

## Photometric test report

Family  
**CITY-LIGHT 400 LED**

Order number: **5XA5305AF14HP**  
EAN: **4058352835845**

LP number  
**58722\_49**



**Version** post-top- or mounting to wall arm  
**Optic** asymmetric, wide distribution (ST1.2a)  
**Cover** cover transparent, PMMA  
**Lamps** LED 2200 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 3910 lm  
Power consumption = 33.6 W  
Luminous efficacy = 116.4 lm/W

serial  
documentation  
24.05.2022

siteco

Luminous intensity in cd/klm

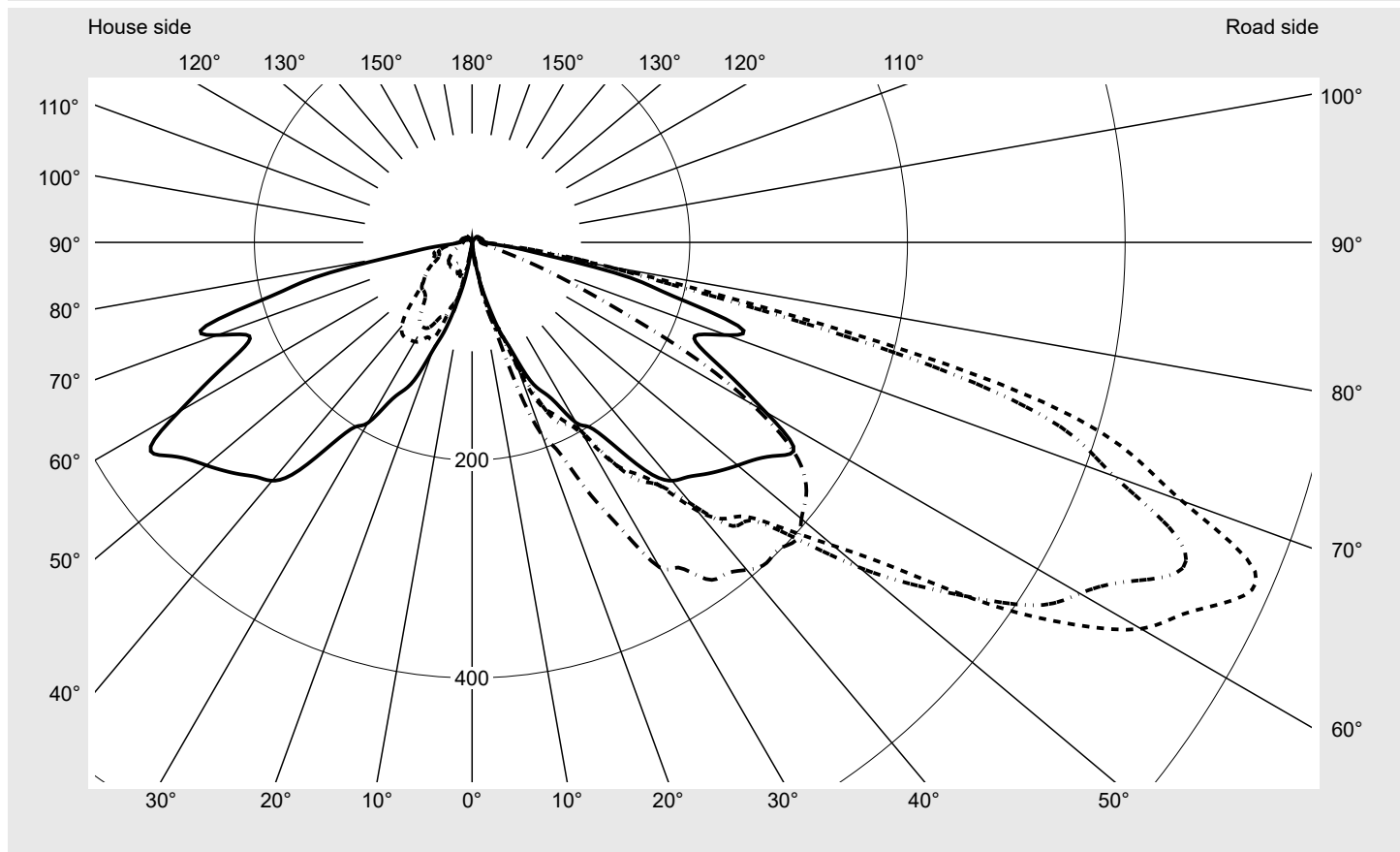
**C180-0**

C205-25

C210-30

C270-90

**Imax: 775 cd/klm**



### Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	95.9%
Eta 90° - 180°	4.1%

