

## Lichttechnischer Prüfbefund

**Familie**  
**CITY-LIGHT PLUS LED**



**Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL**  
**EAN: 4058352835111 + 4050737971421**

**LP-Nummer**  
**59108\_19**

**Ausführung** Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig  
**Optik** asymmetrisch, breit strahlend (ST1.2a)  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 2200 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 1460 lm  
 Systemleistung = 12.9 W  
 Lichtausbeute = 113.2 lm/W

**Seriendokumentation**  
**07.07.2022**

**siteco**

**Lichtstärke in cd/klm**

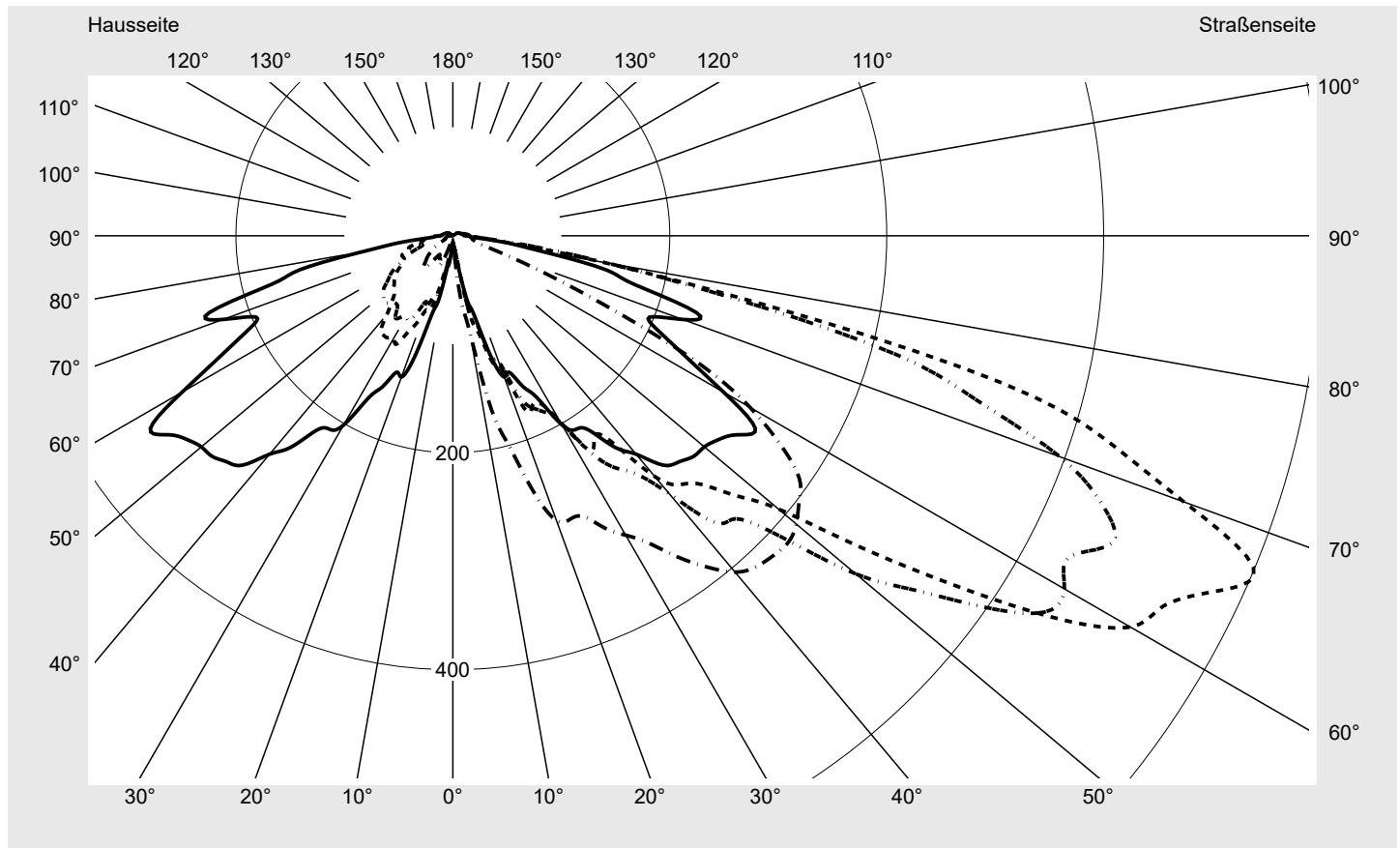
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 799 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	97.3%
Eta 90° - 180°	2.7%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G1
Imax 70°	717.4
Imax 80°	151.6
Imax 90°	15.4
Imax >90°	14.8
Imax >95°	12.0

