

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT PLUS LED

Bestell-Nr.: 5XA5275LF14HP
EAN: 4058352835319

LP-Nummer
58711_19



Ausführung	Mastaufsatz- oder Montage am Wandausleger
Optik	asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung	Abdeckung klar, PMMA
Bestückung	LED 4000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ
Bemessungswerte	Nettolichtstrom = 4680 lm Systemleistung = 33.6 W Lichtausbeute = 139.3 lm/W

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

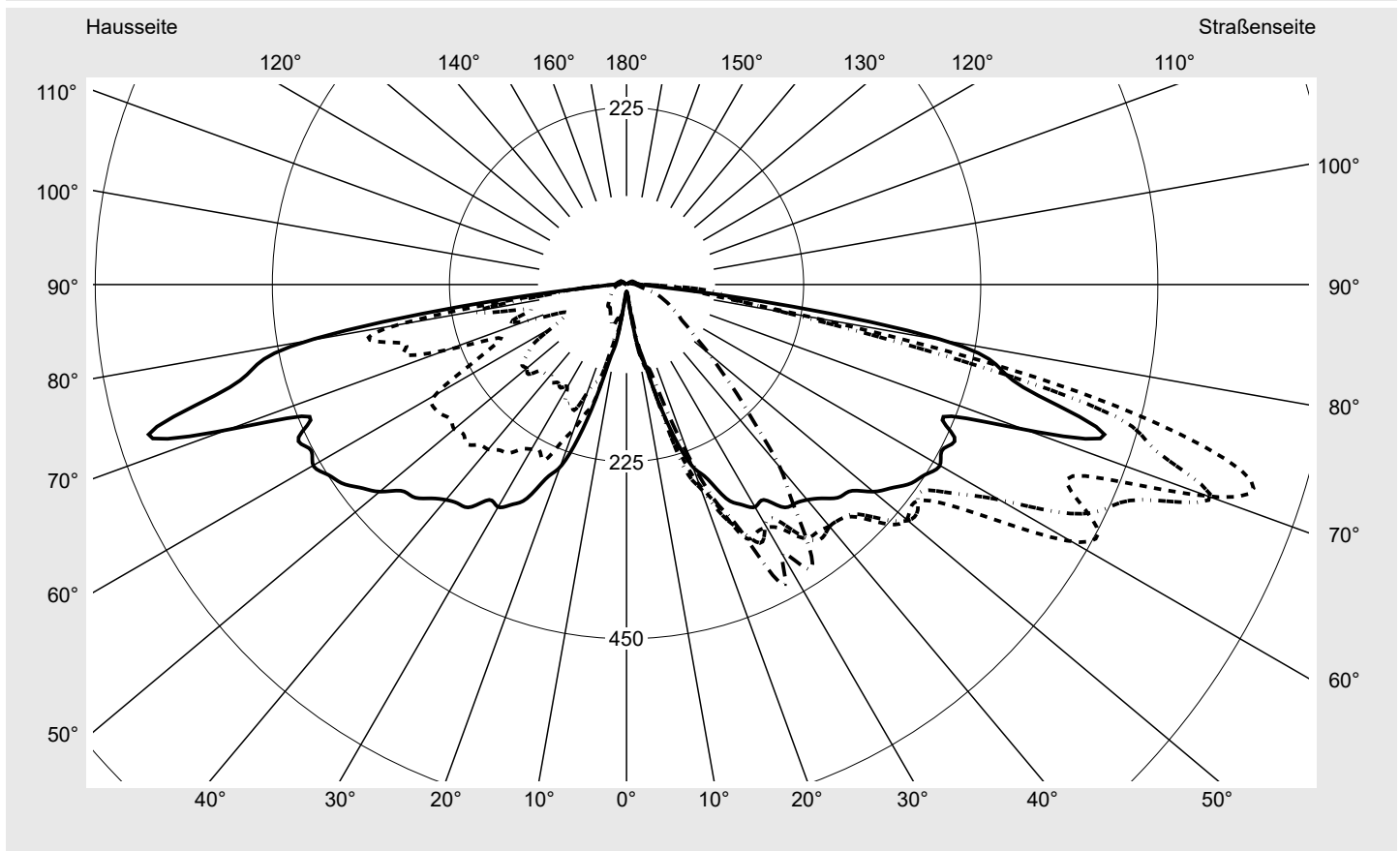
C180-0

C190-10

C195-15

C270-90

Imax: 833 cd/klm



Leuchtenbetriebswirkungsgrade

Eta	100.0%
Eta 0° - 90°	96.3%
Eta 90° - 180°	3.7%

Lichtstärkeklasse nach EN13201-2

Klasse:	---
Imax 70°	790.0
Imax 80°	410.7
Imax 90°	15.7
Imax >90°	14.4
Imax >95°	13.1

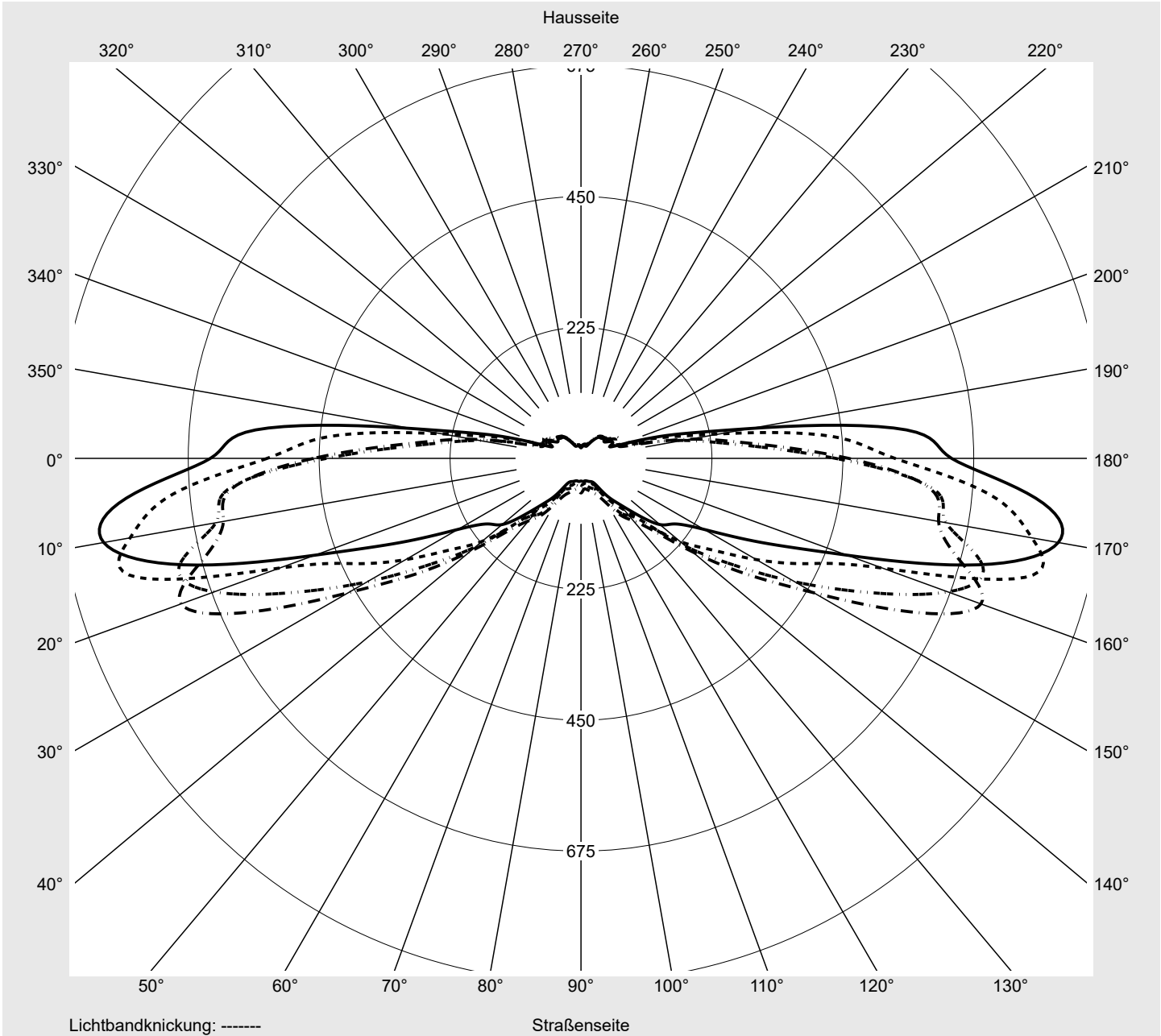
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 72,5°** **KMK 70°** **KMK 67,5°** **KMK 65°** **siteco**



