

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT 400 LED

Bestell-Nr.: 5XA5305BF14HP
EAN: 4058352835876

LP-Nummer
58724_33



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 2200 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 3890 lm Systemleistung = 33.6 W Lichtausbeute = 115.8 lm/W

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

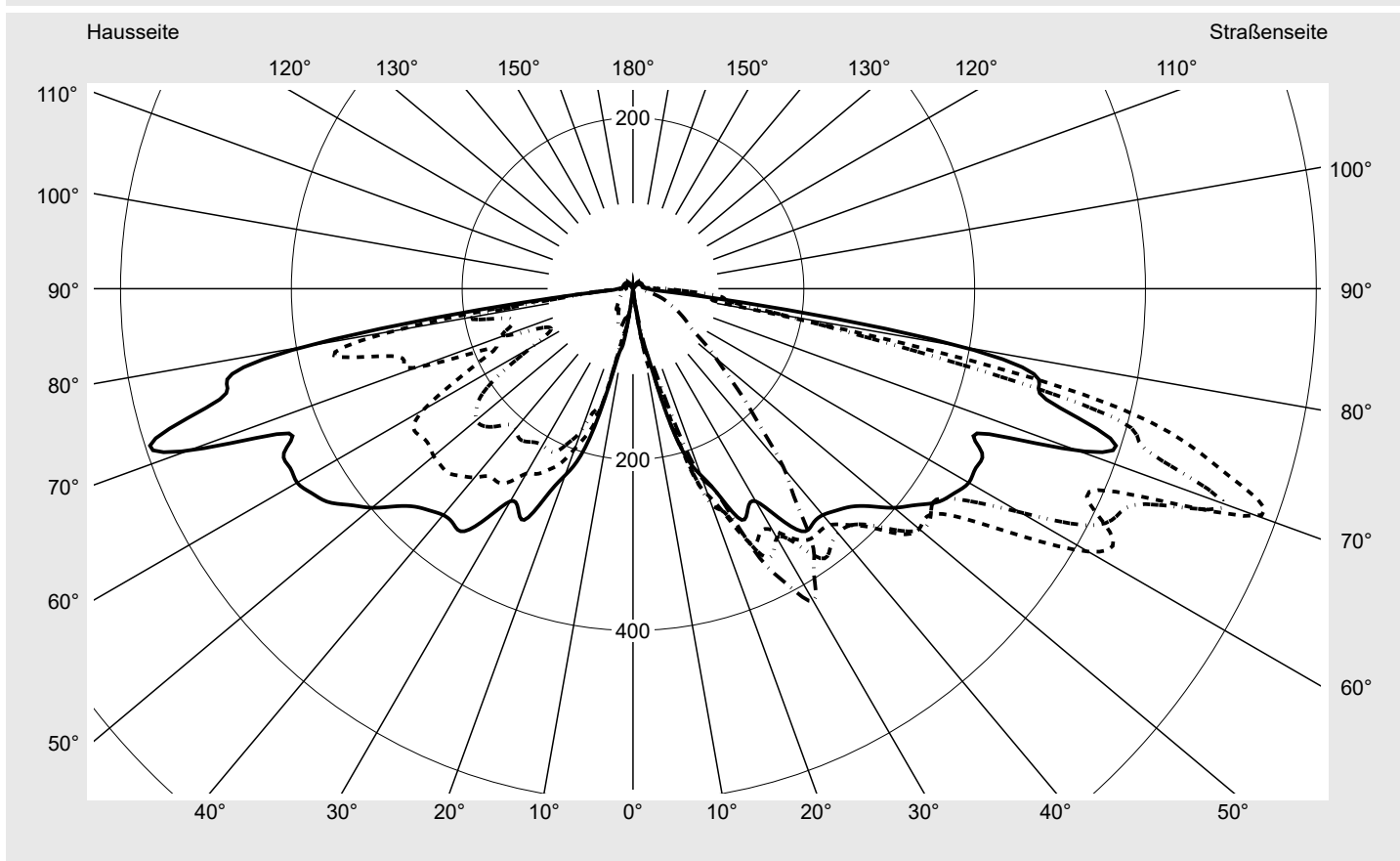
C180-0

C190-10

C195-15

C270-90

Imax: 778 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	94.5%
Eta 90° - 180°	5.5%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	778.1
Imax 80°	390.6
Imax 90°	41.1
Imax >90°	22.0
Imax >95°	12.4

