

## Lichttechnischer Prüfbefund

Familie  
**CITY-LIGHT 400 LED**

Bestell-Nr.: **5XA5305MF14H + 5XA54000XS**  
EAN: **4058352836033 + 4050737730073**

LP-Nummer  
**59087\_103**



**Ausführung** Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, strukturiert  
**Optik** asymmetrisch, breit strahlend (ST1.2a)  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 2700 K | CRI  $\geq$  70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 1450 lm  
Systemleistung = 11.8 W  
Lichtausbeute = 122.9 lm/W

Seriendokumentation  
**04.11.2022**

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Lichtstärke in cd/klm

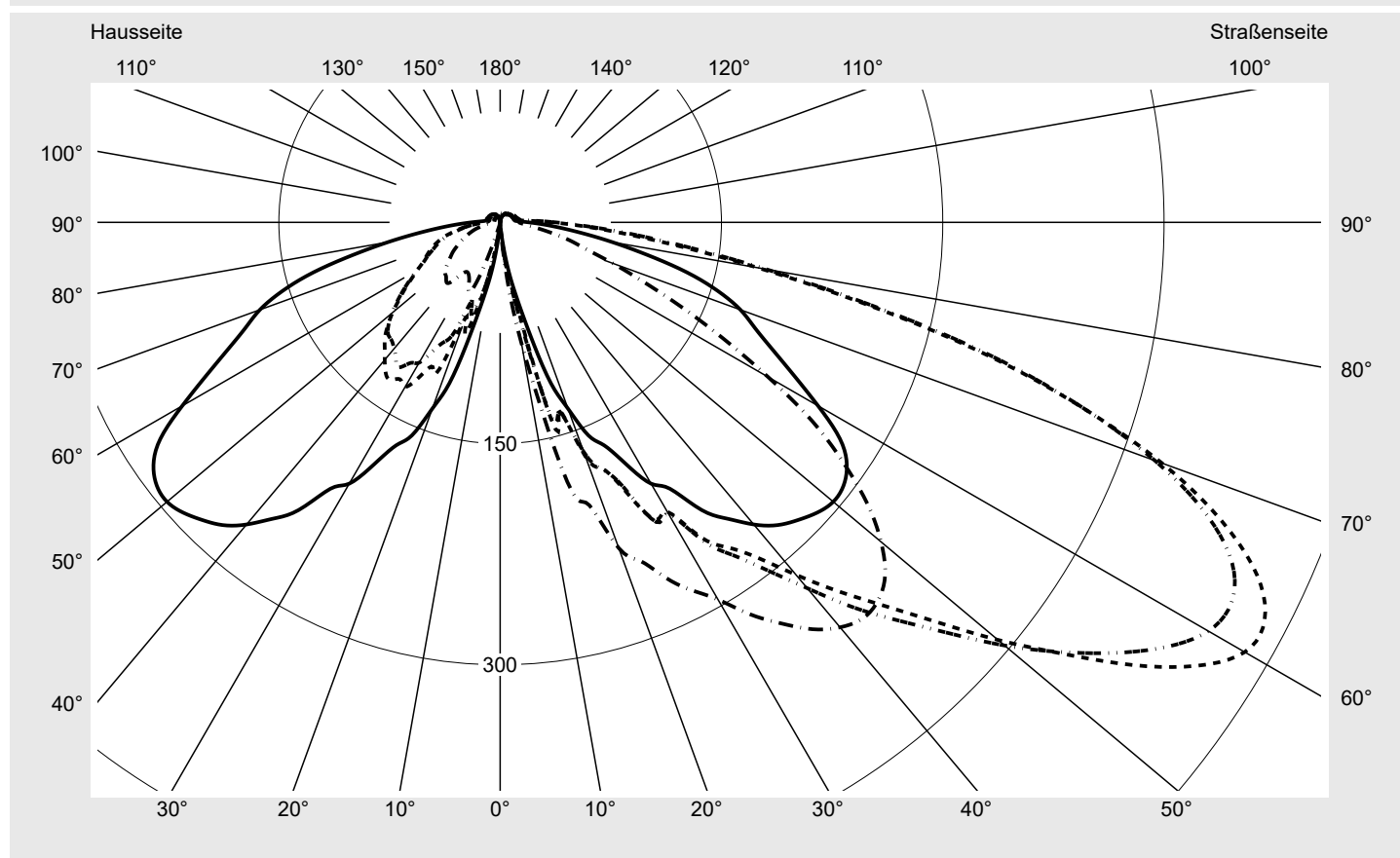
C180-0

C205-25

C210-30

C270-90

Imax: **584 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	95.0%
Eta 90° - 180°	5.0%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G1
Imax 70°	477.4
Imax 80°	183.2
Imax 90°	37.8
Imax >90°	25.1
Imax >95°	16.1