### Luminous intensity class acc. to EN13201-2

Class:	G2
Imax 70°	693.9
Imax 80°	135.9
Imax 90°	11.6
Imax >90°	11.2
Imax >95°	10.7

### Measurement conditions

DIN EN 13032 and DIN 5032

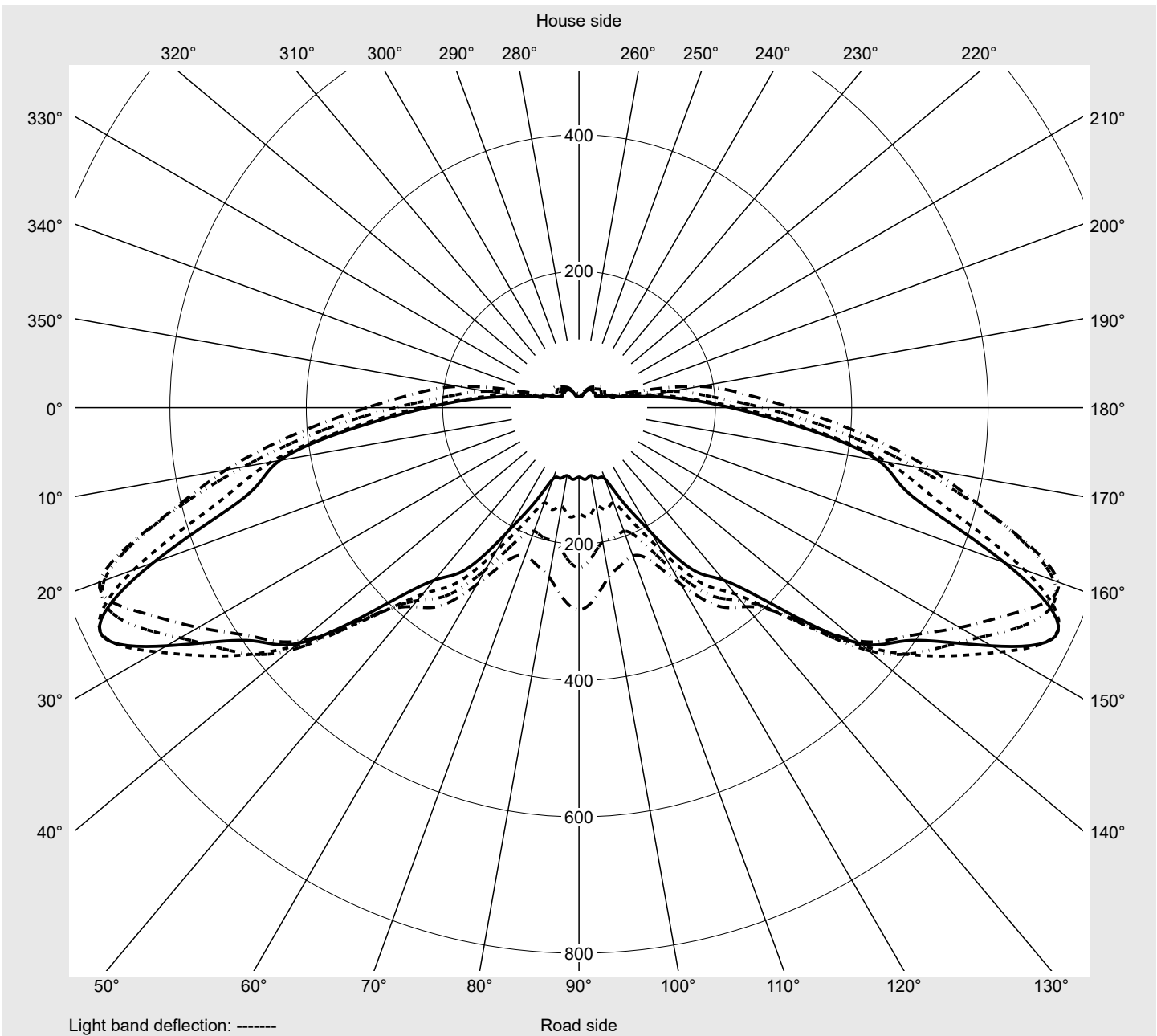
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**CITY-LIGHT 400 LED**

**Order number: 5XA5305AF14HP**  
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**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**      **siteco**