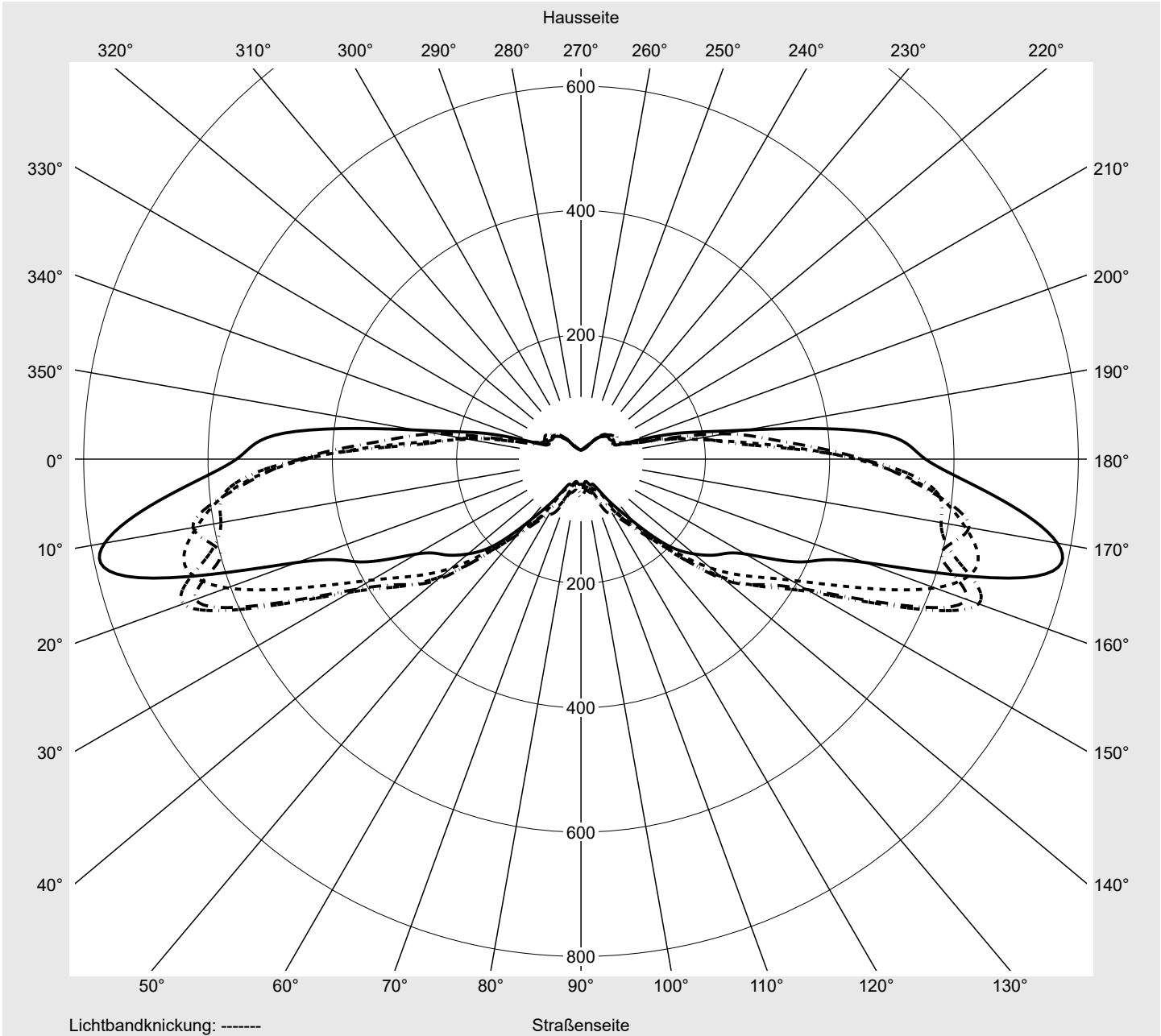
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 70°** **KMK 67,5°** **KMK 65°** **KMK 62,5°** **siteco**