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Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275LF14HP EAN: 4058352835319	LP-Nummer 58711_19
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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
2,5°	9.3	9.3	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	10.0
5,0°	11.3	11.1	11.1	10.9	10.6	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.1
7,5°	27.0	25.7	24.1	23.3	23.0	22.4	20.6	19.1	18.8	18.4	17.7	16.8	17.3
10,0°	73.1	74.7	79.1	80.9	74.9	68.7	59.4	48.1	38.8	30.4	25.3	31.9	34.8
12,5°	95.7	101.9	105.9	101.0	99.5	108.6	114.1	99.7	84.4	63.1	49.8	61.8	70.9
15,0°	148.6	141.8	145.3	153.3	156.4	148.0	139.1	119.4	115.2	124.9	134.2	132.0	153.7
17,5°	205.4	227.3	221.3	244.1	232.4	208.7	204.5	214.2	172.6	169.5	138.0	147.1	188.3
20,0°	246.8	264.7	270.9	275.8	270.0	244.1	258.8	249.0	202.7	212.9	219.5	230.4	228.0
22,5°	266.3	275.4	306.4	316.6	319.2	288.4	256.3	276.5	268.3	279.4	262.3	257.2	270.3
25,0°	300.0	332.5	354.2	345.4	331.6	298.0	298.6	307.5	257.9	281.6	270.3	274.0	277.4
27,5°	315.0	320.1	356.0	370.0	363.5	349.8	336.3	314.8	273.2	280.7	278.7	287.5	294.0
30,0°	326.3	329.6	356.4	352.5	358.9	354.5	345.8	338.9	283.6	290.4	284.9	284.7	270.9
32,5°	324.3	347.4	368.4	354.2	360.0	352.5	352.9	326.3	276.0	287.3	286.7	279.4	266.9
35,0°	345.1	372.8	393.4	391.2	383.9	370.4	360.7	341.6	279.1	286.2	280.0	265.8	253.7
37,5°	350.9	373.5	397.0	406.7	398.1	382.6	381.7	349.6	289.5	276.0	271.6	254.5	243.9
40,0°	357.1	374.2	400.8	401.4	390.1	380.2	381.9	353.3	271.4	263.4	256.8	229.3	227.3
42,5°	368.4	383.3	403.6	403.6	396.5	376.8	373.5	338.1	258.8	245.7	239.3	209.3	210.2
45,0°	382.1	395.9	418.5	412.5	404.5	388.6	372.8	329.2	243.5	231.5	222.9	195.4	191.2
47,5°	387.9	423.1	450.6	441.1	420.0	398.3	378.6	313.2	233.3	208.7	196.3	193.2	177.7
50,0°	409.4	440.6	464.6	466.5	442.2	425.8	396.1	322.1	227.1	186.8	172.6	182.3	165.5
52,5°	424.5	454.6	458.1	466.8	459.2	442.6	401.4	314.4	227.5	174.6	157.1	168.6	146.7
55,0°	440.6	477.8	481.6	457.5	453.9	444.2	400.1	315.2	222.6	159.9	156.8	154.9	130.5
57,5°	449.7	508.6	557.2	494.0	478.3	454.1	398.8	322.6	230.6	157.1	153.5	140.2	114.8
60,0°	459.7	555.2	652.6	547.0	545.9	513.1	408.9	338.1	243.0	158.2	154.2	132.5	107.0
62,5°	453.0	580.0	674.8	628.9	665.5	594.4	446.2	341.2	260.7	173.0	147.3	126.9	104.6
65,0°	459.9	603.2	624.1	673.0	731.5	624.1	461.9	346.5	249.4	175.5	140.2	119.4	90.6
67,5°	437.5	609.0	637.1	714.9	671.0	545.4	424.5	318.8	235.7	159.1	127.8	110.8	67.3
70,0°	539.4	703.8	786.9	790.0	551.4	428.2	348.0	274.0	222.0	157.7	115.4	91.7	62.5
72,5°	636.9	784.4	833.0	706.9	486.5	342.0	244.1	196.5	177.0	137.1	103.0	79.5	54.3
75,0°	537.9	580.9	720.2	638.2	356.4	231.5	158.2	138.5	123.4	105.2	82.2	68.5	45.4
77,5°	484.3	455.2	504.4	404.3	237.7	158.2	127.8	114.3	77.3	60.3	47.6	42.8	37.2
80,0°	410.7	328.5	236.4	204.0	163.3	111.4	100.4	83.5	46.7	37.4	29.7	29.2	29.5
82,5°	208.9	151.5	116.1	134.5	107.9	84.0	71.8	52.5	24.6	19.3	19.3	19.9	21.3
85,0°	61.1	59.6	83.1	115.4	89.7	58.9	48.3	31.9	19.5	15.1	13.7	14.8	16.2
87,5°	27.9	37.2	56.9	69.8	45.2	33.7	25.3	20.4	14.8	12.8	12.6	13.1	13.7
90,0°	15.1	15.3	15.7	15.7	14.8	14.4	13.7	12.8	11.3	10.4	10.4	11.5	12.4
92,5°	14.0	14.0	14.4	14.4	14.0	13.5	13.1	12.2	10.9	9.7	10.0	11.1	11.7
95,0°	13.3	13.3	13.7	13.7	13.1	12.6	12.2	11.5	10.6	9.7	9.5	10.6	11.1
97,5°	12.4	12.6	12.8	13.1	12.6	12.0	11.7	11.1	10.2	9.5	9.5	10.0	10.6
100,0°	12.0	12.0	12.4	12.4	11.7	11.5	11.1	10.4	9.7	9.1	9.1	9.7	10.2
102,5°	11.5	11.5	11.7	11.7	11.3	10.9	10.6	10.0	9.5	9.1	8.9	9.3	10.0
105,0°	11.1	10.9	11.1	11.3	10.9	10.4	10.0	9.5	9.1	8.9	8.9	9.1	9.5
107,5°	10.2	10.4	10.6	10.6	10.2	10.0	9.5	9.3	8.9	8.6	8.4	8.6	9.1
110,0°	10.0	10.0	10.2	10.2	9.7	9.3	9.3	8.9	8.6	8.4	8.4	8.6	8.9
112,5°	9.5	9.7	9.7	9.7	9.5	9.3	9.1	8.6	8.4	8.4	8.4	8.2	8.6

