

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT PLUS LED

Bestell-Nr.: **5XA5275BF14H + 5XA54000XS**
EAN: **4058352835166 + 4050737730073**

LP-Nummer
59287_17



Ausführung Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, strukturiert
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2200 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1370 lm
Systemleistung = 12.9 W
Lichtausbeute = 106.2 lm/W

Seriendokumentation
07.07.2022

siteco

Lichtstärke in cd/klm

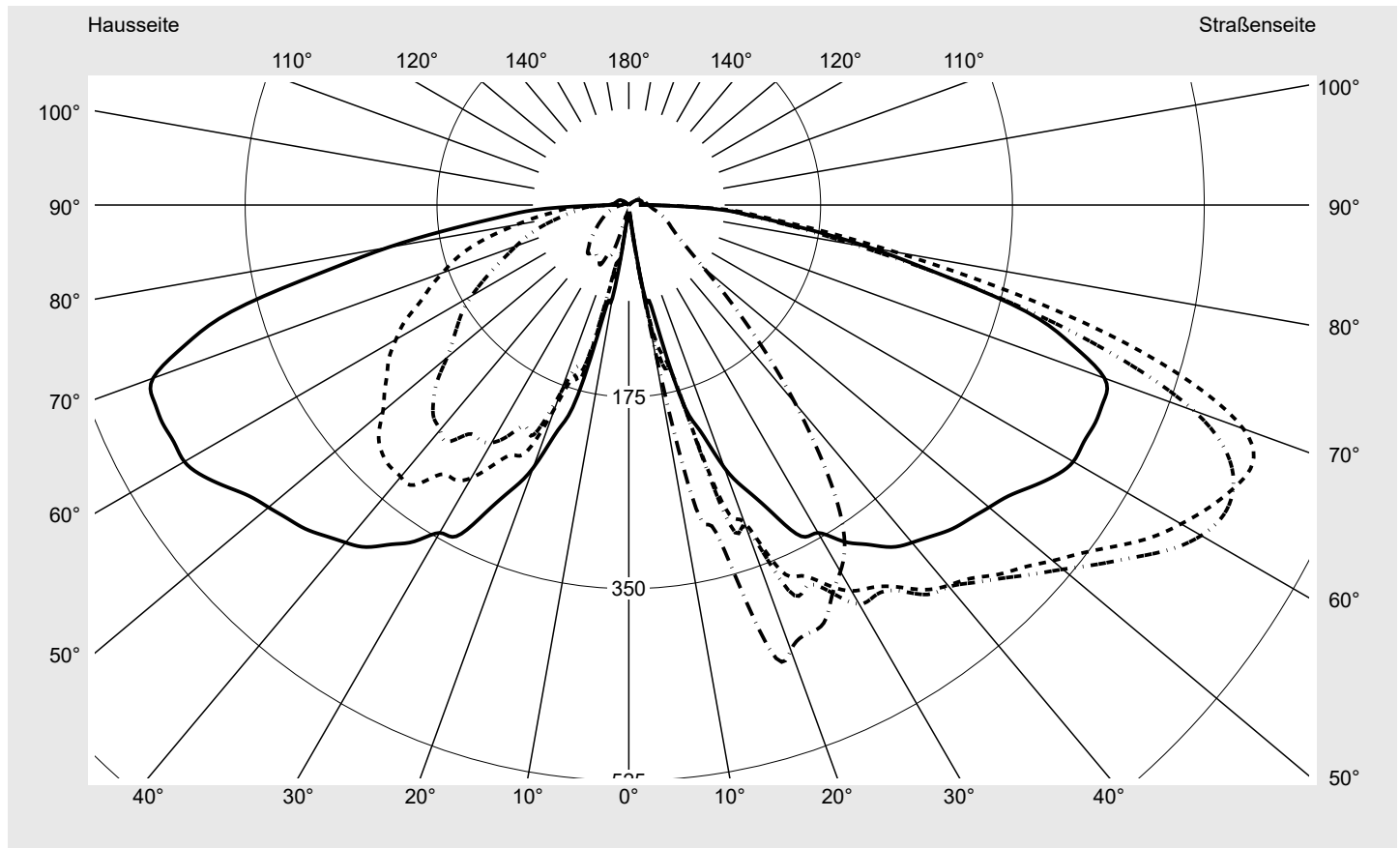
C180-0

C190-10

C195-15

C270-90

Imax: 616 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	96.1%
Eta 90° - 180°	3.9%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	596.6
Imax 80°	248.1
Imax 90°	17.9
Imax >90°	16.9
Imax >95°	15.9