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Familie CITY-LIGHT 400 LED	Bestell-Nr.: 5XA5305BF14HP EAN: 4058352835876	LP-Nummer 58724_33
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Lichtstärke in cd/klm												
0,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2,5°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.2
5,0°	2.5	2.5	2.7	2.3	2.5	2.3	2.5	2.1	2.5	2.1	2.5	2.1	2.5
7,5°	14.5	11.3	13.5	9.6	12.4	9.4	11.0	7.3	8.9	6.7	7.6	6.0	8.5
10,0°	64.7	69.3	72.3	68.4	67.0	54.0	49.1	35.3	29.9	22.7	17.4	18.1	23.4
12,5°	81.3	86.6	101.2	82.4	93.4	100.4	104.7	81.3	84.9	54.9	56.5	60.4	67.5
15,0°	151.3	127.6	118.3	148.1	153.9	142.1	149.2	112.3	126.0	140.1	165.6	147.7	159.6
17,5°	206.2	209.4	217.5	213.3	218.3	184.4	188.5	200.9	206.6	179.8	175.6	169.5	196.8
20,0°	232.4	241.1	257.4	268.2	244.7	246.2	255.8	251.4	272.5	244.1	243.6	257.9	252.8
22,5°	260.2	274.2	290.5	285.6	293.2	296.0	299.2	278.7	299.0	296.0	295.1	277.6	271.4
25,0°	298.0	322.8	329.9	334.6	335.2	318.0	322.2	305.8	315.5	301.5	304.9	298.2	307.2
27,5°	291.1	332.9	322.1	352.5	345.3	342.4	346.3	338.0	337.8	312.7	315.0	306.7	304.0
30,0°	287.3	326.0	326.1	336.8	348.1	352.7	361.9	347.6	329.5	303.8	305.4	308.8	295.1
32,5°	318.3	335.4	346.2	352.7	348.3	348.1	359.4	345.6	352.4	319.2	301.5	298.3	278.3
35,0°	346.9	366.5	358.6	385.7	378.0	357.5	365.5	348.8	350.8	324.2	303.6	289.1	263.1
37,5°	346.2	370.4	358.4	380.2	391.2	382.5	376.6	364.2	345.8	323.8	286.5	264.7	244.7
40,0°	345.8	366.9	360.7	373.4	383.4	385.7	383.4	363.3	338.2	310.7	264.5	237.7	227.5
42,5°	352.2	371.3	375.2	375.9	379.1	375.2	378.6	354.8	320.8	287.7	247.0	213.6	209.2
45,0°	360.9	387.8	395.2	391.2	391.0	372.7	366.0	344.2	307.2	268.2	225.0	195.2	188.5
47,5°	377.0	412.9	425.2	418.3	414.4	379.3	360.5	334.3	298.7	243.1	195.8	187.8	179.5
50,0°	399.0	427.8	437.4	439.5	439.0	401.6	371.0	329.7	282.6	215.1	171.3	176.8	167.1