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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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
2,5°	10.0	10.4	10.6	10.6	10.9	10.6	9.3	9.5	9.5	9.5	9.5	9.5	9.5
5,0°	11.3	11.7	11.7	12.0	12.2	12.0	11.7	12.0	12.6	12.8	12.8	13.1	13.5
7,5°	18.4	19.5	19.5	18.6	18.6	18.6	27.2	26.8	25.3	23.0	21.0	20.6	21.9
10,0°	35.9	42.5	47.2	48.7	49.6	50.1	69.8	66.5	59.1	47.0	41.0	33.9	31.5
12,5°	79.3	77.8	85.3	95.9	103.5	110.8	89.1	75.5	68.2	65.1	64.0	75.3	75.8
15,0°	141.1	132.3	117.9	115.6	108.6	110.3	154.0	145.5	115.6	106.8	107.7	103.9	91.9
17,5°	199.8	177.7	172.1	173.5	167.3	162.6	196.9	170.6	130.3	116.3	116.7	113.0	99.5
20,0°	223.3	207.8	228.2	236.6	236.6	236.2	220.9	195.6	146.2	123.0	130.9	133.1	117.9
22,5°	265.0	231.3	270.9	274.9	290.0	301.3	238.6	217.1	172.6	133.1	134.5	135.8	125.2
25,0°	282.5	240.6	313.2	338.5	344.5	347.8	270.5	246.1	166.1	128.5	137.8	132.3	119.8
27,5°	287.8	261.0	324.3	369.3	398.5	430.2	280.7	238.6	169.3	132.9	142.0	136.7	130.0
30,0°	286.0	270.7	339.2	368.9	388.3	395.7	288.2	241.5	150.6	123.2	149.3	144.9	125.2
32,5°	262.5	265.4	328.3	359.1	403.9	428.4	300.0	247.9	155.5	125.2	158.6	157.1	115.9
35,0°	267.4	250.6	311.5	342.9	373.9	402.3	314.6	261.4	152.0	123.2	173.0	151.1	102.8
37,5°	245.2	241.9	284.0	306.8	325.0	344.3	323.2	265.2	156.6	130.0	165.7	127.8	84.4
40,0°	229.3	218.0	254.3	266.9	281.6	303.5	334.5	273.4	149.1	133.6	157.7	101.0	82.0
42,5°	208.9	205.6	220.4	226.8	233.5	245.0	348.2	276.5	153.3	140.7	128.7	84.0	81.5
45,0°	181.2	176.6	191.4	188.5	190.5	202.0	366.4	286.7	154.0	128.0	93.0	80.0	79.8
47,5°	159.5	159.7	165.3	157.1	156.8	164.4	369.7	281.1	168.6	112.8	76.2	77.8	75.5
50,0°	141.1	133.1	140.2	128.7	128.7	137.4	383.3	285.8	165.7	91.3	77.1	77.3	72.4
