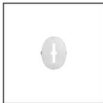


## Lichttechnischer Prüfbefund

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



**Bestell-Nr.: 5XA5275EF14HP + 5XA54000XS**  
**EAN: 4058352835210 + 4050737730073**

**LP-Nummer**  
**59107\_78**

**Ausführung** Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, strukturiert  
**Optik** asymmetrisch, breit strahlend (ST1.2a)  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 3000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 4270 lm  
Systemleistung = 33.6 W  
Lichtausbeute = 127.1 lm/W

**Seriendokumentation**  
**25.01.2024**

**siteco**

**Lichtstärke in cd/klm**

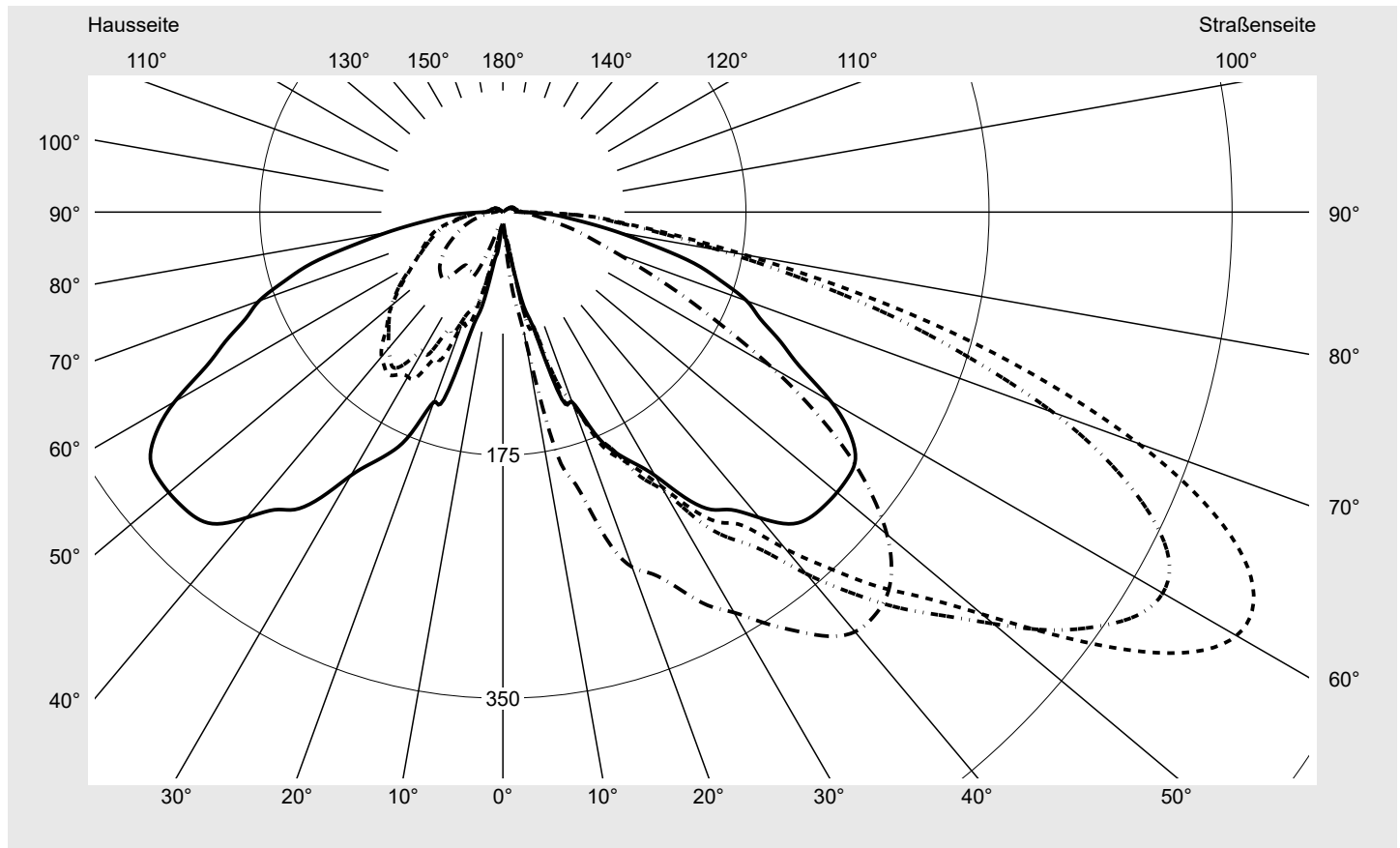
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 610 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	97.2%
Eta 90° - 180°	2.8%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G1
Imax 70°	486.7
Imax 80°	176.6
Imax 90°	16.1
Imax >90°	12.6
Imax >95°	10.8

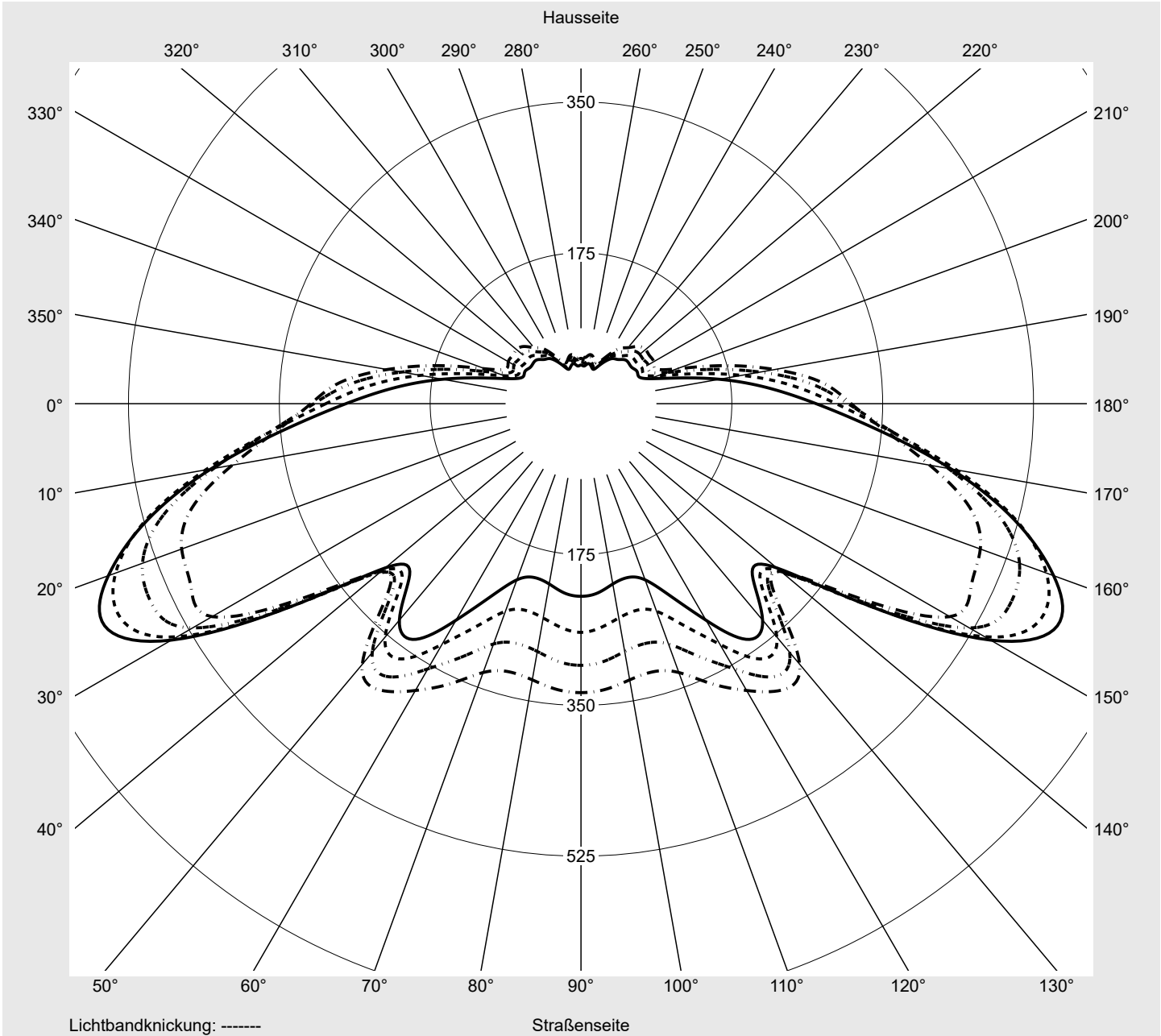
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> CITY-LIGHT PLUS LED	<b>Bestell-Nr.:</b> 5XA5275EF14HP + 5XA54000XS <b>EAN:</b> 4058352835210 + 4050737730073	<b>LP-Nummer</b> 59107_78
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**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**    **siteco**



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275EF14HP + 5XA54000XS</b> <b>EAN: 4058352835210 + 4050737730073</b>	<b>LP-Nummer</b> <b>59107_78</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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
2,5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	11.1	11.1	11.4	11.4	11.7	11.7
5,0°	12.3	13.4	14.3	15.5	16.7	17.6	18.2	18.8	19.7	20.9	23.0	24.8	26.0
7,5°	29.3	30.5	30.8	28.7	24.8	20.0	17.9	19.4	24.5	30.8	38.5	45.1	49.3
10,0°	37.1	34.1	36.8	39.7	38.8	34.4	33.5	41.8	58.9	74.1	85.2	89.3	88.4
12,5°	69.6	85.5	94.1	97.7	92.0	83.7	84.3	76.8	79.5	87.5	100.7	112.6	121.0
15,0°	89.6	82.5	90.8	100.7	100.1	89.0	85.5	89.6	101.0	121.3	137.2	147.3	167.6
