

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT 400 LED



Bestell-Nr.: 5XA5305EF14H + 5XA54000XBL
EAN: 4058352636350 + 4050737971421

LP-Nummer
59088_60

Seriendokumentation
08.07.2022

Ausführung Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1530 lm
Systemleistung = 10.5 W
Lichtausbeute = 145.7 lm/W

siteco

Lichtstärke in cd/klm

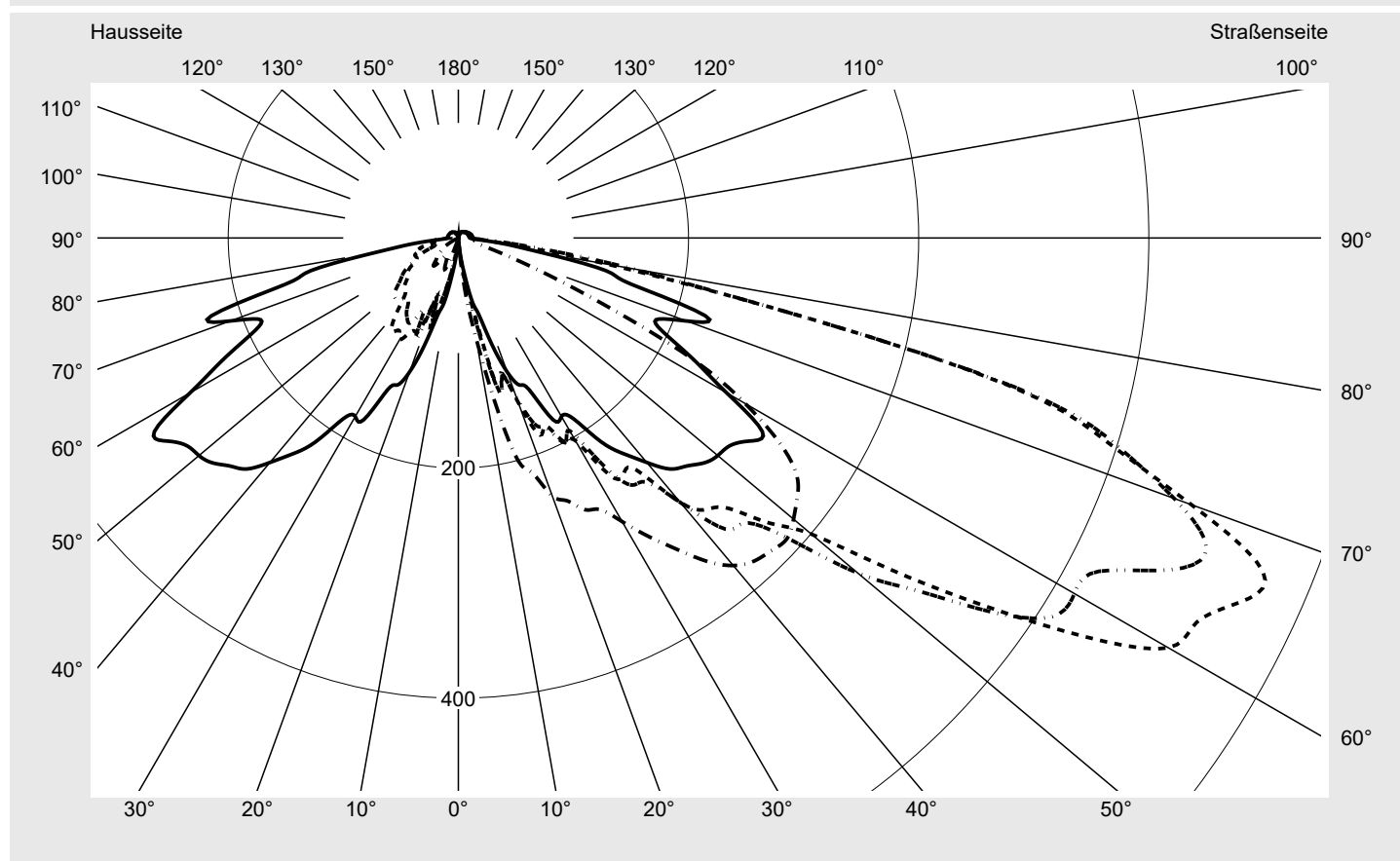
C180-0

C205-25

C210-30

C270-90

Imax: 757 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	95.7%
Eta 90° - 180°	4.3%

Lichtstärkeklasse nach EN13201-2

Klasse:	G1
Imax 70°	678.0
Imax 80°	152.2
Imax 90°	12.8
Imax >90°	12.8
Imax >95°	12.3

