

Lichttechnischer Prüfbefund

Familie
Streetlight 21 micro LED

Bestell-Nr.: 5XE1B31G08CB
EAN: 4058352739532

LP-Nummer
59065_1099



Ausführung Mastansatz- / Mastaufsatzmontage
Optik direkt, asymmetrisch breit strahlend
 S050003
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 2870 lm
 Systemleistung = 19.4 W
 Lichtausbeute = 147.9 lm/W

Seriendokumentation
16.05.2023

siteco

Lichtstärke in cd/klm

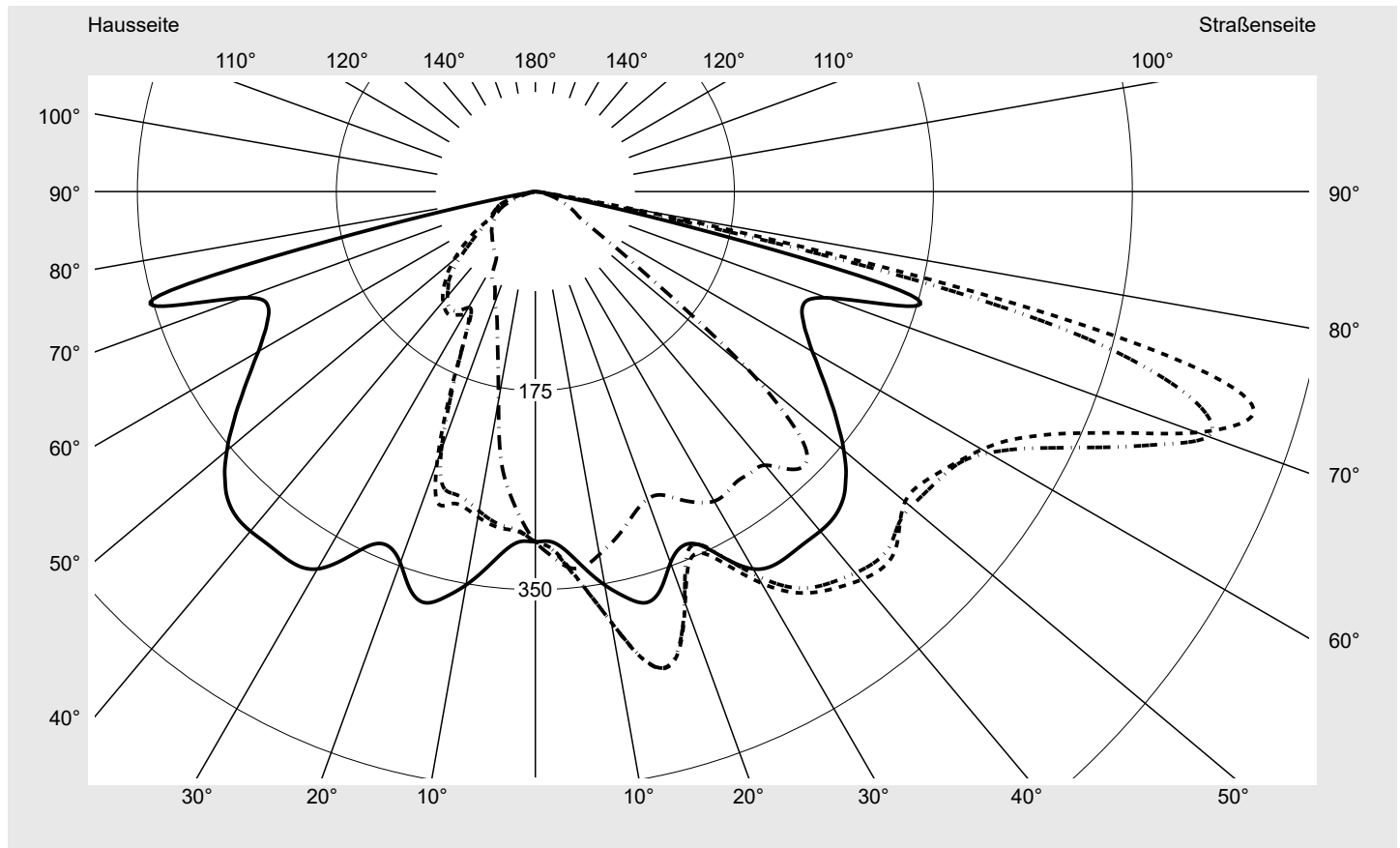
C180-0

C205-25

C207,5-27,5

C270-90

Imax: 661 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G3
Imax 70°	629.6
Imax 80°	99.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

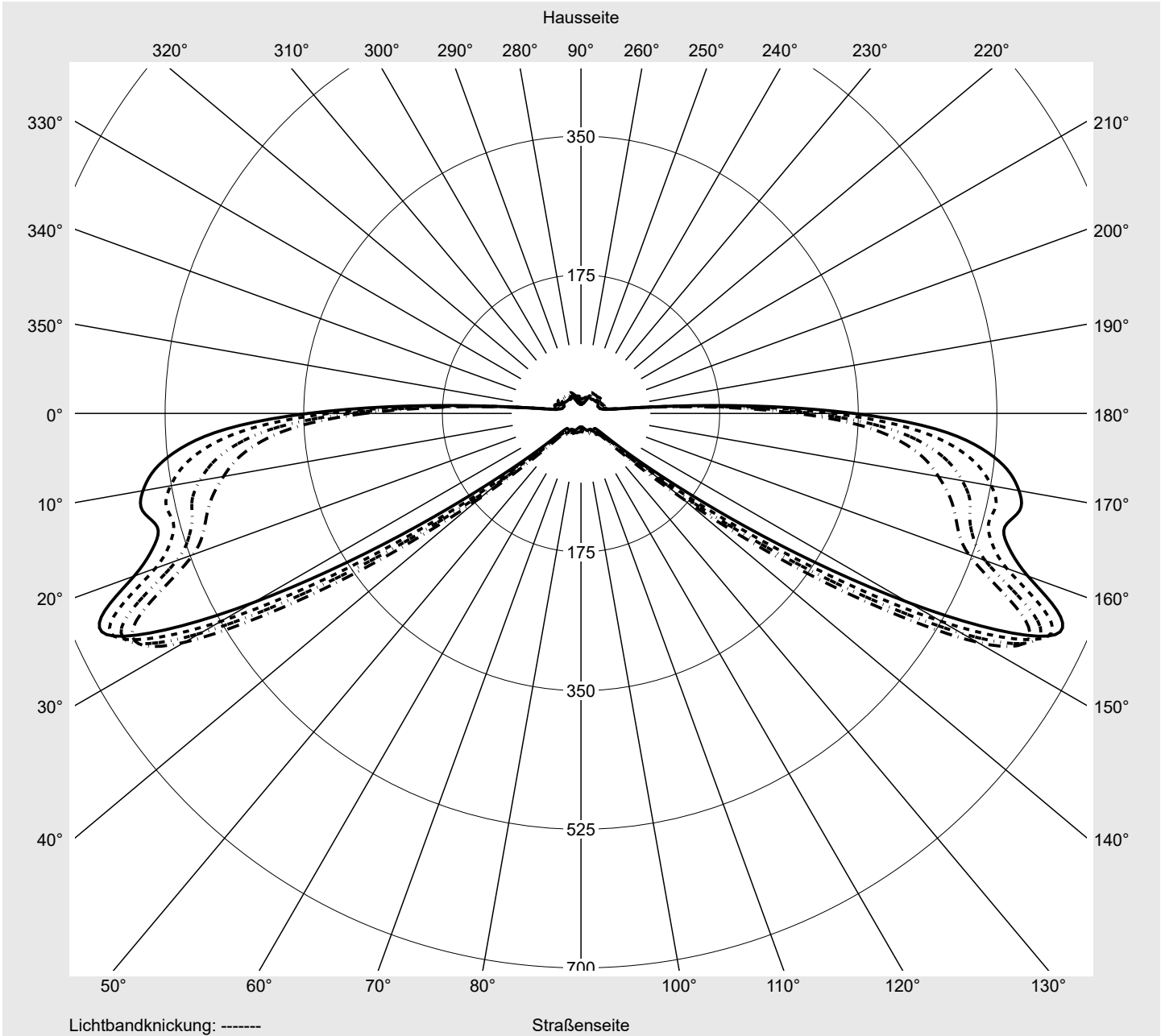
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 73°** **KMK 72°** **KMK 71°** **KMK 70°** **siteco**