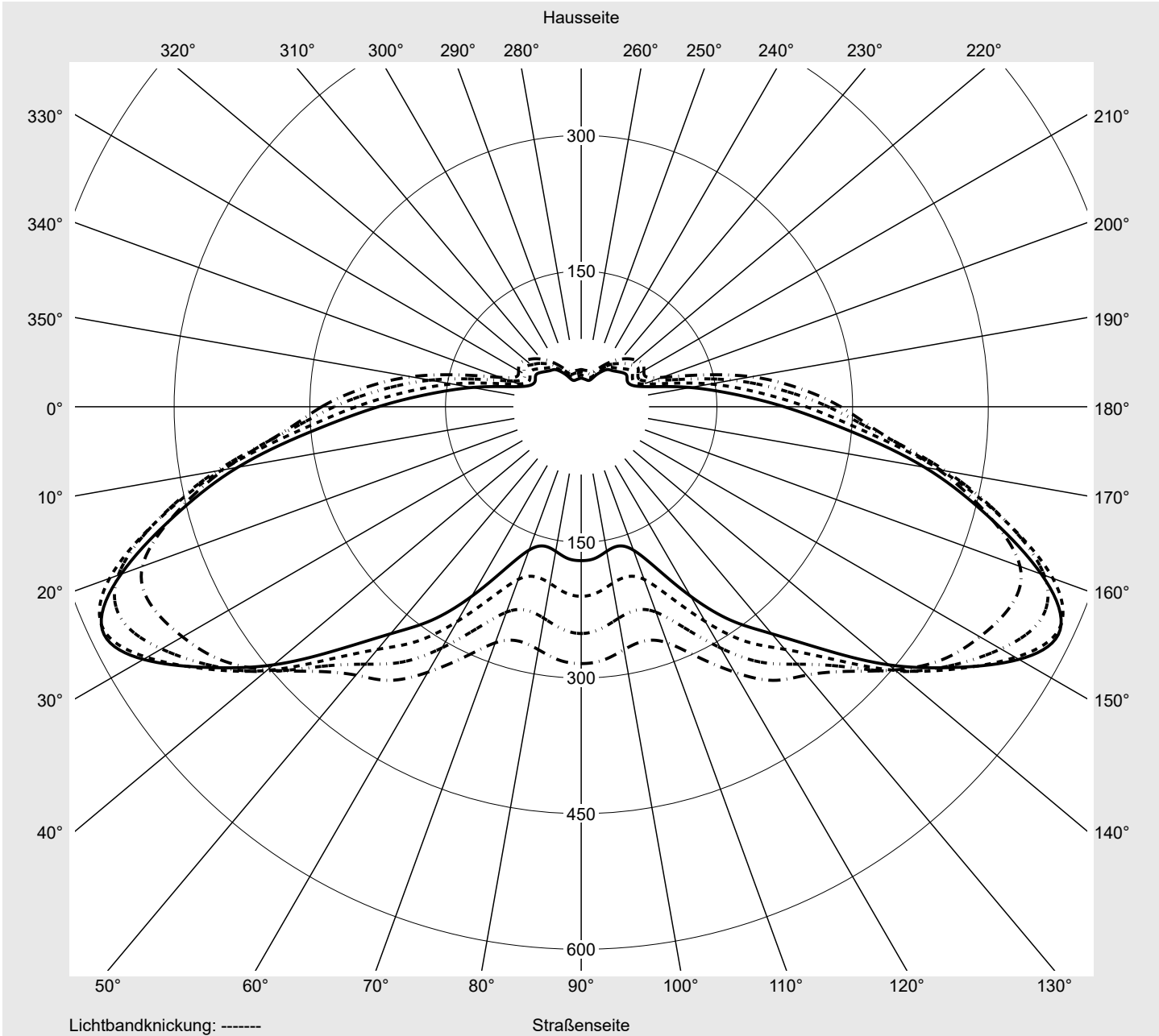
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> CITY-LIGHT 400 LED	<b>Bestell-Nr.:</b> 5XA5305MF14H + 5XA54000XS <b>EAN:</b> 4058352836033 + 4050737730073	<b>LP-Nummer</b> 59087_103
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**Kegelmantelkurven in cd/klm**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**    **KMK 55°**    **siteco**



