

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275BF14HP**
EAN: **4058352835173**

LP number
58711_17



Version post-top- or mounting to wall arm
Optic asymmetric, extremely wide distribution (P1.0a)
Cover cover transparent, PMMA
Lamps LED 2200 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 3710 lm
Power consumption = 33.6 W
Luminous efficacy = 110.4 lm/W

serial
documentation
24.05.2022

siteco

Luminous intensity in cd/klm

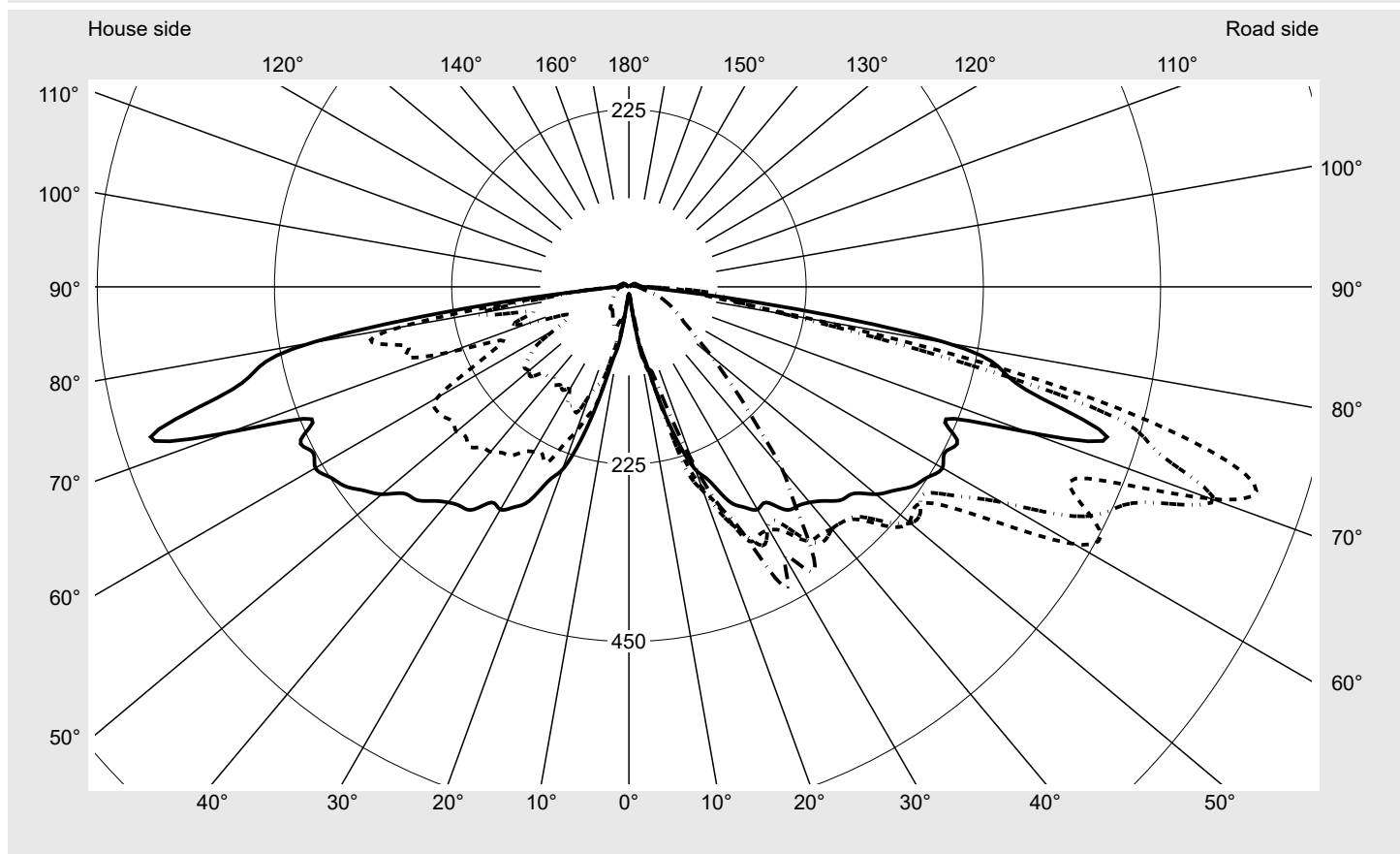
C180-0

C190-10

C195-15

C270-90

Imax: 833 cd/klm



Luminaire output ratios

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

Luminous intensity class acc. to EN13201-2

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

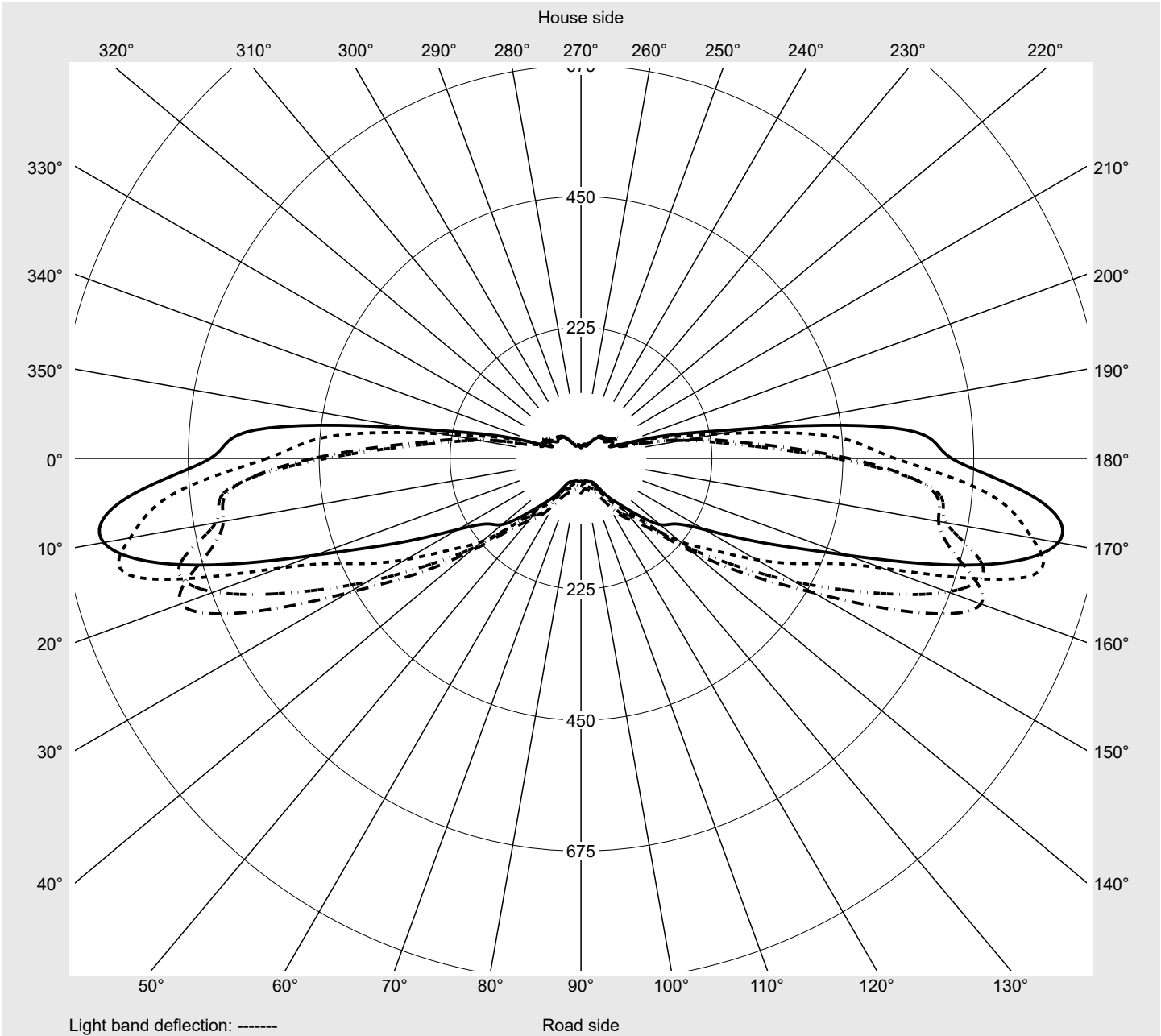
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14HP EAN: 4058352835173	LP number 58711_17
--------------------------------------	---	------------------------------

Envelope curve in cd/klm **KMK 72.5°** **KMK 70°** **KMK 67.5°** **KMK 65°** **siteco**



Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14HP EAN: 4058352835173	LP number 58711_17
Table of values for luminous intensities		Maximum luminous intensity

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°	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

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14HP EAN: 4058352835173	LP number 58711_17
Table of values for luminous intensities		Maximum luminous intensity
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												
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

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14HP EAN: 4058352835173	LP number 58711_17