52,5°	123.6	120.1	119.0	109.0	109.2	112.1	389.0	281.6	167.3	78.9	79.8	77.8	69.1
55,0°	107.2	99.2	102.6	91.3	90.4	96.1	398.8	287.3	153.3	76.7	83.5	78.9	65.4
57,5°	95.9	88.8	84.8	75.5	78.2	82.4	408.5	290.4	140.2	77.3	83.3	75.3	63.1
60,0°	84.4	74.0	74.7	67.6	68.2	75.8	414.9	280.7	108.8	74.2	79.5	74.4	61.8
62,5°	83.5	68.7	62.3	59.4	60.7	64.7	357.8	229.5	89.9	71.3	73.5	73.3	60.3
65,0°	71.6	63.4	57.8	54.1	53.6	59.4	294.2	189.2	84.0	70.2	70.7	71.8	58.9
67,5°	57.8	54.7	51.0	47.6	49.2	52.3	271.8	177.7	97.7	68.2	65.8	66.7	55.8
70,0°	49.0	49.4	45.2	43.2	44.5	46.1	433.1	242.1	134.2	69.8	65.6	62.5	53.4
72,5°	44.5	42.3	40.3	39.2	39.9	39.0	561.4	295.5	151.8	62.0	59.1	58.0	49.2
75,0°	38.5	39.0	36.6	34.6	32.3	30.6	540.8	290.9	125.4	52.7	54.7	51.8	45.9
77,5°	36.8	37.0	33.2	27.2	24.1	23.0	432.4	330.5	154.9	57.4	50.3	46.7	42.5
80,0°	31.5	29.7	28.8	21.7	19.5	18.6	228.8	296.6	191.8	56.3	42.3	39.0	35.9
82,5°	22.2	22.6	21.5	19.1	17.3	16.4	169.7	140.2	107.4	44.3	35.7	34.1	30.8
85,0°	17.1	17.1	16.6	15.1	14.4	14.2	89.9	65.6	60.9	41.2	30.6	30.1	26.6
87,5°	14.2	14.2	14.2	13.5	13.1	12.8	31.2	28.6	25.9	27.9	26.6	27.7	22.8
90,0°	12.4	12.4	12.8	12.4	12.2	12.0	15.3	15.3	15.1	14.8	14.0	13.5	12.6
92,5°	12.0	12.0	12.4	12.0	11.7	11.5	14.0	14.2	14.2	14.0	13.5	13.1	12.0
95,0°	11.3	11.5	12.0	11.5	11.3	11.1	13.3	13.5	13.5	13.1	12.6	12.2	11.5
97,5°	10.9	11.1	11.3	11.1	11.1	10.6	12.4	12.8	12.6	12.4	12.0	11.7	10.9
100,0°	10.4	10.6	10.9	11.1	10.6	10.6	12.0	12.0	12.0	11.5	11.3	10.9	10.2
102,5°	10.0	10.4	10.6	10.6	10.4	10.2	11.5	11.5	11.3	10.9	10.4	10.2	9.5
105,0°	9.7	10.0	10.4	10.2	10.2	9.7	10.9	10.9	10.6	10.4	10.0	9.5	9.1
107,5°	9.5	10.0	10.0	10.2	9.7	9.3	10.2	10.2	10.2	10.0	9.5	9.1	8.4
110,0°	9.1	9.5	9.7	9.7	9.5	8.4	9.7	9.7	9.5	9.3	9.1	8.6	8.2
112,5°	9.1	9.1	9.5	9.7	8.9	6.2	9.3	9.3	9.1	8.9	8.6	8.2	7.8

