

Lichttechnischer Prüfbefund

Familie

Streetlight 11 mini LED



Bestell-Nr.: 5XC2J51Y08GE

EAN: 4058352991404

LP-Nummer

59599_29

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

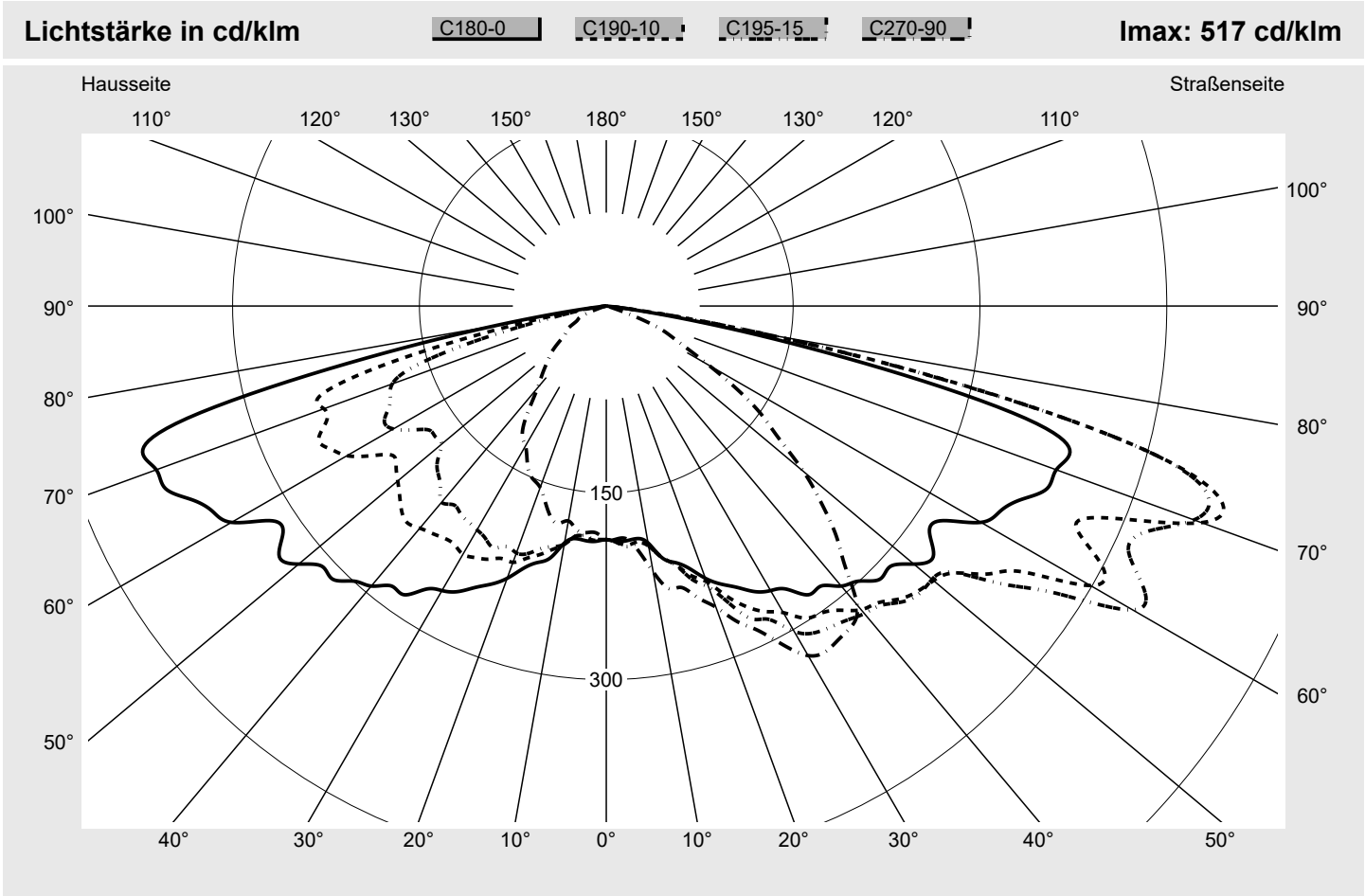
Bemessungswerte

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

Seriendokumentation

23.05.2024

siteco



Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2J51Y08GE
EAN: 4058352991404