52,5°	416.1	440.8	436.0	439.2	450.0	417.4	378.8	329.3	272.6	201.2	153.9	159.4	151.8
55,0°	435.4	468.8	466.3	431.7	439.0	421.5	382.5	328.4	272.8	198.6	151.1	147.2	135.2
57,5°	445.7	507.9	538.2	461.0	464.3	437.8	377.3	334.8	280.4	198.2	152.2	131.8	118.5
60,0°	454.0	550.8	615.3	523.3	543.0	481.0	384.6	341.2	291.6	206.0	161.6	125.1	109.7
62,5°	453.0	558.4	633.7	599.8	659.4	551.0	419.3	352.0	302.8	214.7	158.7	123.8	104.0
65,0°	450.2	571.7	588.2	626.4	680.8	561.2	427.8	357.7	293.7	219.3	153.6	116.0	86.1
67,5°	442.2	563.4	627.5	659.7	605.7	488.2	389.4	327.9	272.8	205.7	143.3	111.6	64.3
70,0°	554.1	665.4	778.1	736.8	486.1	391.5	305.2	268.2	237.2	195.0	131.3	89.3	58.5
72,5°	588.0	735.5	733.8	631.2	439.3	306.7	210.8	181.8	185.5	174.9	116.6	74.2	47.8
75,0°	501.0	537.8	651.2	583.2	295.1	204.3	138.5	127.4	121.7	124.9	85.4	64.7	40.4
77,5°	486.1	396.5	468.6	344.2	201.2	142.8	111.3	109.8	81.3	68.0	42.7	38.8	30.6
80,0°	390.6	266.3	154.3	181.1	129.3	95.5	80.6	76.4	47.7	40.4	30.5	24.6	21.4
82,5°	155.2	126.5	92.7	114.1	93.7	67.3	61.8	51.9	25.5	20.7	17.7	16.5	16.1
85,0°	38.8	48.0	69.3	101.9	72.3	48.7	41.6	31.2	20.2	15.8	14.2	13.3	13.1
87,5°	20.7	32.4	47.7	59.9	41.6	28.3	20.9	19.0	14.7	13.5	12.6	12.2	11.7
90,0°	16.8	20.4	29.8	41.1	22.0	15.8	15.2	12.9	11.7	11.5	11.3	11.3	11.0
92,5°	14.7	15.8	22.0	20.6	14.5	13.1	12.0	11.7	11.3	11.3	11.3	11.0	11.0
95,0°	13.1	13.8	17.4	12.9	12.0	12.0	11.7	11.5	11.3	11.3	11.2	11.0	10.8
97,5°	12.4	12.2	12.0	12.0	11.7	11.7	11.5	11.3	11.2	11.2	11.2	11.0	11.0
100,0°	12.0	12.0	11.9	11.9	11.7	11.5	11.3	11.3	11.2	11.2	11.2	11.0	10.8
102,5°	11.9	11.9	11.7	11.7	11.7	11.5	11.5	11.2	11.2	11.2	11.2	11.0	10.8
105,0°	11.9	11.9	11.9	11.7	11.5	11.3	11.3	11.2	11.2	11.2	11.2	11.2	11.2
107,5°	11.7	11.7	11.7	11.5	11.5	11.5	11.2	11.2	11.2	11.2	11.2	11.2	11.2
110,0°	11.7	11.7	11.7	11.5	11.5	11.5	11.3	11.2	11.3	11.2	11.2	11.3	11.3
112,5°	11.5	11.7	11.5	11.5	11.5	11.5	11.2	11.2	11.3	11.3	11.5	11.3	11.5