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<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°	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
2,5°	1.1	1.4	1.4	1.7	1.7	1.7	1.7	1.7	1.7	2.0	2.0	2.0	2.0
5,0°	3.4	4.2	4.8	5.6	6.2	7.0	7.6	8.2	8.5	8.7	9.3	9.6	10.1
7,5°	16.1	19.2	21.7	23.7	25.4	26.8	27.9	28.5	29.6	30.2	31.6	32.7	34.7
10,0°	34.7	36.1	37.5	38.6	44.5	44.5	47.9	51.3	55.2	58.9	64.0	68.2	71.6
12,5°	53.3	63.1	67.9	65.9	71.0	78.1	85.7	95.0	101.7	102.0	103.7	104.5	106.8
15,0°	80.0	90.2	109.9	122.9	146.0	145.4	139.2	132.7	129.6	128.8	134.4	137.0	142.9
17,5°	114.4	111.9	120.3	130.2	139.5	133.6	134.7	143.2	148.5	149.1	158.1	162.9	171.0
20,0°	134.4	151.6	155.0	157.2	163.4	168.8	165.7	164.0	168.2	170.5	177.8	181.2	180.3
22,5°	156.4	153.9	166.5	184.3	184.6	180.6	181.8	184.6	184.3	178.1	182.0	192.5	204.3
25,0°	166.8	178.9	195.6	192.5	198.4	201.2	198.4	201.8	203.5	204.9	212.5	222.6	221.8
27,5°	184.9	199.8	207.4	202.6	213.6	227.4	229.1	232.5	233.6	231.1	235.0	245.2	248.0
30,0°	204.6	214.2	218.7	215.3	221.2	226.6	228.5	239.2	252.2	254.5	260.4	271.6	276.4
32,5°	214.2	219.0	231.6	232.5	242.3	253.1	255.9	268.0	280.9	282.9	291.7	305.5	308.0
35,0°	238.1	243.2	257.3	252.2	260.7	269.1	275.6	290.2	303.8	309.7	322.1	334.5	332.0
37,5°	253.3	259.3	270.2	269.7	278.1	286.6	297.3	311.4	326.3	334.2	347.7	359.6	356.5
40,0°	267.4	271.9	285.5	298.4	307.7	311.9	323.8	337.6	353.4	359.0	370.8	382.1	378.7
42,5°	278.4	287.1	305.5	322.9	333.4	339.3	353.9	366.0	378.2	383.5	392.3	400.4	393.4
45,0°	285.5	300.7	324.1	345.5	363.0	367.5	381.8	394.2	400.7	400.1	404.7	408.6	398.2
47,5°	291.4	312.8	344.6	374.2	396.2	401.0	412.3	421.0	420.7	410.6	408.9	408.6	396.5
50,0°	294.8	323.8	367.5	407.2	434.2	440.4	446.4	448.3	437.6	417.1	407.8	402.7	386.1
52,5°	293.3	330.5	386.6	437.6	474.3	480.5	478.5	470.0	448.6	417.6	400.7	389.4	366.9
55,0°	286.9	332.2	401.3	466.6	516.2	523.3	508.9	487.5	452.8	414.0	387.5	369.4	339.0
57,5°	273.1	329.1	409.2	485.0	544.7	559.6	535.7	499.1	455.7	406.1	371.7	344.6	308.0
60,0°	248.8	315.6	403.5	484.4	554.9	582.7	554.3	505.5	453.7	395.4	350.3	316.7	274.2
62,5°	224.3	295.6	385.5	465.0	541.3	584.2	558.8	502.7	444.1	379.9	327.7	288.3	242.1
65,0°	203.5	275.3	360.4	433.7	510.0	566.1	547.5	487.8	426.1	360.4	304.1	259.8	211.9
67,5°	186.8	258.7	334.5	397.9	467.5	529.5	518.5	456.5	395.6	332.8	278.4	230.5	182.3
70,0°	173.3	242.3	309.7	361.8	420.2	477.4	472.3	413.4	355.9	299.3	247.4	204.3	160.3
72,5°	154.7	217.8	274.7	317.6	363.0	409.7	410.3	360.7	307.2	256.4	215.9	188.5	136.7
75,0°	131.0	184.0	229.9	263.8	299.3	334.2	338.4	298.7	250.2	209.1	173.9	150.2	114.1
77,5°	102.3	141.5	175.6	201.5	226.3	250.2	254.7	225.4	187.4	156.1	138.4	127.1	103.1
80,0°	77.2	103.7	127.4	146.3	162.6	177.5	183.2	166.5	143.7	120.9	106.0	98.3	79.2
82,5°	56.1	73.3	88.8	101.4	111.3	121.2	127.9	121.7	107.4	89.0	74.7	67.3	52.1
85,0°	40.0	51.0	61.1	69.6	76.4	82.0	88.2	85.7	75.2	62.3	52.7	46.8	38.3
87,5°	28.2	35.2	42.0	47.6	52.1	55.0	58.0	56.9	50.7	44.0	38.6	34.9	29.9
90,0°	19.4	22.8	26.5	30.4	33.3	35.2	37.5	37.8	34.7	31.0	28.7	26.8	24.2
92,5°	13.8	15.2	16.9	18.9	20.6	22.0	24.2	25.1	24.2	22.8	22.0	21.4	20.6
95,0°	10.7	11.6	12.1	13.2	13.8	14.7	16.1	16.9	17.2	16.9	17.2	17.5	17.8
97,5°	9.9	10.4	10.7	11.0	11.3	11.8	12.1	12.7	13.2	13.5	13.8	14.7	15.2
100,0°	9.6	9.9	10.4	10.4	10.4	11.0	11.0	11.3	11.3	11.8	12.4	13.0	13.8
102,5°	9.3	9.9	9.9	10.4	10.4	10.4	10.4	10.7	11.0	11.3	11.6	11.8	12.7
105,0°	9.3	9.3	9.9	9.9	9.9	10.4	10.4	10.4	10.7	10.7	11.0	11.3	11.8
107,5°	9.3	9.3	9.6	9.9	9.9	9.9	10.1	10.4	10.4	10.4	10.7	11.0	11.3
110,0°	9.0	9.3	9.3	9.6	9.9	9.9	9.9	10.1	10.1	10.4	10.4	10.7	11.0
112,5°	8.7	9.0	9.3	9.3	9.3	9.9	9.9	9.9	9.9	10.1	10.1	10.4	10.7