Messbedingungen

DIN EN 13032 und DIN 5032

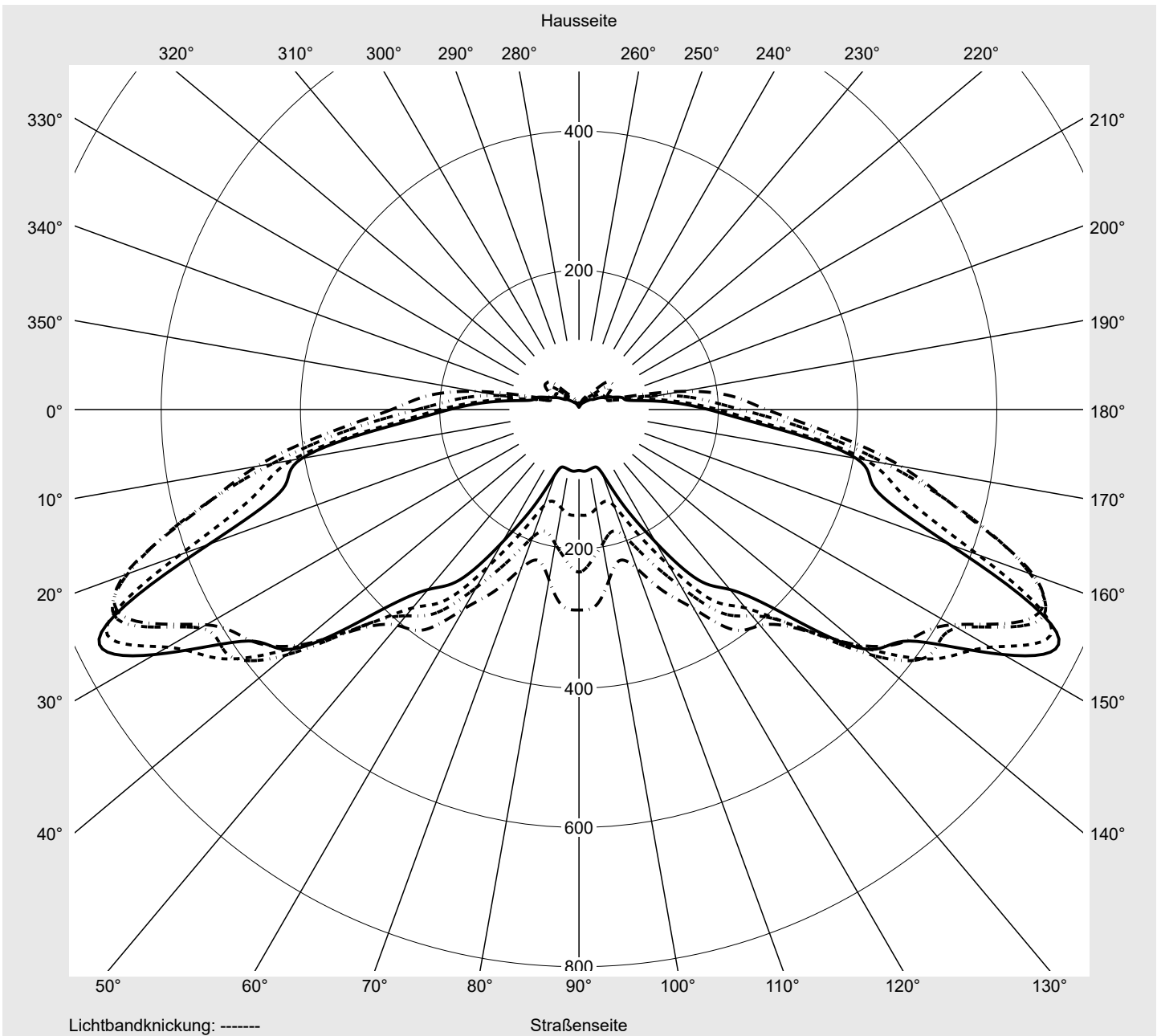
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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°**



