

Lichttechnischer Prüfbefund

Familie Streetlight 11 micro LED



Bestell-Nr.: 5XC1B51F08CE
EAN: 4058352557457

LP-Nummer
59318_226

Ausführung	Mastansatz- / Mastaufsatzmontage
Optik	asymmetrisch, extrem breit strahlend (ST0.5a)
Abdeckung	klar, PMMA
Bestückung	LED 3000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 1860 lm Systemleistung = 12.6 W Lichtausbeute = 147.6 lm/W

Seriendokumentation
14.02.2025

siteco

Lichtstärke in cd/klm

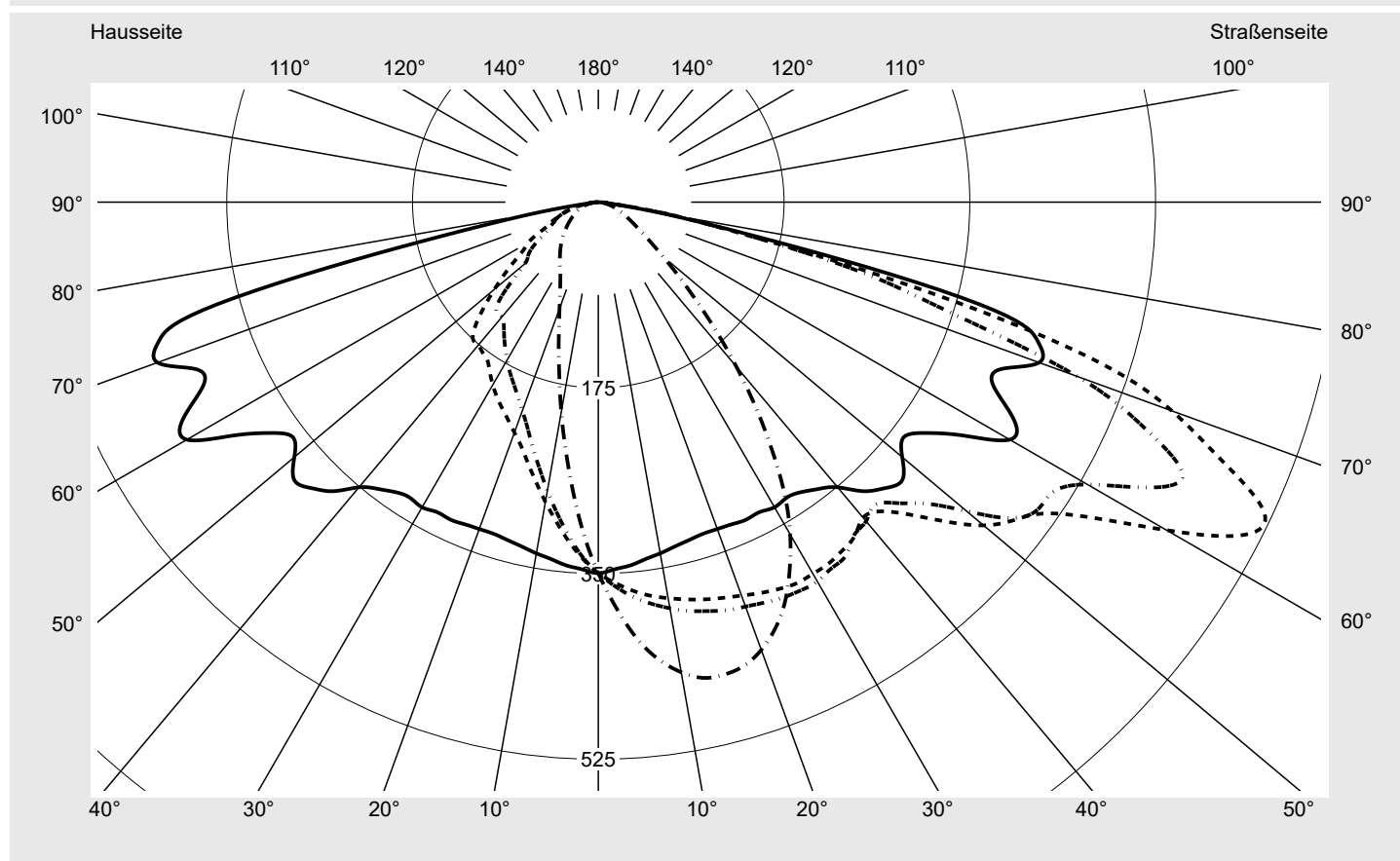
C180-0

C200-20

C205-25

C270-90

Imax: 692 cd/klm



Leuchtenbetriebswirkungsgrade

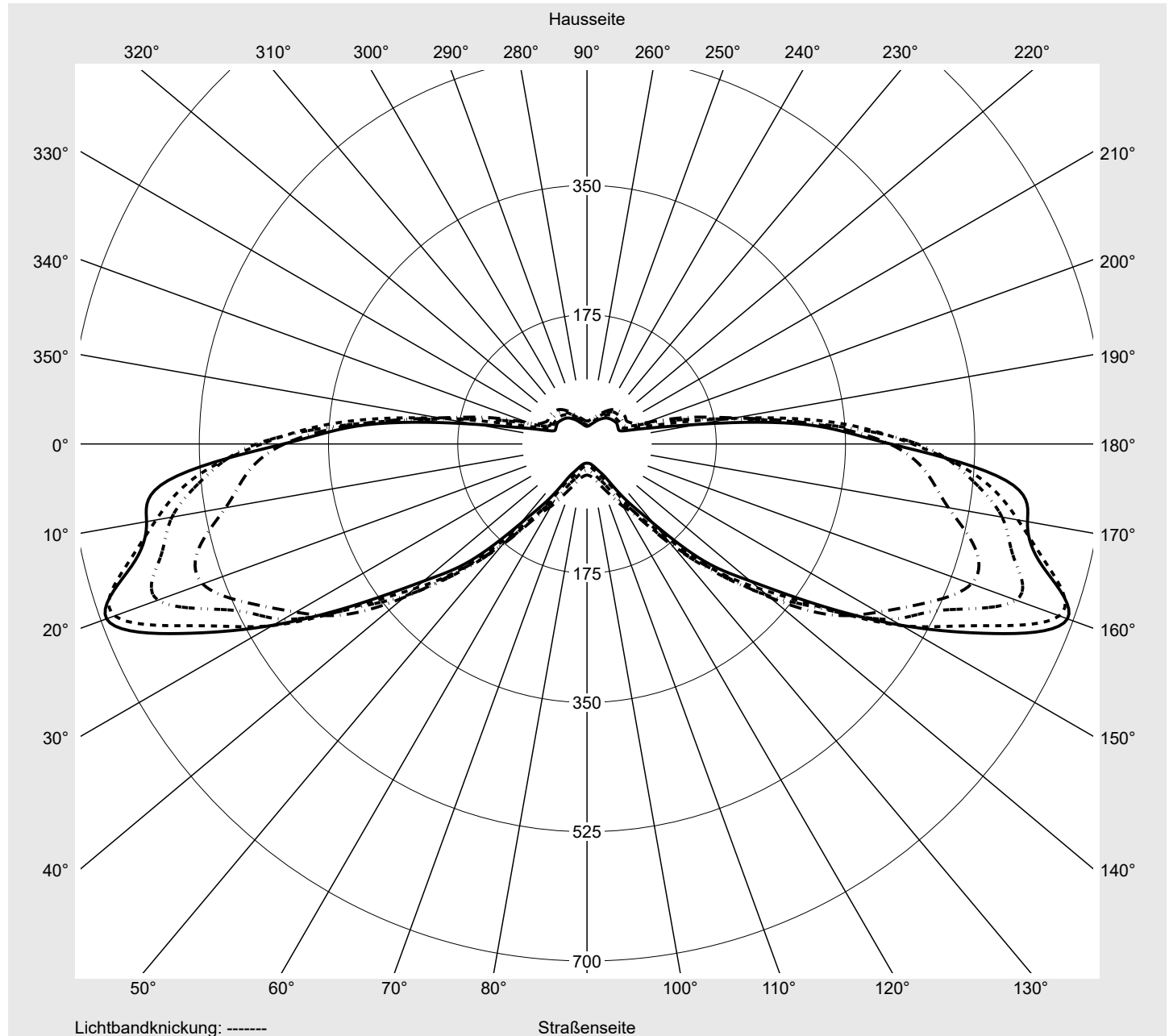
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

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.: 5XC1B51F08CE**
EAN: 4058352557457**LP-Nummer**
59318_226**Kegelmantelkurven in cd/klm****KMK 65°****KMK 62,5°****KMK 60°****KMK 57,5°****sit**eco

Lichttechnischer Prüfbefund

Familie Streetlight 11 micro LED				Bestell-Nr.: 5XC1B51F08CE EAN: 4058352557457								LP-Nummer 59318_226	