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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	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°
$\gamma$	Luminous intensity in cd/klm												
0,0°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
2,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.5	0.7
5,0°	1.4	1.4	2.0	1.9	2.6	2.2	2.9	2.2	3.1	2.6	3.4	3.1	4.3
7,5°	7.7	7.5	9.9	7.5	7.0	5.6	5.4	5.3	5.6	6.6	8.5	10.9	13.1
10,0°	27.1	25.9	26.6	21.8	24.7	16.0	18.1	11.6	18.1	16.5	23.0	21.3	23.0
12,5°	45.6	41.4	45.8	36.3	44.6	50.2	59.1	52.4	54.7	50.2	47.8	39.3	34.7
15,0°	64.7	57.7	57.9	68.5	70.7	81.9	74.1	62.8	65.4	63.2	75.6	74.6	76.5
17,5°	87.0	93.8	101.0	96.5	93.8	83.9	90.2	100.6	109.1	104.7	112.4	100.5	102.8
20,0°	105.4	122.9	137.1	116.1	131.8	123.6	118.7	112.0	110.7	107.6	120.7	136.2	132.6
22,5°	134.5	157.5	163.6	161.9	176.9	159.4	152.6	140.1	134.2	131.5	142.2	156.1	156.5
25,0°	150.5	143.7	158.7	160.7	173.5	172.8	180.5	180.7	165.5	149.8	160.1	159.2	188.8
27,5°	165.5	175.0	186.5	178.1	189.0	185.8	188.0	208.6	197.5	188.2	185.1	181.0	204.0
30,0°	191.4	204.2	220.3	211.0	218.1	204.7	199.9	212.7	210.8	221.9	216.9	196.5	219.0
32,5°	201.3	207.9	217.3	227.2	237.4	239.1	237.5	230.7	227.2	239.4	255.2	231.7	243.8
35,0°	228.0	231.6	244.5	238.0	244.3	258.5	266.8	274.8	260.0	264.1	276.5	274.1	280.6
37,5°	266.5	272.3	283.9	282.2	287.1	279.9	280.4	294.1	295.6	289.8	288.1	297.1	305.8
40,0°	285.7	283.2	290.2	298.3	320.6	321.5	314.0	305.0	307.2	323.4	308.7	305.0	324.2
42,5°	292.4	288.5	302.8	305.8	331.5	344.1	353.2	337.5	320.5	347.5	332.0	314.0	335.6
45,0°	301.2	302.1	332.9	339.2	362.4	356.2	361.2	368.5	367.3	361.0	348.0	330.0	338.9
47,5°	310.1	330.7	383.0	391.0	404.4	389.3	400.8	392.2	403.2	385.0	370.5	347.0	346.3
50,0°	318.6	359.5	430.8	434.2	463.5	433.4	464.5	437.6	412.4	397.1	385.5	354.5	339.5
52,5°	327.6	369.2	452.4	474.2	530.9	492.3	518.8	490.6	435.2	399.6	391.1	367.1	337.7
55,0°	341.6	380.6	458.4	526.0	612.8	578.9	571.1	526.8	467.9	415.5	396.2	377.8	335.6
57,5°	350.4	403.7	494.5	595.3	692.4	652.3	620.0	552.7	499.8	425.0	388.9	376.8	320.1
60,0°	311.1	410.4	525.6	636.7	748.0	709.7	644.8	584.9	531.6	431.3	380.9	354.9	299.2
62,5°	269.4	376.5	499.4	634.1	741.1	738.2	675.3	621.9	553.9	434.2	369.3	335.6	274.1
65,0°	233.8	334.9	458.9	553.6	695.1	774.8	716.0	634.8	543.7	437.1	356.9	314.5	242.8
67,5°	222.9	325.9	445.8	507.9	664.4	775.4	698.5	595.1	537.9	415.5	330.3	289.6	211.1
70,0°	248.9	348.7	438.5	503.9	609.4	693.9	627.5	552.6	467.8	376.8	299.3	261.5	173.7
72,5°	257.6	353.3	396.2	483.1	586.6	627.5	570.1	490.2	372.7	310.6	237.5	207.6	142.2
75,0°	191.9	302.9	326.9	397.6	480.4	501.5	434.7	347.2	243.0	211.1	195.7	181.7	124.8
77,5°	146.6	204.3	211.3	259.2	274.5	270.2	221.0	184.6	149.3	139.6	140.8	146.8	94.8
80,0°	74.1	90.4	109.0	135.9	114.3	124.0	124.6	121.6	97.9	74.2	53.5	72.0	39.0
82,5°	42.9	48.5	51.9	71.0	49.0	49.6	66.6	85.0	60.3	42.6	25.9	19.4	13.5
85,0°	19.8	22.3	20.6	24.5	17.5	24.9	31.5	40.5	21.8	18.9	12.4	11.9	10.6
87,5°	14.8	15.0	14.0	15.3	14.6	16.3	16.7	16.0	13.6	12.4	10.4	10.0	9.4
90,0°	11.6	11.6	11.6	11.6	11.2	10.9	10.6	10.6	10.0	9.7	9.4	9.0	8.7
92,5°	11.1	11.2	10.9	10.9	10.6	10.4	10.0	9.9	9.5	9.4	8.9	8.7	8.3
95,0°	10.9	10.7	10.6	10.6	10.2	10.0	9.5	9.5	9.2	8.9	8.5	8.3	8.2
97,5°	10.6	10.4	10.2	10.2	9.9	9.9	9.4	9.2	8.9	8.7	8.3	8.2	8.2
100,0°	10.4	10.2	10.0	9.9	9.7	9.5	9.2	8.9	8.5	8.5	8.2	8.0	7.8
102,5°	10.2	10.0	9.9	9.7	9.5	9.2	9.0	8.9	8.5	8.5	8.2	7.8	7.8
105,0°	10.0	9.7	9.7	9.5	9.4	9.0	8.9	8.5	8.5	8.2	8.0	7.8	7.8
107,5°	9.7	9.7	9.5	9.4	9.2	9.0	8.7	8.5	8.3	8.2	8.0	7.8	7.8
110,0°	9.4	9.4	9.4	9.2	9.0	8.7	8.3	8.3	8.3	8.0	7.8	7.7	7.7
112,5°	9.4	9.2	9.0	9.0	8.7	8.7	8.3	8.3	8.2	8.0	7.8	7.7	7.7