LP-Nummer
59599_29

Kegelmantelkurven in cd/klm

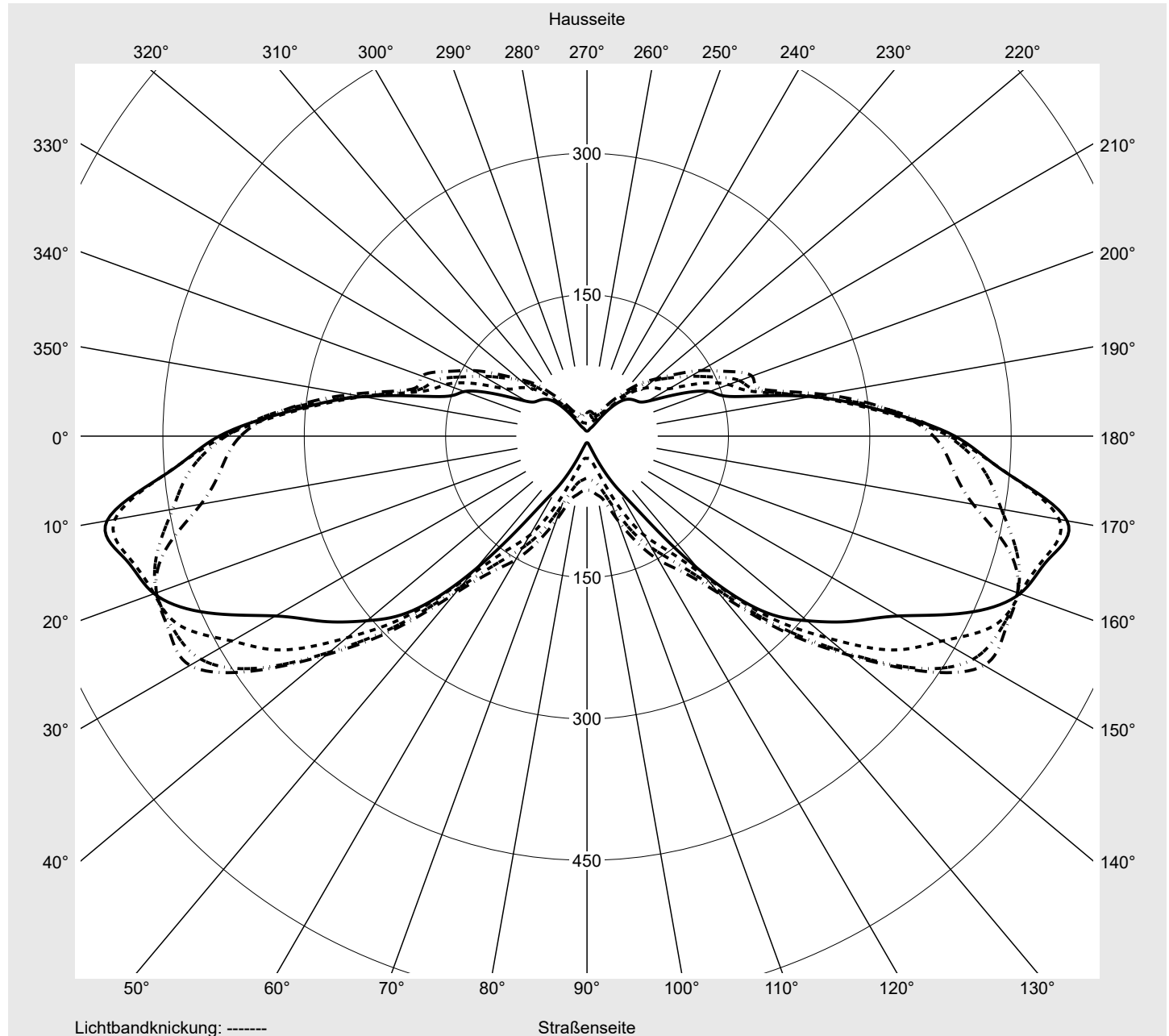
KMK 72,5°

KMK 70°

KMK 67,5°

KMK 65°

siteco



Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED				Bestell-Nr.: 5XC2J51Y08GE EAN: 4058352991404								LP-Nummer 59599_29		
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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	
2,5°	189.1	189.4	189.7	190.1	190.6	191.4	191.4	191.4	191.2	190.9	190.8	190.8	189.9	
5,0°	189.1	190.9	192.7	193.8	194.6	195.1	196.0	196.0	196.2	196.1	195.3	193.9	192.8	
7,5°	188.4	189.1	190.9	192.0	194.2	196.1	198.2	199.3	198.6	197.2	196.0	195.1	195.6	
10,0°	193.1	192.8	194.5	195.7	197.5	199.0	200.7	202.6	203.2	204.5	205.9	206.4	207.3	
12,5°	207.1	207.4	206.8	207.0	205.9	204.9	207.6	210.5	213.4	215.9	219.6	221.3	221.0	
15,0°	213.2	213.9	215.1	215.3	215.4	216.8	218.3	219.3	221.4	225.0	230.3	233.5	234.7	
17,5°	220.8	224.4	227.0	230.5	232.0	233.3	233.1	232.6	231.8	228.7	228.6	234.0	239.3	
20,0°	232.7	235.4	235.6	240.2	246.3	248.1	251.0	253.1	250.8	248.0	243.6	243.0	247.2	
22,5°	241.8	247.8	251.9	258.6	265.4	268.3	270.2	273.5	273.0	264.4	258.2	259.1	261.4	