**Messbedingungen**

DIN EN 13032 und DIN 5032

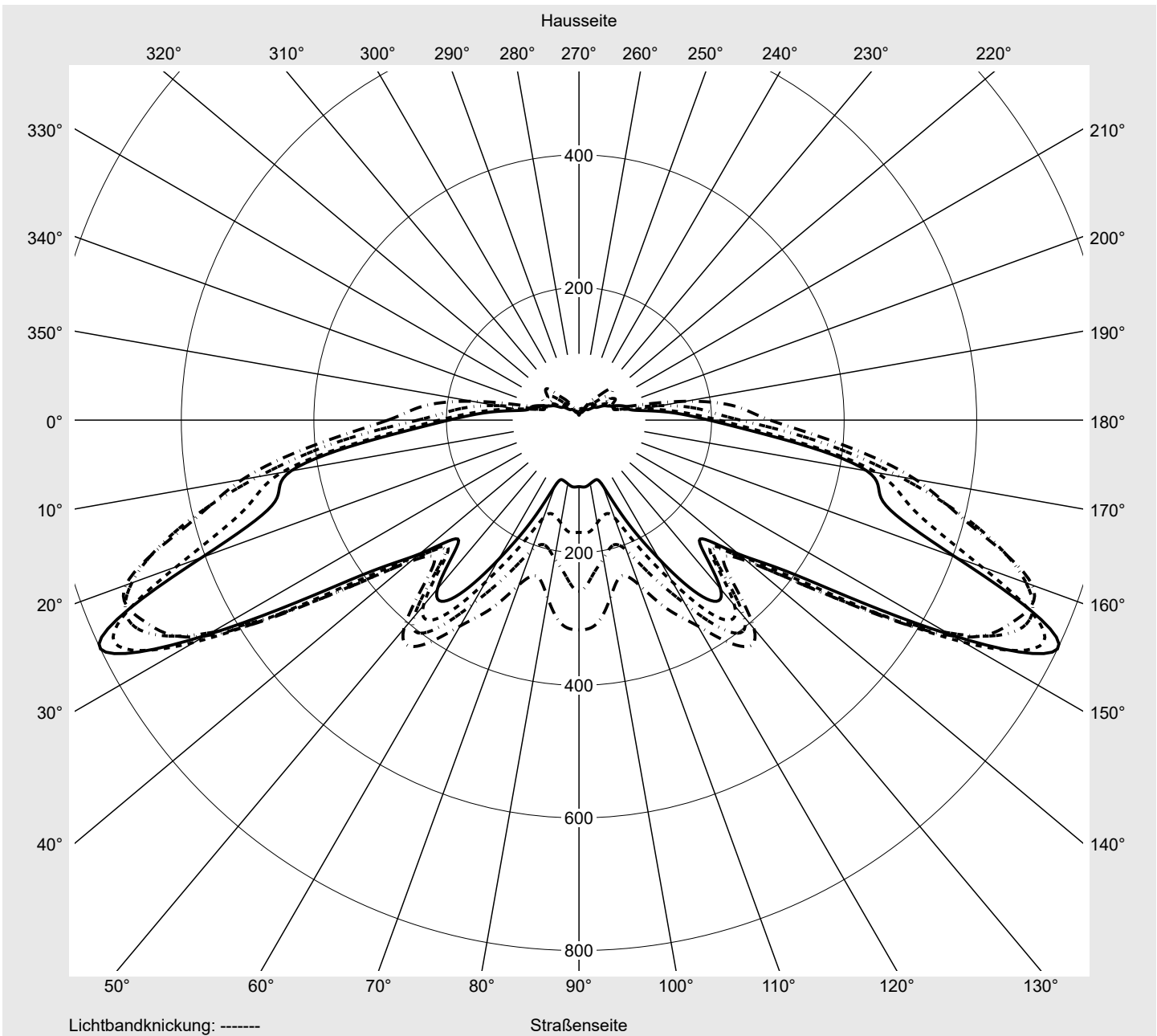
**Lichttechnischer Prüfbefund**

**Familie**  
**CITY-LIGHT PLUS LED**

**Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL**  
**EAN: 4058352835111 + 4050737971421**

**LP-Nummer**  
**59108\_19**

**Kegelmantelkurven in cd/klm**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **siteco**



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL</b> <b>EAN: 4058352835111 + 4050737971421</b>	<b>LP-Nummer</b> <b>59108_19</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
2,5°	7.1	7.1	7.1	7.4	7.7	7.7	7.7	7.7	7.7	7.7	8.0	8.0	8.3
5,0°	9.4	10.3	10.8	12.0	13.1	13.7	13.7	14.3	15.4	16.5	18.0	19.7	20.5
7,5°	26.2	29.4	29.4	27.9	21.7	17.7	14.3	14.3	18.8	24.8	31.1	40.2	45.0
10,0°	30.2	29.9	33.3	34.5	33.1	27.1	23.7	30.2	52.2	69.5	86.7	92.6	91.8
12,5°	61.0	72.1	72.4	68.7	82.1	77.8	81.0	70.7	82.1	80.7	90.9	103.2	124.6
15,0°	75.3	81.0	81.2	86.1	96.1	93.5	81.2	77.0	99.2	122.9	145.7	155.3	160.2
17,5°	116.6	100.6	111.5	101.8	114.9	122.9	116.3	129.4	111.2	139.7	151.1	149.6	171.6
20,0°	138.5	131.7	135.1	138.8	138.5	128.8	122.6	135.4	119.7	159.6	179.6	185.8	187.3
22,5°	136.2	163.0	172.7	177.9	178.7	172.4	159.9	145.9	120.6	150.8	167.6	184.4	210.1
25,0°	153.6	172.2	178.4	181.6	180.1	173.3	175.3	167.6	125.7	165.9	182.1	197.8	240.6