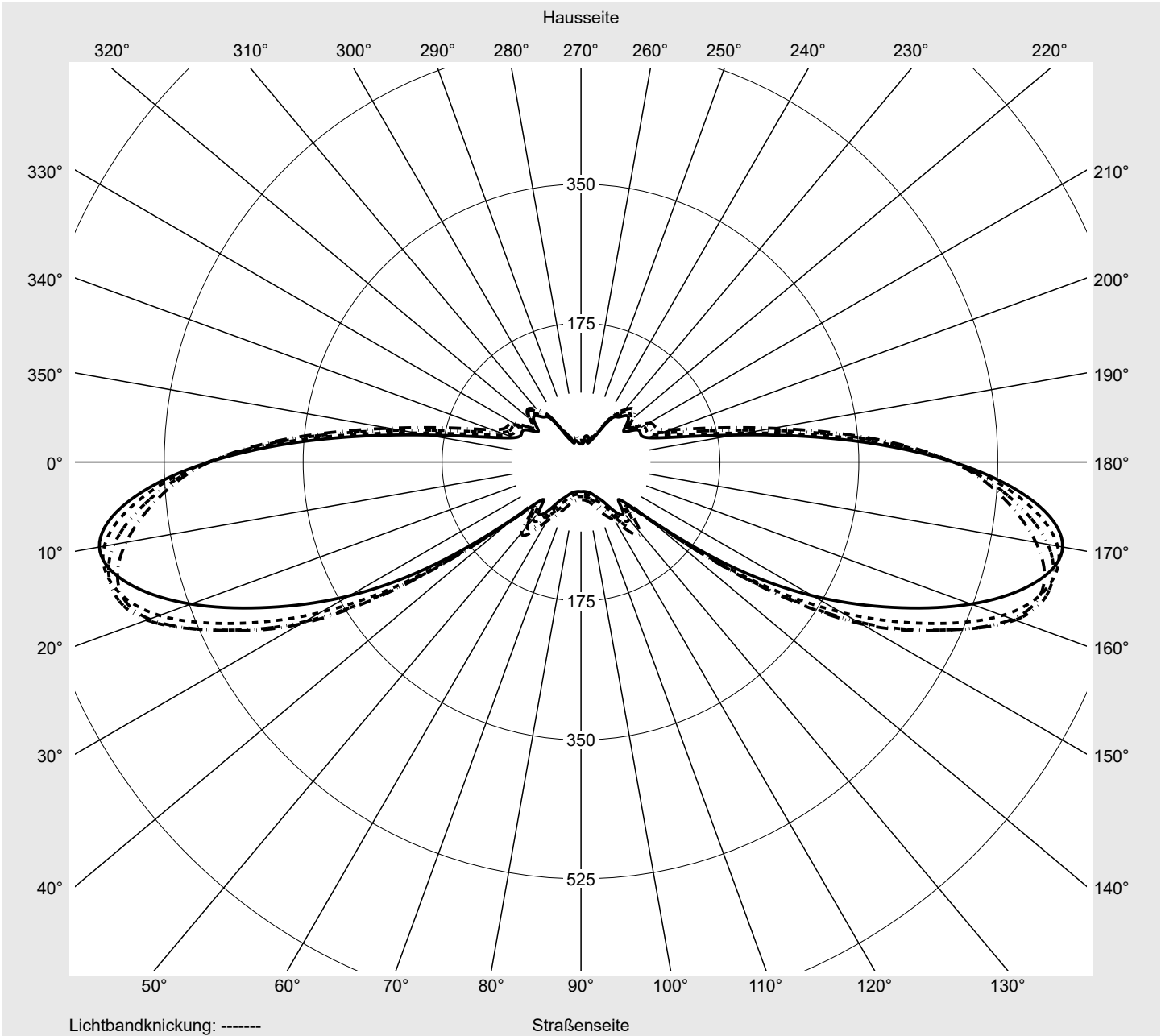
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP-Nummer 59287_17
---------------------------------------	--	------------------------------