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Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Lichtstärke in cd/klm														
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	308.1	308.8	309.3	310.1	310.8	311.3	311.8	312.4	312.9	313.4	313.7	314.3	314.7	315.1	316.0
5,0°	317.7	319.6	321.6	323.5	325.2	326.6	327.6	328.5	329.3	330.1	331.0	332.4	333.0	333.5	333.7
7,5°	334.5	338.4	342.1	345.1	347.7	349.5	351.2	352.4	353.7	354.6	355.3	355.6	355.6	355.3	354.8
10,0°	351.3	358.1	364.1	369.2	373.3	376.6	379.4	381.6	383.3	384.1	384.6	384.4	383.1	381.3	378.6
12,5°	365.0	374.7	383.1	390.4	396.3	402.2	406.9	411.9	413.7	416.2	416.9	416.3	414.2	410.6	405.9
15,0°	374.3	385.3	394.7	402.2	409.1	415.6	422.0	428.1	430.4	433.1	434.2	433.6	431.6	428.4	425.3
17,5°	366.6	377.4	386.3	393.5	400.0	406.2	412.2	417.2	419.8	421.5	421.3	419.8	417.1	413.9	411.0
20,0°	347.4	357.9	364.2	370.8	374.9	380.5	383.7	388.9	389.3	389.1	385.2	383.5	378.6	376.6	370.5
22,5°	337.6	345.7	350.7	355.3	358.9	362.7	365.0	367.5	364.6	359.8	353.3	347.3	340.8	334.2	327.2
25,0°	343.1	350.8	356.8	361.5	366.2	369.4	371.4	370.6	365.9	359.1	351.2	342.5	333.5	323.5	313.5
27,5°	364.4	373.1	379.9	385.6	390.9	395.0	395.9	392.9	387.3	380.2	372.3	364.0	355.5	347.0	337.5
30,0°	383.2	393.7	402.4	410.0	416.8	421.5	422.0	418.2	412.2	405.2	397.5	390.2	383.3	376.7	368.4
32,5°	389.7	403.3	414.6	425.2	434.7	440.7	441.1	437.1	431.2	424.4	417.4	411.8	406.8	402.3	396.2
35,0°	389.9	408.1	422.8	436.2	448.1	454.9	455.0	450.8	444.2	436.7	430.0	424.8	420.3	416.5	413.7
37,5°	389.4	413.4	432.2	449.5	463.9	471.1	469.9	463.8	455.5	446.4	438.5	432.1	426.8	423.8	424.8
40,0°	389.8	420.3	443.7	464.5	480.6	487.4	485.0	477.2	466.8	455.4	445.6	437.8	432.1	430.1	433.0
42,5°	388.6	425.8	453.7	477.2	494.3	500.9	497.4	487.3	474.9	461.5	450.1	442.0	437.8	438.7	442.0
45,0°	382.6	425.9	457.7	483.1	500.5	506.7	502.1	490.3	475.2	459.4	447.1	440.8	440.7	447.7	460.0
46,0°	378.5	424.2	457.4	483.2	500.5	506.5	501.5	489.1	472.7	455.5	442.7	437.9	441.5	453.3	469.4
47,0°	373.1	421.4	456.4	482.8	499.9	505.7	500.5	487.1	469.1	450.4	437.3	434.5	443.8	462.6	479.9
48,0°	367.7	418.5	455.1	481.8	498.7	504.2	498.6	484.5	465.0	444.9	431.9	432.0	447.1	470.0	486.0
49,0°	361.1	414.7	453.0	480.3	496.8	502.0	496.1	481.3	460.4	439.5	427.5	431.0	450.3	474.7	489.4
50,0°	354.0	410.0	450.3	478.1	494.6	499.5	493.4	477.9	455.7	434.5	424.4	431.2	452.1	475.8	489.4
51,0°	346.9	405.0	447.1	475.4	491.9	496.9	490.7	474.6	451.6	431.0	423.2	431.9	452.4	474.4	486.6
52,0°	338.9	399.3	443.0	472.0	488.9	494.4	488.3	471.8	448.7	429.4	423.9	432.9	450.9	469.4	480.7
53,0°	331.3	393.6	439.0	468.6	485.7	491.8	486.1	469.5	447.1	429.9	425.9	434.0	449.2	464.7	475.3
54,0°	323.8	387.7	434.4	464.5	481.9	488.6	483.7	467.9	447.1	432.0	428.6	435.2	447.5	460.6	472.2
55,0°	315.7	381.2	429.2	459.8	477.6	485.1	481.1	466.9	448.4	435.2	431.9	436.8	446.5	458.6	472.3
56,0°	308.5	375.6	424.4	455.3	473.4	481.6	479.1	466.8	450.7	439.1	435.5	438.7	447.2	459.9	475.6
57,0°	301.2	369.6	419.0	450.0	468.5	477.8	477.1	467.3	453.6	443.4	439.3	441.4	449.8	464.8	481.3
58,0°	294.2	363.8	413.9	445.0	463.8	474.3	475.7	468.1	456.6	447.8	443.5	445.5	455.3	472.8	489.0
59,0°	287.8	358.6	409.3	440.2	459.3	471.2	474.9	469.1	459.4	451.9	448.2	451.4	463.7	482.6	496.5
60,0°	281.2	352.9	404.1	434.7	454.0	467.9	474.1	470.1	462.0	455.9	453.5	459.6	476.1	496.8	505.2
61,0°	275.7	348.2	399.8	430.1	449.8	465.3	473.5	471.2	464.6	460.2	459.9	469.9	489.9	509.8	510.1
62,0°	270.9	343.8	395.4	425.6	445.9	463.0	473.1	472.3	467.5	465.0	467.7	481.9	504.6	522.3	512.5
63,0°	266.1	339.3	390.7	421.0	442.6	461.3	472.8	473.6	471.0	471.0	477.7	496.8	522.5	533.2	507.7
64,0°	262.4	336.0	386.9	417.2	439.9	460.0	472.6	475.0	475.0	478.4	490.0	513.9	539.4	539.5	498.2
65,0°	259.0	332.9	383.5	414.0	437.6	459.0	472.4	476.3	479.3	487.3	504.4	532.5	553.7	539.0	483.0
66,0°	256.6	330.6	380.9	411.6	436.4	458.8	472.5	477.9	484.3	498.3	522.3	552.6	564.1	531.2	460.2
67,0°	255.8	329.5	378.9	409.8	435.4	457.7	472.8	480.0	490.4	511.5	543.0	572.8	569.4	519.5	439.1
68,0°	256.9	330.8	380.0	411.0	436.2	457.8	474.1	483.3	497.7	526.9	566.8	593.5	572.4	504.8	412.3
69,0°	262.1	338.0	387.8	418.7	442.0	461.6	478.2	489.1	507.1	545.2	593.9	614.9	578.0	493.5	388.3
70,0°	273.1	354.5	405.0	437.4	458.2	475.8	488.7	500.0	521.1	567.1	619.4	629.6	577.9	474.0	361.2
71,0°	292.3	380.4	434.2	467.9	488.6	502.8	508.0	519.1	543.1	594.3	640.0	629.2	555.4	441.6	324.0
72,0°	318.8	414.0	471.3	505.8	526.0	536.5	532.9	543.9	571.9	624.9	655.4	616.0	525.2	404.9	284.4