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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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2,5°	1.3	1.3	1.3	1.3	1.6	1.9	1.9	1.9	2.1	2.1	2.1	2.4	2.1
5,0°	3.7	4.5	5.3	6.1	7.2	8.0	9.1	9.9	10.4	10.9	11.7	12.6	12.6
7,5°	19.0	21.6	23.0	24.0	25.1	27.5	28.6	30.4	31.5	32.8	34.4	37.1	40.1
10,0°	35.5	37.1	38.2	40.6	42.2	45.9	49.1	53.1	57.4	63.3	68.1	72.9	75.0
12,5°	57.9	56.1	62.7	61.4	66.2	78.8	88.9	98.3	106.8	111.6	109.5	106.8	109.2
15,0°	69.4	83.8	111.9	130.3	122.0	139.1	139.9	145.5	159.1	149.8	135.4	132.7	138.0
17,5°	97.5	90.0	105.2	117.8	118.3	123.4	126.0	146.3	162.9	180.0	173.8	158.9	168.0
20,0°	123.9	134.6	144.2	146.1	154.9	152.2	147.7	149.5	159.9	170.4	168.0	168.8	171.4
22,5°	138.3	138.3	164.5	165.8	167.4	185.3	176.2	163.4	158.1	157.5	165.3	184.0	198.4
25,0°	145.5	151.1	157.8	160.7	170.1	180.0	182.6	193.3	185.0	190.4	189.8	207.5	218.2
27,5°	178.1	161.3	176.2	184.2	187.7	200.0	200.5	217.4	223.2	221.6	206.7	217.9	234.7
30,0°	179.2	182.1	206.7	207.2	196.3	203.2	193.6	215.5	241.4	260.9	247.8	248.6	263.0
32,5°	186.4	188.2	213.1	216.0	217.4	244.1	234.2	241.9	256.3	283.0	297.2	298.3	292.6
35,0°	216.3	206.7	226.7	220.8	220.3	250.5	262.2	273.2	282.5	300.4	321.0	339.4	320.2
37,5°	236.6	242.2	262.2	258.7	243.8	254.2	267.3	292.4	316.1	329.2	335.4	373.8	361.5
40,0°	254.7	248.6	266.7	271.8	279.6	300.1	300.1	308.1	341.5	373.3	364.5	392.5	393.6
42,5°	272.4	256.1	274.0	283.3	294.0	319.9	343.1	345.5	355.7	403.5	404.0	406.9	412.8
45,0°	280.4	265.4	299.6	316.7	325.2	332.4	350.6	381.6	398.7	418.7	429.9	428.3	424.0
47,5°	289.4	286.0	350.1	381.6	370.4	366.9	383.7	402.1	429.9	433.6	440.6	448.1	436.0
50,0°	294.3	300.7	399.7	419.5	450.2	400.5	453.4	458.7	436.8	435.0	447.5	451.5	431.5
52,5°	296.9	303.6	402.1	426.4	504.9	473.4	504.1	515.6	461.1	432.8	449.4	456.9	427.0
55,0°	307.9	321.0	398.7	468.3	562.6	556.7	567.4	542.8	492.4	447.5	449.4	451.3	402.9
57,5°	313.2	353.3	434.7	515.9	644.0	644.6	612.3	545.5	508.9	454.5	435.0	428.3	378.4
60,0°	269.2	354.3	469.9	569.8	694.5	712.4	618.1	577.3	526.6	445.1	404.8	385.8	330.6
62,5°	232.3	330.3	447.3	574.1	689.7	723.3	627.5	614.7	548.2	439.0	386.6	356.2	295.1
65,0°	199.5	285.4	418.7	484.6	610.1	749.2	682.5	624.0	530.8	440.3	372.0	334.3	259.5
67,5°	185.8	271.8	404.3	440.3	565.5	756.7	703.6	579.4	534.8	413.1	337.5	298.5	219.8
70,0°	210.9	306.0	421.9	460.1	527.6	678.0	661.9	552.2	482.5	377.8	302.5	259.8	180.0
72,5°	225.1	336.4	413.6	448.9	519.6	592.2	600.0	483.8	374.1	310.5	248.1	209.9	143.9
75,0°	155.9	297.7	367.9	384.0	452.9	494.8	500.4	358.3	260.1	212.0	193.1	175.2	123.9
77,5°	131.4	197.1	227.0	266.7	281.4	276.4	276.4	191.7	156.5	148.7	146.6	144.7	104.4
80,0°	74.8	89.7	107.9	148.5	140.7	132.7	152.2	137.8	112.1	83.8	68.6	75.0	43.8
82,5°	42.7	49.9	55.3	80.9	69.7	52.6	74.0	94.8	70.0	47.0	31.2	20.8	15.2
85,0°	18.4	21.9	22.7	27.2	21.9	24.6	34.7	37.1	20.3	21.4	14.7	14.2	13.6
87,5°	11.2	11.5	12.6	13.4	13.6	15.8	14.7	15.0	13.4	13.1	12.8	12.8	12.8
90,0°	9.9	10.4	10.9	11.5	12.0	12.0	12.3	12.6	12.6	12.3	12.3	12.3	12.3
92,5°	9.6	10.1	10.7	11.2	11.5	11.7	12.0	12.3	12.3	12.3	12.3	12.3	12.0
95,0°	9.3	9.9	10.4	10.7	11.2	11.5	11.7	11.7	11.7	11.7	12.0	12.0	12.0
97,5°	9.3	9.6	10.1	10.7	10.9	11.2	11.5	11.7	11.7	11.7	11.7	12.0	12.0
100,0°	9.1	9.6	10.1	10.4	10.7	11.2	11.5	11.5	11.5	11.5	11.5	11.5	11.5
102,5°	9.1	9.3	9.6	10.1	10.7	10.7	11.2	11.2	11.2	11.2	11.5	11.5	11.5
105,0°	9.1	9.1	9.6	10.1	10.1	10.7	10.9	10.9	10.9	10.9	10.9	10.9	11.2
107,5°	8.8	8.8	9.1	9.6	10.1	10.4	10.4	10.7	10.7	10.7	10.9	10.9	10.9
110,0°	8.8	8.8	9.1	9.3	9.6	9.9	10.1	10.4	10.4	10.4	10.4	10.4	10.4
112,5°	8.5	8.8	8.8	9.1	9.3	9.6	9.9	9.9	9.9	10.1	10.4	10.4	10.4