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### Table of values for luminous intensities Maximum luminous intensity

C-planes	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°
$\gamma$	Luminous intensity in cd/klm												
0,0°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
2,5°	0.5	0.5	0.3	0.5	0.5	0.3	0.7	0.7	0.7	0.5	0.7	0.5	0.5
5,0°	3.2	4.3	3.4	4.9	3.7	5.1	1.5	1.4	1.4	1.0	1.2	1.0	1.2
7,5°	12.3	14.5	14.0	17.4	17.7	20.1	8.0	4.6	5.8	3.6	4.8	3.4	4.6
10,0°	21.6	25.5	24.0	29.1	26.4	29.6	32.0	28.3	31.0	26.9	23.8	19.9	21.6
12,5°	30.7	35.1	39.5	56.0	56.4	61.3	39.0	31.0	34.1	25.9	29.5	35.9	37.5
15,0°	70.3	70.7	71.9	84.6	78.7	84.1	56.0	58.7	56.7	57.9	66.4	55.5	56.2
17,5°	92.1	104.6	95.4	119.2	138.1	142.7	82.4	78.5	73.4	63.2	60.8	58.6	58.2
20,0°	133.3	133.0	134.5	156.8	169.8	188.3	116.0	111.0	94.3	76.6	82.1	73.6	69.0
22,5°	167.2	172.3	170.4	178.8	202.5	208.4	116.3	121.6	112.7	108.5	96.5	73.9	60.4
25,0°	198.2	207.1	204.8	209.3	229.2	253.4	136.2	129.2	111.0	104.2	95.9	82.1	68.5
27,5°	215.9	229.9	250.1	274.0	289.5	296.6	154.1	134.3	116.0	104.0	102.0	88.7	68.6
30,0°	243.3	251.5	263.8	287.9	310.4	344.6	163.3	159.9	131.8	109.0	105.2	89.9	64.9
32,5°	258.5	285.0	300.2	307.9	329.3	354.2	179.8	164.0	141.8	125.3	106.3	89.1	66.9
35,0°	291.3	312.5	318.6	321.7	341.4	378.0	212.3	184.1	149.3	132.1	106.9	83.4	64.9
37,5°	306.2	322.5	331.5	339.4	354.0	383.5	233.1	209.3	161.3	139.3	105.6	74.4	62.3
40,0°	318.6	329.0	336.5	344.8	357.6	392.7	246.6	218.0	169.4	142.4	100.5	67.1	64.4
42,5°	335.6	338.5	345.8	355.0	365.2	399.8	270.1	231.9	173.9	141.3	91.4	64.0	66.7
45,0°	348.7	344.0	356.2	364.6	372.2	398.5	291.0	253.0	179.5	138.4	78.8	62.8	67.6
47,5°	349.1	341.9	359.1	364.7	375.5	404.2	303.1	262.9	187.1	130.3	67.4	62.5	65.7
50,0°	339.5	329.0	352.8	365.2	373.8	395.0	307.5	263.3	187.1	114.3	59.4	59.8	62.0