25,0°	249.4	257.8	266.3	277.3	286.2	290.8	292.6	292.4	289.3	277.1	271.6	273.5	274.2	
27,5°	258.6	266.8	276.6	283.8	292.5	300.8	307.3	304.9	298.9	289.9	285.1	281.1	285.8	
30,0°	263.8	274.9	284.3	301.7	306.4	311.5	316.4	315.8	311.5	304.2	298.8	295.6	299.7	
32,5°	269.6	282.6	297.2	311.1	315.1	325.5	329.9	326.4	325.7	322.3	315.2	311.0	314.7	
35,0°	283.0	289.9	301.0	314.5	321.6	329.2	324.5	326.1	326.3	323.5	321.5	317.6	319.1	
37,5°	283.4	295.2	307.9	317.8	322.2	328.6	331.2	331.2	328.9	322.7	321.3	313.9	314.8	
40,0°	293.5	307.9	318.4	322.3	325.9	332.8	335.7	330.0	329.4	320.2	313.8	310.8	307.8	
42,5°	299.7	306.0	323.2	326.0	334.2	341.9	344.5	337.5	327.4	320.8	316.4	311.8	304.4	
45,0°	310.4	313.5	332.7	335.9	335.6	345.9	346.1	341.0	334.2	328.8	313.5	298.6	291.8	
47,5°	309.4	320.3	339.1	341.3	346.5	357.8	355.3	341.7	336.1	332.7	308.7	279.5	276.5	
50,0°	322.4	339.4	343.0	341.5	341.7	354.3	359.8	353.8	335.4	319.9	297.5	273.2	254.5	
52,5°	330.8	344.2	352.1	351.2	348.1	359.1	364.3	343.3	324.0	303.4	275.7	247.5	227.2	
55,0°	316.8	346.8	375.0	389.5	383.4	376.6	380.4	360.5	332.6	291.1	245.8	224.1	204.6	