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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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2,5°	2.4	2.4	2.4	2.1	2.4	2.1	1.3	1.3	1.3	1.3	1.3	1.3	1.6
5,0°	12.6	12.6	12.8	13.1	13.1	12.8	3.2	2.7	2.1	2.1	1.9	1.9	1.9
7,5°	41.9	45.1	47.0	48.9	50.5	51.3	15.5	12.0	8.8	6.7	4.8	3.5	2.9
10,0°	77.7	80.9	80.6	82.0	86.5	88.1	33.4	33.6	31.8	26.4	18.7	12.6	8.0
12,5°	115.1	120.7	122.6	129.0	137.5	144.7	63.6	43.0	41.1	37.4	37.9	37.9	30.7
15,0°	146.1	154.9	162.6	177.0	196.0	200.3	64.6	55.8	63.8	57.1	56.9	58.7	50.5
17,5°	180.5	192.3	196.0	206.9	214.1	214.1	98.3	91.9	86.0	86.8	81.2	74.5	65.4
20,0°	179.4	196.3	208.8	227.2	236.3	238.7	126.3	107.6	87.0	65.7	54.7	48.9	55.8
22,5°	216.5	218.2	225.4	240.8	245.1	247.3	135.1	121.2	114.3	100.9	83.3	95.1	55.8
25,0°	235.0	238.7	243.5	255.8	259.0	260.6	133.0	119.6	108.7	96.7	89.5	71.8	60.3
27,5°	260.6	262.7	264.9	268.1	269.4	265.9	159.1	127.6	110.5	100.9	93.7	76.9	55.8
30,0°	293.7	288.9	281.4	283.3	287.0	284.6	179.4	154.6	127.9	107.3	101.7	85.4	58.7
32,5°	323.1	316.1	301.5	302.8	307.9	307.6	170.6	147.4	130.3	105.5	95.6	82.8	60.9
35,0°	338.6	341.8	324.7	322.3	329.8	330.0	203.5	161.0	139.9	119.6	99.3	78.5	75.3
37,5°	362.3	361.0	338.6	337.0	347.7	354.1	229.9	178.4	143.7	122.0	94.3	71.6	78.2
40,0°	382.6	374.4	347.4	346.3	359.4	371.7	234.4	187.7	151.7	121.5	81.7	69.2	78.8
42,5°	400.8	376.2	352.7	357.5	368.7	380.8	260.1	198.1	160.5	119.9	70.0	71.6	82.0
45,0°	420.5	376.5	359.9	369.3	376.0	384.5	283.6	209.9	163.7	113.7	64.9	75.3	85.2
47,5°	425.4	372.2	359.4	369.8	378.9	387.2	292.6	215.2	165.8	99.6	63.8	75.0	83.6
50,0°	415.7	361.0	351.7	360.2	376.5	380.2	295.1	218.4	168.0	78.8	59.5	71.6	80.1
52,5°	384.2	342.3	342.0	350.6	367.4	371.2	290.5	215.7	160.5	61.7	55.3	65.4	73.4
55,0°	346.9	316.7	314.8	329.5	353.0	358.9	287.8	209.3	143.7	53.7	53.1	60.6	68.4
57,5°	315.3	279.0	277.4	298.3	327.6	330.6	273.2	184.2	107.3	54.7	51.0	56.6	65.7
60,0°	288.1	243.0	224.6	248.3	282.2	287.8	220.3	150.1	71.0	51.3	45.7	50.5	59.5
62,5°	239.8	195.2	181.6	196.0	216.8	233.4	174.1	115.6	52.1	44.1	41.1	43.0	51.8
65,0°	193.9	147.1	137.2	143.9	151.7	151.7	137.8	88.1	52.9	44.9	40.1	38.7	39.8
67,5°	152.7	97.7	85.7	87.3	88.9	87.6	126.3	75.0	64.9	51.5	40.6	33.4	25.4
70,0°	124.7	75.0	51.0	45.9	43.8	45.4	137.5	79.8	70.2	48.6	38.7	25.6	18.7
72,5°	91.6	62.2	33.6	23.8	23.0	22.4	132.4	79.3	64.6	43.3	32.6	21.4	16.6
75,0°	69.2	36.0	23.8	17.6	16.8	16.6	77.7	64.1	53.9	35.8	34.7	23.0	16.6
77,5°	47.0	22.2	17.4	15.2	15.2	15.5	64.1	49.1	42.7	34.2	28.6	22.4	16.3
80,0°	21.4	15.2	14.4	14.2	14.4	14.4	50.7	43.8	40.1	31.5	25.4	23.0	17.6
82,5°	14.2	13.4	13.1	13.4	13.6	13.9	33.9	32.8	31.8	24.0	21.4	17.6	14.2
85,0°	13.1	12.8	12.8	13.1	13.4	13.4	17.9	19.8	24.0	23.0	20.0	16.3	12.6
87,5°	12.6	12.6	12.6	12.6	12.8	12.8	10.7	10.4	10.9	11.2	12.0	11.5	10.1
90,0°	12.3	12.6	12.3	12.6	12.8	12.8	9.3	8.8	8.5	8.0	7.5	6.9	6.4
92,5°	12.0	12.0	12.0	12.3	12.6	12.8	9.1	8.8	8.3	7.7	7.2	6.7	6.1
95,0°	12.0	12.0	12.0	12.3	12.3	12.3	9.1	8.8	8.3	7.7	7.2	6.7	6.1
97,5°	12.0	12.0	12.0	12.0	12.3	12.3	8.8	8.5	8.3	7.7	7.2	6.4	5.9
100,0°	11.5	11.5	11.7	11.7	12.3	11.7	8.8	8.5	8.3	7.7	7.2	6.7	5.9
102,5°	11.5	11.5	11.5	11.7	11.7	11.7	8.8	8.3	8.3	7.7	7.2	6.4	5.9
105,0°	11.2	11.2	11.2	11.5	11.7	11.7	8.8	8.3	8.3	7.7	7.2	6.4	5.9
107,5°	10.9	10.9	10.9	11.2	11.2	11.2	8.5	8.3	7.7	7.7	7.2	6.4	5.9
110,0°	10.7	10.7	10.7	10.7	10.7	10.7	8.3	8.3	7.7	7.7	6.7	6.4	5.9
112,5°	10.4	10.4	10.4	10.4	10.7	10.7	8.3	8.3	7.7	7.2	6.7	6.4	5.9