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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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	0.0	0.0
2,5°	9.7	9.7	10.0	10.0	10.0	10.4	10.4	10.6	10.6	10.9	10.6	0.1	0.1
5,0°	14.0	14.4	15.1	15.3	15.3	15.3	15.7	15.7	16.0	16.2	16.0	0.3	0.4
7,5°	23.0	25.0	27.9	31.9	33.2	33.9	34.6	35.7	36.3	34.1	34.1	0.9	1.3
10,0°	31.0	34.6	38.5	43.9	46.3	48.3	43.0	43.4	42.8	41.2	40.8	2.3	3.6
12,5°	66.9	67.6	66.7	62.7	55.4	53.6	48.5	50.1	48.1	46.1	45.6	4.5	8.2
15,0°	83.7	91.5	78.2	77.3	71.6	63.8	54.9	52.5	50.1	45.6	45.2	7.9	16.0
17,5°	88.8	85.5	79.5	74.0	66.2	58.9	55.2	52.5	52.1	53.4	55.4	11.9	27.9
20,0°	105.4	103.9	89.9	84.2	83.7	64.2	54.1	49.6	50.3	53.6	54.5	16.3	44.2
22,5°	110.5	101.0	80.4	76.0	72.0	57.6	51.4	50.1	50.1	51.2	50.5	20.4	64.6
25,0°	109.0	95.7	73.8	68.2	61.4	50.5	47.0	46.7	47.9	49.4	47.9	24.1	88.8
27,5°	107.7	82.0	60.0	55.6	53.4	48.7	45.0	45.9	45.2	46.1	44.3	27.6	116.3
30,0°	95.3	64.2	52.3	53.8	52.9	47.0	43.2	45.0	42.8	42.5	40.8	29.7	146.1
32,5°	74.0	53.2	52.1	55.4	54.9	47.6	41.9	43.2	39.4	40.1	38.5	31.9	178.0
35,0°	73.1	63.1	59.4	60.5	57.4	47.0	39.9	41.6	37.7	38.1	36.3	34.4	212.4
37,5°	72.9	63.1	60.5	61.8	57.6	47.9	40.5	41.9	39.9	37.2	35.9	35.9	248.3
40,0°	72.0	59.6	57.6	60.3	56.3	45.9	38.8	41.4	40.1	37.7	36.3	36.5	284.8
42,5°	71.1	57.6	57.2	60.0	56.0	45.9	38.8	39.9	38.5	35.9	34.6	36.8	321.6
45,0°	69.8	57.2	56.7	59.1	54.1	43.4	37.2	38.5	36.3	33.5	31.9	37.2	358.8
47,5°	67.6	56.0	56.0	57.8	51.8	41.4	35.7	35.9	34.3	31.5	30.1	37.9	396.6
50,0°	65.6	53.8	53.6	55.2	49.0	38.5	33.9	33.9	31.9	29.7	27.9	38.8	435.5
52,5°	62.0	52.7	52.5	52.9	46.3	36.8	32.6	32.1	29.7	27.9	26.1	39.4	474.8