27,5°	168.5	175.6	176.4	184.7	177.9	173.9	183.3	184.7	136.5	195.0	213.5	219.2	268.2
30,0°	201.5	224.9	218.6	222.0	219.2	198.1	198.4	193.0	146.8	225.5	256.8	251.1	290.5
32,5°	211.5	222.9	226.0	237.7	247.4	234.3	236.9	219.8	162.8	246.8	303.3	289.9	311.0
35,0°	218.6	235.2	244.8	245.1	229.2	227.2	261.1	245.7	178.7	262.2	331.8	342.9	354.6
37,5°	246.0	268.2	271.4	267.7	248.6	238.0	276.2	269.9	189.0	293.3	351.2	382.8	395.9
40,0°	262.8	267.7	273.1	284.5	295.3	289.9	310.7	280.8	202.7	325.8	384.8	398.5	426.1
42,5°	286.7	285.6	293.6	303.9	305.0	311.0	358.9	309.6	210.9	349.7	428.1	414.7	451.5
45,0°	294.7	298.4	326.9	340.1	330.6	324.1	368.8	336.1	235.4	352.0	458.9	445.8	466.3
47,5°	301.0	314.7	378.0	396.5	374.3	354.9	411.0	357.2	257.4	364.6	474.3	476.0	472.6
50,0°	302.7	324.7	427.3	427.0	460.9	391.6	484.8	405.3	269.9	362.0	481.4	480.6	469.2
52,5°	308.7	334.9	430.1	442.1	518.5	468.6	536.4	446.7	286.7	354.3	482.6	487.7	462.3
55,0°	319.8	351.5	433.3	495.4	579.8	558.4	596.3	471.7	310.4	352.6	476.6	485.7	436.4
57,5°	330.6	390.8	477.7	558.4	678.1	653.9	645.9	463.2	326.7	340.6	451.8	456.6	410.2
60,0°	288.2	390.5	515.6	611.4	727.7	721.4	651.0	461.5	331.5	311.3	411.0	414.4	358.6
62,5°	243.1	360.6	491.1	621.7	718.0	738.8	640.8	462.3	325.5	286.7	387.1	387.7	320.1
65,0°	210.9	312.4	455.8	522.8	646.2	775.6	670.4	446.4	318.1	279.6	365.1	362.0	282.2