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		siteco

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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.0	0.0
2,5°	1.6	1.6	1.6	1.9	1.6	1.9	1.9	1.9	1.6	1.9	1.6	0.0	0.0
5,0°	1.9	1.9	1.9	1.9	1.6	1.9	1.9	1.6	1.6	1.3	1.6	0.1	0.2
7,5°	2.7	2.1	2.1	1.9	2.1	1.9	1.9	1.9	1.6	1.6	1.6	0.7	0.9
10,0°	5.3	3.7	2.9	2.7	2.1	2.1	1.9	1.9	1.9	1.9	1.6	1.7	2.6
12,5°	22.2	13.9	8.5	4.5	3.2	2.7	2.4	2.1	2.1	1.9	1.6	3.6	6.2
15,0°	47.3	39.5	25.9	19.5	15.2	5.9	3.5	2.7	2.4	2.1	2.1	6.2	12.4
17,5°	47.3	29.6	31.2	34.2	23.5	23.2	17.1	9.3	4.8	3.5	3.2	8.4	20.8
20,0°	41.1	28.3	24.6	20.6	23.2	27.0	20.3	16.8	17.9	15.0	13.4	10.3	31.1
22,5°	33.9	22.4	20.8	19.0	19.0	17.6	17.9	20.0	24.8	27.5	28.3	12.7	43.9
25,0°	36.0	22.2	19.5	16.3	16.0	16.8	19.5	21.4	22.4	28.0	27.8	14.8	58.7
27,5°	33.1	24.3	20.6	17.9	17.6	18.7	24.0	23.2	23.5	25.1	23.0	17.7	76.4
30,0°	46.7	41.7	32.8	27.5	21.4	20.8	24.3	22.4	20.6	21.1	19.8	21.0	97.4
32,5°	57.7	52.6	42.2	34.2	28.6	27.2	26.2	23.2	19.8	19.8	17.6	24.6	122.0
35,0°	80.4	67.0	53.1	41.4	33.9	31.2	28.0	24.6	21.6	20.3	18.2	28.6	150.6
37,5°	88.6	76.9	63.6	54.7	45.9	39.8	32.8	29.6	25.6	25.1	22.4	33.0	183.6
40,0°	85.7	74.5	64.6	56.9	49.1	43.8	38.2	36.0	32.8	32.3	30.4	36.9	220.5
42,5°	86.8	74.5	64.1	56.3	48.1	42.5	37.1	36.6	32.6	33.4	32.0	40.7	261.2
45,0°	89.7	76.6	66.0	58.5	49.4	42.2	35.8	34.4	30.2	29.6	27.8	44.5	305.7
47,5°	88.4	77.2	66.8	58.5	48.9	41.4	35.0	32.8	28.6	26.2	25.6	48.4	354.2
50,0°	83.8	75.3	63.6	56.1	47.5	39.3	33.6	30.7	25.1	23.2	23.5	51.9	406.0