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.: 5XC1B51F08CE								LP-Nummer			
Streetlight 11 micro LED				EAN: 4058352557457								59318_226			
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.: 5XC1B51F08CE								LP-Nummer	
Streetlight 11 micro LED				EAN: 4058352557457								59318_226	
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.: 5XC1B51F08CE EAN: 4058352557457	LP-Nummer 59318_226
Dimmstufen-Tabelle Umgebungstemperatur: 25°C		sit eco

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1860	12.6	12.9	12.8
95	241	252	1765	12.0	12.3	12.2
90	229	250	1677	11.4	11.7	11.6
85	216	248	1582	10.8	11.0	10.9
80	203	246	1487	10.1	10.4	10.2
75	190	243	1391	9.6	9.8	9.7
70	178	241	1303	9.0	9.2	9.1
65	165	238	1208	8.4	8.6	8.5
60	152	235	1113	7.8	8.0	7.9
55	140	232	1025	7.3	7.5	7.4
50	127	229	930	6.8	6.9	6.8
45	114	225	835	6.2	6.3	6.2
40	102	221	747	5.7	5.8	5.8
35	89	216	652	5.1	5.2	5.2
30	76	210	557	4.6	4.7	4.6
25	63	203	461	4.1	4.1	4.1
24	62	202	454	4.0	4.1	4.0