67,5°	196.1	298.7	441.0	474.9	605.1	799.0	648.2	418.4	314.1	256.8	332.1	325.2	242.6
70,0°	225.5	332.1	457.2	492.5	570.4	717.4	595.7	387.7	288.7	232.9	297.3	283.9	199.5
72,5°	235.4	362.9	440.4	470.6	547.6	635.3	508.8	324.1	251.4	186.4	233.4	228.3	157.9
75,0°	173.3	322.4	391.4	408.7	487.7	524.2	423.6	245.1	176.2	101.5	170.2	194.7	135.4
77,5°	144.2	217.8	244.6	285.3	294.7	296.2	261.1	134.5	90.4	76.1	139.7	159.9	114.6
80,0°	84.7	92.9	110.9	151.6	145.7	140.8	145.4	76.7	73.3	55.6	64.1	79.5	49.9
82,5°	51.6	51.6	59.3	83.2	77.5	59.0	73.5	47.6	58.7	35.3	33.9	25.1	19.4
85,0°	22.5	25.1	26.5	28.5	22.5	26.8	33.3	25.9	27.9	23.1	15.4	16.0	16.0
87,5°	16.8	16.0	17.1	18.2	17.4	20.0	19.4	16.0	16.0	14.0	13.1	14.3	14.5
90,0°	11.4	11.7	13.4	14.3	14.3	14.3	14.0	13.4	12.3	11.4	11.7	12.8	14.0
92,5°	10.5	11.1	12.5	13.1	13.1	13.1	13.1	12.5	11.7	10.8	10.8	12.0	12.8
95,0°	10.3	10.5	11.7	12.0	12.0	12.0	12.0	11.4	10.8	10.0	10.3	11.4	12.0
97,5°	9.4	9.7	10.5	10.8	10.8	11.1	10.8	10.5	9.7	9.4	9.1	10.3	10.8
100,0°	8.8	9.1	9.7	10.0	10.0	10.0	10.0	9.4	9.1	8.3	8.6	9.1	9.7
102,5°	8.3	8.3	8.8	8.8	8.8	8.8	8.8	8.3	7.7	7.7	7.7	8.3	9.1
105,0°	7.7	7.7	8.3	8.3	8.3	7.7	7.7	7.7	7.1	7.1	6.8	7.7	8.0
107,5°	7.1	7.4	7.7	7.7	7.4	7.1	7.1	6.8	6.6	6.6	6.8	6.8	7.4
110,0°	6.8	6.8	7.1	7.1	7.1	6.8	6.6	6.3	6.3	6.3	6.3	6.6	7.4
112,5°	6.3	6.6	6.8	6.8	6.6	6.3	6.3	6.0	6.0	6.0	6.3	6.3	6.8