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Lichtstärke in cd/klm														
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	316.4	316.7	317.0	317.2	317.9	318.4	318.7	318.5	318.5	318.4	318.7	319.2	319.3	319.4	319.5
5,0°	334.2	333.8	334.5	334.3	334.7	334.4	334.7	334.6	334.1	333.8	333.7	333.1	333.2	332.9	333.0
7,5°	354.1	353.4	352.6	351.5	350.2	349.0	347.8	346.0	344.7	343.2	341.8	340.5	339.2	338.1	337.0
10,0°	376.0	372.5	369.3	365.0	361.2	357.0	352.8	349.2	345.8	342.6	339.7	337.3	335.1	333.0	331.2
12,5°	400.3	393.0	385.1	377.4	369.8	362.7	356.8	351.0	345.7	340.9	336.8	333.2	330.1	327.3	324.8
15,0°	422.3	415.9	407.6	397.9	387.0	376.0	363.8	354.9	346.8	339.9	334.1	328.9	324.4	320.5	317.1
17,5°	407.4	403.1	399.0	393.8	387.9	380.5	368.8	359.1	348.8	339.0	330.7	323.9	318.1	313.0	308.6
20,0°	370.3	364.8	363.7	360.0	358.5	356.2	353.8	350.7	345.5	337.7	328.6	319.8	312.7	307.0	302.0
22,5°	324.7	323.4	323.0	322.5	321.8	321.3	322.5	324.0	325.5	325.9	323.2	317.2	310.3	304.4	299.7
25,0°	305.4	299.2	294.2	291.7	291.4	293.2	296.0	298.2	301.8	306.7	311.3	312.8	311.0	307.2	303.7
27,5°	326.8	314.7	302.3	291.6	283.8	281.8	281.0	282.7	286.5	292.4	300.1	307.7	312.2	312.5	310.8
30,0°	358.5	347.3	334.9	320.1	303.0	290.1	280.6	277.6	279.6	284.8	292.6	302.7	312.5	317.9	318.4
32,5°	390.1	383.0	373.1	358.2	338.8	317.9	298.9	286.6	282.2	285.6	293.9	304.9	316.5	325.1	327.2
35,0°	412.8	410.5	403.1	389.5	370.8	350.0	328.9	311.1	300.6	300.7	308.4	318.5	328.0	335.2	336.5
37,5°	427.9	427.9	422.2	411.3	397.0	383.4	368.5	354.5	342.9	336.3	335.0	337.3	340.2	343.0	343.2
40,0°	436.3	435.4	431.9	430.4	432.0	428.5	419.2	404.4	384.6	363.9	348.8	341.9	339.9	340.5	341.6
42,5°	444.8	449.7	458.7	466.4	467.2	458.0	443.8	422.6	395.1	366.9	344.4	333.2	333.2	338.3	344.5
45,0°	471.7	478.6	481.0	478.9	471.1	456.3	436.7	412.4	386.5	362.1	342.3	332.2	333.6	340.1	345.4
46,0°	481.0	485.1	483.6	476.8	465.0	448.9	429.3	406.9	383.5	360.9	341.8	330.6	329.9	335.0	339.0
47,0°	488.2	488.4	481.5	469.7	455.5	440.6	422.2	401.8	380.0	358.3	338.8	325.5	322.2	325.4	327.7
48,0°	491.2	487.6	477.3	463.5	448.9	433.2	415.5	395.8	374.3	352.4	331.6	315.9	309.3	310.1	309.7
49,0°	491.2	484.0	471.7	457.6	443.2	426.9	408.4	387.8	365.0	342.1	319.7	302.0	292.3	290.6	287.7
50,0°	489.0	479.4	467.2	453.6	437.9	419.4	398.5	375.6	350.3	326.0	302.0	283.0	270.0	266.4	260.2
51,0°	485.7	476.5	465.0	451.1	433.6	410.2	385.4	358.9	331.0	304.9	280.3	259.6	244.7	238.2	231.8
52,0°	482.0	475.5	463.8	447.0	425.1	397.5	367.6	337.4	307.2	280.3	255.6	234.8	218.9	211.2	203.0
53,0°	479.7	476.0	463.1	442.4	415.1	380.2	344.6	311.1	279.6	252.5	228.2	207.9	191.7	182.3	171.4
54,0°	479.7	477.0	462.4	437.7	404.0	360.0	320.0	284.8	253.0	226.4	202.9	183.2	167.5	156.5	144.4
55,0°	482.0	478.2	458.5	424.8	380.3	334.6	292.3	256.3	224.8	199.1	176.9	158.5	143.4	132.2	120.7
56,0°	485.2	478.1	452.2	409.3	358.0	306.7	262.7	226.2	194.9	170.2	149.7	133.5	120.7	111.0	100.4
57,0°	488.5	475.9	439.7	388.7	331.1	279.3	234.3	198.3	167.4	144.5	126.3	113.0	100.6	89.9	79.7
58,0°	490.7	468.6	421.3	362.1	301.7	250.7	205.4	170.2	140.2	120.1	103.6	91.9	79.0	71.2	63.9
59,0°	491.3	459.3	402.7	339.0	277.5	222.8	178.0	143.6	116.0	97.5	83.3	73.4	65.0	59.6	55.0
60,0°	487.7	441.4	375.6	308.4	246.1	194.9	151.0	118.8	94.3	79.1	69.2	62.4	56.3	52.0	48.7
61,0°	479.5	421.8	350.5	281.6	219.5	167.3	125.1	96.3	76.4	65.2	58.8	54.5	50.1	46.7	44.1
62,0°	468.6	402.1	327.6	257.9	195.2	142.7	104.1	79.5	63.7	55.8	52.5	50.0	46.6	43.5	41.4
63,0°	448.5	374.0	296.7	225.8	163.9	119.3	86.3	65.8	53.8	49.6	48.7	47.1	44.1	41.2	39.2
64,0°	429.0	349.4	271.4	199.8	140.1	98.8	71.3	54.6	46.9	45.4	45.5	44.1	41.5	38.9	37.1
65,0°	402.8	321.3	240.0	172.2	116.0	81.9	59.2	47.3	42.7	42.3	42.5	41.0	38.8	36.7	35.0
66,0°	374.2	289.5	209.3	142.9	95.4	67.0	49.8	42.3	39.4	39.3	39.5	38.2	36.0	34.5	32.9
67,0°	348.9	262.5	182.0	120.9	79.2	54.9	43.5	39.0	36.7	36.5	36.6	35.3	33.4	31.9	30.7
68,0°	315.2	226.5	148.9	95.5	60.6	45.7	39.2	36.5	34.4	34.0	33.9	32.9	31.3	30.0	28.8
69,0°	286.1	195.6	124.1	76.6	49.3	39.1	35.9	34.3	32.0	31.4	31.7	30.8	29.0	27.9	26.9
70,0°	252.1	165.7	100.4	61.6	41.0	35.0	33.3	32.4	29.9	29.3	29.7	28.9	27.5	26.7	25.6
71,0°	217.4	134.7	78.5	47.2	34.4	31.5	30.7	30.2	27.6	27.1	27.2	26.7	26.0	25.8	24.9
72,0°	185.4	111.2	61.4	37.3	29.8	28.3	28.1	27.9	25.7	24.9	25.0	24.6	24.6	24.6	23.7