57,5°	320.7	355.6	397.6	429.8	426.5	416.9	401.5	378.0	334.6	280.5	235.8	208.0	191.6	
60,0°	347.4	395.1	448.9	488.1	481.1	459.2	428.0	390.9	339.9	275.8	235.1	206.7	182.0	
62,5°	356.6	405.1	447.5	485.3	498.4	483.6	459.4	419.2	348.6	287.8	229.7	195.1	165.7	
65,0°	367.6	389.3	415.9	462.5	486.1	489.2	486.4	434.7	360.9	290.9	218.0	175.5	151.5	
67,5°	383.1	423.0	446.4	471.8	486.1	484.4	473.2	429.4	356.5	283.3	208.9	163.8	136.7	
70,0°	384.5	447.0	508.6	502.2	488.9	476.2	434.8	395.5	332.9	269.7	193.5	147.4	121.4	
72,5°	390.3	446.6	517.1	506.5	488.8	443.6	381.6	342.6	304.7	261.8	184.8	101.2	63.2	
75,0°	348.3	408.5	449.2	449.2	425.3	358.9	292.4	272.0	244.8	171.5	82.2	30.3	13.1	
77,5°	212.3	272.5	293.1	290.5	265.5	234.8	198.2	156.8	93.2	36.0	12.3	5.4	4.9	
80,0°	88.8	115.3	129.6	128.3	113.9	98.6	71.2	32.4	10.0	5.0	4.8	4.4	4.0	
82,5°	18.0	22.3	25.1	28.5	29.7	20.8	8.6	2.9	3.0	3.1	3.2	3.2	3.0	
85,0°	1.5	1.4	1.3	1.3	1.3	1.2	1.0	1.0	1.0	1.0	1.2	1.5	1.6	
87,5°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	
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	