55,0°	60.5	50.7	50.7	50.3	43.6	34.3	30.8	30.4	28.8	26.4	24.8	39.9	514.7
57,5°	57.6	49.4	49.8	48.7	41.2	32.8	29.5	28.8	27.2	24.8	23.5	41.5	556.2
60,0°	55.8	49.8	49.6	46.5	38.8	31.2	28.1	27.5	26.4	23.7	22.6	44.2	600.4
62,5°	54.7	51.4	49.4	45.0	36.3	29.5	27.0	25.9	25.3	23.0	21.7	46.6	647.0
65,0°	54.5	51.8	49.2	43.0	34.1	27.9	25.9	25.5	24.4	22.4	20.8	47.2	694.2
67,5°	55.2	51.4	48.3	41.0	32.6	26.6	24.8	24.1	23.5	21.5	19.9	45.8	740.0
70,0°	55.4	53.2	49.8	42.5	31.9	25.0	23.7	23.5	22.8	20.8	19.5	48.3	788.3
72,5°	51.2	49.0	47.2	39.7	30.4	23.5	22.4	22.2	21.7	19.7	18.2	47.8	836.1
75,0°	45.2	42.1	39.0	31.7	25.7	21.7	20.8	21.0	19.9	17.9	16.8	40.0	876.1
77,5°	39.9	36.3	33.7	28.1	23.5	20.2	19.5	19.5	18.4	16.6	15.1	32.0	908.0
80,0°	29.7	27.5	26.4	25.0	21.9	18.8	18.2	17.9	16.8	15.1	14.2	23.0	931.0
82,5°	23.5	22.8	22.6	22.6	20.6	17.7	17.3	16.6	15.7	14.2	13.3	14.4	945.4
85,0°	19.5	18.8	19.5	20.8	18.8	16.4	15.7	15.5	14.6	13.5	12.4	9.4	954.8
87,5°	17.5	15.7	15.7	16.8	16.4	15.1	14.4	14.4	13.7	12.8	11.5	6.1	960.9
90,0°	10.4	9.3	9.7	11.3	11.7	11.7	11.7	11.7	11.3	10.4	9.3	3.5	964.4
92,5°	10.0	8.9	9.5	10.9	11.3	11.3	11.3	11.3	11.1	10.4	9.3	3.3	967.7
95,0°	9.5	8.6	9.1	10.4	10.9	10.9	10.9	10.9	10.4	10.0	8.9	3.1	970.9
97,5°	9.1	8.4	8.6	9.5	10.2	10.2	10.2	10.2	10.0	9.5	8.4	3.0	973.8
100,0°	8.9	8.2	8.2	9.1	9.3	9.3	9.3	9.7	9.3	8.6	8.0	2.8	976.6
102,5°	8.4	7.8	7.8	8.4	8.9	8.9	8.9	8.9	8.6	8.2	7.5	2.7	979.3
105,0°	8.2	7.8	7.5	8.0	8.0	8.2	8.4	8.4	8.2	7.8	6.6	2.5	981.8
107,5°	7.8	7.3	7.1	7.5	7.5	7.5	7.8	8.0	7.5	7.3	6.2	2.4	984.2
110,0°	7.5	7.3	6.9	7.1	7.1	7.1	7.1	7.5	7.3	6.6	5.3	2.2	986.4
112,5°	7.3	6.9	6.6	6.6	6.6	6.6	6.9	7.1	7.1	6.0	3.5	2.1	988.5