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Lichtstärke in cd/klm														
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	319.6	320.3	320.4	320.5	320.5	320.5	320.6	307.4	306.6	305.7	304.9	304.1	303.3	302.5	301.7
5,0°	332.8	332.3	332.4	332.0	331.9	331.9	331.6	315.8	314.0	312.2	310.1	308.0	305.9	303.8	301.9
7,5°	335.8	334.8	333.9	333.1	332.6	332.3	332.2	330.4	326.4	322.7	319.0	315.0	311.1	307.1	303.3
10,0°	329.4	327.9	326.6	325.5	324.6	324.0	324.0	344.4	337.6	331.0	325.0	318.7	312.8	307.1	301.5
12,5°	322.6	320.6	318.8	317.3	316.2	315.1	315.2	355.2	345.5	336.4	327.9	320.0	312.5	305.2	298.1
15,0°	314.3	311.8	309.6	307.8	306.3	305.1	304.9	362.8	351.5	341.2	332.3	324.8	316.4	308.1	300.0
17,5°	305.0	302.1	299.6	297.6	296.0	294.8	294.4	354.5	342.5	332.0	323.3	317.1	310.9	305.2	300.2
20,0°	297.9	294.7	292.3	290.3	288.9	288.1	287.9	335.9	322.0	310.8	299.8	290.8	282.7	277.5	271.8
22,5°	296.0	293.1	291.0	289.7	289.0	288.8	288.7	326.1	311.7	297.9	284.1	271.1	259.0	247.9	233.0
25,0°	301.4	299.9	298.7	298.2	298.3	298.6	298.5	331.2	315.9	298.6	280.3	260.1	239.3	214.6	187.6
27,5°	309.2	308.4	307.6	307.3	307.4	307.9	308.1	352.2	335.4	315.0	292.1	266.2	235.2	197.2	161.6
30,0°	316.8	315.7	314.8	314.1	313.7	314.0	314.4	369.6	351.6	329.1	302.6	270.7	231.0	186.0	152.9
32,5°	324.4	321.1	318.5	316.5	314.9	313.8	313.7	373.3	352.9	327.9	297.7	258.9	212.1	170.0	147.0
35,0°	331.2	324.6	319.6	316.2	313.4	311.3	310.4	368.2	343.5	314.5	279.1	233.0	183.4	152.3	139.8
37,5°	337.4	328.9	322.2	317.9	314.9	312.6	311.5	360.8	330.0	296.2	252.7	199.6	157.7	138.7	135.4
40,0°	338.4	330.6	323.8	319.3	316.4	314.6	314.1	353.5	315.8	275.9	222.7	168.6	137.6	131.2	131.7
42,5°	346.2	341.7	336.4	334.0	332.2	332.0	331.2	344.6	299.7	250.6	190.5	143.5	126.1	125.5	126.0
45,0°	346.9	342.5	338.3	336.3	336.6	336.8	336.9	331.8	280.5	222.3	160.9	124.3	117.0	118.3	120.2
46,0°	339.6	335.3	331.8	330.6	331.5	331.7	332.1	325.1	271.5	210.7	150.4	118.6	112.9	114.5	117.0
47,0°	327.4	323.1	320.0	318.5	319.7	320.3	321.0	317.3	261.5	198.6	140.4	113.4	110.0	112.1	114.3
48,0°	307.8	302.7	300.0	298.5	300.0	300.0	301.7	309.5	251.7	187.5	132.0	108.8	106.5	109.3	110.9
49,0°	284.6	279.0	276.1	273.5	275.2	274.7	277.1	300.8	240.9	176.0	124.1	104.0	102.1	106.3	107.7
50,0°	257.2	248.9	247.1	241.0	245.0	241.1	247.2	291.3	229.9	164.9	116.7	99.4	98.7	103.4	104.4
51,0°	226.1	216.8	210.7	203.9	204.2	201.1	204.1	282.2	219.2	154.6	110.0	95.2	94.9	99.8	100.4
52,0°	193.4	178.9	171.2	163.6	163.7	160.8	162.9	272.2	207.9	144.5	103.2	91.0	93.1	96.9	96.8
53,0°	157.3	142.6	134.9	129.0	128.7	127.0	127.7	263.1	197.8	135.9	96.6	85.8	92.5	96.3	93.9
54,0°	130.0	116.6	110.4	106.6	106.7	105.2	105.6	254.0	187.8	127.7	89.8	77.9	80.9	90.3	91.2
55,0°	108.7	98.6	93.6	90.3	89.8	87.9	88.4	244.5	177.7	119.9	83.7	70.6	70.0	78.2	84.8
56,0°	89.1	79.9	76.0	73.7	73.4	71.8	72.5	235.9	169.1	113.3	79.2	66.5	65.4	69.3	74.6
57,0°	72.1	66.7	64.0	62.7	62.6	61.2	61.9	227.6	160.9	107.2	75.1	63.5	62.8	65.3	67.5
58,0°	60.4	56.6	55.5	54.6	55.0	53.2	54.3	219.6	153.6	101.8	71.4	60.9	60.8	63.2	64.6
59,0°	52.4	50.1	49.2	48.8	48.9	47.7	48.1	212.3	147.1	97.1	68.2	58.8	58.8	61.2	61.8
60,0°	47.0	45.2	44.5	44.8	44.8	44.1	44.0	205.1	140.7	92.5	65.1	56.9	57.3	59.5	59.6
61,0°	42.9	41.8	41.6	42.3	42.2	41.9	41.9	199.1	135.3	88.4	62.4	55.3	56.1	58.0	57.6
62,0°	40.5	39.5	39.5	40.3	40.4	40.0	40.0	193.8	130.0	83.9	59.4	53.5	54.7	56.4	55.3
63,0°	38.4	37.5	37.5	38.5	38.4	38.2	38.0	187.8	122.6	77.5	55.7	51.3	53.3	54.9	53.4
64,0°	36.3	35.5	35.7	36.4	36.5	36.1	36.1	181.9	113.9	70.4	51.9	48.9	51.1	52.7	51.1
65,0°	34.3	33.6	33.9	34.5	35.1	34.1	33.8	175.7	105.1	64.0	48.3	46.1	48.2	50.1	48.5
66,0°	32.4	31.8	32.3	32.9	33.2	31.9	31.8	171.5	98.8	59.6	45.2	43.6	46.1	47.8	46.3
67,0°	30.3	30.3	30.8	31.0	30.7	29.6	29.7	169.3	95.0	56.0	42.3	41.1	43.1	44.2	42.4
68,0°	28.5	28.7	29.1	29.0	28.2	27.5	27.6	168.9	92.3	52.6	39.2	38.3	40.7	42.0	39.7
69,0°	26.8	26.9	26.8	26.3	25.7	25.3	25.3	171.0	91.1	49.7	36.5	35.5	37.7	38.4	36.7
70,0°	25.3	25.0	24.5	23.8	23.4	23.1	23.2	176.6	91.3	46.9	33.6	32.5	34.1	34.8	33.4
71,0°	24.0	23.1	22.3	21.5	21.3	20.8	21.2	187.1	93.6	44.6	30.8	29.5	30.4	31.1	29.9
72,0°	22.6	21.5	20.5	19.7	19.2	18.9	19.6	202.6	97.4	43.4	29.6	27.0	26.6	27.3	26.5