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<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°	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
2,5°	2.0	2.3	2.3	2.0	2.0	2.3	1.7	1.7	1.4	1.4	1.4	1.7	1.7
5,0°	10.1	10.7	11.0	11.0	11.0	11.3	3.1	2.5	2.3	2.0	2.0	1.7	2.0
7,5°	36.9	39.7	42.6	44.5	45.9	46.2	12.7	9.6	7.0	5.4	4.2	3.7	3.1
10,0°	74.4	78.1	80.6	81.4	82.6	83.4	32.7	32.1	30.4	25.6	19.4	13.5	9.0
12,5°	110.2	116.1	122.6	128.2	130.8	130.8	47.6	42.8	38.9	39.5	42.0	40.0	30.7
15,0°	151.0	160.9	169.1	180.6	187.1	189.9	74.7	70.4	63.7	63.7	60.9	54.7	50.4
17,5°	183.4	197.3	199.8	204.0	203.7	201.2	108.5	109.1	99.8	89.9	79.2	65.1	55.2
20,0°	185.4	196.7	210.8	224.9	233.0	235.0	122.0	118.9	98.3	81.2	69.0	57.2	48.2
22,5°	217.3	227.4	233.0	239.5	246.6	248.5	142.0	136.4	127.7	116.9	107.9	79.7	59.2
25,0°	232.8	244.3	252.5	261.2	265.2	266.0	156.1	148.2	130.8	118.4	108.2	89.3	67.3
27,5°	261.2	268.8	275.0	279.8	281.2	281.2	167.7	157.0	139.8	127.4	117.8	98.1	73.3
30,0°	289.7	292.8	295.3	296.7	296.7	295.3	182.6	163.4	144.6	135.5	128.8	109.9	86.5
32,5°	315.3	312.5	312.5	313.9	314.8	315.0	194.7	174.4	151.6	135.3	126.2	113.0	95.8
35,0°	337.0	331.7	330.5	331.1	331.4	332.0	219.8	191.6	163.2	143.7	130.2	120.0	111.0
37,5°	359.6	350.8	345.2	343.8	345.5	347.7	236.1	206.0	172.5	147.7	127.7	116.1	112.7
40,0°	375.9	361.5	352.2	351.4	355.6	358.4	246.6	214.2	177.2	146.5	121.7	111.9	111.0
42,5°	386.1	367.5	356.5	356.2	361.3	364.1	256.2	219.8	178.4	141.5	115.8	108.8	109.6
45,0°	387.7	365.8	354.5	355.1	359.9	362.4	262.6	222.3	177.0	135.8	110.5	107.4	108.5
47,5°	380.7	356.8	344.9	346.6	351.1	353.9	265.7	223.7	173.3	127.1	103.1	102.6	103.7
50,0°	363.8	338.2	326.0	328.9	334.8	337.0	264.0	220.1	166.0	117.8	95.2	95.8	97.5
52,5°	338.4	311.7	301.0	304.1	311.4	313.9	255.3	209.4	152.5	106.5	86.5	87.9	90.5
55,0°	305.5	277.8	268.3	272.8	281.2	284.0	240.4	191.1	135.5	95.0	78.9	80.0	82.8
57,5°	269.7	241.8	233.0	237.6	246.6	250.8	220.1	169.4	117.5	83.4	71.3	72.4	76.1
60,0°	231.9	203.2	194.7	198.4	206.3	209.7	192.5	144.8	99.8	73.5	64.8	65.4	68.2
62,5°	197.3	168.8	159.5	162.3	168.5	170.2	166.5	122.6	85.9	66.2	59.2	58.6	61.1
65,0°	166.8	138.1	127.7	129.6	135.3	135.3	145.4	105.7	76.6	61.1	55.5	54.4	55.2
67,5°	138.9	110.7	100.0	100.6	103.1	104.8	129.1	92.4	69.6	56.9	52.1	49.9	50.4
70,0°	116.1	88.8	77.8	76.9	78.3	81.2	115.8	83.1	63.7	53.3	48.8	46.2	45.4
72,5°	95.2	70.7	60.0	58.0	59.7	62.0	101.4	73.0	57.8	48.5	44.5	42.3	40.3
75,0°	78.9	56.9	47.3	45.1	47.1	50.7	86.2	62.8	51.0	43.7	40.3	38.0	35.8
77,5°	65.7	45.1	36.9	34.7	36.4	39.5	68.8	51.9	43.4	37.5	34.7	32.7	30.2
80,0°	51.3	35.2	28.7	27.3	27.9	29.3	53.5	41.7	36.1	31.6	29.3	27.6	25.4
82,5°	37.5	27.6	22.8	21.1	21.7	22.0	40.9	33.3	29.0	25.6	24.2	23.1	20.6
85,0°	29.6	22.5	18.9	17.2	17.2	17.5	31.0	25.9	23.4	21.1	19.7	18.6	16.9
87,5°	24.0	19.4	16.3	14.9	14.4	14.1	22.5	19.4	17.8	16.1	14.9	13.8	12.4
90,0°	20.6	17.5	15.8	14.4	13.2	13.0	16.3	14.7	13.2	12.1	11.0	10.1	9.3
92,5°	18.9	17.2	15.8	14.4	13.5	13.5	12.4	11.3	10.4	9.6	8.7	8.2	7.6
95,0°	17.5	16.9	15.8	14.4	13.8	13.5	10.1	9.6	9.0	8.2	7.9	7.3	6.8
97,5°	16.1	16.1	15.2	14.4	13.8	13.5	9.3	9.0	8.5	7.9	7.6	7.3	6.8
100,0°	14.7	14.9	14.4	13.8	13.2	13.0	9.3	8.7	8.5	7.9	7.3	7.0	6.8
102,5°	13.0	13.8	13.5	13.0	12.7	12.4	9.0	8.7	8.2	7.9	7.3	7.0	6.8
105,0°	12.4	12.4	12.4	12.4	11.8	11.8	8.7	8.7	8.2	7.9	7.3	7.0	6.8
107,5°	11.3	11.8	11.8	11.6	11.3	11.3	8.7	8.7	8.2	7.6	7.3	6.8	6.8
110,0°	11.0	11.3	11.3	11.3	11.3	11.3	8.7	8.5	8.2	7.6	7.3	6.8	6.8
112,5°	10.7	10.7	10.7	10.7	10.7	10.7	8.7	8.2	8.2	7.6	7.3	6.8	6.8