17,5°	141.3	148.2	135.7	136.3	142.5	138.9	126.7	114.1	112.1	141.0	154.8	159.9	178.7
20,0°	145.5	161.4	156.6	154.5	156.3	147.3	145.5	134.5	133.3	159.3	177.5	183.5	206.8
22,5°	172.1	187.6	183.2	183.5	181.7	177.5	173.3	151.8	139.8	170.9	196.6	206.8	230.1
25,0°	190.6	205.3	201.7	205.9	201.1	194.5	189.7	167.6	153.9	180.5	214.2	222.3	242.9
27,5°	203.5	216.9	214.5	215.1	210.7	208.3	214.8	184.7	166.4	202.9	244.1	246.8	274.3
30,0°	219.0	233.4	234.6	236.4	229.8	227.7	231.9	199.0	183.2	223.8	263.5	272.2	298.8
32,5°	243.5	256.7	259.1	260.9	254.0	253.7	264.4	223.2	199.9	252.5	308.4	311.9	332.0
35,0°	261.5	273.7	277.9	280.6	273.7	272.8	287.1	241.4	220.8	271.6	335.0	339.1	356.5
37,5°	270.1	280.3	281.8	286.8	281.2	284.8	306.9	256.1	234.3	291.9	359.5	367.8	383.4
40,0°	287.1	299.1	306.9	317.0	311.4	316.4	340.0	280.9	250.4	311.1	388.7	397.4	407.0
42,5°	304.5	317.0	332.0	348.4	340.3	347.8	372.0	306.9	266.2	324.8	404.9	412.0	417.1
45,0°	311.6	328.7	352.6	375.0	371.4	381.0	402.8	330.2	281.5	331.7	410.9	419.2	420.1
47,5°	313.4	335.6	367.2	400.1	401.9	410.6	430.0	352.6	290.4	331.7	411.4	421.3	418.6
50,0°	314.0	343.6	388.4	429.7	440.7	450.3	461.1	374.7	300.3	328.7	405.2	416.8	406.1
52,5°	313.4	353.8	410.9	467.3	493.0	499.6	494.2	392.9	303.0	320.9	394.7	405.8	384.3
55,0°	309.9	360.7	432.7	502.3	541.4	549.5	520.5	403.4	305.7	310.5	376.8	386.9	355.3
57,5°	296.1	359.5	442.2	522.9	574.6	589.2	540.8	409.7	302.1	295.2	353.5	361.5	322.4
60,0°	272.8	345.1	436.0	520.5	583.6	609.9	548.6	410.0	296.4	281.2	327.8	333.8	290.1
62,5°	241.1	320.3	414.4	496.9	567.1	609.3	540.5	398.6	283.9	262.6	300.6	302.7	255.2
65,0°	220.5	296.4	386.9	463.1	536.3	588.3	513.9	378.6	271.3	244.4	273.1	272.2	224.4
67,5°	200.5	277.3	359.2	423.4	490.6	546.5	473.6	347.5	248.3	221.7	246.2	241.1	192.7
70,0°	186.8	259.4	330.2	382.5	438.9	486.7	421.6	311.4	224.7	199.0	216.3	217.5	174.5
72,5°	164.6	233.4	292.5	335.6	378.0	413.8	356.5	265.6	193.6	170.9	187.3	193.3	145.8
75,0°	142.5	197.2	244.7	278.8	310.2	334.7	290.7	217.2	158.1	138.9	147.6	158.7	128.2
