

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT PLUS LED

Bestell-Nr.: 5XA5275EF14H + 5XA54000XBL
EAN: 4058352636138 + 4050737971421

LP-Nummer
59108_20



Ausführung Mastaufsatz- oder Montage am Wandausleger, Abschirmung hausseitig

Optik asymmetrisch, breit strahlend (ST1.2a)

Abdeckung Abdeckung klar, PMMA

Bestückung LED 3000 K | CRI \geq 70

Betriebsgerät EVG SITECO iQ

Bemessungswerte Nettolichtstrom = 1460 lm
Systemleistung = 10.5 W
Lichtausbeute = 139 lm/W

Seriendokumentation
07.07.2022

siteco

Lichtstärke in cd/klm

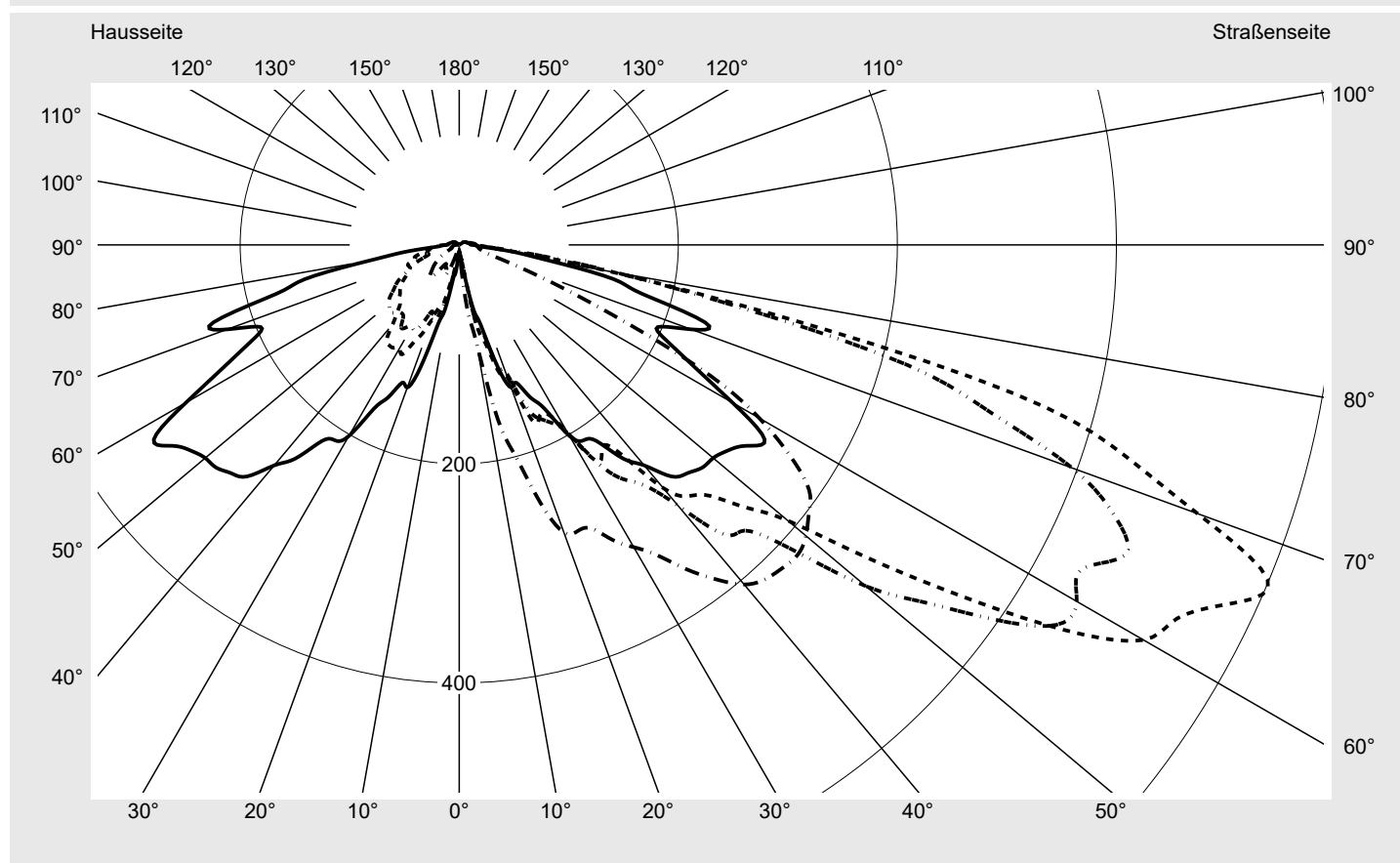
C180-0

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

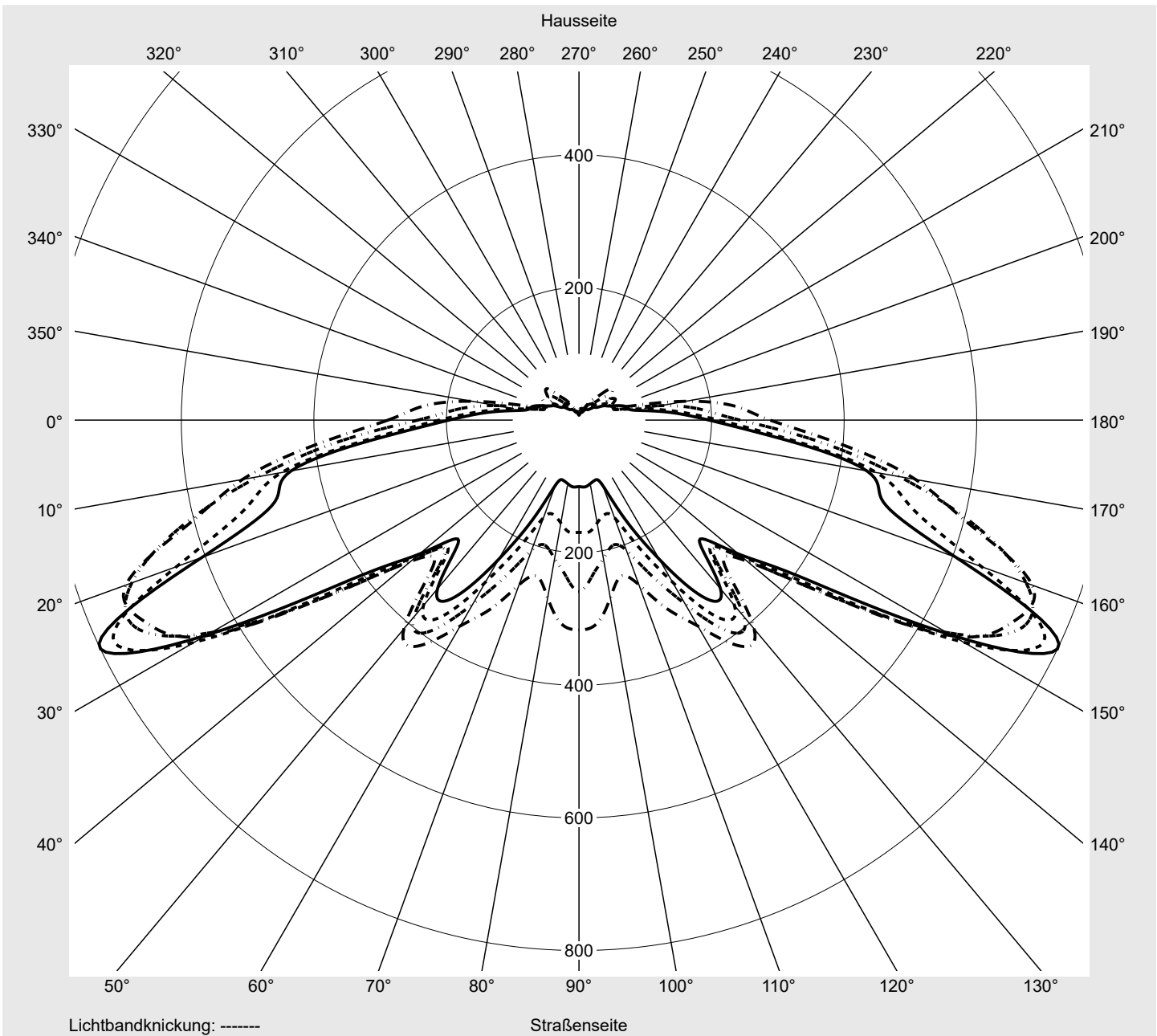
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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°**



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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°	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

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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°	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

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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°	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