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**siteco**

Wertetabelle Lichtstärkemessung												Maximale Lichtstärke	
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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	0.0
2,5°	1.7	1.7	2.0	2.0	2.0	2.0	1.7	1.7	1.7	2.0	1.7	0.0	0.0
5,0°	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.7	2.0	1.7	1.7	0.1	0.1
7,5°	2.5	2.5	2.5	2.3	2.3	2.0	2.3	2.0	2.0	2.0	1.7	0.6	0.8
10,0°	5.9	4.5	3.4	3.1	2.8	2.5	2.3	2.3	2.3	2.0	2.3	1.7	2.5
12,5°	21.4	15.5	9.3	5.4	4.2	3.4	2.8	2.8	2.5	2.5	2.3	3.5	6.0
15,0°	49.0	44.0	33.5	26.2	18.0	9.3	5.9	4.5	3.9	3.7	3.4	6.3	12.3
17,5°	49.0	42.8	42.0	38.0	29.3	26.5	23.7	18.3	12.4	9.9	9.6	8.7	21.1
20,0°	43.4	41.4	39.5	34.7	34.9	34.7	32.1	32.1	31.8	31.8	31.0	11.1	32.2
22,5°	46.2	40.3	34.9	34.4	34.1	33.8	33.5	39.5	43.4	47.3	49.0	14.0	46.2
25,0°	53.5	40.0	35.2	33.8	34.1	36.1	37.2	40.9	44.2	50.4	50.7	16.9	63.0
27,5°	57.8	43.4	37.5	36.1	38.0	40.9	43.1	44.2	44.2	46.8	45.7	20.2	83.2
30,0°	75.2	61.4	51.0	45.4	42.8	43.7	43.7	41.7	42.0	43.4	42.3	23.5	106.7
32,5°	84.5	71.6	60.9	53.3	50.4	49.3	46.5	42.3	40.6	41.4	40.6	27.3	133.9
35,0°	103.1	87.6	72.7	62.6	55.8	52.4	47.9	43.7	41.7	42.3	41.1	31.6	165.5
37,5°	108.8	95.5	82.0	73.0	65.7	60.3	53.3	48.5	46.5	47.3	46.2	35.7	201.2
40,0°	107.4	95.0	82.6	73.8	67.3	62.6	56.9	54.1	53.0	54.4	53.5	39.6	240.7
42,5°	105.7	95.0	82.6	74.1	66.8	61.4	55.5	53.8	52.7	54.7	54.1	43.2	284.0
45,0°	105.1	95.0	83.4	74.4	66.2	60.0	54.1	52.1	50.7	52.1	51.9	46.4	330.4
47,5°	100.9	91.6	81.7	73.5	65.1	58.0	52.4	50.4	49.0	50.4	50.7	49.1	379.5
50,0°	94.1	87.1	78.1	69.6	62.0	54.7	49.3	47.6	46.5	47.3	47.9	51.3	430.8