52,5°	78.8	71.6	60.9	52.6	44.9	35.2	29.4	26.4	20.6	19.8	19.8	54.4	460.4
55,0°	73.2	69.2	60.6	52.1	41.4	31.5	24.3	21.1	16.6	16.6	16.6	56.8	517.2
57,5°	67.3	64.1	56.3	47.0	31.0	24.3	19.8	16.0	13.4	13.1	13.9	58.3	575.5
60,0°	59.8	55.5	37.6	27.2	22.4	18.7	14.7	10.7	8.5	9.3	9.6	57.4	632.9
62,5°	50.5	35.0	25.4	20.6	17.9	15.0	12.0	8.5	6.7	5.6	5.9	54.9	687.9
65,0°	32.0	24.0	19.5	16.6	14.2	11.5	9.3	6.7	5.3	4.3	3.7	51.3	739.1
67,5°	22.4	18.4	15.2	12.6	10.9	9.1	7.2	5.1	4.3	3.5	3.2	47.8	786.9
70,0°	17.9	15.0	12.8	10.7	9.1	7.5	5.9	4.5	3.5	3.2	3.2	45.0	832.0
72,5°	14.2	12.0	10.7	9.1	7.5	6.1	4.8	3.7	3.2	3.2	3.2	40.8	872.8
75,0°	13.1	10.4	8.5	7.5	6.4	5.1	4.3	3.5	3.2	3.2	3.2	33.2	906.0
77,5°	12.0	9.3	7.2	5.9	5.3	4.3	3.7	3.2	3.2	2.9	3.2	22.2	928.2
80,0°	12.0	8.5	6.4	5.3	4.8	4.0	3.2	3.2	2.7	2.7	2.7	13.1	941.3
82,5°	11.5	8.0	5.9	4.8	4.3	3.7	3.2	2.7	2.7	2.7	2.7	7.6	948.9
85,0°	9.1	6.9	5.3	4.5	3.7	3.7	3.2	2.7	2.7	2.7	2.7	4.1	953.0
87,5°	8.3	6.4	5.1	4.3	3.7	3.2	2.9	2.7	2.7	2.7	2.7	2.8	955.8
90,0°	5.6	4.8	4.3	4.0	3.7	3.2	2.9	2.7	2.7	2.7	2.7	2.4	958.2
92,5°	5.3	4.8	4.3	3.7	3.7	3.2	2.9	2.7	2.7	2.4	2.1	2.3	960.5
95,0°	5.3	4.8	4.3	3.7	3.7	3.2	2.9	2.7	2.7	2.7	2.7	2.3	962.8
97,5°	5.3	4.8	4.3	3.7	3.7	3.2	3.2	2.7	2.7	2.7	2.7	2.3	965.1
100,0°	5.3	4.8	4.3	4.0	3.7	3.2	3.2	2.9	2.7	2.7	2.7	2.2	967.3
102,5°	5.3	4.8	4.3	4.0	3.7	3.2	3.2	2.7	2.7	2.7	2.7	2.2	969.5
105,0°	5.3	4.8	4.3	4.3	3.7	3.5	3.2	2.7	2.7	2.7	2.7	2.1	971.6
107,5°	5.3	4.8	4.3	3.7	3.7	3.5	3.2	2.7	2.7	2.7	2.7	2.1	973.7
110,0°	5.3	4.8	4.3	4.3	3.7	3.2	3.2	2.9	2.7	2.7	2.7	2.0	975.7
112,5°	5.3	4.8	4.3	3.7	3.7	3.5	3.2	2.9	2.7	2.7	2.7	1.9	977.6

