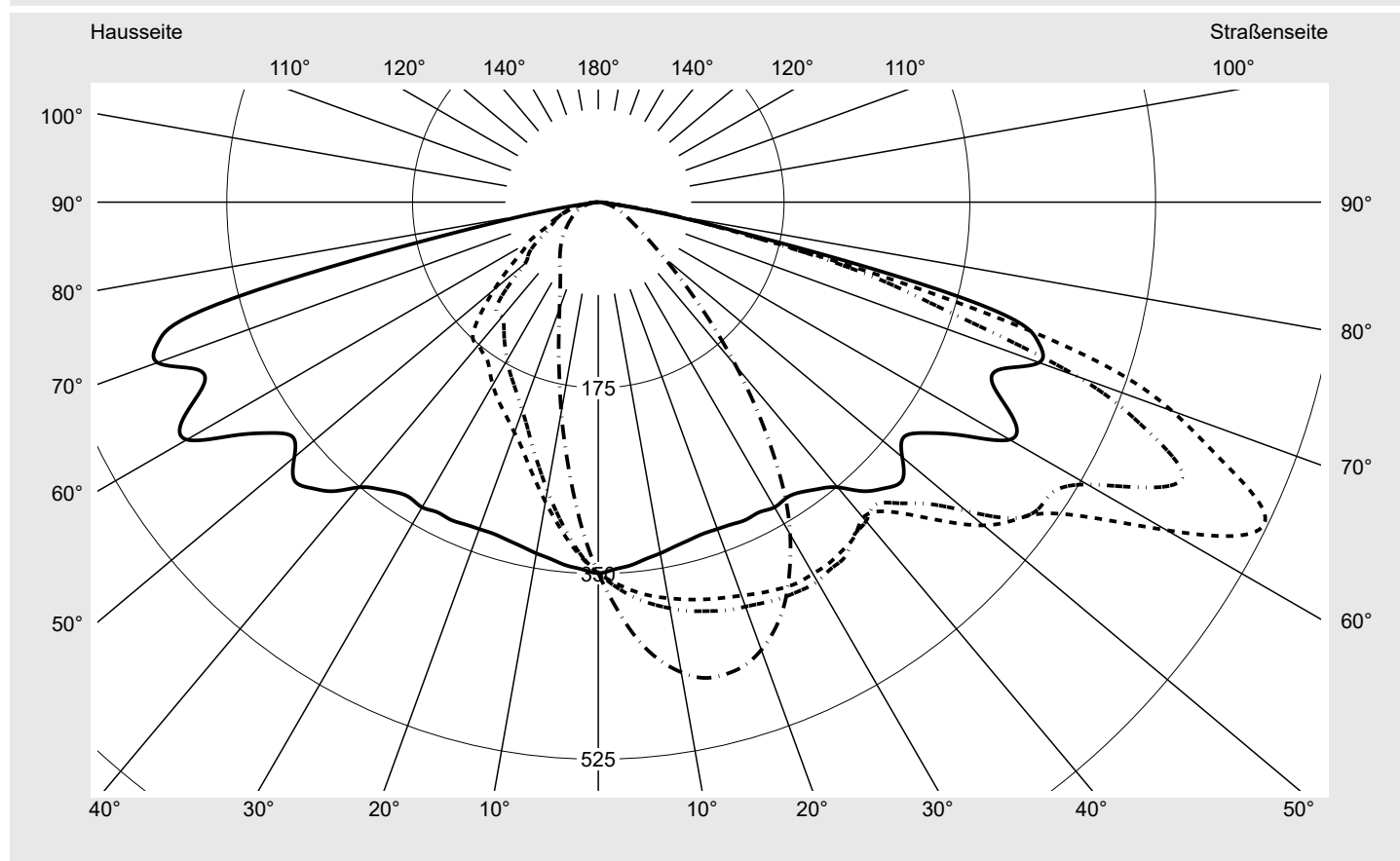
C180-0

C200-20

C205-25

C270-90

Imax: 692 cd/klm



Leuchtenbetriebswirkungsgrade

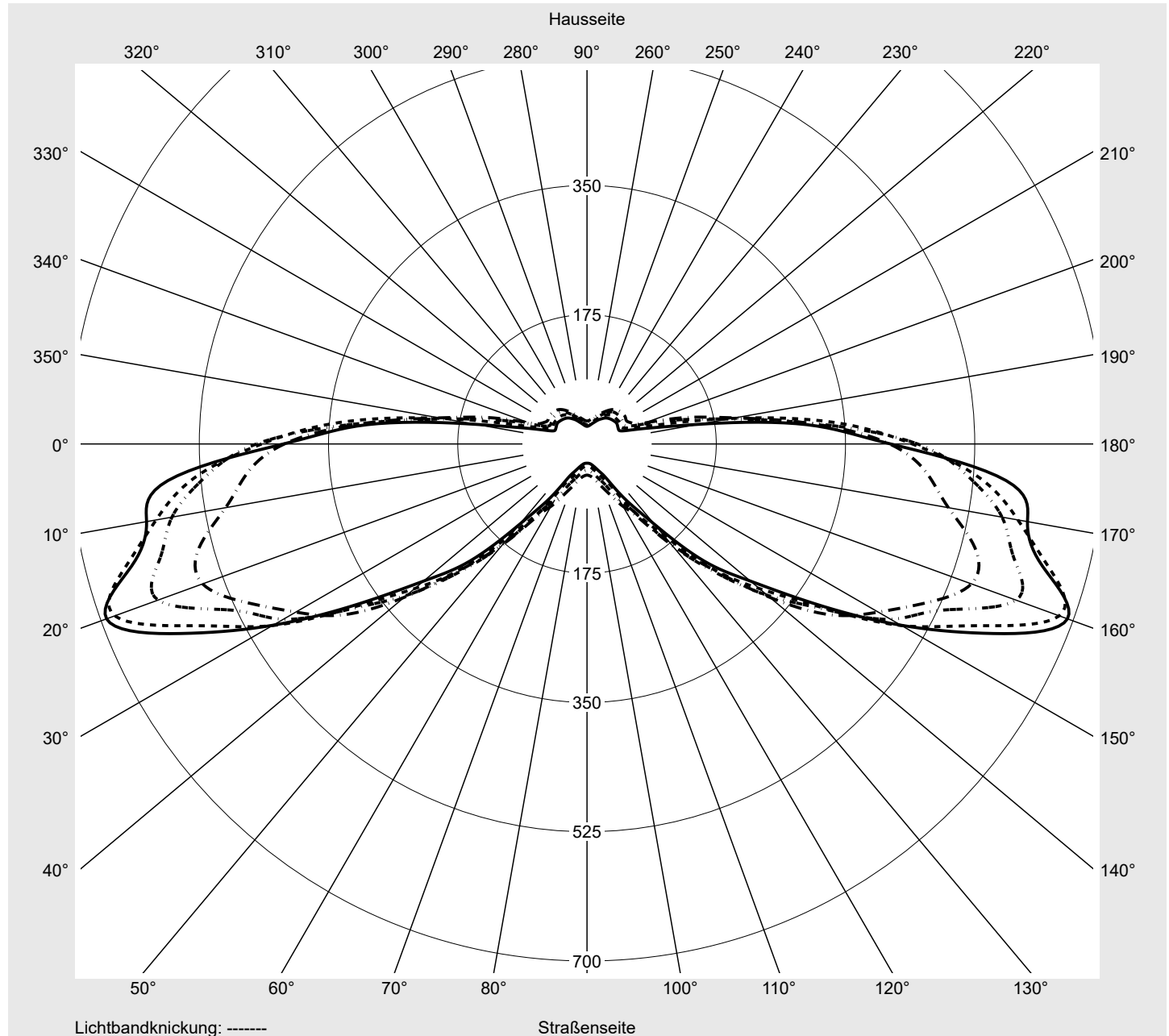
Eta 100.0%
 Eta 0° - 90° 100.0%
 Eta 90° - 180° 0.0%

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

Lichttechnischer Prüfbefund**Familie**
Streetlight 11 micro LED**Bestell-Nr.: 5XC1B41E08CE**
EAN: 4058352583333**LP-Nummer**
59318_223**Kegelmantelkurven in cd/klm****KMK 65°****KMK 62,5°****KMK 60°****KMK 57,5°****sit**eco

Lichttechnischer Prüfbefund

Familie				Bestell-Nr.: 5XC1B41E08CE								LP-Nummer	
Streetlight 11 micro LED				EAN: 4058352583333								59318_223	
Wertetabelle Lichtstärkemessung												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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Familie				Bestell-Nr.: 5XC1B41E08CE								LP-Nummer		
Streetlight 11 micro LED				EAN: 4058352583333								59318_223		
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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Familie				Bestell-Nr.: 5XC1B41E08CE								LP-Nummer	
Streetlight 11 micro LED				EAN: 4058352583333								59318_223	
Wertetabelle Lichtstärkemessung												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°	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

Lichttechnischer Prüfbefund

Familie Streetlight 11 micro LED	Bestell-Nr.: 5XC1B41E08CE EAN: 4058352583333	LP-Nummer 59318_223
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	12.6	12.9	12.8
95	241	252	1841	12.0	12.3	12.2
90	229	250	1749	11.4	11.7	11.6
85	216	248	1650	10.8	11.0	10.9
80	203	246	1550	10.1	10.4	10.2
75	190	243	1451	9.6	9.8	9.7
70	178	241	1360	9.0	9.2	9.1
65	165	238	1260	8.4	8.6	8.5
60	152	235	1161	7.8	8.0	7.9
55	140	232	1069	7.3	7.5	7.4
50	127	229	970	6.8	6.9	6.8
45	114	225	871	6.2	6.3	6.2
40	102	221	779	5.7	5.8	5.8
35	89	216	680	5.1	5.2	5.2
30	76	210	580	4.6	4.7	4.6
25	63	203	481	4.1	4.1	4.1
24	62	202	474	4.0	4.1	4.0