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Lichtstärke in cd/klm												
0,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
5,0°	2.1	2.5	2.3	2.8	2.5	2.8	3.2	3.0	3.9	3.4	4.6	3.5	4.8
7,5°	8.0	10.3	8.5	10.1	8.3	9.9	18.4	14.5	17.9	12.4	12.4	11.0	15.9
10,0°	25.3	37.6	37.9	42.7	37.7	40.0	65.7	50.0	54.2	40.7	36.0	27.1	29.6
12,5°	63.1	69.6	78.1	88.8	82.6	83.3	82.4	67.3	62.7	64.8	65.2	82.2	74.8
15,0°	125.6	119.4	105.2	105.4	92.7	98.5	140.8	143.7	143.1	119.4	126.3	113.7	95.8
17,5°	172.9	174.7	172.4	182.6	174.9	174.0	199.8	179.3	150.2	141.2	147.2	118.5	114.8
20,0°	208.0	219.0	206.4	237.6	233.1	236.3	203.0	199.5	176.4	153.8	152.7	131.1	115.7
22,5°	270.5	262.4	261.3	266.3	275.5	261.5	241.6	221.1	194.2	175.7	162.5	131.1	116.7
25,0°	288.2	300.1	309.0	333.4	336.2	342.6	259.2	233.8	209.8	175.6	158.9	131.8	124.9
27,5°	290.7	300.1	328.6	369.4	409.4	389.4	262.0	244.5	213.3	184.2	158.9	135.2	125.2
30,0°	296.4	306.1	334.1	369.2	421.6	422.3	276.9	249.8	211.9	182.8	166.7	138.2	123.8
32,5°	284.5	307.4	332.9	354.1	402.5	394.0	295.0	267.7	213.3	178.0	170.4	148.8	118.0
35,0°	269.3	284.7	306.8	322.8	365.3	367.1	309.1	276.4	218.4	176.8	171.0	146.3	100.3
37,5°	253.3	264.5	282.7	286.6	314.1	312.5	316.6	276.7	219.8	187.1	169.7	123.1	82.0
40,0°	238.5	240.8	250.7	248.7	273.5	275.7	329.7	288.2	213.8	195.8	156.6	95.8	76.4
42,5°	217.9	219.3	220.2	208.2	225.9	224.3	340.0	297.3	215.6	192.2	127.4	77.9	74.9
45,0°	187.6	191.9	190.6	172.4	183.2	186.4	353.6	305.2	228.2	184.4	93.9	70.9	73.5
47,5°	166.3	163.3	161.7	140.0	147.6	151.6	365.8	305.6	237.7	169.0	77.4	70.3	71.6
50,0°	150.6	139.2	134.5	113.9	118.9	127.2	378.8	304.7	239.3	140.1	74.4	70.0	69.8
52,5°	135.7	119.0	114.3	96.4	101.0	107.0	390.6	301.0	231.0	112.3	77.4	70.3	68.2
55,0°	118.9	99.4	95.1	79.4	81.3	86.5	396.8	302.0	216.0	96.2	78.7	69.8	66.8
57,5°	106.3	83.8	79.2	67.3	68.2	76.5	402.0	304.5	181.6	85.6	76.5	66.3	68.2
60,0°	95.1	71.7	67.9	57.8	60.4	69.1	388.5	282.9	136.9	79.2	70.5	67.0	68.9
62,5°	90.9	62.7	55.4	50.7	54.7	61.3	325.8	234.4	111.1	73.0	66.6	67.3	67.9
65,0°	81.5	56.5	48.7	45.2	49.8	54.2	267.2	192.4	107.5	79.2	60.4	64.3	64.7
67,5°	54.4	48.0	42.7	40.7	44.6	45.7	286.1	183.9	124.5	73.7	56.7	60.4	58.5
70,0°	44.5	44.5	38.4	37.2	40.6	40.4	479.6	269.3	160.5	73.5	59.3	58.6	56.0
72,5°	38.3	37.2	32.6	33.7	35.3	34.0	552.2	281.0	151.8	48.0	49.6	54.0	51.0
75,0°	34.2	35.6	31.5	28.7	28.3	26.6	485.6	304.9	146.9	43.9	44.5	47.1	47.8
77,5°	31.7	29.8	30.6	22.1	20.6	20.2	316.4	358.7	160.5	42.2	39.7	43.0	42.5
80,0°	25.9	21.4	26.0	17.0	16.7	15.9	171.7	283.3	188.8	39.5	34.7	36.7	34.4
82,5°	17.7	16.8	19.1	14.9	14.2	13.5	127.2	118.7	89.1	29.1	29.8	29.1	28.3
85,0°	14.0	14.4	14.2	12.0	11.9	12.0	66.4	48.9	42.9	31.5	25.3	26.0	25.2
87,5°	12.0	11.3	11.3	11.0	11.2	11.0	17.4	17.5	16.7	20.4	22.3	24.3	22.3
90,0°	11.0	11.0	10.8	10.6	10.6	10.6	14.2	13.5	14.9	17.4	20.6	21.3	18.6
92,5°	10.8	10.6	10.6	10.6	10.6	10.6	12.6	12.8	13.8	16.1	17.2	16.7	14.2
95,0°	10.8	10.6	10.6	10.6	10.6	10.6	12.0	12.2	12.6	13.1	12.8	12.2	11.0
97,5°	10.8	10.6	10.6	10.6	10.6	10.6	11.9	11.7	11.3	11.3	11.0	10.6	10.3
100,0°	10.8	10.6	10.8	10.6	10.6	10.6	11.7	11.7	11.3	11.2	10.8	10.6	10.5
102,5°	10.8	10.8	10.8	10.6	10.6	10.6	11.7	11.5	11.3	11.2	10.8	10.6	10.3
105,0°	11.2	10.8	10.8	10.6	10.6	10.6	11.5	11.5	11.2	11.2	10.6	10.5	10.5
107,5°	11.0	11.0	11.0	10.8	10.6	11.0	11.7	11.5	11.3	11.2	10.8	10.6	10.5
110,0°	11.0	11.0	11.0	10.6	10.6	10.6	11.5	11.5	11.2	11.2	10.6	10.5	10.5
112,5°	11.2	11.2	11.0	10.8	10.6	10.6	11.5	11.5	11.0	11.2	10.6	10.8	10.5