Lichttechnischer Prüfbefund

Familie CITY-LIGHT 400 LED	Bestell-Nr.: 5XA5305EF14H + 5XA54000XBL EAN: 4058352636350 + 4050737971421	LP-Nummer 59088_60
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												
115,0°	8.5	8.8	8.8	8.8	9.3	9.3	9.6	9.9	9.9	9.9	9.9	9.9	9.9
117,5°	8.3	8.3	8.8	8.8	8.8	9.3	9.3	9.3	9.3	9.3	9.6	9.6	9.6
120,0°	8.3	8.3	8.5	8.8	8.8	8.8	9.1	9.1	9.3	9.3	9.3	9.3	9.3
122,5°	8.3	8.3	8.3	8.3	8.5	8.8	8.8	8.8	8.8	8.8	8.8	9.1	9.1
125,0°	8.0	8.3	8.3	8.3	8.3	8.3	8.5	8.8	8.8	8.8	8.8	8.8	8.8
127,5°	7.7	7.7	8.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.5	8.5
130,0°	7.7	7.7	7.7	7.7	7.7	7.7	8.3	8.3	8.3	8.3	8.3	8.3	8.3
132,5°	7.2	7.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.0	7.7	8.0	8.0
135,0°	7.2	7.2	7.2	7.2	7.2	7.5	7.7	7.7	7.7	7.7	7.7	7.7	8.0
137,5°	6.7	6.9	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.5	7.5	7.5	7.7
140,0°	6.7	6.7	6.7	6.7	6.9	6.9	7.2	7.2	7.2	7.2	7.2	7.5	7.5
142,5°	6.4	6.4	6.7	6.7	6.7	6.7	6.9	6.9	6.9	6.9	6.9	6.9	7.2
145,0°	6.1	6.1	6.4	6.4	6.4	6.7	6.7	6.7	6.7	6.9	6.9	6.9	6.9
147,5°	5.9	6.1	6.1	6.1	6.4	6.4	6.4	6.4	6.7	6.7	6.7	6.7	6.7
150,0°	5.9	5.9	6.1	6.1	6.1	6.4	6.4	6.4	6.4	6.4	6.4	6.7	6.7
152,5°	5.6	5.6	5.9	5.9	5.9	5.9	6.1	6.1	6.1	6.4	6.4	6.4	6.4
155,0°	5.1	5.3	5.3	5.3	5.6	5.6	5.9	5.6	5.9	5.9	5.9	5.9	6.1
157,5°	4.8	4.8	5.1	5.1	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.6
160,0°	4.3	4.5	4.5	4.5	4.5	4.8	4.8	4.8	4.8	4.8	5.1	5.1	5.1
162,5°	3.7	3.7	4.0	4.0	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5
165,0°	3.2	3.2	3.5	3.5	3.5	3.5	3.5	3.5	3.7	3.7	3.7	3.7	3.7
167,5°	2.7	2.7	2.7	2.7	2.9	2.9	2.7	2.7	2.7	2.7	2.7	2.9	2.9
170,0°	2.1	2.1	2.1	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
172,5°	2.1	1.9	2.1	2.1	2.1	1.9	1.9	1.9	1.6	1.6	1.6	1.6	1.6
175,0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
177,5°	1.1	1.1	1.6	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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.: 5XA5305EF14H + 5XA54000XBL EAN: 4058352636350 + 4050737971421	LP-Nummer 59088_60
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												
115,0°	9.9	9.9	10.1	10.1	10.1	10.1	8.3	8.0	7.7	7.5	6.7	6.4	5.9
117,5°	9.9	9.6	9.6	9.6	9.6	9.6	8.3	8.0	7.7	7.2	6.9	6.4	5.9
120,0°	9.3	9.3	9.3	9.3	9.6	9.6	8.3	7.7	7.7	7.2	6.9	6.4	5.9
122,5°	9.1	9.1	9.1	9.1	9.1	9.1	7.7	7.7	7.7	7.2	6.7	6.4	5.9
125,0°	8.8	8.8	8.8	8.8	8.5	8.5	7.7	7.7	7.2	7.2	6.7	6.1	5.9
127,5°	8.5	8.5	8.5	8.5	8.5	8.5	7.7	7.2	7.2	6.9	6.7	6.1	5.6
130,0°	8.3	8.3	8.3	8.3	8.0	8.0	7.2	7.2	6.9	6.7	6.4	5.9	5.6
132,5°	8.0	8.0	8.0	8.0	8.0	8.0	7.2	7.2	6.7	6.7	6.1	5.9	5.3
135,0°	7.7	8.0	7.7	7.7	7.5	7.5	6.9	6.7	6.7	6.4	6.1	5.9	5.3
137,5°	7.7	7.5	7.5	7.5	7.5	7.5	6.7	6.7	6.4	6.1	5.9	5.3	5.3
140,0°	7.5	7.5	7.5	7.5	7.5	7.5	6.4	6.1	6.1	5.9	5.6	5.3	4.8
142,5°	7.2	7.2	7.2	6.9	6.9	6.9	6.1	6.1	5.9	5.6	5.6	5.3	4.8
145,0°	6.9	6.9	6.9	6.9	6.9	6.9	5.9	5.9	5.9	5.6	5.3	4.8	4.8
147,5°	6.9	6.9	6.9	6.9	6.9	6.9	5.9	5.6	5.6	5.3	5.3	4.8	4.8
150,0°	6.7	6.4	6.4	6.4	6.4	6.4	5.6	5.6	5.3	5.3	5.1	4.8	4.8
152,5°	6.4	6.4	6.4	6.4	6.4	6.4	5.3	5.3	5.1	5.1	5.1	4.8	4.8