52,5°	87.6	81.4	73.5	65.4	57.8	50.7	45.7	44.2	43.7	44.0	44.5	52.6	483.4
55,0°	80.0	75.0	68.8	62.0	54.4	47.3	42.0	40.6	40.6	40.6	41.1	53.1	536.5
57,5°	72.1	67.6	62.3	57.2	50.4	44.5	38.9	37.2	37.8	37.5	38.3	52.7	589.2
60,0°	64.8	60.0	56.4	53.3	47.3	41.1	35.5	33.5	33.8	34.1	34.9	51.2	640.4
62,5°	58.9	55.2	52.4	50.2	44.8	38.6	32.4	30.2	30.4	31.0	31.6	48.9	689.3
65,0°	53.8	51.0	48.5	47.1	42.8	36.6	29.9	26.8	27.3	27.9	28.7	46.0	735.4
67,5°	49.0	46.2	44.5	44.0	40.3	34.1	27.3	24.0	24.2	24.5	25.4	42.5	777.9
70,0°	44.2	41.4	40.0	39.7	37.5	31.6	25.1	21.7	21.7	22.0	22.5	38.7	816.6
72,5°	39.2	36.6	35.8	35.2	33.0	27.9	22.8	19.7	18.9	19.2	19.7	34.1	850.7
75,0°	34.1	31.8	31.0	30.4	27.9	23.4	19.2	17.2	16.3	16.3	16.9	28.6	879.3
77,5°	27.9	26.2	25.1	24.5	22.5	18.9	15.8	13.8	13.5	13.5	13.5	22.6	901.9
80,0°	22.8	21.4	20.3	19.4	17.8	15.5	13.0	11.6	11.0	11.0	11.3	17.2	919.1
82,5°	18.6	16.9	16.1	15.5	13.8	12.4	10.4	9.3	8.7	8.7	9.0	12.6	931.6
85,0°	14.9	13.8	12.7	12.1	11.0	9.3	8.5	7.6	7.0	6.8	6.8	9.2	940.8
87,5°	11.0	9.9	9.0	8.2	7.9	7.0	6.5	5.9	5.4	5.4	5.1	6.6	947.4
90,0°	8.5	7.6	7.0	6.5	5.9	5.6	5.1	5.1	4.5	4.5	4.5	4.8	952.2
92,5°	7.0	6.5	6.2	5.6	5.4	5.1	4.5	4.5	3.9	4.2	3.9	3.6	955.8
95,0°	6.5	6.2	5.6	5.6	5.1	5.1	4.5	4.5	3.9	3.9	3.9	3.0	958.8
97,5°	6.5	6.2	5.6	5.6	5.1	5.1	4.5	4.5	4.2	3.9	3.9	2.7	961.4
100,0°	6.5	6.2	5.6	5.6	5.1	5.1	4.5	4.5	3.9	3.9	3.9	2.5	963.9
102,5°	6.5	6.2	5.6	5.6	5.1	5.1	4.5	4.5	4.2	3.9	3.9	2.4	966.3
105,0°	6.2	5.9	5.6	5.6	5.1	5.1	4.5	4.5	3.9	3.9	3.9	2.3	968.6
107,5°	6.5	5.9	5.6	5.6	5.1	5.1	4.5	4.5	3.9	3.9	3.9	2.2	970.8
110,0°	6.2	5.9	5.6	5.6	5.1	5.1	4.5	4.5	4.2	4.2	3.9	2.1	972.9
112,5°	6.5	6.2	5.6	5.6	5.1	5.1	4.5	4.5	4.2	4.2	3.9	2.1	975.0