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Lichtstärke in cd/klm														
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	300.8	300.0	299.2	298.5	297.9	297.2	296.6	295.6	295.1	294.7	293.9	293.0	292.2	291.8	291.4
5,0°	299.9	297.9	295.8	293.9	292.0	290.0	288.1	286.3	285.1	283.1	281.6	279.9	278.1	276.7	275.1
7,5°	299.3	295.5	291.9	288.2	284.6	281.2	277.8	274.5	271.1	268.5	265.5	262.6	259.7	257.0	254.2
10,0°	295.8	290.5	285.1	279.9	274.8	269.7	264.6	259.6	254.3	250.9	245.7	240.6	235.0	228.9	224.1
12,5°	291.1	284.9	278.4	271.7	264.4	256.9	248.5	239.9	230.8	221.7	212.5	203.3	196.6	189.1	183.5
15,0°	292.0	284.1	275.3	264.8	252.6	239.9	227.6	215.3	204.7	194.9	185.8	179.6	174.4	169.4	164.7
17,5°	294.8	286.5	271.0	256.3	241.4	227.2	214.9	204.5	195.6	187.5	180.0	172.4	165.0	157.9	151.1
20,0°	265.4	252.3	241.8	231.6	225.4	220.0	214.3	206.8	197.1	186.1	175.0	164.1	154.5	146.3	139.3
22,5°	216.2	200.7	193.5	192.2	193.9	195.8	196.1	193.8	188.2	179.8	170.0	159.5	149.6	141.1	134.0
25,0°	165.2	153.2	152.2	156.0	159.5	162.5	164.3	165.4	165.1	163.0	158.6	152.3	144.9	136.3	127.5
27,5°	137.8	126.7	123.1	123.9	126.3	131.0	136.3	140.1	141.1	140.2	138.4	135.9	131.3	124.8	117.9
30,0°	135.2	125.1	117.8	113.7	111.8	112.0	113.5	115.5	117.7	119.5	119.7	119.0	115.4	109.3	103.7
32,5°	135.3	128.6	124.1	119.1	114.6	109.5	105.2	102.3	101.4	101.5	101.2	98.6	96.3	94.2	91.4
35,0°	135.5	132.2	127.1	121.5	115.0	108.7	102.7	96.5	90.3	85.3	82.4	80.7	79.5	77.8	76.5
37,5°	134.1	130.4	125.7	118.9	112.1	105.3	96.7	86.7	78.5	73.7	71.1	68.9	68.4	69.0	69.6
40,0°	130.1	126.5	120.3	113.5	106.7	96.5	84.8	76.1	70.8	67.4	65.0	63.4	62.6	62.7	63.7
42,5°	125.1	120.2	113.4	106.5	95.6	83.2	74.7	69.7	66.3	63.3	60.9	59.2	58.7	59.0	59.8
45,0°	118.4	112.1	106.0	95.2	82.0	72.8	67.7	64.4	61.8	59.8	58.1	57.0	56.4	56.3	56.7
46,0°	114.6	108.5	101.3	89.3	77.1	69.3	65.0	62.2	60.2	58.6	57.3	56.4	55.7	55.4	55.7
47,0°	111.3	105.7	97.0	83.9	72.7	66.2	62.5	60.2	58.7	57.5	56.6	55.8	55.2	54.8	54.8
48,0°	107.4	101.8	92.1	78.9	69.0	63.5	60.4	58.6	57.5	56.6	55.8	55.2	54.6	54.2	54.1
49,0°	103.6	97.5	86.4	73.8	65.4	60.9	58.5	57.2	56.4	55.7	55.1	54.5	53.9	53.5	53.4
50,0°	100.6	93.7	81.6	69.5	62.3	58.6	56.9	56.0	55.4	54.8	54.3	53.9	53.3	52.9	52.7
51,0°	97.0	89.0	76.0	65.2	59.5	56.7	55.5	54.8	54.3	53.9	53.5	53.1	52.6	52.2	52.1
52,0°	93.4	84.5	71.3	61.6	57.1	55.1	54.2	53.7	53.3	53.0	52.7	52.3	51.9	51.5	51.4
53,0°	89.7	80.2	67.1	58.7	55.3	53.8	53.0	52.6	52.3	52.1	51.8	51.6	51.2	50.8	50.7
54,0°	85.9	74.6	62.3	55.9	53.6	52.4	51.8	51.5	51.3	51.1	50.8	50.6	50.3	50.1	49.9
55,0°	82.0	70.0	58.6	53.7	52.0	51.1	50.6	50.4	50.3	50.1	49.9	49.7	49.5	49.4	49.2
56,0°	75.1	65.9	56.0	52.0	50.6	49.8	49.3	49.2	49.1	49.1	48.9	48.9	48.8	48.7	48.3
57,0°	66.5	59.5	53.1	50.4	49.2	48.5	48.1	48.0	47.9	47.9	47.9	47.9	47.8	47.8	47.5
58,0°	61.1	53.8	50.2	48.9	47.8	47.2	46.9	46.7	46.6	46.8	46.9	46.9	46.8	46.8	46.7
59,0°	56.8	48.9	46.3	46.6	46.5	46.1	45.7	45.5	45.4	45.6	45.8	45.7	45.7	45.7	45.6
60,0°	54.0	46.5	43.7	44.1	45.1	44.9	44.5	44.2	44.2	44.4	44.6	44.7	44.6	44.7	44.6
61,0°	51.6	44.9	42.4	42.5	43.8	43.7	43.4	43.1	43.1	43.3	43.4	43.5	43.4	43.6	43.5
62,0°	49.0	43.3	41.2	41.4	42.6	42.5	42.2	41.9	41.8	42.0	42.1	42.1	42.1	42.2	42.2
63,0°	46.9	41.9	40.4	40.8	41.5	41.3	41.0	40.8	40.6	40.7	40.8	40.8	40.8	41.0	41.0
64,0°	44.9	40.6	39.6	40.4	40.5	40.1	39.9	39.7	39.4	39.4	39.3	39.5	39.4	39.6	39.5
65,0°	42.5	39.2	38.8	39.7	39.4	38.9	38.6	38.5	38.1	38.0	37.9	38.1	38.0	38.0	38.1
66,0°	40.7	38.1	37.7	38.7	38.3	37.7	37.4	37.2	36.8	36.5	36.4	36.6	36.4	36.5	36.7
67,0°	38.0	36.5	36.4	37.4	37.0	36.4	36.1	35.8	35.3	35.0	34.8	34.8	34.6	34.6	34.8
68,0°	35.8	34.9	35.5	36.0	35.5	34.9	34.6	34.3	33.7	33.3	33.0	33.0	32.9	33.0	33.3
69,0°	33.4	33.3	34.5	34.8	34.0	33.3	33.0	32.7	32.1	31.6	31.2	31.2	31.1	31.2	31.5
70,0°	30.8	31.0	32.7	33.0	32.4	31.6	31.1	30.8	30.2	29.8	29.4	29.6	29.5	29.2	29.5
71,0°	28.2	28.5	30.3	31.0	30.4	29.5	29.0	28.6	28.1	27.8	27.5	27.8	27.4	27.1	27.0
72,0°	25.4	25.9	27.1	28.0	28.0	27.2	26.5	26.2	25.9	25.8	25.6	25.6	24.8	24.6	24.4