77,5°	110.9	153.0	188.5	213.9	235.2	250.7	220.2	163.1	116.8	99.5	115.0	133.3	120.7
80,0°	85.2	112.1	136.6	155.1	167.6	176.6	158.7	120.4	90.5	77.4	83.7	99.2	84.3
82,5°	62.7	80.7	97.4	110.3	117.7	123.1	113.8	90.5	69.9	58.9	59.8	69.3	56.2
85,0°	46.3	57.1	68.1	77.4	81.9	84.9	81.0	66.9	51.1	43.9	43.3	47.8	42.4
87,5°	33.2	40.6	48.4	54.7	57.7	58.9	56.8	47.8	36.2	31.4	32.6	36.5	34.1
90,0°	13.4	13.4	14.9	15.8	16.1	15.8	15.2	13.7	12.6	11.7	12.8	14.0	14.9
92,5°	11.1	11.4	12.3	12.6	12.3	12.3	12.0	11.4	9.9	9.3	9.9	11.1	12.0
95,0°	10.5	10.5	11.4	11.7	11.4	11.1	11.1	10.2	9.3	8.7	9.0	10.2	11.1
97,5°	9.6	9.9	10.5	10.8	10.5	10.2	10.2	9.6	8.7	8.1	8.4	9.6	10.2
100,0°	9.0	9.6	9.9	9.9	9.9	9.6	9.3	9.0	8.1	7.8	8.1	9.0	9.6
102,5°	8.4	9.0	9.3	9.3	9.3	9.0	8.7	8.1	7.8	7.5	7.5	8.4	9.0
105,0°	8.4	8.4	8.4	8.7	8.4	8.4	8.1	7.8	7.5	7.2	7.5	7.8	8.7
107,5°	7.8	7.8	8.1	8.4	7.8	7.8	7.5	7.5	6.9	7.2	7.2	7.5	8.1
110,0°	7.2	7.5	7.8	7.8	7.5	7.2	7.2	6.9	6.6	6.6	6.9	7.2	7.8
112,5°	6.9	7.2	7.2	7.2	6.9	6.9	6.6	6.6	6.6	6.6	6.6	6.9	7.5

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275EF14HP + 5XA54000XS</b> <b>EAN: 4058352835210 + 4050737730073</b>	<b>LP-Nummer</b> <b>59107_78</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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
2,5°	11.7	11.7	11.7	11.7	12.0	12.0	10.8	10.8	10.5	10.8	10.5	10.5	10.2
5,0°	26.9	27.5	28.1	28.4	28.4	28.1	12.0	11.7	11.4	11.1	10.8	10.8	10.5
7,5°	53.5	58.9	63.0	64.5	63.9	62.7	26.6	22.4	18.5	15.5	13.4	12.0	11.4
10,0°	89.3	89.6	92.6	92.6	91.4	92.0	40.3	42.1	38.5	35.6	29.9	22.7	17.3
12,5°	134.5	147.0	155.1	162.0	171.2	176.3	60.7	46.0	36.8	33.8	40.0	42.7	41.2
15,0°	186.5	190.6	198.1	199.9	200.5	203.2	89.6	81.9	77.7	72.9	71.1	66.6	49.6
17,5°	205.3	221.4	237.2	246.8	248.6	245.6	119.8	109.1	103.1	99.8	86.7	74.1	57.4
20,0°	230.7	245.9	252.8	260.6	268.6	271.9	151.5	142.2	116.8	100.1	87.3	80.7	68.1
22,5°	254.0	257.6	270.7	283.3	283.9	282.1	161.1	140.7	129.4	127.9	113.8	95.0	74.4
25,0°	268.9	283.6	291.0	296.7	297.3	298.8	180.2	164.0	150.6	137.2	116.2	93.5	74.4