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>CITY-LIGHT 400 LED</b>	<b>Bestell-Nr.: 5XA5305MF14H + 5XA54000XS</b> <b>EAN: 4058352836033 + 4050737730073</b>	<b>LP-Nummer</b> <b>59087_103</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°	8.7	9.0	9.0	9.3	9.3	9.6	9.6	9.6	9.9	9.9	10.1	10.1	10.1
117,5°	8.7	8.7	9.0	9.3	9.3	9.3	9.3	9.3	9.6	9.6	9.9	9.9	10.1
120,0°	8.5	8.7	8.7	9.0	9.0	9.0	9.3	9.3	9.3	9.3	9.6	9.6	9.9
122,5°	8.5	8.5	8.7	8.7	8.7	9.0	9.0	9.0	9.0	9.3	9.3	9.6	9.6
125,0°	8.2	8.5	8.5	8.7	8.7	8.7	9.0	9.0	9.0	9.0	9.0	9.3	9.3
127,5°	8.2	8.2	8.5	8.5	8.5	8.7	8.7	8.7	8.7	8.7	9.0	9.0	9.0
130,0°	7.9	7.9	8.2	8.5	8.2	8.5	8.5	8.5	8.5	8.7	8.7	8.7	9.0
132,5°	7.9	7.9	7.9	8.2	8.2	8.2	8.2	8.5	8.5	8.5	8.5	8.7	8.7
135,0°	7.3	7.6	7.9	7.9	7.9	7.9	8.2	8.2	8.2	8.2	8.2	8.5	8.5
137,5°	7.3	7.3	7.3	7.6	7.6	7.9	7.9	7.9	7.9	7.9	8.2	8.2	8.5
140,0°	6.8	7.0	7.3	7.3	7.3	7.6	7.6	7.6	7.6	7.9	7.9	7.9	7.9
142,5°	6.8	6.8	7.0	7.0	7.3	7.3	7.3	7.3	7.3	7.3	7.6	7.9	7.9
145,0°	6.8	6.8	6.8	6.8	7.0	7.0	7.3	7.3	7.3	7.3	7.3	7.3	7.6
147,5°	6.2	6.8	6.8	6.8	6.8	6.8	6.8	7.0	7.3	7.3	7.3	7.3	7.3
150,0°	6.2	6.2	6.2	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.0	7.0	7.3
152,5°	6.2	6.2	6.2	6.2	6.2	6.2	6.8	6.8	6.8	6.8	6.8	6.8	6.8
155,0°	5.6	5.6	5.6	5.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.5	6.8
157,5°	5.1	5.1	5.4	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.2	6.2	6.2
160,0°	4.5	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.6	5.6	5.6
162,5°	3.9	3.9	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.8	5.1
165,0°	3.4	3.4	3.4	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
167,5°	2.8	2.8	2.8	2.8	2.8	3.1	3.1	3.1	3.1	3.1	3.4	3.4	3.4
170,0°	2.3	2.3	2.3	2.3	2.3	2.5	2.3	2.3	2.3	2.3	2.3	2.5	2.3
172,5°	2.3	2.0	2.3	2.3	2.3	2.0	2.3	2.3	2.0	2.0	2.3	2.3	2.3
175,0°	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
177,5°	1.4	1.1	1.4	1.4	1.4	1.1	1.4	1.1	1.1	1.1	1.4	1.7	1.7
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 400 LED</b>	<b>Bestell-Nr.: 5XA5305MF14H + 5XA54000XS</b> <b>EAN: 4058352836033 + 4050737730073</b>	<b>LP-Nummer</b> <b>59087_103</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°	10.1	10.4	10.4	10.1	10.7	10.7	8.7	8.2	7.9	7.6	7.3	7.0	6.8
117,5°	10.1	10.1	10.1	10.1	10.1	10.1	8.2	8.2	7.9	7.6	7.3	6.8	6.8
120,0°	9.9	10.1	10.1	10.1	10.1	10.1	8.5	8.2	7.9	7.6	7.3	7.0	6.8
122,5°	9.6	9.6	9.6	9.6	9.6	9.6	8.2	8.2	7.9	7.3	7.3	7.0	6.8
125,0°	9.6	9.6	9.6	9.6	9.6	9.6	8.2	7.9	7.6	7.3	7.3	6.8	6.8
127,5°	9.0	9.0	9.3	9.3	9.3	9.6	7.9	7.9	7.6	7.3	7.0	6.8	6.8
130,0°	9.0	9.0	9.0	9.0	9.0	9.0	7.9	7.6	7.6	7.3	7.0	6.8	6.5
132,5°	8.7	9.0	9.0	9.0	9.0	9.0	7.6	7.3	7.3	7.0	6.8	6.8	6.2
135,0°	8.5	8.5	8.5	8.5	8.5	8.5	7.3	7.3	7.0	6.8	6.8	6.5	6.2
137,5°	8.5	8.5	8.5	8.5	8.5	8.5	7.0	6.8	6.8	6.5	6.5	6.2	6.2
140,0°	7.9	7.9	7.9	7.9	7.9	7.9	6.8	6.8	6.5	6.2	6.2	5.9	5.6
142,5°	7.9	7.9	7.9	7.9	7.9	7.9	6.8	6.5	6.5	6.2	6.2	5.9	5.6
145,0°	7.6	7.6	7.9	7.6	7.9	7.3	6.5	6.5	6.2	6.2	5.9	5.6	5.6
147,5°	7.3	7.3	7.3	7.3	7.3	7.3	6.2	6.2	6.2	6.2	5.9	5.6	5.6
150,0°	7.3	7.3	7.3	7.3	7.3	7.3	6.2	6.2	6.2	5.9	5.6	5.6	5.6
152,5°	6.8	6.8	6.8	6.8	6.8	6.8	6.2	5.9	5.6	5.6	5.6	5.6	5.6
155,0°	6.8	6.8	6.8	6.8	6.8	6.8	5.6	5.6	5.6	5.6	5.6	5.4	5.4
157,5°	6.2	6.2	6.2	6.2	6.2	6.2	5.1	5.1	5.1	5.1	5.1	5.1	5.4