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°	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

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14HP EAN: 4058352835173	LP number 58711_17
--------------------------------------	---	------------------------------

Table of values for luminous intensities	Maximum luminous intensity	siteco
---	-----------------------------------	---------------

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°	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

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14HP EAN: 4058352835173	LP number 58711_17
		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°	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-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°	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

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14HP EAN: 4058352835173	LP number 58711_17
--------------------------------------	---	------------------------------

Dimming levels table	environmental temperature: 25°C	siteco
-----------------------------	---------------------------------	---------------

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	3710	33.6	35.9	34.8
95	241	252	3520	31.3	33.5	32.4
90	229	250	3345	29.4	31.4	30.4
85	216	248	3155	27.3	29.2	28.2
80	203	246	2965	25.4	27.1	26.2
75	190	243	2775	23.5	25.1	24.3
70	178	241	2600	21.9	23.3	22.6
65	165	238	2410	20.1	21.4	20.8
60	152	235	2220	18.4	19.5	19.0
55	140	232	2045	16.8	17.9	17.4
50	127	229	1855	15.2	16.2	15.7
45	114	225	1665	13.6	14.5	14.0
40	102	221	1490	12.2	13.0	12.6
35	89	216	1300	10.7	11.3	11.0
30	76	210	1110	9.2	9.7	9.4
25	63	203	920	7.8	8.2	8.0
20	51	195	745	6.6	6.9	6.8
15	38	184	555	5.2	5.4	5.3
11	28	173	409	4.1	4.3	4.2