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm													Lichtstrom in lm/klm	
0,0°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	0.5	0.5
2,5°	290.8	290.1	289.6	289.3	289.0	288.5	288.4	288.3	287.9	287.7	287.4	287.7	288.1	3.7	4.1
5,0°	273.6	272.1	271.1	269.8	268.7	268.1	267.1	266.4	265.9	265.5	265.0	264.7	264.9	7.4	11.5
7,5°	251.6	249.3	246.8	244.8	242.7	240.9	239.3	237.8	236.7	235.9	235.1	234.5	234.5	11.1	22.6
10,0°	218.0	213.6	208.8	204.6	200.9	197.3	194.4	192.0	189.7	188.2	187.0	185.9	186.6	14.5	37.1
12,5°	178.2	173.7	169.8	166.3	163.3	160.7	158.3	156.5	154.8	153.6	152.7	151.8	152.0	17.8	54.9
15,0°	160.0	155.3	150.9	146.8	143.0	139.8	136.9	134.5	132.5	130.9	129.8	128.9	129.1	21.1	76.0
17,5°	144.9	139.3	134.3	129.9	126.2	123.0	120.3	118.0	116.2	114.9	114.0	113.4	113.1	23.8	99.8
20,0°	133.8	129.3	125.2	121.6	118.0	114.8	111.8	109.2	107.1	105.4	104.5	103.6	103.8	25.4	125.2
22,5°	127.8	122.2	116.9	112.2	107.9	104.1	100.9	98.2	96.1	94.5	93.5	92.8	92.7	26.5	151.7
25,0°	119.2	111.8	105.9	102.0	99.3	97.4	95.6	93.7	91.7	89.9	88.7	87.8	87.7	28.0	179.7
27,5°	110.9	104.4	98.6	94.1	90.8	88.5	86.9	85.7	84.7	83.6	82.8	82.1	82.0	30.5	210.3
30,0°	99.1	95.5	92.2	88.3	83.2	78.3	74.9	72.7	71.4	70.3	69.7	69.2	69.0	33.5	243.8
32,5°	87.0	82.3	78.2	75.1	72.7	70.9	69.5	68.4	67.5	66.7	66.3	65.8	65.8	36.6	280.4
35,0°	75.5	74.4	72.8	70.8	69.0	67.5	66.4	65.6	64.9	64.3	64.0	63.5	63.3	39.5	319.9
37,5°	69.5	69.0	68.6	67.9	66.9	65.9	64.9	63.9	63.0	62.2	61.5	60.9	60.6	42.5	362.5
40,0°	64.9	65.5	65.7	65.4	64.7	63.4	62.3	61.2	60.5	59.7	59.0	58.2	58.2	45.4	407.9
42,5°	60.9	61.9	62.3	62.1	61.7	61.0	60.3	59.7	58.9	58.1	57.1	56.4	56.2	48.1	456.0
45,0°	57.5	58.4	59.2	59.4	59.0	58.3	57.8	57.3	56.8	55.9	55.0	54.1	53.8	34.8	490.8
46,0°	56.4	57.3	57.9	57.9	57.7	57.4	57.3	56.9	56.2	55.4	54.4	53.5	53.2	20.1	510.9
47,0°	55.3	56.2	56.9	57.0	57.0	57.0	56.9	56.4	55.7	54.7	53.6	52.7	52.5	20.2	531.1
48,0°	54.4	55.1	55.9	56.3	56.5	56.5	56.3	55.9	55.3	54.1	53.0	52.0	51.8	20.1	551.2
49,0°	53.6	54.2	55.1	55.7	55.8	55.9	55.8	55.3	54.6	53.3	52.1	51.1	50.9	19.9	571.2
50,0°	52.9	53.5	54.4	55.1	55.4	55.4	55.3	54.7	53.9	52.6	51.3	50.2	49.9	19.6	590.8
51,0°	52.3	52.7	53.6	54.3	54.9	54.9	54.7	54.0	52.9	51.8	50.4	49.1	48.8	19.2	610.1
52,0°	51.6	52.1	52.8	53.8	54.4	54.3	54.0	53.1	52.1	50.8	49.2	48.0	47.6	18.7	628.8
53,0°	50.9	51.4	52.2	53.0	53.6	53.6	53.2	52.3	51.1	49.8	48.2	46.8	46.3	18.2	647.0
54,0°	49.9	50.4	51.4	52.1	52.6	52.7	52.4	51.4	50.0	48.6	47.1	45.7	45.1	17.8	664.8
55,0°	49.2	49.8	50.6	51.3	51.8	51.7	51.5	50.5	49.1	47.5	46.0	44.5	44.2	17.3	682.1
56,0°	48.3	48.8	49.6	50.4	50.9	50.8	50.3	49.3	48.1	46.3	45.0	43.4	43.0	16.8	698.9
57,0°	47.4	47.7	48.6	49.5	50.0	49.8	49.0	48.1	46.7	45.2	43.8	42.5	41.9	16.4	715.3
58,0°	46.5	46.5	47.3	48.3	49.1	48.7	47.9	46.8	45.4	44.0	42.8	41.5	41.0	16.0	731.4
59,0°	45.2	45.2	45.8	46.7	47.6	47.5	46.6	45.4	44.0	42.7	41.5	40.5	40.0	15.7	747.1
60,0°	44.3	43.9	44.3	45.3	46.2	46.1	45.4	44.4	42.8	41.3	40.3	39.5	39.4	15.4	762.5
61,0°	43.1	42.6	42.8	43.8	44.7	44.8	44.3	43.4	41.7	40.0	38.9	38.3	38.4	15.2	777.6
62,0°	41.8	41.3	41.3	42.0	42.9	43.0	42.6	41.8	40.1	38.2	37.3	36.7	36.8	15.0	792.6
63,0°	40.7	40.3	40.1	40.3	41.4	41.4	40.9	39.9	38.2	36.6	35.8	35.3	35.4	14.7	807.4
64,0°	39.5	39.1	38.9	38.9	39.5	39.1	38.8	37.6	36.3	34.7	34.2	33.8	34.1	14.5	821.9
65,0°	38.2	38.2	37.9	37.4	37.3	36.9	36.5	35.4	34.4	32.7	32.3	31.9	32.2	14.3	836.2
66,0°	37.1	37.2	37.0	35.8	35.1	34.2	33.7	33.0	32.3	31.0	30.3	29.9	30.4	14.1	850.3
67,0°	35.6	35.7	35.0	33.4	32.1	31.3	31.1	30.6	30.2	28.9	28.0	27.5	27.8	13.9	864.2
68,0°	34.0	33.8	32.8	31.4	30.1	28.9	28.7	28.0	27.6	26.1	25.7	25.3	25.3	13.7	877.8
69,0°	32.1	31.4	30.9	29.4	28.0	26.1	25.9	25.2	25.1	24.0	23.6	22.7	23.0	13.6	891.4
70,0°	29.5	29.5	28.8	27.2	25.5	23.5	22.8	22.7	22.0	22.2	21.4	20.4	20.5	13.6	905.0
71,0°	27.2	27.6	26.8	24.9	22.8	20.5	19.6	20.5	19.3	20.7	18.9	18.0	18.0	13.6	918.6
72,0°	25.0	24.9	24.4	21.7	20.0	17.7	16.6	17.6	17.3	17.0	15.7	15.0	15.2	13.7	932.3