52,5°	320.8	308.4	338.9	352.8	364.6	386.5	311.3	262.1	183.2	97.1	55.5	55.9	58.6
55,0°	296.5	283.5	313.7	330.9	348.9	372.6	316.5	254.7	169.1	80.0	52.1	51.8	55.2
57,5°	272.4	261.9	282.7	299.0	321.3	345.0	296.1	226.8	136.1	62.2	48.9	47.8	50.9
60,0°	247.2	231.2	238.9	252.4	279.3	296.3	240.3	179.6	97.4	56.2	44.3	43.4	46.0
62,5°	214.9	192.9	197.9	199.9	219.7	234.3	192.1	138.8	68.1	50.6	40.5	38.5	39.7
65,0°	183.7	148.7	154.6	146.6	160.4	156.3	157.3	109.1	58.4	48.0	38.7	34.7	33.9
67,5°	152.7	111.0	107.3	101.1	105.6	101.8	151.4	95.5	63.2	52.1	38.5	33.0	29.6
70,0°	127.2	87.9	69.3	60.1	64.7	64.7	167.7	100.8	69.5	52.8	36.6	32.0	28.1
72,5°	97.4	68.3	46.3	37.5	37.1	37.1	153.8	95.5	62.8	47.7	36.3	31.8	26.6
75,0°	74.8	39.2	32.5	25.4	23.5	23.2	97.9	67.9	53.8	39.5	35.8	31.8	26.1
77,5°	52.6	25.4	22.5	18.1	17.4	17.0	73.9	52.8	44.6	36.6	32.0	29.3	24.9
80,0°	20.9	15.3	14.8	13.5	13.6	13.6	50.6	43.1	38.5	33.9	28.1	26.4	22.5
82,5°	12.8	11.2	10.7	10.4	10.4	10.2	32.2	31.7	29.6	26.1	23.8	22.1	19.1
85,0°	9.7	9.0	9.0	9.0	8.9	9.2	18.9	21.1	22.8	23.2	20.8	18.9	16.5
87,5°	8.9	8.5	8.5	8.2	8.2	8.2	14.8	16.3	15.5	16.3	14.6	15.0	13.5
90,0°	8.3	8.2	8.0	7.8	7.8	7.8	11.4	11.4	11.1	11.1	10.9	10.7	10.6
92,5°	8.2	7.8	7.8	7.8	7.5	7.5	11.1	11.1	11.1	10.9	10.7	10.6	10.4
95,0°	8.0	7.8	7.8	7.5	7.5	7.5	10.9	10.7	10.7	10.7	10.6	10.4	10.2
97,5°	7.8	7.8	7.7	7.5	7.5	7.5	10.6	10.7	10.7	10.6	10.4	10.2	10.0
100,0°	7.8	7.5	7.5	7.5	7.5	7.5	10.6	10.6	10.4	10.4	10.2	10.2	10.0
102,5°	7.8	7.5	7.5	7.5	7.5	7.5	10.2	10.4	10.4	10.4	10.0	10.0	9.9
105,0°	7.7	7.5	7.5	7.5	7.5	7.5	10.0	10.2	10.0	10.0	10.0	9.7	9.5
107,5°	7.5	7.5	7.5	7.3	7.2	7.2	9.9	10.0	9.7	9.7	9.7	9.5	9.4
110,0°	7.5	7.3	7.3	7.2	7.2	7.2	9.7	9.7	9.7	9.5	9.4	9.0	9.0
112,5°	7.5	7.3	7.3	7.2	7.2	6.8	9.4	9.4	9.4	9.2	9.0	8.9	8.5