27,5°	306.0	313.4	313.1	315.2	316.1	319.1	190.9	174.8	160.8	149.7	133.9	115.0	92.3
30,0°	323.6	329.6	332.6	337.0	334.1	332.9	207.1	184.7	164.0	150.0	136.9	114.4	91.7
32,5°	351.4	355.0	355.6	353.5	350.8	350.8	228.0	204.4	177.5	158.4	138.6	127.9	109.4
35,0°	375.3	378.3	373.5	369.9	368.4	368.1	246.2	218.1	188.8	166.4	143.1	136.9	127.3
37,5°	397.7	391.7	381.9	379.5	381.9	384.9	253.4	222.9	190.3	165.2	140.1	133.3	129.4
40,0°	412.3	399.5	387.5	385.8	390.5	394.4	271.6	236.7	198.4	165.8	136.0	127.9	126.7
42,5°	417.7	401.9	388.7	388.7	393.5	395.0	286.3	245.6	202.0	161.7	128.5	121.9	123.7
45,0°	418.3	398.0	384.3	384.6	389.3	390.8	291.6	245.9	198.7	151.8	118.6	116.2	119.8
47,5°	409.4	384.9	372.0	372.9	378.0	379.5	292.2	244.4	194.2	142.2	112.1	110.9	113.2
50,0°	387.8	361.8	350.8	353.5	359.2	361.0	288.6	238.1	182.9	129.7	104.3	104.6	105.5
52,5°	358.6	332.0	322.1	325.4	332.6	335.3	280.9	228.3	170.6	118.3	95.9	97.4	97.1
55,0°	323.6	296.7	288.0	291.9	300.3	303.6	267.4	211.3	153.6	105.8	87.8	89.9	88.7
57,5°	284.5	256.4	248.3	252.5	260.9	265.3	245.0	189.1	133.9	94.7	80.4	81.9	80.4
60,0°	246.5	217.5	208.9	212.4	220.5	223.5	216.0	163.1	115.0	84.9	74.1	75.0	72.6
62,5°	208.9	179.3	169.7	172.7	179.6	179.9	185.9	137.4	99.8	77.4	68.7	68.1	64.8
65,0°	178.1	147.6	137.4	139.2	144.3	144.0	162.0	118.6	88.7	72.3	64.8	63.0	58.6
67,5°	148.8	119.5	108.8	109.1	110.6	112.3	143.4	104.3	81.6	67.8	61.0	58.6	53.2
70,0°	126.4	97.7	87.0	85.5	86.4	88.4	129.1	94.1	75.3	64.2	57.7	54.4	48.1
72,5°	104.9	79.5	68.7	66.0	67.2	70.5	113.5	84.0	69.0	59.2	53.8	50.2	43.0
75,0°	87.3	65.1	55.6	52.3	54.1	58.0	97.1	73.2	61.9	53.8	49.3	46.0	38.8
77,5°	71.7	50.8	43.0	40.6	42.1	45.4	78.3	61.3	52.9	46.6	43.0	40.0	33.8
80,0°	53.5	39.7	33.8	32.0	32.3	33.5	61.3	49.9	44.2	39.4	36.5	34.1	29.0
82,5°	41.8	32.3	27.8	26.0	25.7	26.3	48.4	40.6	36.5	32.9	30.8	29.0	24.8
85,0°	33.8	26.9	23.6	21.8	21.2	20.9	37.4	32.6	29.9	27.2	25.7	23.9	20.9
87,5°	28.7	23.6	21.2	19.4	18.2	17.9	28.4	25.4	23.9	21.8	20.3	19.1	17.3
90,0°	14.6	14.0	13.7	13.4	13.1	13.1	13.4	12.8	12.8	12.3	12.0	11.4	10.8