155,0°	5.9	5.9	5.9	5.9	5.9	5.9	5.1	4.8	4.8	4.8	4.8	4.8	4.8
157,5°	5.9	5.9	5.9	5.9	5.9	5.9	4.8	4.5	4.5	4.8	4.8	4.8	4.8
160,0°	5.1	5.1	5.1	5.3	5.1	4.8	4.3	4.0	4.3	4.3	4.3	4.5	4.8
162,5°	4.5	4.5	4.3	4.3	4.3	4.3	3.7	3.5	3.5	3.7	3.7	3.7	3.7
165,0°	3.7	3.7	3.7	3.7	3.7	3.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2
167,5°	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
170,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	2.1	2.1	2.1
172,5°	2.1	1.6	1.6	1.6	1.6	1.6	1.9	1.6	1.6	1.6	1.6	1.6	1.6
175,0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
177,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.6
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.: 5XA5305EF14H + 5XA54000XBL EAN: 4058352636350 + 4050737971421	LP-Nummer 59088_60
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	5.3	4.8	4.3	4.3	3.7	3.7	3.2	3.2	2.9	2.7	2.7	1.8	979.4
117,5°	5.3	4.8	4.3	4.3	3.7	3.7	3.2	3.2	2.9	2.7	2.7	1.8	981.2
120,0°	5.3	4.8	4.5	4.3	3.7	3.7	3.2	3.2	3.2	2.9	2.7	1.7	982.9
122,5°	5.3	4.8	4.3	4.3	4.0	3.7	3.2	3.2	3.2	3.2	3.2	1.6	984.5
125,0°	5.3	4.8	4.3	4.3	4.0	3.7	3.2	3.2	3.2	3.2	3.2	1.5	986.1
127,5°	5.3	4.8	4.5	4.3	3.7	3.7	3.5	3.2	3.2	3.2	3.2	1.5	987.5
130,0°	5.3	4.8	4.3	4.3	3.7	3.7	3.2	3.2	3.2	3.2	3.2	1.4	988.9
132,5°	5.1	4.8	4.3	4.3	3.7	3.7	3.5	3.2	3.2	3.2	3.2	1.3	990.2
135,0°	5.1	4.8	4.3	4.0	3.7	3.7	3.2	3.2	3.2	3.2	3.2	1.2	991.4
137,5°	4.8	4.3	4.3	3.7	3.7	3.5	3.2	3.2	3.2	3.2	3.2	1.1	992.5
140,0°	4.8	4.3	4.0	3.7	3.7	3.2	3.2	3.2	3.2	3.2	2.7	1.0	993.6
142,5°	4.8	4.3	4.3	3.7	3.7	3.5	3.2	3.2	3.2	3.2	3.2	1.0	994.5
145,0°	4.5	4.3	4.0	3.7	3.7	3.5	3.2	3.2	3.2	3.2	2.7	0.9	995.4
147,5°	4.5	4.3	4.0	3.7	3.7	3.7	3.2	3.2	3.2	2.9	2.7	0.8	996.2
150,0°	4.3	4.3	4.0	3.7	3.7	3.5	3.2	3.2	3.2	2.7	2.7	0.7	996.9
152,5°	4.3	4.3	4.3	3.7	3.7	3.5	3.2	3.2	2.9	2.7	2.7	0.7	997.6
155,0°	4.3	4.3	4.3	4.0	3.7	3.5	3.5	3.2	3.2	2.9	3.2	0.6	998.1
157,5°	4.8	4.8	4.3	4.0	3.7	3.7	3.7	3.2	3.2	3.2	3.2	0.5	998.7
160,0°	4.8	4.8	4.3	4.0	4.0	3.7	3.7	3.5	3.2	3.2	3.2	0.4	999.1
162,5°	3.7	3.7	3.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.3	999.4
165,0°	3.2	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.2	999.6
167,5°	2.7	2.7	2.7	2.7	2.7	2.4	2.4	2.4	2.1	2.1	2.1	0.2	999.8
170,0°	2.4	2.4	2.4	2.4	2.4	2.4	2.1	2.1	1.6	1.6	1.6	0.1	999.9
172,5°	1.9	2.1	1.9	1.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.1	999.9
175,0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.0	1000.0
177,5°	1.6	1.3	1.3	1.1	1.6	1.3	1.3	1.6	1.3	1.6	1.6	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.: 5XA5305EF14H + 5XA54000XBL EAN: 4058352636350 + 4050737971421	LP-Nummer 59088_60
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	1530	10.5	10.8	10.6
95	241	252	1452	10.0	10.3	10.2
90	229	250	1379	9.4	9.8	9.6
85	216	248	1301	8.9	9.2	9.0
80	203	246	1223	8.3	8.7	8.5
75	190	243	1144	7.8	8.1	8.0
70	178	241	1072	7.3	7.6	7.4
65	165	238	994	6.9	7.1	7.0
60	152	235	916	6.4	6.6	6.5
55	140	232	843	5.9	6.1	6.0
50	127	229	765	5.4	5.6	5.5
45	114	225	687	5.0	5.2	5.1
40	102	221	614	4.6	4.7	4.6
35	89	216	536	4.1	4.3	4.2
30	76	210	458	3.7	3.8	3.8
28	72	208	434	3.5	3.7	3.6