Lichttechnischer Prüfbefund

Familie CITY-LIGHT PLUS LED	Bestell-Nr.: 5XA5275LF14HP EAN: 4058352835319	LP-Nummer 58711_19
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°	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.2	8.2	8.0	8.2	8.4
117,5°	8.9	8.9	8.9	8.9	8.6	8.4	8.2	8.2	8.0	8.0	8.0	8.0	8.2
120,0°	8.4	8.4	8.4	8.6	8.2	8.0	7.8	7.8	7.8	7.5	7.5	7.5	7.8
122,5°	7.5	7.5	8.0	7.8	7.5	7.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1
125,0°	6.2	6.4	6.4	6.4	6.2	6.0	6.0	6.0	6.0	5.8	5.8	5.8	5.8
127,5°	4.4	4.7	4.7	4.7	4.4	4.2	4.2	4.2	4.2	4.2	4.0	4.0	4.0
130,0°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.9	2.9	2.7
132,5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.2	2.2	2.2	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
137,5°	2.0	2.2	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
140,0°	1.8	1.6	1.8	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145,0°	1.3	1.3	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
147,5°	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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
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
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.: 5XA5275LF14HP EAN: 4058352835319	LP-Nummer 58711_19
		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°	8.6	9.1	9.3	9.3	7.5	3.5	9.1	9.1	8.9	8.6	8.2	7.8	7.5
117,5°	8.4	8.6	9.1	9.3	6.9	3.5	8.6	8.4	8.4	8.2	7.8	7.3	7.1
120,0°	8.0	8.4	8.6	8.9	6.0	3.1	8.4	8.4	8.0	7.8	7.5	7.1	6.9
122,5°	7.3	7.8	8.0	8.0	5.3	2.7	7.5	7.5	7.3	7.1	6.6	6.4	6.2
125,0°	5.8	6.2	6.4	6.4	4.2	2.7	6.0	6.0	5.8	5.8	5.3	5.3	5.1
127,5°	4.2	4.4	4.4	4.4	2.9	2.2	4.4	4.4	4.2	4.0	4.0	4.0	3.8
130,0°	2.9	2.9	3.1	2.7	2.0	1.8	3.1	3.1	3.1	3.1	3.1	2.9	2.9
132,5°	2.7	2.7	2.7	2.2	1.8	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.4
135,0°	2.2	2.2	2.2	1.8	1.3	1.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2
137,5°	1.6	1.8	1.6	1.3	1.3	1.3	2.0	2.2	2.0	1.8	1.8	1.8	1.8
140,0°	1.3	1.3	1.3	1.1	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.3	1.3
142,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.3	1.3	1.1	1.3	1.3	1.3
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.1	1.1	1.1	1.1	1.3	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
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
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°	7.1	6.9	6.4	6.2	6.2	6.2	6.6	6.6	6.6	5.1	2.7	2.0	990.4
117,5°	6.9	6.4	6.2	6.2	6.0	6.0	6.2	6.2	6.2	4.4	2.7	1.8	992.3
120,0°	6.6	6.4	6.2	5.8	5.8	5.8	5.8	6.0	5.8	4.0	2.2	1.7	994.0
122,5°	6.0	5.8	5.5	5.3	5.1	4.9	5.1	5.3	5.3	3.5	2.2	1.5	995.5
125,0°	4.9	4.9	4.4	4.4	4.0	4.0	4.0	4.0	4.0	3.1	2.2	1.2	996.7
127,5°	3.5	3.5	3.1	3.1	3.1	2.9	2.7	2.7	2.7	2.2	1.8	0.8	997.5
130,0°	2.7	2.7	2.7	2.2	2.2	2.2	2.2	2.2	1.8	1.8	1.8	0.6	998.1
132,5°	2.2	2.2	2.2	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.3	0.5	998.5
135,0°	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	1.3	0.4	998.9
137,5°	1.8	1.8	1.8	1.8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	999.3
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.2	999.5
142,5°	1.3	1.3	1.3	1.1	1.3	0.9	0.9	0.9	0.9	1.1	0.9	0.2	999.7
145,0°	1.3	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.9	1.1	0.9	0.2	999.9
147,5°	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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
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
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.: 5XA5275LF14HP EAN: 4058352835319	LP-Nummer 58711_19
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	4680	33.6	35.9	34.8
95	241	252	4440	31.4	33.5	32.4
90	229	250	4219	29.4	31.4	30.4
85	216	248	3980	27.4	29.2	28.3
80	203	246	3740	25.5	27.1	26.3
75	190	243	3501	23.6	25.2	24.4
70	178	241	3280	21.9	23.3	22.6
65	165	238	3040	20.2	21.5	20.8
60	152	235	2801	18.5	19.6	19.0
55	140	232	2580	16.9	18.0	17.4
50	127	229	2340	15.3	16.2	15.8
45	114	225	2100	13.7	14.5	14.1
40	102	221	1879	12.3	13.0	12.6
35	89	216	1640	10.8	11.4	11.1
30	76	210	1400	9.3	9.8	9.6
25	63	203	1161	7.8	8.2	8.0
20	51	195	940	6.6	6.9	6.8
15	38	184	700	5.2	5.5	5.4
11	28	173	516	4.1	4.4	4.2