92,5°	12.0	12.6	12.6	12.3	12.3	12.0	11.4	11.1	10.8	10.2	9.9	9.6	9.0
95,0°	11.4	11.4	11.7	11.7	11.4	11.4	10.2	10.2	9.9	9.3	9.0	8.7	7.8
97,5°	10.5	10.8	10.8	10.8	10.8	10.8	9.6	9.6	9.3	8.7	8.4	7.8	7.5
100,0°	9.9	10.2	10.2	10.2	10.2	10.2	9.0	9.0	8.4	8.1	7.8	7.2	6.9
102,5°	9.6	9.6	9.6	9.6	9.6	9.6	8.4	8.4	7.8	7.5	7.2	6.9	6.3
105,0°	9.0	9.0	9.6	9.6	9.3	9.0	7.8	7.8	7.5	7.2	6.6	6.3	6.0
107,5°	8.4	8.7	9.0	9.0	9.0	9.0	7.2	7.2	6.9	6.6	6.3	6.0	5.7
110,0°	8.1	8.4	8.4	8.4	8.4	8.4	7.2	6.9	6.6	6.3	6.0	5.7	5.4
112,5°	7.8	7.8	8.1	8.4	8.4	8.4	6.6	6.6	6.3	6.0	5.7	5.4	5.1

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275EF14HP + 5XA54000XS</b> <b>EAN: 4058352835210 + 4050737730073</b>	<b>LP-Nummer</b> <b>59107_78</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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	0.0	0.0
2,5°	10.5	10.8	10.5	10.5	10.5	10.8	10.8	10.8	10.5	10.5	10.8	0.1	0.1
5,0°	10.5	10.8	10.8	10.5	10.2	10.2	10.2	10.2	10.5	10.2	10.2	0.4	0.5
7,5°	11.1	10.8	10.8	10.8	10.8	10.8	10.8	10.2	10.2	9.9	10.2	0.9	1.5
10,0°	13.7	12.3	11.7	11.4	11.4	11.4	10.8	10.8	10.2	9.9	9.6	2.0	3.5
12,5°	33.2	24.8	17.0	13.1	12.0	12.0	11.4	10.5	9.9	9.6	9.6	4.1	7.6
15,0°	42.1	47.8	40.6	34.4	21.2	14.6	12.6	11.4	10.5	9.9	9.6	6.4	14.0
17,5°	45.7	37.6	32.9	29.3	35.0	30.8	23.0	20.6	15.5	14.3	13.7	9.3	23.3
20,0°	58.0	54.1	45.7	35.9	35.0	26.9	20.0	25.7	29.9	29.9	27.5	11.9	35.2
22,5°	59.5	50.8	41.5	38.2	37.9	34.4	27.2	35.0	36.8	42.4	42.4	14.9	50.1
25,0°	59.5	49.6	41.5	39.7	39.1	36.2	33.8	38.8	44.2	48.1	51.4	17.8	67.9
27,5°	69.3	54.7	43.3	42.1	42.1	42.7	46.3	52.6	46.9	50.2	49.0	21.3	89.2
30,0°	72.3	61.9	53.8	48.1	43.9	40.3	40.6	49.6	46.3	50.2	49.0	24.6	113.8
32,5°	90.2	73.8	56.5	49.9	49.6	47.8	47.2	50.2	45.1	47.2	47.8	29.0	142.8
35,0°	117.7	100.1	82.8	70.5	61.6	51.7	46.3	50.5	46.3	46.3	46.6	33.5	176.3
37,5°	124.9	111.2	95.0	84.6	70.2	55.9	48.1	55.3	53.8	52.0	52.0	37.2	213.5
40,0°	123.1	108.2	94.7	85.5	71.1	58.6	54.7	62.7	63.3	61.6	62.2	41.4	254.9
42,5°	121.6	107.6	95.0	86.7	72.6	60.1	55.0	63.3	64.8	63.9	64.5	45.1	300.0