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



Lichttechnischer Prüfbefund

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP-Nummer 59287_17
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°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
2,5°	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.7	10.9	11.0	11.1	11.3
5,0°	11.1	11.1	11.2	11.2	11.3	11.4	11.5	11.5	11.7	11.8	12.0	12.2	12.5
7,5°	15.8	18.4	21.9	25.6	28.9	29.3	26.8	26.6	29.1	30.0	27.5	29.4	32.7
10,0°	86.6	95.5	99.9	102.8	105.2	104.0	98.6	83.7	66.4	46.4	46.9	72.7	84.4
12,5°	94.3	115.3	139.2	152.9	161.7	164.5	160.9	139.4	124.3	94.1	104.2	132.4	172.6
15,0°	179.5	179.9	175.6	172.3	180.6	189.6	214.2	217.1	206.6	188.9	184.8	219.4	304.9
17,5°	215.6	245.8	286.4	304.6	299.9	289.0	273.4	283.9	232.0	231.8	219.3	246.9	344.7
20,0°	255.2	289.1	307.9	312.6	306.1	303.6	317.6	329.1	286.1	306.9	306.9	316.2	388.1
22,5°	281.9	315.5	360.0	380.3	361.8	345.5	339.2	359.0	304.4	313.1	299.4	315.5	394.8
25,0°	310.0	344.7	373.2	383.7	361.7	354.9	355.0	355.8	289.4	310.7	305.4	317.0	390.7
27,5°	340.7	370.0	390.3	397.8	371.5	367.6	364.9	354.3	272.2	304.5	299.6	304.9	369.5
30,0°	345.3	377.3	406.5	420.4	398.0	389.1	385.7	349.1	252.3	285.7	290.3	292.0	345.9
32,5°	363.8	390.6	413.6	421.1	394.3	385.6	383.4	342.0	231.6	265.8	275.1	271.7	315.9
35,0°	377.9	404.2	425.2	429.6	405.1	394.9	390.9	334.3	212.4	244.3	263.2	252.6	282.3
37,5°	393.3	418.9	442.3	447.8	419.8	401.9	394.7	328.1	192.8	230.6	251.1	234.4	256.4
40,0°	402.0	427.5	453.1	454.6	427.4	404.2	393.0	312.4	175.9	204.7	234.3	215.6	229.9
42,5°	409.6	435.8	462.0	467.0	437.8	406.3	389.7	301.5	155.8	183.0	216.9	198.3	206.2
45,0°	417.6	446.8	476.6	481.6	453.8	415.0	388.9	288.2	141.9	160.2	197.7	178.8	180.0
47,5°	422.9	455.9	489.0	498.7	472.1	427.0	391.6	280.4	126.5	142.3	179.6	161.4	158.8
50,0°	429.1	469.7	504.8	517.0	491.8	439.8	392.0	270.5	118.3	124.9	162.4	147.6	139.6
52,5°	436.3	485.4	521.5	538.5	512.7	452.4	394.8	266.7	109.4	109.8	149.3	135.5	123.5
55,0°	448.1	503.6	542.5	560.9	535.3	468.1	397.0	264.0	111.3	100.5	136.5	124.4	108.5
57,5°	460.3	521.4	564.6	585.1	559.8	485.6	403.6	264.4	111.7	91.8	126.9	115.3	96.0
60,0°	468.2	535.4	581.8	603.0	578.5	501.6	407.8	264.3	115.0	87.1	116.1	107.1	86.0
62,5°	468.0	546.0	597.2	611.9	581.9	500.7	402.2	259.7	115.0	80.2	105.6	97.5	76.4
65,0°	469.7	559.9	609.7	608.5	565.0	480.8	378.8	249.9	114.8	76.3	93.3	87.7	68.1
67,5°	468.7	572.6	616.0	590.5	523.0	433.2	336.8	224.8	108.8	66.9	82.6	77.5	58.9
70,0°	461.9	560.5	596.6	548.6	461.3	371.7	281.9	193.8	100.3	61.8	70.7	67.4	51.4
72,5°	424.3	514.6	537.4	475.3	380.8	298.4	223.1	156.2	85.8	51.8	60.5	58.4	44.5
75,0°	375.2	440.4	449.6	384.9	300.5	233.1	173.9	123.5	70.7	44.9	50.0	49.8	38.9
77,5°	290.1	342.5	343.6	290.2	223.9	171.6	130.5	93.7	55.6	35.6	40.8	41.7	33.4
80,0°	223.3	248.1	246.9	210.3	163.9	126.7	98.1	70.9	43.3	29.7	32.5	34.2	28.9
82,5°	159.6	174.4	174.5	152.7	121.7	94.4	75.0	54.8	34.7	24.5	27.0	29.3	25.6
85,0°	113.2	119.9	121.0	110.3	90.4	70.9	57.3	42.9	28.2	21.4	22.7	25.1	23.2
87,5°	76.1	82.5	84.4	79.2	66.4	53.4	44.1	33.9	23.5	18.5	19.8	22.2	21.3
90,0°	15.7	15.2	16.5	17.2	17.0	16.8	16.7	15.9	13.8	12.9	14.5	16.6	17.3
92,5°	13.8	14.1	15.3	15.7	15.4	15.2	14.8	14.0	12.5	11.8	13.0	14.8	15.8
95,0°	13.3	13.6	14.6	15.0	14.7	14.5	14.2	13.5	12.2	11.7	12.7	14.2	15.2
97,5°	12.8	13.1	14.0	14.4	14.1	13.8	13.5	12.9	11.9	11.5	12.2	13.7	14.6
100,0°	12.4	12.7	13.5	13.8	13.5	13.2	12.9	12.3	11.6	11.4	12.0	13.2	14.0
102,5°	11.9	12.2	12.9	13.2	12.9	12.6	12.3	11.8	11.2	11.1	11.6	12.7	13.5
105,0°	11.5	11.8	12.5	12.7	12.3	12.0	11.8	11.3	11.0	11.0	11.4	12.3	13.1
107,5°	11.1	11.4	12.0	12.1	11.8	11.6	11.3	11.0	10.7	10.8	11.2	11.9	12.7
110,0°	10.8	11.0	11.6	11.7	11.4	11.1	10.9	10.6	10.6	10.7	11.0	11.6	12.3
112,5°	10.4	10.8	11.2	11.3	11.0	10.7	10.5	10.3	10.3	10.5	10.8	11.2	11.9