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL</b> <b>EAN: 4058352835111 + 4050737971421</b>	<b>LP-Nummer</b> <b>59108_19</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
2,5°	8.3	8.3	8.3	8.6	8.3	8.6	7.1	7.1	7.1	7.1	7.1	7.1	7.4
5,0°	21.4	22.2	22.5	22.8	22.5	22.2	8.6	8.3	8.0	7.7	7.7	7.4	7.4
7,5°	51.6	55.6	58.4	61.9	62.1	63.8	21.9	18.5	14.5	12.0	10.8	9.4	8.6
10,0°	91.8	89.5	84.1	84.9	86.1	90.6	34.5	37.9	36.2	32.8	27.4	18.5	13.4
12,5°	142.2	154.5	156.8	155.9	159.6	163.6	48.5	39.6	26.8	27.4	33.1	42.5	42.5
15,0°	178.1	187.0	201.5	203.8	198.4	200.7	86.1	73.5	83.8	68.4	56.7	58.7	56.4
17,5°	201.2	214.3	226.3	241.4	246.6	247.4	110.6	123.4	96.6	76.1	72.4	59.3	45.9
20,0°	214.9	228.9	246.3	263.7	275.6	279.3	140.5	129.4	104.3	75.5	73.3	67.6	61.6
22,5°	238.6	248.6	267.4	275.3	279.3	282.8	146.2	114.0	108.9	95.5	87.2	65.8	57.9
25,0°	261.9	272.8	286.5	290.7	289.6	285.6	138.0	126.3	140.5	118.0	97.8	79.2	60.4
27,5°	293.3	298.7	302.1	305.8	303.6	303.9	166.5	135.1	124.6	113.7	112.6	88.1	71.0
30,0°	326.1	325.8	317.2	320.7	319.2	318.7	177.0	154.8	133.1	114.6	108.9	86.1	60.1
32,5°	346.6	352.3	340.3	338.6	335.5	335.8	192.1	161.3	150.8	117.2	111.5	88.9	69.5
35,0°	375.1	383.9	361.4	358.3	362.6	361.4	216.9	170.7	155.1	130.3	111.7	92.4	85.2
37,5°	389.9	399.6	377.4	375.7	380.8	384.8	237.7	190.1	161.0	136.8	108.9	84.1	88.6
40,0°	417.9	418.4	384.8	383.4	394.8	404.8	252.5	197.5	166.2	136.0	94.3	81.5	90.9
42,5°	444.1	415.0	387.4	392.8	402.8	413.9	275.6	204.7	173.3	136.5	84.1	83.2	93.2
45,0°	460.9	409.6	394.8	405.3	411.0	417.3	303.0	220.9	179.9	126.6	76.4	87.8	94.1
47,5°	463.5	406.2	398.2	407.0	417.0	419.0	313.0	229.7	182.7	111.2	74.7	86.4	87.8
50,0°	451.2	393.6	388.8	398.5	413.3	413.3	309.6	226.3	182.7	88.9	70.7	83.5	80.1
52,5°	421.0	375.1	376.5	384.8	401.9	402.5	306.4	226.9	179.0	74.7	68.1	80.4	73.8
55,0°	381.1	345.8	346.9	360.9	385.7	389.9	306.4	222.9	164.8	64.7	64.7	74.1	68.1
57,5°	344.6	301.0	301.3	324.7	353.4	358.0	291.6	199.2	123.4	63.8	60.7	69.0	63.0
60,0°	313.8	264.2	244.0	272.2	308.1	316.4	237.4	163.6	82.9	61.3	55.6	63.3	57.9
62,5°	258.5	208.9	195.8	212.1	234.9	258.2	185.0	125.7	62.4	55.9	51.9	55.0	51.6
65,0°	209.5	156.8	147.9	157.6	169.6	169.3	148.5	97.2	62.7	55.3	49.6	49.9	41.6
67,5°	165.9	105.2	93.8	97.5	101.2	100.3	136.2	85.5	75.0	63.8	50.2	43.3	33.6
70,0°	137.4	83.8	58.4	53.0	51.3	54.2	145.7	89.8	81.5	59.6	48.7	35.3	27.6
72,5°	99.8	70.7	39.9	29.9	28.8	29.1	142.5	87.8	75.8	55.0	42.2	29.4	23.4
75,0°	76.1	41.0	29.1	23.1	22.2	22.2	84.7	72.4	62.4	44.8	41.9	30.8	22.8
77,5°	54.4	26.2	21.7	19.7	19.7	20.0	72.4	56.2	49.9	41.0	35.6	29.4	21.9
80,0°	23.9	18.5	18.0	18.0	18.2	18.2	57.6	51.6	46.7	38.5	32.2	29.4	23.1
82,5°	17.1	16.2	16.2	16.8	17.4	17.7	40.5	40.8	38.5	29.4	27.1	23.9	19.7
85,0°	15.7	15.4	15.7	16.2	16.5	16.5	21.7	24.2	29.4	28.5	25.1	21.7	16.8
87,5°	14.8	14.8	15.1	15.7	16.0	16.0	17.1	19.7	21.9	22.2	20.2	18.0	14.3
90,0°	14.0	14.0	14.5	15.1	15.4	15.4	11.7	11.7	11.1	11.1	10.5	10.0	8.6
92,5°	13.4	13.4	13.7	14.3	14.5	14.8	10.8	10.5	10.5	10.0	9.4	8.8	8.0
95,0°	12.3	12.3	12.8	13.1	13.4	13.7	10.0	10.0	9.4	9.1	8.8	8.3	7.4
97,5°	11.1	11.4	11.7	12.0	12.0	12.0	9.4	9.1	8.8	8.6	8.0	7.7	6.8
100,0°	10.3	10.3	10.5	10.8	10.8	10.8	8.8	8.3	8.3	7.7	7.4	7.1	6.3
102,5°	9.1	9.1	9.7	9.7	9.7	9.7	8.0	7.7	7.4	7.1	6.8	6.6	6.3
105,0°	8.6	8.6	8.8	9.1	8.8	8.6	7.4	7.1	7.1	6.6	6.3	6.3	5.7
107,5°	8.0	8.0	8.3	8.3	8.0	8.0	7.1	6.8	6.6	6.3	5.7	5.7	5.1
110,0°	7.4	7.7	8.0	8.0	8.0	8.0	6.8	6.6	6.3	6.0	5.7	5.4	5.1
112,5°	7.1	7.4	7.4	7.7	7.4	7.4	6.3	6.3	5.7	5.7	5.1	5.1	5.1