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED				Bestell-Nr.: 5XC2J51Y08GE EAN: 4058352991404								LP-Nummer 59599_29	
Wertetabelle Lichtstärkemessung												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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6
2,5°	189.2	188.2	188.3	188.0	187.9	187.3	188.7	188.5	187.5	186.7	186.8	185.8	185.5
5,0°	191.5	190.3	188.9	187.9	188.1	187.7	188.3	186.6	185.7	185.6	184.8	184.5	184.2
7,5°	196.3	196.3	197.0	197.6	197.9	198.3	187.4	186.2	186.0	185.8	185.3	185.1	184.1
10,0°	208.2	209.6	212.5	214.2	216.3	216.7	193.6	194.4	194.1	193.0	190.7	188.8	186.7
12,5°	221.3	222.9	223.4	227.2	230.8	232.3	204.2	200.3	197.9	195.0	193.3	191.6	190.1
15,0°	236.0	235.5	235.7	236.1	234.6	234.0	211.2	206.7	201.6	197.6	194.8	191.1	187.8
17,5°	242.2	243.1	245.4	246.3	246.0	245.8	217.2	212.3	208.3	202.7	195.6	190.9	187.1
20,0°	252.1	256.1	259.5	258.7	255.8	257.3	226.2	219.0	211.0	203.1	196.5	191.2	186.5
22,5°	266.1	271.5	276.3	276.2	275.1	274.1	229.2	219.4	209.0	200.7	195.1	188.5	181.6
25,0°	280.3	283.3	286.0	287.6	287.1	287.2	235.2	224.3	214.1	200.3	190.1	181.8	176.5
27,5°	290.3	294.9	299.3	304.4	309.3	306.4	243.4	227.7	210.3	195.1	186.9	177.4	168.2
30,0°	301.5	305.0	313.5	320.4	325.3	324.1	247.2	230.2	207.5	192.7	181.8	170.5	160.1
32,5°	315.4	313.3	321.2	331.9	331.4	328.6	252.1	227.1	205.6	190.3	177.7	166.0	157.3
35,0°	321.7	321.5	324.9	334.5	333.3	326.2	256.9	227.4	203.9	185.4	172.9	162.7	154.1
37,5°	317.8	320.7	327.1	328.9	327.0	323.8	257.5	230.0	201.2	181.9	167.3	158.7	151.9
40,0°	307.3	310.5	312.3	313.0	311.4	313.2	259.2	232.9	205.7	182.2	167.4	156.0	145.4
42,5°	305.4	303.1	291.1	288.4	285.4	284.0	267.7	236.2	197.2	174.9	162.2	148.5	139.8
45,0°	290.8	284.4	277.0	272.8	265.0	261.1	275.9	232.4	190.8	167.2	159.5	146.7	134.0
47,5°	270.6	255.9	246.6	242.7	234.4	234.3	272.0	225.0	183.7	166.1	158.9	145.7	131.9
50,0°	241.3	228.6	222.0	212.9	205.7	206.8	273.0	218.6	172.5	164.5	157.6	142.5	128.6
52,5°	214.3	205.4	196.5	180.2	174.2	174.7	269.4	212.7	172.7	162.4	153.3	140.9	125.8
55,0°	190.7	179.3	168.0	149.3	147.3	152.3	261.5	209.3	173.7	162.6	152.1	138.5	125.9
57,5°	172.4	150.1	133.4	126.9	123.7	124.8	270.7	223.7	185.2	166.8	152.0	136.9	120.4
60,0°	153.5	126.7	108.7	103.7	98.3	95.0	283.7	240.3	197.4	180.7	159.1	141.2	120.8
62,5°	137.5	108.9	90.1	82.0	74.6	71.9	301.0	249.2	200.9	188.4	164.4	142.9	116.9
65,0°	123.3	94.4	71.3	63.4	58.7	57.3	321.5	254.8	192.5	186.2	162.5	139.1	114.1
67,5°	109.4	78.0	58.2	49.5	46.5	44.6	321.8	243.5	187.7	172.1	148.4	127.0	107.7
70,0°	86.9	53.4	34.8	26.2	23.6	23.7	309.9	241.2	182.8	159.9	132.1	100.7	89.1
72,5°	35.7	17.6	10.9	8.0	7.2	7.0	313.4	241.5	162.1	138.4	104.7	73.8	64.8
75,0°	6.0	5.1	4.6	4.2	3.8	3.6	256.9	189.9	109.6	95.2	79.3	59.6	52.0
77,5°	4.5	4.1	3.8	3.4	3.0	2.9	160.2	101.0	50.6	48.8	49.7	40.8	30.9
80,0°	3.6	3.2	2.9	2.5	2.2	2.1	62.6	36.5	23.8	23.4	21.7	16.7	10.2
82,5°	2.8	2.5	2.0	1.7	1.5	1.4	12.4	8.0	6.0	5.5	4.8	3.3	2.6
85,0°	1.6	1.5	1.2	0.9	0.7	0.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3
87,5°	0.3	0.3	0.3	0.3	0.1	0.1	0.8	0.8	0.8	0.8	0.7	0.7	0.7
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