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	sitEco
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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
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
2,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	0.0	0.0
5,0°	3.9	5.3	5.0	6.6	5.1	6.2	5.0	6.0	4.6	5.7	4.3	0.1	0.1
7,5°	15.4	19.3	21.1	23.4	25.2	25.9	22.9	25.5	23.0	26.2	24.4	0.5	0.6
10,0°	25.0	27.6	27.8	34.2	33.5	31.9	30.6	30.1	29.9	30.5	31.9	1.9	2.5
12,5°	66.8	71.6	60.9	54.4	47.1	42.0	37.6	37.4	37.9	35.4	35.1	4.1	6.6
15,0°	85.7	83.6	81.1	85.7	61.5	52.4	43.2	42.7	41.5	39.3	37.2	7.8	14.4
17,5°	92.8	83.8	72.1	79.2	58.6	51.2	49.2	45.7	44.8	43.9	47.5	12.0	26.4
20,0°	98.7	91.8	90.5	91.2	78.7	58.6	46.2	41.5	42.3	44.3	46.8	16.5	42.8
22,5°	106.5	95.1	87.0	85.4	69.6	56.3	47.7	41.1	40.9	44.3	45.0	20.8	63.6
25,0°	107.5	91.9	77.2	66.8	56.2	47.8	45.0	40.4	39.9	40.7	40.4	25.0	88.6
27,5°	110.9	82.4	65.4	52.4	47.8	44.5	41.8	37.7	36.0	37.0	36.8	28.3	116.8
30,0°	93.2	62.9	52.3	48.7	48.7	45.9	42.2	37.2	34.2	34.5	34.0	30.6	147.4
32,5°	83.3	64.8	57.6	54.0	48.9	43.0	38.6	34.5	30.5	32.1	31.9	33.0	180.5
35,0°	76.5	69.6	63.4	57.9	53.1	46.6	40.0	34.9	30.3	30.3	29.1	35.3	215.8
37,5°	73.5	68.4	62.0	56.2	51.7	46.1	40.0	34.4	31.4	31.0	30.8	36.5	252.3
40,0°	72.1	66.8	61.3	55.4	50.1	44.5	38.3	33.0	31.0	30.3	30.1	37.1	289.4
42,5°	71.4	66.1	60.9	54.6	49.4	43.0	36.1	30.8	28.5	27.1	27.3	37.3	326.7
45,0°	70.3	65.5	60.9	53.3	46.8	39.9	34.0	29.4	26.6	25.2	25.2	37.6	364.3
47,5°	68.9	64.3	59.7	51.4	44.1	37.4	31.7	27.3	24.3	23.0	23.0	38.3	402.7
50,0°	67.1	62.7	58.5	49.4	42.2	35.4	29.4	25.5	22.3	21.4	21.3	39.0	441.6
52,5°	64.7	60.9	57.2	47.1	39.9	33.1	27.6	23.7	21.1	20.0	19.8	39.4	481.0
55,0°	62.4	59.7	55.8	45.0	37.2	30.8	25.7	22.1	19.7	18.6	18.1	40.0	521.0
57,5°	60.9	57.6	53.9	42.9	34.7	28.9	23.9	20.7	18.6	17.5	17.4	41.4	562.4
60,0°	60.4	57.0	51.2	40.2	32.1	26.6	22.3	19.5	17.7	16.5	16.3	43.7	606.0
62,5°	59.2	56.2	49.2	38.1	29.6	24.6	21.3	18.6	16.8	15.8	15.6	45.7	651.7
65,0°	60.2	54.0	46.4	35.8	27.3	23.0	20.0	17.7	16.1	15.2	14.9	45.6	697.2
67,5°	58.5	53.3	43.9	36.7	26.0	21.8	19.3	17.2	15.8	14.9	14.5	44.4	741.7
70,0°	55.8	51.6	46.4	39.0	26.9	20.7	18.2	16.5	15.6	14.5	14.2	47.2	788.8
72,5°	51.4	44.8	38.8	31.2	24.8	19.1	17.2	15.6	14.7	13.8	13.1	44.2	833.0
75,0°	46.6	36.1	35.4	24.4	21.4	17.5	16.1	14.7	13.8	12.8	12.0	36.9	869.9
77,5°	40.9	32.4	28.5	21.8	19.3	16.5	15.1	13.8	12.9	11.9	11.3	28.9	898.8
80,0°	31.2	25.9	23.6	20.9	18.4	15.8	14.4	12.9	12.0	11.3	10.6	19.8	918.6
82,5°	24.4	22.0	19.7	19.7	17.2	14.9	13.6	12.2	11.5	10.8	10.3	11.9	930.4
85,0°	21.3	18.6	18.1	16.8	15.9	13.8	12.8	11.7	11.0	10.5	9.6	7.8	938.2
87,5°	18.6	15.4	14.9	14.5	13.6	12.2	11.7	10.6	10.5	9.7	9.2	5.1	943.3
90,0°	16.1	13.1	12.0	11.3	11.2	10.5	10.6	10.1	9.7	9.0	8.1	4.0	947.3
92,5°	12.9	11.2	10.6	10.1	9.7	9.6	9.4	9.0	9.0	8.7	7.8	3.4	950.7
95,0°	10.6	10.1	9.9	9.6	9.4	9.4	9.2	9.0	8.9	8.7	7.8	3.1	953.8
97,5°	10.1	9.9	9.7	9.6	9.4	9.4	9.4	9.0	8.9	8.7	7.8	2.9	956.7
100,0°	10.1	9.9	9.9	9.7	9.4	9.4	9.4	9.2	9.0	8.9	8.1	2.9	959.6
102,5°	10.1	10.1	9.7	9.7	9.7	9.4	9.4	9.4	9.0	8.9	8.1	2.9	962.4
105,0°	10.3	10.1	9.9	9.7	9.7	9.7	9.4	9.4	9.0	9.0	8.1	2.8	965.3
107,5°	10.1	10.1	10.1	9.7	9.9	9.7	9.6	9.4	9.2	9.2	8.1	2.8	968.1
110,0°	10.3	10.1	10.3	9.9	9.9	9.9	9.6	9.4	9.4	9.2	8.5	2.8	970.8
112,5°	10.1	10.1	10.3	9.9	10.1	9.9	9.7	9.6	9.4	8.9	8.1	2.7	973.6