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL</b> <b>EAN: 4058352835111 + 4050737971421</b>	<b>LP-Nummer</b> <b>59108_19</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	0.0	0.0
2,5°	7.1	7.4	7.1	7.7	7.7	7.7	7.7	7.4	7.4	7.4	7.4	0.1	0.1
5,0°	7.4	7.4	7.7	7.7	7.4	7.7	7.4	7.4	7.4	7.1	7.4	0.3	0.4
7,5°	8.6	8.0	8.0	8.3	7.7	8.0	8.0	8.0	7.4	7.4	7.4	0.8	1.2
10,0°	10.3	9.7	9.1	8.8	8.8	8.6	8.6	8.0	7.7	7.1	7.4	1.9	3.1
12,5°	32.2	20.8	12.8	10.0	9.4	9.1	8.8	7.7	7.1	7.1	6.8	3.8	6.9
15,0°	45.3	38.8	37.6	28.8	20.8	11.1	9.4	8.0	7.1	7.1	6.8	6.2	13.1
17,5°	36.5	28.2	25.7	19.1	25.4	26.5	18.5	14.8	9.1	8.0	8.0	8.5	21.5
20,0°	58.7	33.1	36.2	26.5	26.2	17.1	10.8	13.7	21.1	20.5	18.2	10.9	32.4
22,5°	47.9	30.2	24.8	22.5	26.5	21.1	13.4	20.2	23.1	25.9	26.2	13.2	45.6
25,0°	40.5	26.5	23.9	21.9	21.7	18.8	15.4	20.8	21.9	26.5	30.2	15.6	61.3
27,5°	40.5	29.9	24.2	21.7	23.7	23.4	25.1	29.6	23.7	24.8	25.1	18.3	79.6
30,0°	43.0	38.2	32.8	26.8	22.8	19.7	20.0	26.2	24.2	24.2	24.5	21.9	101.4
32,5°	59.0	50.2	33.1	28.8	26.5	27.6	25.9	26.2	22.8	22.2	22.8	25.6	127.0
35,0°	89.8	74.4	56.4	46.5	40.5	31.6	24.2	27.6	24.2	21.9	21.1	29.7	156.8
37,5°	97.2	84.7	68.1	59.0	47.6	35.3	25.7	34.5	31.4	26.8	25.7	34.0	190.8
40,0°	97.2	82.9	70.1	63.0	49.9	37.1	31.4	41.3	41.0	37.1	35.9	38.1	228.9
42,5°	100.3	85.5	72.7	66.4	53.3	40.2	33.9	43.0	42.2	40.2	39.9	42.2	271.2
45,0°	101.8	85.8	72.1	66.4	54.2	41.0	34.8	41.6	41.9	38.8	37.1	46.1	317.2
47,5°	98.3	85.2	70.7	64.7	53.3	40.2	34.5	39.3	40.2	35.6	33.6	50.0	367.2
50,0°	92.9	84.1	69.8	64.4	51.3	38.8	33.6	37.1	36.5	31.9	30.8	53.3	420.5
52,5°	85.5	80.1	66.1	61.9	48.2	34.8	30.2	34.2	31.1	28.5	27.4	55.8	476.3
55,0°	78.7	77.0	65.8	60.1	44.8	31.6	27.1	30.5	26.5	24.5	23.4	58.2	534.5
57,5°	71.8	73.3	64.1	56.4	39.1	27.4	22.8	24.8	22.5	21.1	20.5	59.7	594.2
60,0°	65.0	66.7	49.9	39.3	30.5	21.4	18.0	18.2	17.7	16.8	15.4	58.2	652.4
62,5°	55.9	44.8	33.1	29.6	25.1	18.8	16.0	16.0	14.8	11.7	11.4	54.6	707.0
65,0°	40.8	31.1	25.7	24.2	21.4	16.2	14.3	14.0	11.7	10.0	8.0	50.3	757.3
67,5°	30.2	24.2	20.5	19.7	18.0	14.5	12.3	12.0	10.5	8.3	7.4	46.6	803.9
70,0°	23.9	19.4	16.8	16.8	15.7	13.1	10.8	10.8	8.8	7.4	7.4	43.8	847.8
72,5°	19.1	15.7	14.0	14.3	13.1	11.7	9.7	10.0	8.3	7.1	7.4	39.6	887.3
75,0°	17.4	13.1	11.7	11.7	11.4	10.0	9.1	8.8	7.7	6.6	6.8	32.6	919.9
77,5°	15.4	12.0	9.4	9.4	9.1	8.6	8.0	8.0	6.8	6.0	6.3	22.4	942.3
80,0°	14.8	10.3	8.0	7.7	7.7	7.4	6.8	7.1	6.3	5.4	5.7	13.0	955.4
82,5°	14.5	10.0	7.1	7.1	6.8	6.6	6.3	6.6	5.7	4.8	5.1	8.1	963.4
85,0°	11.4	8.3	6.3	6.0	6.3	5.7	5.7	5.7	5.1	4.8	4.6	4.8	968.2
87,5°	10.3	7.4	5.7	5.7	5.7	5.4	5.1	5.7	4.8	4.3	4.6	3.7	971.9
90,0°	6.6	5.4	4.8	5.1	5.1	5.1	4.8	5.1	4.3	4.0	4.0	2.9	974.8
92,5°	6.3	5.1	4.3	4.6	4.6	4.6	4.0	4.3	3.7	3.4	3.4	2.7	977.5
95,0°	5.7	4.8	4.0	4.3	4.0	4.0	4.0	4.0	3.4	3.4	3.4	2.5	979.9
97,5°	5.7	4.8	4.0	4.0	4.0	4.0	3.4	3.7	3.4	2.9	2.9	2.2	982.2
100,0°	5.7	4.6	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.9	2.9	2.1	984.2
102,5°	5.1	4.6	4.0	4.0	3.7	3.4	3.4	3.4	3.4	2.9	2.9	1.9	986.1
105,0°	5.1	4.3	3.7	3.7	3.4	3.4	3.4	3.4	3.1	2.9	2.9	1.7	987.8
107,5°	4.8	4.3	3.7	3.7	3.4	3.4	3.4	3.4	2.9	2.9	2.9	1.6	989.4
110,0°	4.6	4.0	3.7	3.4	3.4	3.4	3.4	3.4	2.9	2.9	2.9	1.5	990.9
112,5°	4.6	4.0	3.7	3.4	3.4	3.4	3.4	3.4	2.9	3.1	3.4	1.4	992.3