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>sitEco</b>

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0
2,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.5	0.3	0.0	0.0
5,0°	1.0	1.2	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	0.7	0.0	0.1
7,5°	2.9	3.9	2.7	3.2	2.4	2.9	2.4	2.6	2.2	2.6	2.4	0.2	0.3
10,0°	15.7	9.2	9.2	7.5	9.0	13.1	12.6	14.3	10.2	11.9	8.2	0.9	1.3
12,5°	28.4	21.1	10.7	12.4	13.6	20.1	18.7	22.5	22.3	23.3	27.6	2.1	3.4
15,0°	52.6	45.3	39.0	37.0	31.5	27.2	24.4	20.6	24.5	31.0	32.0	4.1	7.5
17,5°	52.8	47.7	35.9	31.5	34.1	31.2	24.2	23.5	27.6	30.8	31.7	6.2	13.7
20,0°	59.9	46.3	40.4	37.8	36.3	31.8	27.2	27.1	33.4	33.2	32.7	8.9	22.6
22,5°	53.6	39.7	35.6	34.2	33.4	32.5	29.3	28.9	31.8	29.3	28.6	11.7	34.3
25,0°	52.1	35.8	31.5	30.5	30.7	29.1	28.6	26.4	28.3	31.2	31.3	14.1	48.4
27,5°	50.6	36.6	31.7	31.5	29.8	28.8	27.9	25.5	25.9	28.4	28.3	17.4	65.8
30,0°	45.8	37.6	32.9	31.0	30.5	28.1	26.6	25.7	26.2	26.9	25.2	20.6	86.3
32,5°	55.0	48.2	39.7	37.0	31.3	28.4	26.6	25.7	24.7	24.9	23.5	24.1	110.4
35,0°	62.0	55.2	47.3	42.9	37.5	34.2	30.5	28.4	26.2	26.1	23.5	28.2	138.6
37,5°	63.5	55.3	48.5	43.9	40.2	36.4	33.7	32.0	29.6	30.1	27.6	32.4	170.9
40,0°	65.9	57.9	49.6	44.8	40.4	36.3	34.4	32.2	31.2	31.8	30.0	35.8	206.7
42,5°	67.4	60.1	51.9	46.7	42.4	38.1	34.9	32.0	30.5	30.5	29.3	39.3	246.0
45,0°	67.9	59.9	53.5	48.7	43.8	38.7	35.6	33.2	31.2	30.5	28.6	43.0	289.0
47,5°	66.6	59.1	52.4	47.7	43.4	38.7	35.4	33.0	31.3	30.1	28.9	47.0	336.0
50,0°	62.8	56.9	50.9	46.5	42.7	37.6	34.7	32.4	30.3	29.3	27.9	50.6	386.7
52,5°	59.4	54.3	49.2	44.8	40.5	35.9	32.7	30.7	29.3	28.1	27.2	53.8	440.5
55,0°	55.9	51.6	47.0	42.2	38.1	34.1	30.5	28.6	27.8	26.2	25.2	56.9	497.4
57,5°	51.6	48.0	44.3	39.7	36.1	32.0	28.1	26.2	25.7	24.5	23.8	59.2	556.6
60,0°	46.7	42.9	40.2	37.0	34.4	30.5	26.4	23.7	23.5	22.1	21.8	59.4	616.0
62,5°	41.2	38.7	36.3	34.7	32.7	29.6	24.9	21.3	21.3	20.3	20.1	57.7	673.7
65,0°	35.9	34.4	33.7	33.5	31.8	29.1	24.0	19.2	19.4	18.4	18.1	54.8	728.5
67,5°	32.0	30.7	31.3	31.3	30.7	27.4	22.8	17.5	17.5	16.5	16.3	51.9	780.4
70,0°	29.3	27.6	28.9	28.6	29.1	25.4	20.9	17.2	16.2	14.8	14.6	48.5	828.9
72,5°	26.1	25.9	26.9	26.1	26.2	21.6	19.6	16.3	15.2	13.8	13.6	43.7	872.6
75,0°	24.5	23.5	23.2	22.3	21.3	16.9	16.0	14.0	14.0	12.4	12.3	34.5	907.2
77,5°	21.8	19.8	18.6	17.7	16.7	14.0	13.6	12.6	12.8	11.6	10.9	22.6	929.8
80,0°	19.2	16.7	15.3	14.5	14.5	13.3	13.5	12.3	11.7	10.6	9.9	12.8	942.6
82,5°	17.2	14.5	13.6	12.8	12.9	12.3	12.6	11.6	11.2	10.0	9.2	7.6	950.2
85,0°	14.6	12.9	12.3	11.6	11.4	11.2	11.4	10.7	10.7	9.7	8.9	4.5	954.7
87,5°	12.9	11.6	11.4	10.7	10.7	10.4	10.4	10.2	10.2	9.2	8.5	3.4	958.0
90,0°	10.6	10.4	10.2	10.0	10.0	10.0	10.0	9.9	9.9	8.9	8.2	2.8	960.8
92,5°	10.2	10.2	10.0	10.0	10.0	9.9	9.9	9.7	9.7	8.9	8.2	2.7	963.4
95,0°	10.2	10.0	10.0	10.0	10.0	9.7	9.7	9.7	9.7	8.7	8.2	2.6	966.1
97,5°	10.0	10.0	9.9	9.7	9.7	9.7	9.7	9.5	9.5	8.5	7.8	2.5	968.6
100,0°	10.0	9.7	9.7	9.7	9.7	9.7	9.5	9.4	9.4	8.5	7.8	2.5	971.1
102,5°	9.7	9.7	9.5	9.4	9.4	9.4	9.4	9.2	9.2	8.2	7.5	2.4	973.5
105,0°	9.5	9.4	9.2	9.0	9.0	9.0	8.9	8.9	8.9	8.0	7.5	2.4	975.9
107,5°	9.4	9.0	9.0	8.7	8.7	8.5	8.5	8.3	8.3	7.7	7.2	2.3	978.1
110,0°	8.9	8.7	8.5	8.3	8.3	8.2	8.0	8.0	7.8	7.0	6.8	2.2	980.3
112,5°	8.3	8.3	8.0	7.8	7.8	7.8	7.7	7.5	7.7	5.6	5.4	2.1	982.4