45,0°	118.9	106.7	93.8	86.1	72.3	60.4	55.3	61.6	63.6	62.2	63.3	48.1	348.2
47,5°	113.5	103.7	92.0	84.9	71.7	59.2	54.1	60.1	62.2	59.5	61.6	50.5	398.7
50,0°	106.4	98.6	88.4	81.6	69.3	57.4	52.9	58.0	61.0	57.7	59.2	52.3	451.0
52,5°	97.7	93.8	84.9	78.3	66.3	55.0	50.5	55.6	57.7	53.8	55.6	53.7	504.6
55,0°	89.0	86.4	78.6	72.6	62.7	52.3	48.1	52.9	54.4	51.1	52.6	54.2	558.8
57,5°	80.4	78.9	72.3	68.1	59.8	49.9	45.1	48.4	50.8	47.2	49.0	53.5	612.4
60,0°	72.6	72.0	66.9	63.9	57.1	48.4	42.4	45.1	47.2	43.9	44.8	51.8	664.2
62,5°	64.8	65.1	61.9	61.0	55.3	47.2	39.4	41.2	43.3	40.3	40.6	48.9	713.0
65,0°	58.6	59.5	57.4	57.7	53.2	45.4	37.4	37.6	39.4	36.5	37.1	45.7	758.7
67,5°	52.9	54.1	52.6	54.1	50.5	43.3	35.3	34.1	35.0	32.9	32.9	41.9	800.6
70,0°	47.8	49.3	49.3	50.8	48.1	41.8	33.2	31.7	31.1	29.3	29.9	38.1	838.7
72,5°	42.4	43.6	43.9	45.7	43.6	38.2	32.0	29.3	28.1	26.0	26.3	33.5	872.2
75,0°	37.1	37.9	38.2	39.7	37.6	32.9	28.4	26.3	24.5	22.7	22.7	28.3	900.5
77,5°	31.4	31.7	31.4	32.9	31.1	27.2	23.6	22.1	21.2	19.1	19.1	22.5	923.0
80,0°	26.0	25.4	24.5	26.3	25.4	22.4	20.0	18.5	17.6	15.8	15.5	17.1	940.1
82,5°	22.1	20.3	19.7	21.2	20.3	18.8	17.0	15.8	14.6	13.4	12.6	12.9	953.0
85,0°	18.2	16.1	15.5	17.0	16.4	14.9	13.7	13.4	12.3	11.1	10.2	9.7	962.7
87,5°	14.6	12.0	11.4	12.8	12.8	12.3	11.4	11.1	10.5	9.0	7.8	7.4	970.1
90,0°	9.3	7.2	7.5	8.7	9.3	9.3	9.0	8.4	8.1	6.6	6.0	3.3	973.4
92,5°	7.5	5.7	5.7	6.6	7.2	7.2	7.2	6.9	6.3	5.4	4.8	2.7	976.1
95,0°	7.2	5.7	5.1	6.0	6.6	6.3	6.0	6.0	5.7	5.1	4.2	2.5	978.5
97,5°	6.6	5.4	4.8	5.4	5.7	5.7	5.4	5.4	5.1	4.5	4.2	2.3	980.8
100,0°	6.0	5.1	4.5	4.8	5.4	5.1	5.1	4.8	4.8	4.5	4.2	2.1	982.9
102,5°	5.7	4.8	4.2	4.5	4.8	4.8	4.8	4.8	4.5	4.2	4.2	2.0	984.9
105,0°	5.7	4.8	4.2	4.2	4.8	4.2	4.2	4.2	4.2	4.2	3.6	1.8	986.7
107,5°	5.1	4.5	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	3.6	1.7	988.5
110,0°	5.1	4.5	3.9	4.2	4.2	3.9	4.2	4.2	3.9	3.6	3.6	1.6	990.1
112,5°	4.8	4.5	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.5	991.6