Lichttechnischer Prüfbefund

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP-Nummer 59287_17
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°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
2,5°	11.5	11.8	12.0	12.1	12.2	12.2	10.4	10.5	10.5	10.5	10.6	10.6	10.6
5,0°	12.8	13.1	13.4	13.5	13.6	13.7	11.0	11.1	11.0	11.1	11.1	11.0	11.0
7,5°	33.5	32.7	31.2	30.0	29.1	28.7	14.0	13.0	12.5	12.2	12.1	12.0	11.9
10,0°	94.8	109.0	113.1	111.7	116.0	119.1	79.6	68.6	56.4	47.3	32.6	20.9	15.4
12,5°	202.3	219.0	237.7	258.5	275.2	283.7	76.7	69.1	60.6	57.3	62.3	71.2	62.1
15,0°	330.1	323.9	315.1	319.4	309.4	310.4	170.6	157.1	147.0	146.5	117.6	90.4	78.3
17,5°	395.3	407.2	413.9	411.7	414.7	422.8	182.1	163.2	154.0	133.7	115.1	93.1	80.7
20,0°	421.8	425.8	427.4	425.5	426.4	432.2	220.2	196.8	183.2	161.5	140.4	124.0	104.3
22,5°	433.0	430.0	428.7	424.2	423.3	423.7	257.5	243.5	226.9	184.3	153.5	131.4	109.0
25,0°	426.0	422.0	420.8	418.2	419.9	420.8	277.6	251.5	222.7	187.8	157.8	132.5	109.9
27,5°	402.6	400.7	401.7	399.5	400.7	401.5	306.2	267.2	236.8	198.7	167.6	147.6	114.2
30,0°	375.3	374.7	376.9	378.0	382.9	386.1	323.5	287.5	250.3	207.0	172.2	143.0	111.2
32,5°	341.1	342.6	348.7	354.5	362.6	366.6	338.7	296.7	253.9	207.3	174.2	154.9	128.0
35,0°	305.2	309.4	317.4	323.0	328.7	331.9	348.7	300.1	255.2	205.2	169.1	163.0	145.7
37,5°	275.5	278.5	281.9	282.6	283.7	284.8	366.5	322.0	272.3	216.5	175.9	163.8	144.5
40,0°	245.5	245.1	243.0	238.7	236.2	236.2	373.7	323.7	268.0	211.2	170.4	155.1	135.2
42,5°	214.9	210.7	204.4	197.0	191.8	190.5	378.6	323.0	263.3	203.1	163.2	149.8	125.4
45,0°	183.7	176.9	166.9	157.3	151.0	148.7	381.7	318.8	251.9	188.3	150.8	139.3	115.3
47,5°	156.9	147.3	136.0	125.5	117.8	115.1	378.6	309.5	236.8	171.9	138.0	129.2	106.4
50,0°	133.5	122.3	109.6	99.1	91.7	89.5	372.9	292.9	216.4	154.8	124.1	117.3	95.3