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL</b> <b>EAN: 4058352835111 + 4050737971421</b>	<b>LP-Nummer</b> <b>59108_19</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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												
115,0°	6.3	6.3	6.3	6.6	6.3	6.0	6.0	5.7	5.7	5.7	6.0	6.3	6.6
117,5°	5.7	5.7	6.3	6.0	5.7	5.7	5.7	5.4	5.7	5.7	5.7	6.0	6.3
120,0°	5.4	5.7	5.7	5.7	5.4	5.1	5.1	5.1	5.1	5.4	5.7	5.7	5.7
122,5°	4.6	5.1	5.1	5.1	4.8	4.6	4.6	4.6	4.6	4.8	5.1	5.1	5.1
125,0°	3.7	4.0	4.0	4.0	3.7	3.4	3.4	3.4	3.4	3.7	4.0	4.0	4.0
127,5°	2.9	2.9	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6
130,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.7	1.7	1.7
132,5°	1.7	1.7	1.7	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
135,0°	1.7	1.7	1.1	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
137,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.6	0.9	0.9
140,0°	1.1	1.1	1.1	0.9	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
142,5°	1.1	0.9	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	1.1	1.1	1.1	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	0.9	1.1	1.1	1.1	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
180,0°	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

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL</b> <b>EAN: 4058352835111 + 4050737971421</b>	<b>LP-Nummer</b> <b>59108_19</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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												
115,0°	6.8	7.1	7.4	7.4	7.4	7.4	6.0	5.7	5.7	5.1	5.1	5.1	4.6
117,5°	6.6	6.8	7.1	7.4	7.4	7.4	5.7	5.4	5.1	5.1	4.6	4.6	4.6
120,0°	6.3	6.6	6.8	6.8	6.8	6.8	5.1	5.1	4.8	4.6	4.6	4.3	4.0
122,5°	5.4	5.7	6.3	6.3	6.3	6.3	4.6	4.6	4.6	4.0	4.0	4.0	4.0
125,0°	4.0	4.6	4.6	4.6	4.6	4.6	3.4	3.4	3.4	3.4	3.4	3.1	2.9
127,5°	2.6	2.9	2.9	2.9	2.9	2.9	2.6	2.6	2.3	2.3	2.3	2.3	2.3
130,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
132,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.4	1.7	1.4	1.7	1.7	1.7
137,5°	0.9	0.9	0.9	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.4	1.7
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	0.9	0.9	0.9	1.1
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	0.9	1.1	0.9	1.1	1.1
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
180,0°	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