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275EF14H + 5XA54000XBL EAN: 4058352636138 + 4050737971421	LP-Nummer 59108_20
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°	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

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275EF14H + 5XA54000XBL EAN: 4058352636138 + 4050737971421	LP-Nummer 59108_20
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°	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

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275EF14H + 5XA54000XBL EAN: 4058352636138 + 4050737971421	LP-Nummer 59108_20
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°	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

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275EF14H + 5XA54000XBL EAN: 4058352636138 + 4050737971421	LP-Nummer 59108_20
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	1460	10.5	10.8	10.6
95	241	252	1385	10.0	10.3	10.2
90	229	250	1316	9.4	9.8	9.6
85	216	248	1242	8.9	9.2	9.0
80	203	246	1167	8.3	8.7	8.5
75	190	243	1092	7.8	8.1	8.0
70	178	241	1023	7.3	7.6	7.4
65	165	238	948	6.9	7.1	7.0
60	152	235	874	6.4	6.6	6.5
55	140	232	805	5.9	6.1	6.0
50	127	229	730	5.4	5.6	5.5
45	114	225	655	5.0	5.2	5.1
40	102	221	586	4.6	4.7	4.6
35	89	216	512	4.1	4.3	4.2
30	76	210	437	3.7	3.8	3.8
28	72	208	414	3.5	3.7	3.6