52,5°	114.2	102.2	89.6	80.1	74.0	72.1	366.0	281.0	202.2	143.4	116.8	110.4	86.6
55,0°	97.8	86.0	74.1	66.5	62.0	60.9	364.0	269.3	190.6	134.4	111.2	104.3	80.8
57,5°	85.1	73.0	63.1	57.2	53.6	52.7	364.3	259.3	179.5	127.2	108.0	101.0	76.9
60,0°	74.5	63.5	55.2	50.5	48.1	47.7	359.3	245.3	165.5	119.0	103.8	97.8	75.7
62,5°	64.9	55.1	48.8	45.5	43.8	43.6	352.0	230.6	149.9	108.8	97.3	93.5	74.2
65,0°	57.3	49.3	44.2	41.8	40.6	40.6	342.1	210.6	134.8	99.7	91.4	88.8	71.4
67,5°	49.6	43.5	39.7	38.1	37.2	37.3	328.5	196.1	121.0	89.7	82.8	81.1	66.5
70,0°	43.3	38.7	36.1	35.0	34.6	34.8	315.1	180.9	109.4	80.3	75.2	73.9	60.9
72,5°	37.8	34.4	32.7	31.9	31.6	31.7	288.0	166.6	99.0	71.2	67.1	65.7	54.9
75,0°	33.3	30.8	29.6	29.0	28.7	28.8	255.3	149.4	87.7	62.7	59.7	58.4	49.5
77,5°	29.2	27.5	26.7	26.3	26.0	26.1	209.4	127.3	75.2	53.7	51.2	49.9	42.6
80,0°	25.7	24.6	24.0	23.7	23.3	23.3	163.7	104.4	63.2	44.9	42.9	41.6	36.1
82,5°	23.4	22.5	22.2	21.9	21.6	21.5	125.0	84.7	53.5	38.7	37.0	35.6	31.2
85,0°	21.7	21.2	20.9	20.6	20.2	20.1	91.6	65.9	44.0	32.8	31.1	29.7	26.0
87,5°	20.4	20.0	19.8	19.4	19.0	18.9	66.5	50.5	35.9	27.0	24.8	23.6	21.2
90,0°	17.5	17.6	17.9	17.8	17.6	17.5	16.5	14.6	13.8	13.1	12.4	11.7	10.7
92,5°	16.2	16.5	16.8	16.9	16.8	16.7	13.7	13.4	12.9	12.1	11.5	10.9	9.9
95,0°	15.6	16.0	16.4	16.4	16.3	16.3	13.1	12.8	12.2	11.5	10.9	10.3	9.4
97,5°	15.1	15.5	15.9	15.9	15.8	15.8	12.6	12.2	11.6	11.0	10.4	9.8	8.9
100,0°	14.6	15.0	15.4	15.4	15.3	15.3	12.0	11.7	11.2	10.6	9.9	9.3	8.6
102,5°	14.0	14.5	14.9	15.0	14.9	14.9	11.5	11.2	10.7	10.1	9.5	8.9	8.2
105,0°	13.6	14.1	14.5	14.6	14.5	14.6	11.1	10.8	10.3	9.7	9.1	8.5	7.9
107,5°	13.2	13.7	14.2	14.3	14.1	14.2	10.8	10.4	9.9	9.4	8.8	8.3	7.6
110,0°	12.8	13.4	13.8	13.9	13.9	13.9	10.5	10.1	9.7	9.1	8.6	8.0	7.4
112,5°	12.4	13.0	13.5	13.6	13.5	13.6	10.1	9.8	9.3	8.8	8.2	7.8	7.3

