

Photometric test report

Family
CITY-LIGHT 400 LED

Order number: **5XA5305EF14HP**
EAN: **4058352835913**

LP number
58722_50



Version post-top- or mounting to wall arm
Optic asymmetric, wide distribution (ST1.2a)
Cover cover transparent, PMMA
Lamps LED 3000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 4730 lm
Power consumption = 33.6 W
Luminous efficacy = 140.8 lm/W

serial
documentation
24.05.2022

siteco

Luminous intensity in cd/klm

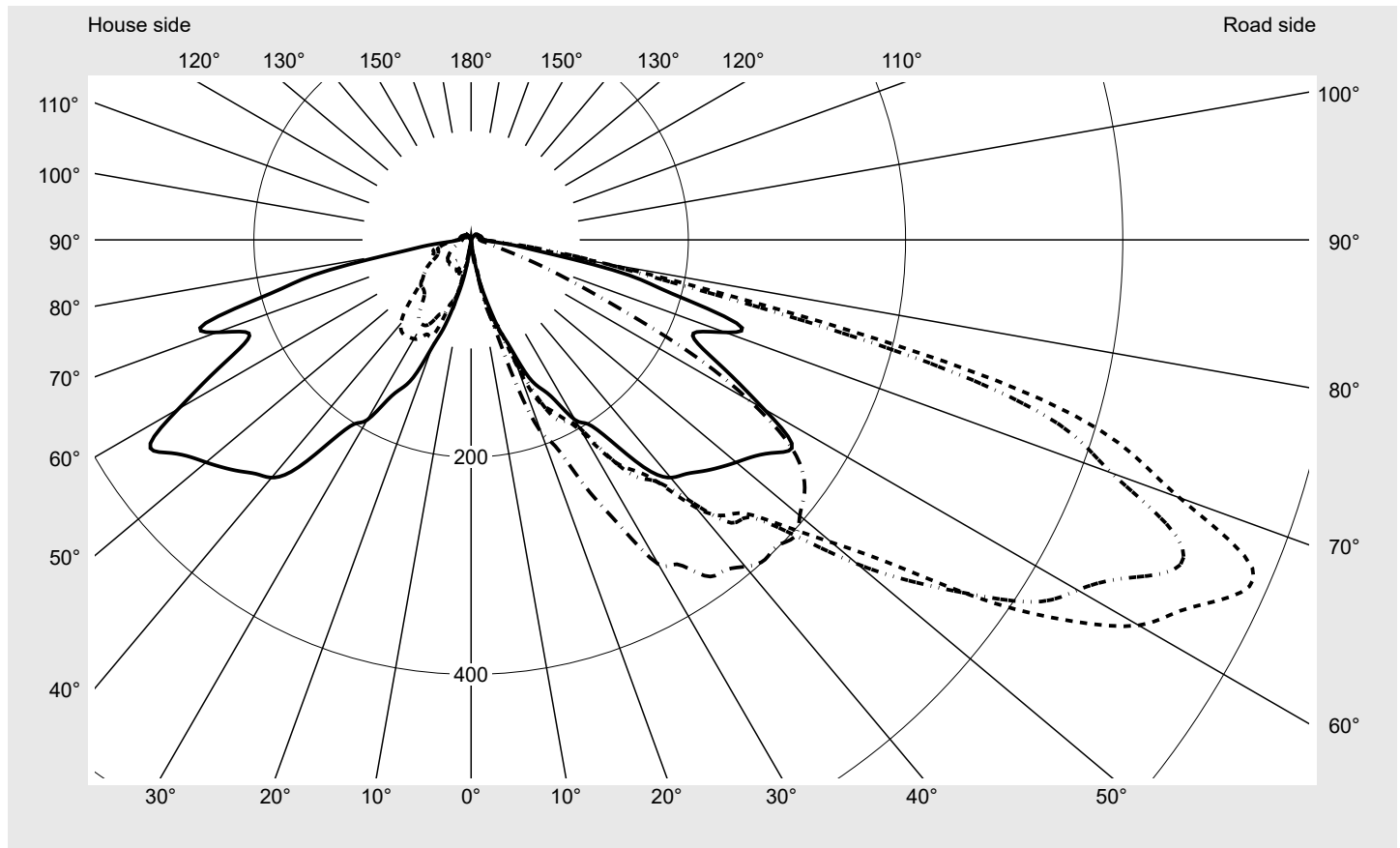
C180-0

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

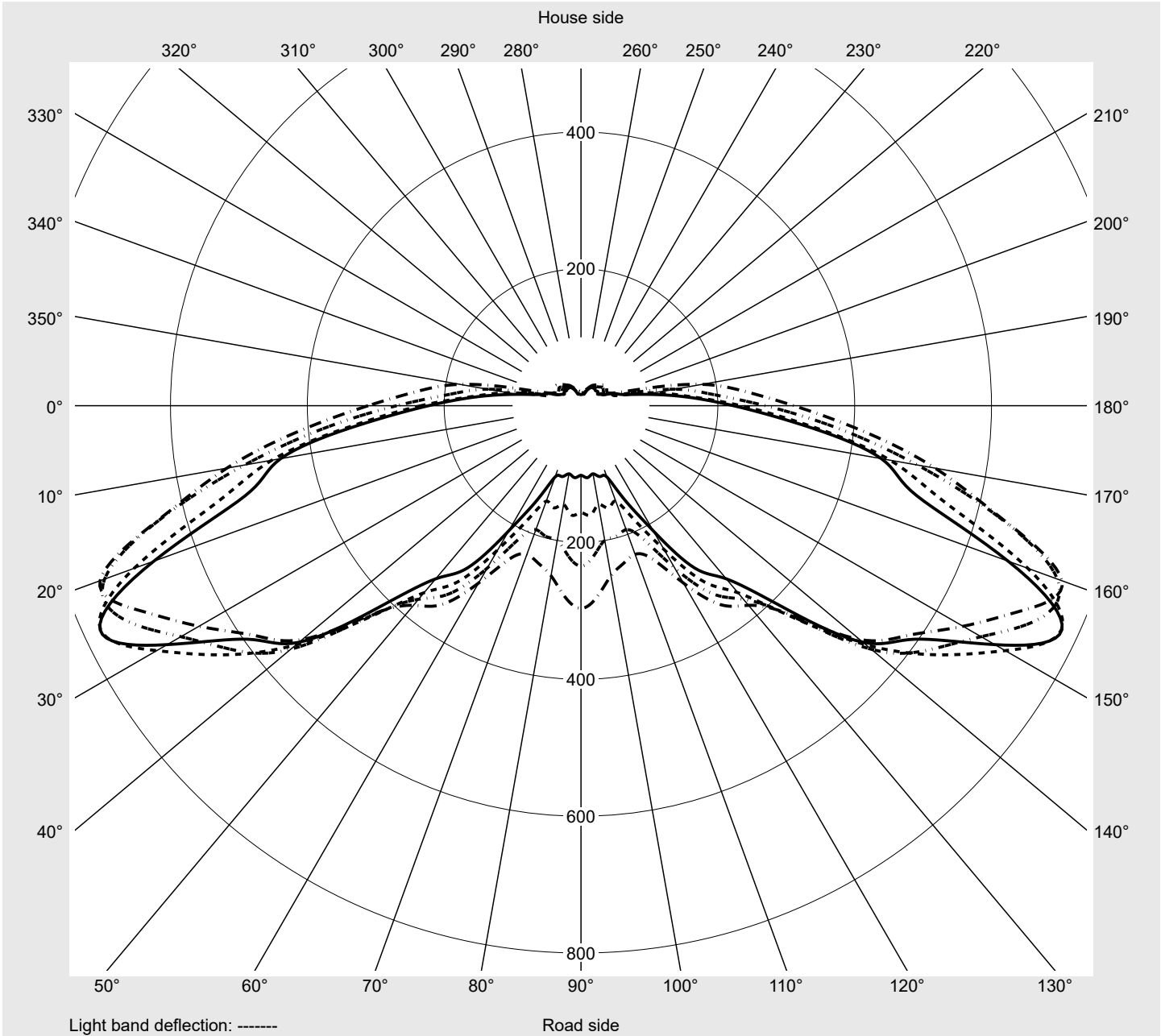
Measurement conditions

DIN EN 13032 and DIN 5032

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Family CITY-LIGHT 400 LED	Order number: 5XA5305EF14HP EAN: 4058352835913	LP number 58722_50
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



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Table of values for luminous intensities		Maximum luminous intensity
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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°
γ	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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siteco

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°
γ	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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Table of values for luminous intensities		Maximum luminous intensity
		siteco