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL</b> <b>EAN: 4058352835111 + 4050737971421</b>	<b>LP-Nummer</b> <b>59108_19</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

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
$\gamma$	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	4.6	4.0	3.4	3.4	3.4	3.4	2.9	3.4	3.4	3.1	3.4	1.3	993.6
117,5°	4.3	4.0	3.4	3.4	3.4	2.9	2.9	3.4	2.9	3.1	3.4	1.2	994.9
120,0°	4.0	3.7	3.4	3.1	2.9	2.9	2.9	2.9	2.9	3.1	3.4	1.1	996.0
122,5°	3.4	3.4	3.1	2.9	2.9	2.3	2.3	2.9	2.9	2.9	2.9	1.0	997.0
125,0°	2.9	2.9	2.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.8	997.8
127,5°	2.3	2.3	2.3	2.3	2.0	1.7	1.7	1.7	2.0	1.7	1.7	0.5	998.3
130,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.4	998.6
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	998.9
135,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	999.2
137,5°	1.7	1.4	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.4
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.6
142,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	999.7
145,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	999.9
147,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	1000.0
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
180,0°	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

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275AF14H + 5XA54000XBL</b> <b>EAN: 4058352835111 + 4050737971421</b>	<b>LP-Nummer</b> <b>59108_19</b>
<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 25°C</b>
<b>siteco</b>		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	1460	12.9	13.3	13.1
95	241	252	1385	12.2	12.6	12.4
90	229	250	1316	11.5	11.9	11.7
85	216	248	1242	10.7	11.1	10.9
80	203	246	1167	10.1	10.5	10.3
75	190	243	1092	9.4	9.8	9.6
70	178	241	1023	8.9	9.1	9.0
65	165	238	948	8.2	8.4	8.3
60	152	235	874	7.6	7.8	7.7
55	140	232	805	7.0	7.2	7.1
50	127	229	730	6.4	6.6	6.5
45	114	225	655	5.8	6.0	5.9
40	102	221	586	5.3	5.4	5.4
35	89	216	512	4.8	4.9	4.8
30	76	210	437	4.3	4.3	4.3
25	63	203	362	3.7	3.8	3.8
24	60	201	345	3.5	3.7	3.6