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Lichtstärke in cd/klm														
73,0°	344.9	447.8	507.5	542.8	561.4	567.1	553.8	566.9	600.3	650.6	660.7	591.8	477.7	349.1	231.2
74,0°	352.2	458.6	518.1	551.3	570.9	574.4	557.7	575.6	615.5	657.3	646.7	555.6	425.9	295.7	179.8
75,0°	324.1	422.3	480.5	511.8	538.1	546.6	531.6	556.8	602.4	629.9	604.7	507.1	371.5	222.9	117.1
76,0°	241.2	309.5	358.5	381.0	417.1	439.4	460.2	496.0	545.8	557.7	526.9	433.9	295.2	139.9	62.5
77,0°	150.2	185.1	212.0	226.8	258.3	284.6	344.4	387.7	438.0	439.6	413.4	330.6	209.0	86.4	36.0
78,0°	84.0	97.0	114.3	117.0	139.8	156.0	222.4	262.1	304.9	299.8	280.3	205.9	112.3	39.9	21.4
79,0°	37.7	43.8	50.1	53.9	65.3	79.2	127.4	158.4	188.8	180.6	159.4	96.4	35.5	15.5	12.4
80,0°	17.0	18.5	20.7	22.2	26.3	31.9	62.5	81.1	99.6	98.2	78.1	38.2	14.5	10.2	9.7
81,0°	8.6	9.0	9.8	10.7	12.1	13.9	26.2	30.6	37.9	40.4	30.7	14.9	8.5	7.6	7.4
82,0°	5.8	6.0	6.4	7.0	7.6	7.8	11.4	11.1	12.4	14.5	10.7	7.1	6.0	5.9	5.6
83,0°	4.4	4.4	4.8	5.1	5.4	5.5	6.2	6.0	6.5	7.5	6.5	5.0	4.4	4.7	4.9
84,0°	3.1	3.1	3.3	3.3	3.6	3.5	3.9	3.8	4.1	4.4	4.3	3.6	3.1	3.2	3.3
85,0°	2.4	2.4	2.5	2.5	2.5	2.3	2.6	2.5	2.7	2.8	2.8	2.5	2.4	2.3	2.5
86,0°	2.0	1.8	2.0	1.8	1.8	1.8	1.9	1.8	1.9	1.8	1.9	1.7	1.6	1.5	1.6
87,0°	1.5	1.5	1.5	1.3	1.3	1.3	1.4	1.3	1.3	1.2	1.3	1.1	1.0	1.0	1.0
88,0°	1.3	1.3	1.2	1.0	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.8	0.8
89,0°	1.0	1.0	1.0	1.1	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	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	0.0	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
		siteco

C- Ebenen	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Lichtstärke in cd/klm														
73,0°	140.1	81.8	45.1	29.6	25.7	25.7	25.8	26.0	24.1	23.0	23.0	22.6	22.9	23.0	21.9
74,0°	96.0	52.5	31.7	24.5	22.9	23.3	23.6	24.0	22.8	21.6	21.4	21.0	21.1	20.8	20.1
75,0°	55.3	31.2	23.0	22.8	22.9	22.2	22.0	22.2	21.4	20.5	20.1	19.8	19.3	19.1	18.4
76,0°	30.4	20.5	18.7	21.3	23.3	22.2	21.7	20.9	19.6	18.9	18.2	17.9	17.3	17.2	16.5
77,0°	20.8	16.4	15.8	16.5	18.3	20.6	21.0	20.0	18.0	17.2	16.2	15.8	15.0	14.9	14.3
78,0°	15.1	13.2	12.9	13.7	14.4	16.9	18.0	18.2	16.9	15.8	14.6	13.9	12.7	12.6	11.8
79,0°	11.2	10.6	10.6	11.5	12.5	13.4	14.0	14.9	14.5	14.0	12.5	11.7	10.5	10.4	9.3
80,0°	8.9	8.4	8.6	9.5	10.0	10.8	10.8	11.1	11.2	11.5	10.8	9.9	8.5	8.2	7.3
81,0°	6.8	6.5	7.1	7.8	7.8	8.3	8.2	8.2	8.5	9.1	9.0	8.5	6.8	6.3	5.7
82,0°	5.5	5.0	5.3	5.9	6.2	6.2	6.2	6.3	6.5	7.2	7.4	6.8	5.3	4.7	4.3
83,0°	4.3	4.2	4.4	4.6	4.2	4.5	4.6	4.7	4.8	5.5	5.6	5.1	4.0	3.6	3.4
84,0°	3.3	3.1	3.4	3.3	2.9	3.1	3.0	3.3	3.5	3.8	4.0	3.7	2.9	2.7	2.5
85,0°	2.3	2.3	2.6	2.1	2.1	2.1	2.0	2.2	2.2	2.6	2.5	2.4	2.0	1.9	1.8
86,0°	1.4	1.8	1.6	1.6	1.2	1.4	1.4	1.5	1.3	1.5	1.4	1.5	1.4	1.4	1.2
87,0°	0.9	0.9	1.1	1.0	1.0	1.0	0.9	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8
88,0°	0.9	0.9	0.5	0.7	0.6	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
89,0°	0.5	0.5	0.5	0.4	0.8	0.5	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.3	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	0.0	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
		siteco

C- Ebenen	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Lichtstärke in cd/klm														
73,0°	20.8	19.7	18.6	17.8	17.2	17.1	17.7	216.1	98.5	42.3	30.5	26.5	24.3	24.2	23.5
74,0°	19.3	18.2	17.0	16.1	15.5	15.3	15.6	214.2	91.6	39.1	30.0	26.7	24.1	22.1	21.4
75,0°	18.0	16.8	15.6	14.5	13.9	13.6	13.6	185.3	74.2	32.2	26.2	24.3	21.8	19.5	18.6
76,0°	16.5	15.2	14.0	12.9	12.2	11.7	11.7	124.9	46.9	23.2	21.4	20.5	18.5	17.2	16.3
77,0°	14.2	12.9	12.0	10.9	10.2	9.7	9.7	73.0	28.3	18.2	17.7	17.2	15.9	14.9	14.4
78,0°	11.9	10.7	10.0	9.2	8.6	7.9	8.1	38.9	19.9	17.5	15.1	14.4	13.1	12.4	12.3
79,0°	9.7	8.5	8.3	7.6	7.2	6.4	6.7	19.9	14.6	16.2	12.7	11.9	11.5	11.0	10.5
80,0°	7.5	6.9	6.4	6.0	5.6	5.1	5.1	11.3	10.3	11.9	9.8	9.5	9.3	8.9	8.6
81,0°	5.9	5.5	5.1	4.7	4.5	4.0	4.1	7.3	7.0	7.5	7.1	7.3	7.1	7.1	6.8
82,0°	4.5	4.1	3.9	3.8	3.6	3.2	3.2	5.4	5.4	5.4	5.5	5.7	5.7	5.6	5.5
83,0°	3.3	3.1	3.0	2.9	2.8	2.5	2.5	4.2	4.3	4.2	4.3	4.3	4.0	4.1	4.2
84,0°	2.4	2.3	2.2	2.2	2.1	2.0	2.1	3.1	3.3	3.2	3.3	3.2	3.3	3.1	3.0
85,0°	1.8	1.6	1.5	1.5	1.5	1.4	1.4	2.4	2.6	2.5	2.6	2.6	2.4	2.4	2.6
86,0°	1.2	1.0	1.0	1.0	1.0	0.9	0.9	1.9	2.0	1.9	2.0	1.9	1.8	1.9	1.8
87,0°	0.8	0.8	0.8	0.7	0.7	0.6	0.7	1.5	1.6	1.6	1.6	1.6	1.5	1.3	1.4
88,0°	0.6	0.6	0.5	0.3	0.5	0.3	0.5	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.1
89,0°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	1.0	1.1	1.1	1.1	1.1	0.9	0.9	0.9
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	0.0	0.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
		siteco