Lichttechnischer Prüfbefund

Familie CITY-LIGHT 400 LED	Bestell-Nr.: 5XA5305BF14HP EAN: 4058352835876	LP-Nummer 58724_33
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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°	11.5	11.5	11.5	11.5	11.3	11.5	11.2	11.2	11.3	11.2	11.3	11.3	11.3
117,5°	11.5	11.5	11.5	11.5	11.3	11.3	11.2	11.2	11.2	11.3	11.5	11.3	11.3
120,0°	11.2	11.3	11.3	11.3	11.2	11.2	11.2	11.0	11.0	11.2	11.5	11.5	11.3
122,5°	11.2	11.2	11.2	11.2	11.3	11.2	11.2	11.0	11.2	11.2	11.5	11.7	11.3
125,0°	10.8	11.2	11.0	11.2	11.0	11.2	11.0	11.0	11.0	11.2	11.3	11.5	11.3
127,5°	10.8	10.8	10.8	11.0	11.0	11.0	11.0	10.8	10.8	11.0	11.3	11.5	11.3
130,0°	10.8	10.8	10.6	10.6	10.6	10.8	10.6	10.8	10.8	11.0	11.2	11.5	11.3
132,5°	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	11.0	11.2	11.0
135,0°	10.1	10.1	10.1	10.3	10.3	10.3	10.5	10.5	10.5	10.6	10.6	11.0	10.8
137,5°	9.9	9.9	9.9	9.9	9.9	10.1	10.1	10.1	10.3	10.3	10.5	10.6	10.5
140,0°	9.4	9.7	9.7	9.7	9.6	9.7	9.7	9.7	9.9	10.1	10.1	10.3	10.3
142,5°	9.0	9.4	9.2	9.2	9.2	9.4	9.4	9.6	9.7	9.7	9.9	10.1	10.1
145,0°	8.9	9.0	9.0	9.0	9.0	9.2	9.2	9.4	9.6	9.6	9.7	9.9	9.7
147,5°	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

Familie CITY-LIGHT 400 LED	Bestell-Nr.: 5XA5305BF14HP EAN: 4058352835876	LP-Nummer 58724_33
		siteco

C- Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Lichtstärke in cd/klm												
115,0°	11.2	11.2	11.0	10.6	10.3	10.3	11.3	11.5	11.2	11.2	10.8	10.6	10.5
117,5°	11.3	11.2	11.0	10.6	9.9	9.9	11.3	11.2	11.2	10.8	10.6	10.5	10.5
120,0°	11.3	11.2	11.0	10.5	9.6	9.6	11.2	11.2	10.8	10.8	10.6	10.5	10.3
122,5°	11.3	11.0	11.0	10.1	9.4	9.2	11.0	11.0	10.6	10.8	10.3	10.5	10.1
125,0°	11.2	11.0	10.6	10.1	9.2	9.2	10.6	10.8	10.5	10.5	10.3	10.1	10.1
127,5°	11.2	11.0	10.6	9.9	9.0	8.9	10.6	10.6	10.3	10.5	10.1	10.1	9.7
130,0°	10.8	10.8	10.5	9.6	8.9	8.5	10.5	10.5	10.1	10.3	9.9	9.7	9.6
132,5°	10.8	10.6	10.3	9.0	8.1	7.8	10.3	10.3	10.1	10.1	9.7	9.6	9.4
135,0°	10.6	10.3	9.7	8.1	7.1	6.0	9.9	9.9	9.6	9.7	9.6	9.4	9.2
137,5°	10.3	9.9	9.0	7.1	5.5	3.9	9.7	9.6	9.2	9.4	9.2	9.2	9.0
140,0°	10.1	9.7	8.5	6.2	4.4	3.2	9.4	9.4	8.9	9.2	8.9	8.9	8.5
142,5°	9.9	9.2	7.6	5.8	4.1	2.8	8.9	9.0	8.9	8.9	8.3	8.5	8.1
145,0°	9.7	8.9	7.1	5.1	3.7	2.8	8.9	8.7	8.5	8.5	8.1	8.1	8.1
147,5°	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

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	
115,0°	10.1	10.1	10.3	10.1	10.1	9.9	9.7	9.7	9.4	8.3	7.8	2.7	976.2
117,5°	10.1	10.1	9.9	10.1	10.1	9.9	9.9	9.9	9.2	7.8	7.4	2.6	978.8
120,0°	10.1	9.7	9.9	10.1	9.9	9.9	9.9	9.9	9.2	7.4	7.4	2.5	981.3
122,5°	9.9	9.7	9.9	9.7	9.9	9.9	9.9	9.9	9.0	7.1	7.1	2.4	983.7
125,0°	9.7	9.6	9.6	9.7	9.9	9.9	9.9	9.7	8.7	6.7	7.1	2.3	986.1
127,5°	9.7	9.4	9.4	9.4	9.7	9.7	9.9	9.7	8.7	6.7	6.7	2.2	988.3
130,0°	9.4	9.2	9.2	9.2	9.6	9.6	9.6	9.7	8.3	6.6	6.7	2.1	990.4
132,5°	9.2	9.2	9.0	9.0	9.4	9.4	9.4	9.4	7.8	6.0	6.0	2.0	992.4
135,0°	9.0	8.9	8.7	8.9	8.9	9.0	9.0	8.7	7.1	5.7	5.3	1.8	994.2
137,5°	8.9	8.5	8.5	8.3	8.5	8.5	8.7	8.0	6.4	5.0	4.3	1.7	995.8
140,0°	8.5	8.3	8.3	8.1	8.3	8.3	8.3	7.3	6.0	5.0	4.3	1.5	997.4
142,5°	8.1	8.0	8.0	7.8	7.8	7.8	7.8	6.7	5.7	4.8	4.6	1.4	998.7
145,0°	8.0	7.8	7.8	7.6	7.8	7.4	7.3	6.2	5.5	5.0	4.3	1.3	1000.0
147,5°	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

Familie CITY-LIGHT 400 LED	Bestell-Nr.: 5XA5305BF14HP EAN: 4058352835876	LP-Nummer 58724_33
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	3890	33.6	35.9	34.8
95	241	252	3691	31.3	33.5	32.4
90	229	250	3507	29.4	31.4	30.4
85	216	248	3308	27.3	29.2	28.2
80	203	246	3109	25.4	27.1	26.2
75	190	243	2910	23.5	25.1	24.3
70	178	241	2726	21.9	23.3	22.6
65	165	238	2527	20.1	21.4	20.8
60	152	235	2328	18.4	19.5	19.0
55	140	232	2144	16.8	17.9	17.4
50	127	229	1945	15.2	16.2	15.7
45	114	225	1746	13.6	14.5	14.0
40	102	221	1562	12.2	13.0	12.6
35	89	216	1363	10.7	11.3	11.0
30	76	210	1164	9.2	9.7	9.4
25	63	203	965	7.8	8.2	8.0
20	51	195	781	6.6	6.9	6.8
15	38	184	582	5.2	5.4	5.3
11	28	173	429	4.1	4.3	4.2