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

Family CITY-LIGHT 400 LED	Order number: 5XA5305EF14HP EAN: 4058352835913	LP number 58722_50
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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°
γ	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

Family CITY-LIGHT 400 LED	Order number: 5XA5305EF14HP EAN: 4058352835913	LP number 58722_50
		siteco

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°
γ	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
γ	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

Family CITY-LIGHT 400 LED	Order number: 5XA5305EF14HP EAN: 4058352835913	LP number 58722_50
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Dimming levels table	environmental temperature: 25°C	siteco
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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	4730	33.6	35.9	34.8
95	241	252	4488	31.3	33.5	32.4
90	229	250	4264	29.4	31.4	30.4
85	216	248	4022	27.3	29.2	28.2
80	203	246	3780	25.4	27.1	26.2
75	190	243	3538	23.5	25.1	24.3
70	178	241	3315	21.9	23.3	22.6
65	165	238	3073	20.1	21.4	20.8
60	152	235	2831	18.4	19.5	19.0
55	140	232	2607	16.8	17.9	17.4
50	127	229	2365	15.2	16.2	15.7
45	114	225	2123	13.7	14.5	14.1
40	102	221	1899	12.2	13.0	12.6
35	89	216	1657	10.7	11.3	11.0
30	76	210	1415	9.2	9.7	9.4
25	63	203	1173	7.8	8.2	8.0
20	51	195	950	6.6	6.9	6.8
15	38	184	708	5.2	5.5	5.4
11	28	173	521	4.1	4.4	4.2