## Photometric test report

<b>Family</b> CITY-LIGHT 400 LED	<b>Order number: 5XA5305AF14HP</b> <b>EAN: 4058352835845</b>	<b>LP number</b> 58722_49
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>	<b>siteco</b>
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C-planes	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°
$\gamma$	Luminous intensity in cd/klm												
115,0°	8.9	9.0	8.9	8.7	8.5	8.3	8.2	8.2	8.0	8.0	7.7	7.7	7.7
117,5°	8.5	8.7	8.7	8.5	8.3	8.2	8.2	8.0	8.0	7.8	7.7	7.5	7.5
120,0°	8.2	8.3	8.3	8.3	8.2	8.2	8.0	8.2	8.0	8.0	7.7	7.5	7.5
122,5°	7.8	8.2	8.0	8.2	7.8	8.0	8.0	8.0	7.8	7.8	7.7	7.5	7.3
125,0°	7.5	7.8	7.7	7.8	7.8	7.8	7.8	8.0	7.8	7.8	7.5	7.3	7.3
127,5°	7.2	7.5	7.5	7.5	7.7	7.7	7.8	7.7	7.7	7.7	7.5	7.3	7.2
130,0°	7.2	7.3	7.2	7.5	7.3	7.3	7.5	7.7	7.7	7.7	7.3	7.2	7.0
132,5°	6.8	7.0	7.0	7.2	7.0	7.3	7.2	7.5	7.5	7.3	7.2	7.2	7.0
135,0°	6.5	6.6	6.8	6.8	7.0	7.0	7.2	7.3	7.5	7.3	7.2	7.0	6.8
137,5°	6.1	6.3	6.5	6.6	6.6	6.8	6.8	7.0	7.2	7.2	7.0	6.8	6.6
140,0°	5.8	6.0	6.1	6.5	6.3	6.5	6.8	7.0	6.8	7.0	6.6	6.5	6.5
142,5°	5.4	5.6	6.0	6.1	6.0	6.3	6.5	6.6	6.8	6.8	6.6	6.5	6.3
145,0°	5.1	5.6	5.6	5.8	5.8	6.0	6.1	6.3	6.5	6.6	6.5	6.3	6.1
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

## Photometric test report

<b>Family</b> <b>CITY-LIGHT 400 LED</b>	<b>Order number: 5XA5305AF14HP</b> <b>EAN: 4058352835845</b>	<b>LP number</b> <b>58722_49</b>
		<b>siteco</b>