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED				Bestell-Nr.: 5XC2J51Y08GE EAN: 4058352991404								LP-Nummer 59599_29	
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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	0.3	0.3
2,5°	184.9	184.3	182.8	182.5	182.9	182.3	182.0	181.5	181.6	182.2	182.4	2.2	2.5
5,0°	183.4	182.4	182.6	182.3	182.0	182.0	181.9	182.3	183.4	183.0	182.7	4.5	7.0
7,5°	183.2	183.3	182.2	181.8	180.9	180.2	180.5	181.0	181.4	182.1	181.4	6.8	13.8
10,0°	185.3	184.9	185.3	185.6	184.5	183.8	182.3	181.0	177.2	176.3	175.2	9.3	23.1
12,5°	188.2	185.6	184.4	184.6	183.6	182.2	180.8	179.6	179.7	179.1	178.8	12.0	35.1
15,0°	185.3	183.5	181.4	179.6	177.4	176.4	174.6	174.8	175.5	174.7	174.3	14.6	49.7
17,5°	183.8	180.2	176.7	173.6	171.5	169.0	166.5	166.3	166.5	165.1	163.9	17.3	67.0
20,0°	180.6	178.8	175.2	170.8	168.8	166.9	163.2	159.9	157.7	156.3	155.1	20.2	87.3
22,5°	176.9	171.7	169.0	166.0	163.9	160.2	158.0	157.1	154.5	152.5	151.4	23.4	110.7
25,0°	170.6	165.6	162.3	159.6	155.4	151.0	148.8	147.9	146.3	146.6	147.0	26.4	137.1
27,5°	163.4	161.2	157.4	153.8	147.7	143.4	140.5	139.9	140.0	137.8	137.9	29.3	166.5
30,0°	154.1	152.3	148.7	142.7	139.5	137.0	135.7	134.0	130.7	129.5	129.7	32.3	198.7
32,5°	150.3	145.6	140.8	135.7	132.8	128.2	124.1	122.4	122.0	123.1	125.2	35.1	233.8
35,0°	146.1	139.9	132.0	126.7	124.1	117.4	111.6	108.6	111.6	114.0	115.1	37.3	271.2
37,5°	141.8	135.1	127.6	120.4	113.6	108.7	105.6	101.3	99.1	99.0	99.1	39.2	310.4
40,0°	137.6	128.7	120.7	111.5	103.5	97.6	94.8	92.9	90.7	87.5	85.6	40.7	351.1
42,5°	130.8	122.7	110.3	103.5	96.6	90.8	86.7	83.7	81.0	78.3	77.1	42.0	393.1
45,0°	126.1	116.1	105.3	96.9	91.3	82.7	80.4	79.2	72.3	68.9	69.6	43.1	436.2
47,5°	118.5	108.0	98.7	89.8	80.1	73.5	71.3	68.3	63.3	60.6	62.9	43.6	479.7
50,0°	116.2	101.3	90.2	84.0	75.4	67.5	63.3	60.4	56.9	55.5	56.8	43.8	523.5
52,5°	113.1	96.2	82.5	75.1	69.1	62.2	55.8	52.4	50.7	49.4	48.5	43.5	567.0
55,0°	109.5	89.8	77.7	67.8	61.2	55.6	49.4	45.7	42.9	41.5	41.1	43.8	610.8
57,5°	105.8	88.0	75.5	61.7	53.6	48.0	42.9	40.0	38.9	38.8	38.3	45.0	655.9
60,0°	104.3	88.1	72.7	56.3	46.8	39.5	36.6	34.8	33.9	34.0	34.7	47.5	703.4
62,5°	97.7	83.9	68.4	53.1	39.0	33.0	30.5	30.0	29.6	28.6	27.7	48.5	751.9
65,0°	94.0	78.2	59.3	44.6	32.3	27.4	24.9	24.9	26.2	26.2	24.9	48.2	800.1
67,5°	91.3	71.2	50.3	33.6	26.9	23.6	20.7	20.3	22.2	22.5	21.6	47.9	848.0
70,0°	78.9	64.3	44.4	28.0	21.7	19.1	16.1	14.6	14.2	13.7	13.2	46.3	894.4
72,5°	60.7	53.7	39.3	20.5	12.0	9.6	7.8	6.3	5.7	5.4	5.3	42.4	936.8
75,0°	42.2	33.3	19.7	10.2	5.1	4.0	3.6	3.5	3.5	3.3	3.3	33.4	970.2
77,5°	22.1	14.1	7.8	4.9	3.3	3.0	2.8	2.6	2.6	2.5	2.4	19.7	989.9
80,0°	6.4	4.3	3.3	3.2	2.4	2.2	2.1	1.9	1.8	1.7	1.7	7.9	997.7
82,5°	2.2	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.8	999.5
85,0°	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.3	999.9
87,5°	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	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

Lichttechnischer Prüfbefund

Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2J51Y08GE EAN: 4058352991404	LP-Nummer 59599_29
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	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