Lichttechnischer Prüfbefund

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP-Nummer 59287_17
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	
0,0°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	0.0	0.0
2,5°	10.7	10.8	10.9	11.0	11.2	11.3	11.5	11.6	11.6	11.7	11.8	0.1	0.1
5,0°	11.1	11.3	11.4	11.5	11.6	11.7	11.8	11.8	11.8	11.8	11.8	0.3	0.4
7,5°	11.9	12.0	12.1	12.2	12.3	12.4	12.4	12.3	12.1	11.9	11.8	0.7	1.2
10,0°	13.7	13.4	13.4	13.4	13.5	13.6	13.5	13.1	12.6	12.4	12.2	2.9	4.0
12,5°	51.3	39.0	31.7	22.1	16.5	15.2	14.7	13.5	12.7	12.2	12.1	6.2	10.2
15,0°	63.6	46.7	45.8	43.8	32.0	22.2	21.5	19.7	17.6	13.6	12.7	11.1	21.3
17,5°	72.8	54.8	45.1	37.0	31.3	27.9	32.1	37.3	35.9	36.6	37.1	16.2	37.5
20,0°	91.4	80.9	58.5	52.4	50.5	36.4	40.5	41.4	42.6	47.2	48.6	21.0	58.5
22,5°	89.6	75.6	62.1	52.8	52.9	39.4	44.1	60.3	54.4	49.8	47.6	25.2	83.7
25,0°	88.0	73.5	60.2	55.2	55.9	46.2	43.9	57.6	59.9	59.9	59.4	28.1	111.8
27,5°	88.3	72.9	61.0	58.5	63.7	56.0	47.8	57.1	59.4	58.2	58.1	31.0	142.7
30,0°	90.6	81.2	71.3	63.4	61.9	54.8	47.5	57.1	57.6	57.0	55.1	33.4	176.2
32,5°	96.6	81.4	74.7	73.8	72.9	60.6	46.5	55.5	57.1	55.5	54.6	35.4	211.5
35,0°	124.2	108.1	90.7	83.6	77.9	60.5	45.7	53.7	54.5	52.3	52.8	37.3	248.8
37,5°	125.6	114.6	99.3	88.8	78.5	64.0	49.4	56.2	57.2	53.8	54.7	39.1	287.9
40,0°	125.4	116.3	100.7	88.2	77.7	61.0	48.8	56.9	59.2	56.8	57.9	39.7	327.6
42,5°	123.4	117.1	101.2	87.1	78.6	63.3	50.6	55.7	57.0	54.4	54.9	40.2	367.8
45,0°	121.0	118.7	103.2	85.9	74.6	58.8	48.4	52.5	53.7	50.5	51.0	40.3	408.0
47,5°	114.5	116.3	102.7	83.4	69.9	54.0	44.8	48.4	49.4	46.8	47.8	40.3	448.3
50,0°	106.7	112.4	101.3	81.0	64.8	49.4	41.9	44.3	45.2	42.7	43.0	40.2	488.5