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT PLUS LED</b>	<b>Bestell-Nr.: 5XA5275EF14HP + 5XA54000XS</b> <b>EAN: 4058352835210 + 4050737730073</b>	<b>LP-Nummer</b> <b>59107_78</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°
$\gamma$	Lichtstärke in cd/klm												
115,0°	6.6	6.6	6.9	6.9	6.9	6.6	6.6	6.3	6.3	6.6	6.6	6.6	6.9
117,5°	6.0	6.3	6.6	6.6	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.6	6.6
120,0°	6.0	6.0	6.0	6.0	5.7	5.7	5.4	5.4	5.7	6.0	6.0	6.0	6.3
122,5°	5.1	5.4	5.4	5.4	5.1	4.8	4.8	4.8	5.4	5.4	5.4	5.4	5.7
125,0°	4.2	4.2	4.2	4.2	4.2	4.2	3.9	3.9	4.2	4.2	4.2	4.2	4.2
127,5°	3.0	3.0	3.0	3.0	3.0	3.0	2.4	2.4	2.7	2.7	2.7	2.7	2.7
130,0°	1.8	1.8	1.8	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
132,5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.5	1.5	1.2	1.8
135,0°	1.8	1.8	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
137,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.9	1.2	0.6
140,0°	1.5	1.2	1.2	1.2	0.9	0.9	0.9	0.6	0.9	0.6	0.6	0.6	0.6
142,5°	1.8	1.5	1.2	1.2	1.2	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	1.2	1.2	1.5	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.9	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.: 5XA5275EF14HP + 5XA54000XS</b> <b>EAN: 4058352835210 + 4050737730073</b>	<b>LP-Nummer</b> <b>59107_78</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°
$\gamma$	Lichtstärke in cd/klm												
115,0°	7.5	7.8	7.8	7.8	7.8	7.8	6.6	6.0	6.0	5.7	5.4	5.4	4.8
117,5°	7.2	7.5	7.8	7.8	7.8	7.8	6.0	6.0	5.4	5.4	5.1	4.8	4.8
120,0°	6.6	6.9	7.2	7.2	7.2	7.2	5.4	5.4	5.4	4.8	4.8	4.8	4.5
122,5°	5.7	6.3	6.6	6.6	6.6	6.6	5.1	4.8	4.8	4.5	4.2	4.2	4.2
125,0°	4.5	4.8	4.8	4.8	4.8	4.8	3.9	3.9	3.6	3.6	3.6	3.6	3.3
127,5°	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.7	2.7	2.7	2.7	2.7	2.4
130,0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.1	2.4
132,5°	1.2	1.2	1.5	1.5	1.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
135,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8
137,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.5	1.8	1.8	1.5	1.8	1.8
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.8	1.5	1.2	1.2	1.2	1.2	1.2