C- Ebenen	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
	Lichtstärke in cd/klm														
γ															
73,0°	22.9	23.6	24.3	25.3	25.5	24.7	24.1	23.8	23.5	23.5	23.4	23.3	22.1	22.2	22.5
74,0°	20.7	21.3	22.0	22.9	23.0	22.4	21.7	21.3	20.9	20.9	20.7	20.3	20.2	20.5	20.9
75,0°	18.0	18.1	18.8	20.0	20.4	20.0	19.2	18.7	18.2	18.0	17.7	17.8	18.2	19.2	19.4
76,0°	15.9	15.9	16.3	17.2	17.6	17.5	16.6	16.2	15.5	15.1	15.0	15.5	15.7	16.3	16.9
77,0°	13.5	13.6	13.5	14.5	14.9	15.1	14.1	13.7	13.0	12.7	12.4	12.4	12.1	13.0	13.8
78,0°	12.0	11.5	11.5	11.9	12.3	12.7	11.7	11.3	10.6	10.3	10.0	9.7	9.7	10.2	10.5
79,0°	10.2	9.9	9.7	9.9	10.3	10.5	9.6	9.2	8.6	8.2	7.9	7.9	7.8	8.0	8.0
80,0°	8.3	8.3	7.9	7.9	8.4	8.4	7.8	7.5	6.9	6.5	6.2	5.9	5.7	5.9	6.0
81,0°	6.8	6.5	6.5	6.4	6.6	6.7	6.3	5.9	5.4	5.0	4.7	4.5	4.2	4.3	4.4
82,0°	5.4	5.3	5.0	5.2	5.4	5.3	5.0	4.7	4.2	3.8	3.5	3.3	3.0	3.1	3.1
83,0°	3.8	4.0	3.8	3.9	4.2	4.2	3.9	3.5	3.1	2.8	2.6	2.4	2.3	2.3	2.0
84,0°	3.1	2.9	2.9	2.9	3.1	3.1	2.9	2.5	2.2	2.0	1.9	1.8	1.6	1.6	1.5
85,0°	2.3	2.2	2.0	2.0	2.2	2.2	2.0	1.8	1.5	1.4	1.3	1.2	1.1	1.1	0.8
86,0°	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.1	1.1	1.0	0.8	0.8	0.7	0.7
87,0°	1.4	1.4	1.4	1.4	1.3	1.1	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6
88,0°	1.1	1.1	1.0	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.6	0.6
89,0°	0.9	1.0	1.2	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6
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	0.0	0.0

C- Ebenen	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-Zone	Summe Phi-Zone
	Lichtstärke in cd/klm													Lichtstrom in lm/klm	
γ															
73,0°	22.9	22.8	21.9	18.7	16.7	14.7	13.4	13.8	14.1	11.9	11.6	11.3	11.7	13.7	945.9
74,0°	21.2	20.7	19.7	15.9	12.8	11.1	10.4	10.6	11.1	9.0	8.6	8.3	8.5	13.2	959.1
75,0°	19.7	18.6	17.3	13.8	10.6	9.1	8.7	8.2	8.7	7.3	7.1	6.5	6.7	12.1	971.3
76,0°	17.0	15.9	14.3	11.8	9.5	7.7	7.2	6.5	6.7	5.4	5.0	4.6	4.6	9.9	981.2
77,0°	14.2	12.9	11.3	8.6	7.1	6.0	5.9	4.8	4.4	3.7	3.2	2.8	3.0	7.2	988.4
78,0°	11.1	10.3	9.0	6.9	5.4	4.5	4.0	3.4	2.9	2.3	1.8	1.6	1.6	4.6	993.0
79,0°	8.5	8.0	7.4	5.5	4.2	3.6	3.1	2.4	2.1	1.5	1.2	0.9	0.9	2.7	995.7
80,0°	6.3	5.8	5.5	4.3	3.3	2.7	2.2	1.8	1.5	1.0	0.7	0.7	0.5	1.6	997.3
81,0°	4.4	4.3	4.1	3.0	2.4	2.0	1.6	1.5	1.0	0.7	0.6	0.5	0.5	0.9	998.2
82,0°	3.0	3.0	3.2	2.2	1.8	1.4	1.2	1.0	0.9	0.5	0.5	0.5	0.5	0.6	998.7
83,0°	1.9	2.0	1.9	1.4	1.2	0.9	0.9	0.8	0.7	0.5	0.5	0.2	0.2	0.4	999.1
84,0°	1.4	1.7	1.2	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.2	0.2	0.2	0.3	999.4
85,0°	1.0	1.0	1.0	0.7	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	999.6
86,0°	0.6	0.6	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.7
87,0°	0.5	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.8
88,0°	0.5	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.9
89,0°	0.6	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	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	0.0	0.0	1000.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
Dimmstufen-Tabelle		siteco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	2870	19.4	19.9	19.6
95	241	252	2723	18.2	18.8	18.5
90	229	250	2588	17.2	17.7	17.4
85	216	248	2441	16.2	16.6	16.4
80	203	246	2294	15.1	15.6	15.4
75	190	243	2147	14.2	14.6	14.4
70	178	241	2011	13.2	13.6	13.4
65	165	238	1864	12.3	12.6	12.4
60	152	235	1717	11.3	11.6	11.4
55	140	232	1582	10.4	10.7	10.6
50	127	229	1435	9.5	9.8	9.6
45	114	225	1288	8.6	8.8	8.7
40	102	221	1153	7.8	8.0	7.9
35	89	216	1006	6.9	7.1	7.0
30	76	210	859	6.1	6.3	6.2
25	63	203	712	5.3	5.4	5.4
20	51	195	576	4.5	4.6	4.6
17	42	188	475	4.0	4.1	4.0

Dimmstufen-Tabelle		Umgebungstemperatur: 5°C				
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	2870	19.2	19.8	19.5
95	241	252	2723	18.1	18.7	18.4
90	229	250	2588	17.2	17.7	17.4
85	216	248	2441	16.1	16.6	16.4
80	203	246	2294	15.1	15.6	15.4
75	190	243	2147	14.1	14.5	14.3
70	178	241	2011	13.2	13.7	13.4
65	165	238	1864	12.2	12.6	12.4
60	152	235	1718	11.3	11.6	11.4
55	140	232	1582	10.4	10.7	10.6
50	127	229	1435	9.5	9.8	9.6
45	114	225	1288	8.6	8.9	8.8
40	102	221	1153	7.8	8.1	8.0
35	89	216	1006	6.9	7.1	7.0
30	76	210	859	6.1	6.3	6.2
25	63	203	712	5.4	5.5	5.4
20	51	195	576	4.6	4.7	4.6
17	42	188	475	4.0	4.1	4.0

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
Dimmstufen-Tabelle		siteco
Umgebungstemperatur: 15°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	2870	19.2	19.8	19.5
95	241	252	2723	18.1	18.7	18.4
90	229	250	2588	17.2	17.6	17.4
85	216	248	2441	16.1	16.6	16.4
80	203	246	2294	15.1	15.6	15.4
75	190	243	2147	14.1	14.5	14.3
70	178	241	2011	13.2	13.6	13.4
65	165	238	1864	12.2	12.6	12.4
60	152	235	1718	11.3	11.6	11.4
55	140	232	1582	10.4	10.7	10.6
50	127	229	1435	9.4	9.7	9.6
45	114	225	1288	8.6	8.8	8.7
40	102	221	1153	7.8	8.0	7.9
35	89	216	1006	6.9	7.1	7.0
30	76	210	859	6.2	6.3	6.2
25	63	203	712	5.3	5.4	5.4
20	51	195	576	4.6	4.7	4.6
17	42	188	475	4.0	4.2	4.1

Lichttechnischer Prüfbefund

Familie Streetlight 21 micro LED	Bestell-Nr.: 5XE1B31G08CB EAN: 4058352739532	LP-Nummer 59065_1099
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Lichtstrom-Tabelle	siteco
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Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	2870.0	19.4
5.0	2870.0	19.2
15.0	2870.0	19.2