160,0°	5.6	5.6	5.6	5.6	5.6	5.6	4.5	4.5	4.5	4.5	4.8	5.1	5.1
162,5°	5.1	5.1	5.1	5.1	5.1	5.1	3.9	3.9	3.9	3.9	3.9	3.9	4.2
165,0°	3.9	3.9	4.2	3.9	3.9	3.9	3.4	3.4	3.4	3.4	3.4	3.4	3.4
167,5°	3.4	3.4	3.4	3.4	3.4	3.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8
170,0°	2.8	2.5	2.5	2.5	2.5	2.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3
172,5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.7	1.7	1.7	1.7	1.7
175,0°	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
177,5°	1.4	1.4	1.4	1.7	1.4	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.4
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 400 LED</b>	<b>Bestell-Nr.: 5XA5305MF14H + 5XA54000XS</b> <b>EAN: 4058352836033 + 4050737730073</b>	<b>LP-Nummer</b> <b>59087_103</b>
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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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°	6.5	6.2	5.6	5.6	5.1	5.1	4.5	4.5	4.5	4.5	4.5	2.0	977.0
117,5°	6.5	6.2	5.9	5.6	5.1	5.1	5.1	4.5	4.5	4.5	4.5	1.9	978.9
120,0°	6.5	6.2	5.6	5.6	5.4	5.1	5.1	4.5	4.5	4.5	4.5	1.9	980.7
122,5°	6.5	6.2	5.9	5.6	5.1	5.1	5.1	4.5	4.5	4.5	4.5	1.8	982.5
125,0°	6.5	6.2	5.9	5.6	5.1	5.1	5.1	4.8	4.5	4.5	4.5	1.7	984.2
127,5°	6.2	6.2	5.6	5.6	5.4	5.1	5.1	4.8	4.5	4.5	4.5	1.6	985.9
130,0°	6.2	5.9	5.6	5.6	5.4	5.1	5.1	5.1	4.5	4.5	4.5	1.5	987.4
132,5°	6.2	5.9	5.6	5.6	5.4	5.1	5.1	4.8	4.5	4.5	4.5	1.5	988.9
135,0°	5.9	5.9	5.6	5.4	5.1	5.1	5.1	4.8	4.5	4.5	4.5	1.4	990.2
137,5°	5.6	5.6	5.4	5.1	5.1	5.1	4.8	4.5	4.5	4.5	4.5	1.3	991.5
140,0°	5.6	5.4	5.4	5.1	5.1	4.8	4.5	4.5	4.5	4.5	4.5	1.2	992.7
142,5°	5.6	5.4	5.1	5.1	5.1	4.5	4.5	4.5	4.5	4.5	4.5	1.1	993.8
145,0°	5.6	5.4	5.1	5.1	5.1	4.8	4.5	4.5	4.5	4.5	4.5	1.0	994.8
147,5°	5.6	5.4	5.1	5.1	5.1	4.8	4.5	4.5	4.5	4.5	4.5	0.9	995.7
150,0°	5.6	5.4	5.1	5.1	5.1	5.1	4.8	4.5	4.5	4.5	4.5	0.8	996.5
152,5°	5.4	5.4	5.1	5.1	5.1	5.1	4.8	4.8	4.5	4.5	4.5	0.8	997.3
155,0°	5.4	5.4	5.1	5.1	5.1	4.8	4.8	4.5	4.5	4.5	4.5	0.7	997.9
157,5°	5.6	5.4	5.4	5.1	5.1	5.1	4.8	4.8	4.5	4.5	4.5	0.6	998.5
160,0°	5.4	5.1	5.1	4.8	4.8	4.5	4.5	4.5	4.5	4.2	3.9	0.5	999.0
162,5°	4.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.4	999.3
165,0°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.3	999.6
167,5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	2.8	2.8	2.8	0.2	999.8
170,0°	2.3	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.3	2.3	2.3	0.1	999.9
172,5°	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.1	999.9
175,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	1000.0
177,5°	1.4	1.1	1.4	1.7	1.7	1.4	1.4	1.7	1.7	1.7	1.7	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 400 LED</b>	<b>Bestell-Nr.: 5XA5305MF14H + 5XA54000XS</b> <b>EAN: 4058352836033 + 4050737730073</b>	<b>LP-Nummer</b> <b>59087_103</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	1450	11.8	12.1	12.0
95	241	252	1376	11.1	11.4	11.2
90	229	250	1307	10.6	10.8	10.7
85	216	248	1233	9.9	10.2	10.0
80	203	246	1159	9.3	9.6	9.4
75	190	243	1085	8.7	9.0	8.8
70	178	241	1016	8.2	8.4	8.3
65	165	238	942	7.6	7.7	7.6
60	152	235	868	7.0	7.2	7.1
55	140	232	799	6.5	6.6	6.6
50	127	229	725	6.0	6.1	6.0
45	114	225	651	5.4	5.6	5.5
40	102	221	582	5.0	5.1	5.0
35	89	216	508	4.5	4.6	4.6
30	76	210	434	4.0	4.0	4.0
26	65	204	371	3.6	3.7	3.6