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	0.9	1.2	1.2	1.2	0.9
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.: 5XA5275EF14HP + 5XA54000XS</b> <b>EAN: 4058352835210 + 4050737730073</b>	<b>LP-Nummer</b> <b>59107_78</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°	4.8	4.5	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.4	993.0
117,5°	4.5	4.2	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.3	994.4
120,0°	4.2	3.9	3.6	3.3	3.0	3.0	3.0	3.3	3.6	3.6	3.6	1.2	995.6
122,5°	3.9	3.9	3.6	3.3	3.0	3.0	3.0	3.0	3.0	3.3	3.6	1.1	996.7
125,0°	3.0	3.0	3.0	3.0	2.7	2.4	2.4	2.7	3.0	3.0	3.0	0.8	997.5
127,5°	2.4	2.4	2.4	2.4	2.4	2.4	2.1	2.1	2.4	2.4	2.4	0.6	998.1
130,0°	2.1	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	1.8	0.4	998.5
132,5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.3	998.8
135,0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.3	999.1
137,5°	1.8	1.5	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.2	999.4
140,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.2	999.5
142,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.9	0.6	0.2	999.7
145,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.2	999.9
147,5°	1.2	1.2	1.2	1.2	1.2	0.9	0.9	1.2	1.2	0.6	1.2	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.: 5XA5275EF14HP + 5XA54000XS</b> <b>EAN: 4058352835210 + 4050737730073</b>	<b>LP-Nummer</b> <b>59107_78</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	4270	33.6	35.9	34.8
95	241	252	4051	31.3	33.5	32.4
90	229	250	3850	29.4	31.4	30.4
85	216	248	3631	27.3	29.2	28.2
80	203	246	3413	25.4	27.1	26.2
75	190	243	3194	23.5	25.1	24.3
70	178	241	2992	21.9	23.3	22.6
65	165	238	2774	20.1	21.4	20.8
60	152	235	2555	18.4	19.5	19.0
55	140	232	2354	16.8	17.9	17.4
50	127	229	2135	15.2	16.2	15.7
45	114	225	1916	13.7	14.5	14.1
40	102	221	1715	12.2	13.0	12.6
35	89	216	1496	10.7	11.3	11.0
30	76	210	1278	9.2	9.7	9.4
25	63	203	1059	7.8	8.2	8.0
20	51	195	857	6.6	6.9	6.8
15	38	184	639	5.2	5.5	5.4
11	28	173	471	4.1	4.4	4.2