52,5°	99.9	106.8	96.1	77.8	59.8	44.8	38.7	40.9	41.7	38.8	39.3	40.5	529.0
55,0°	92.8	101.3	92.9	75.4	55.6	41.7	36.3	37.9	38.4	35.5	35.9	41.2	570.2
57,5°	88.4	97.2	88.9	74.1	51.8	39.3	34.1	35.5	35.7	32.6	32.9	42.1	612.3
60,0°	85.7	94.4	85.9	72.3	48.7	36.8	31.8	33.3	33.2	29.9	29.9	42.9	655.1
62,5°	83.9	91.7	81.9	70.3	45.9	34.8	29.8	31.4	31.0	27.4	27.4	43.0	698.2
65,0°	80.2	86.6	77.1	67.8	43.9	32.3	27.5	29.4	28.8	25.3	25.0	42.6	740.7
67,5°	75.6	82.3	74.0	67.3	41.8	30.0	25.4	27.4	26.6	23.0	22.9	41.1	781.8
70,0°	70.9	75.3	66.6	60.2	39.6	27.6	23.3	25.3	24.3	21.1	20.8	38.4	820.2
72,5°	64.5	66.2	58.1	54.5	36.5	25.1	21.1	22.9	22.0	18.9	18.8	34.2	854.4
75,0°	56.9	56.2	48.5	45.7	31.7	22.3	18.9	20.6	19.8	16.9	16.7	29.2	883.6
77,5°	47.5	45.7	39.3	37.5	26.8	19.5	16.6	18.0	17.2	14.7	14.7	23.4	907.0
80,0°	38.2	35.6	30.5	29.4	22.0	16.7	14.6	15.6	14.7	12.4	12.3	18.2	925.2
82,5°	31.4	28.3	24.3	23.9	18.9	14.7	13.0	13.7	12.7	10.7	10.6	14.1	939.3
85,0°	25.0	22.3	19.4	19.5	16.2	12.9	11.4	11.9	11.0	9.1	9.0	11.0	950.3
87,5°	18.8	16.0	13.8	14.4	12.0	10.6	10.1	10.5	9.7	8.0	8.0	8.4	958.7
90,0°	8.9	7.6	6.6	8.0	8.5	8.2	8.2	8.2	7.5	6.1	6.1	3.6	962.3
92,5°	8.3	7.0	5.8	6.8	7.4	7.3	7.2	7.3	6.8	5.6	5.7	3.3	965.6
95,0°	8.0	6.9	5.6	6.4	6.8	6.7	6.6	6.8	6.4	5.4	5.5	3.2	968.8
97,5°	7.8	6.7	5.5	6.0	6.4	6.3	6.2	6.4	6.1	5.3	5.4	3.0	971.8
100,0°	7.5	6.6	5.5	5.7	6.0	5.9	5.9	6.0	5.7	5.2	5.3	2.9	974.7
102,5°	7.4	6.4	5.4	5.5	5.7	5.6	5.6	5.8	5.5	5.1	5.2	2.8	977.5
105,0°	7.2	6.3	5.4	5.3	5.5	5.4	5.4	5.6	5.4	5.1	5.1	2.6	980.1
107,5°	7.0	6.2	5.3	5.1	5.2	5.2	5.2	5.4	5.3	5.0	5.1	2.5	982.7
110,0°	6.8	6.1	5.4	5.0	5.1	5.1	5.1	5.3	5.2	5.0	5.1	2.4	985.1
112,5°	6.7	6.0	5.3	4.9	4.9	4.9	4.9	5.1	5.1	5.0	5.1	2.3	987.4