C-planes	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°
$\gamma$	Luminous intensity in cd/klm												
115,0°	7.3	7.2	7.2	7.2	6.8	6.8	8.9	9.0	8.7	8.7	8.7	8.3	8.2
117,5°	7.3	7.2	7.2	6.8	6.5	6.5	8.5	8.7	8.5	8.3	8.3	8.0	7.8
120,0°	7.3	7.0	7.0	6.8	6.5	6.1	8.2	8.3	8.2	8.0	7.8	7.7	7.3
122,5°	7.2	7.0	6.8	6.6	6.1	6.1	7.8	7.8	7.7	7.7	7.3	7.3	7.2
125,0°	7.2	7.0	6.8	6.5	6.0	5.8	7.5	7.5	7.5	7.3	7.2	7.0	6.8
127,5°	6.8	7.0	6.6	6.3	5.8	5.8	7.2	7.2	7.2	7.0	6.8	6.6	6.5
130,0°	6.8	6.6	6.6	6.1	5.4	5.4	7.0	7.0	6.8	6.8	6.5	6.3	6.1
132,5°	6.8	6.5	6.3	5.8	5.1	4.8	6.6	6.6	6.5	6.5	6.1	6.1	5.8
135,0°	6.6	6.5	6.3	5.1	4.4	3.7	6.5	6.3	6.1	6.1	5.8	5.8	5.6
137,5°	6.5	6.1	6.0	4.3	3.4	2.4	6.1	6.0	6.0	5.8	5.6	5.4	5.3
140,0°	6.3	6.1	5.3	3.9	2.4	1.7	5.6	5.8	5.6	5.6	5.4	5.3	5.1
142,5°	6.0	5.8	4.9	3.6	2.4	1.7	5.6	5.6	5.3	5.3	5.1	4.9	4.8
145,0°	6.0	5.4	4.3	3.1	1.9	1.4	5.3	5.3	5.3	5.1	4.9	4.8	4.6
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-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm											Luminous flux in lm/klm	
115,0°	8.0	7.8	7.7	7.5	7.5	7.5	7.3	7.2	7.2	4.9	5.1	1.9	984.3
117,5°	7.7	7.3	7.3	7.2	7.2	7.2	7.0	7.0	6.6	4.6	4.8	1.8	986.2
120,0°	7.3	7.0	6.8	6.8	6.8	6.8	6.6	6.6	6.1	4.4	5.1	1.8	987.9
122,5°	6.8	6.8	6.5	6.3	6.5	6.5	6.5	6.5	5.8	4.6	5.1	1.7	989.6
125,0°	6.5	6.3	6.1	6.1	6.1	6.1	6.3	6.1	5.4	4.8	5.1	1.6	991.1
127,5°	6.1	6.1	5.8	5.8	5.8	6.0	6.1	6.0	5.3	4.4	4.8	1.5	992.6
130,0°	5.8	5.8	5.8	5.6	5.6	5.6	5.6	5.6	5.1	4.6	4.8	1.4	993.9
132,5°	5.8	5.4	5.4	5.3	5.4	5.4	5.4	5.4	4.8	4.3	4.4	1.3	995.2
135,0°	5.4	5.4	5.3	5.3	5.3	5.1	5.1	5.1	4.4	3.9	3.7	1.2	996.4
137,5°	5.3	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.1	3.7	3.4	1.1	997.4
140,0°	4.9	4.9	4.8	4.8	4.8	4.6	4.9	4.3	4.1	3.7	3.1	1.0	998.4
142,5°	4.8	4.6	4.6	4.4	4.4	4.6	4.6	4.3	3.9	3.4	3.1	0.9	999.2
145,0°	4.6	4.4	4.4	4.4	4.3	4.4	4.4	3.7	3.7	3.4	3.1	0.8	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

## Photometric test report

<b>Family</b> CITY-LIGHT 400 LED	<b>Order number: 5XA5305AF14HP</b> <b>EAN: 4058352835845</b>	<b>LP number</b> 58722_49
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	3910	33.6	35.9	34.8
95	241	252	3710	31.3	33.5	32.4
90	229	250	3525	29.4	31.4	30.4
85	216	248	3325	27.3	29.2	28.2
80	203	246	3125	25.4	27.1	26.2
75	190	243	2925	23.5	25.1	24.3
70	178	241	2740	21.9	23.3	22.6
65	165	238	2540	20.1	21.4	20.8
60	152	235	2340	18.4	19.5	19.0
55	140	232	2155	16.8	17.9	17.4
50	127	229	1955	15.2	16.2	15.7
45	114	225	1755	13.6	14.5	14.0
40	102	221	1570	12.2	13.0	12.6
35	89	216	1370	10.7	11.3	11.0
30	76	210	1170	9.2	9.7	9.4
25	63	203	970	7.8	8.2	8.0
20	51	195	785	6.6	6.9	6.8
15	38	184	585	5.2	5.4	5.3
11	28	173	431	4.1	4.3	4.2