Lichttechnischer Prüfbefund

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP-Nummer 59287_17
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°	10.1	10.4	10.9	10.9	10.6	10.3	10.1	10.0	10.1	10.3	10.6	11.0	11.5
117,5°	9.6	10.0	10.3	10.5	10.1	9.8	9.7	9.6	9.8	10.1	10.3	10.7	11.1
120,0°	9.1	9.4	9.7	9.9	9.5	9.3	9.2	9.2	9.4	9.7	10.0	10.3	10.7
122,5°	8.0	8.4	8.7	8.8	8.4	8.2	8.3	8.4	8.6	8.8	9.1	9.4	9.7
125,0°	6.4	6.5	6.8	6.9	6.6	6.5	6.6	6.7	6.9	7.0	7.3	7.5	7.8
127,5°	4.3	4.5	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.7	4.9	5.0	5.2
130,0°	3.0	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	3.0	3.0	3.1
132,5°	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.6
135,0°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.1
137,5°	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6
140,0°	1.8	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1
142,5°	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8
145,0°	1.3	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.7
147,5°	1.1	1.2	1.2	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8
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.: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP-Nummer 59287_17
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°	12.1	12.6	13.1	13.2	13.2	13.2	9.8	9.4	9.0	8.5	8.0	7.5	7.0
117,5°	11.6	12.2	12.7	12.8	12.8	12.9	9.3	8.9	8.5	8.0	7.6	7.1	6.7
120,0°	11.1	11.7	12.1	12.3	12.3	12.4	8.7	8.4	8.0	7.6	7.1	6.8	6.4
122,5°	10.1	10.6	11.1	11.2	11.3	11.3	7.8	7.5	7.1	6.7	6.3	6.0	5.7
125,0°	8.1	8.5	8.9	9.1	9.1	9.1	6.0	5.8	5.5	5.2	5.0	4.7	4.5
127,5°	5.4	5.6	5.8	5.9	6.0	6.0	4.2	4.0	3.8	3.7	3.6	3.4	3.3
130,0°	3.1	3.1	3.3	3.3	3.4	3.3	2.9	2.9	2.9	2.8	2.7	2.7	2.7
132,5°	2.6	2.6	2.7	2.8	2.8	2.8	2.6	2.6	2.5	2.5	2.5	2.6	2.5
135,0°	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.5	2.4	2.3	2.2
137,5°	1.6	1.6	1.6	1.6	1.7	1.7	1.9	2.2	2.2	2.2	2.1	2.0	1.9
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.9	1.9	1.9	1.7	1.6	1.5	1.4
142,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.5	1.5	1.4	1.3	1.3	1.2	1.2
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	1.3	1.2	1.2	1.2	1.1	1.2	1.2
147,5°	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.1	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.: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP-Nummer 59287_17
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°	6.5	5.9	5.3	4.8	4.7	4.6	4.7	4.9	4.9	4.9	5.0	2.2	989.6
117,5°	6.2	5.6	5.0	4.5	4.3	4.3	4.3	4.5	4.5	4.6	4.7	2.1	991.7
120,0°	5.9	5.4	4.8	4.4	4.0	3.9	3.9	4.1	4.2	4.3	4.4	1.9	993.6
122,5°	5.3	4.9	4.5	4.0	3.7	3.4	3.4	3.6	3.7	3.8	3.9	1.7	995.3
125,0°	4.2	3.9	3.6	3.3	3.0	2.8	2.7	2.8	2.9	3.0	3.1	1.3	996.6
127,5°	3.1	3.0	2.8	2.5	2.4	2.3	2.2	2.2	2.3	2.4	2.4	0.9	997.5
130,0°	2.7	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.9	2.0	2.0	0.6	998.1
132,5°	2.4	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.8	1.8	1.9	0.5	998.5
135,0°	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.7	0.4	998.9
137,5°	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.4	1.3	1.4	0.3	999.3
140,0°	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.2	0.2	999.5
142,5°	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
145,0°	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.2	999.9
147,5°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	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.: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP-Nummer 59287_17
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	1370	12.9	13.3	13.1
95	241	252	1300	12.2	12.6	12.4
90	229	250	1235	11.5	11.9	11.7
85	216	248	1165	10.7	11.1	10.9
80	203	246	1095	10.1	10.5	10.3
75	190	243	1025	9.4	9.8	9.6
70	178	241	960	8.9	9.1	9.0
65	165	238	890	8.2	8.4	8.3
60	152	235	820	7.6	7.8	7.7
55	140	232	755	7.0	7.2	7.1
50	127	229	685	6.4	6.6	6.5
45	114	225	615	5.8	6.0	5.9
40	102	221	550	5.3	5.4	5.4
35	89	216	480	4.8	4.9	4.8
30	76	210	410	4.3	4.3	4.3
25	63	203	340	3.7	3.8	3.8
24	60	201	324	3.5	3.7	3.6