

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275BF14H**
EAN: **4058352835166**

LP number
57131_30



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 = 1440 lm
Power consumption = 12.9 W
Luminous efficacy = 111.6 lm/W

serial
documentation
07.07.2022

siteco

Luminous intensity in cd/klm

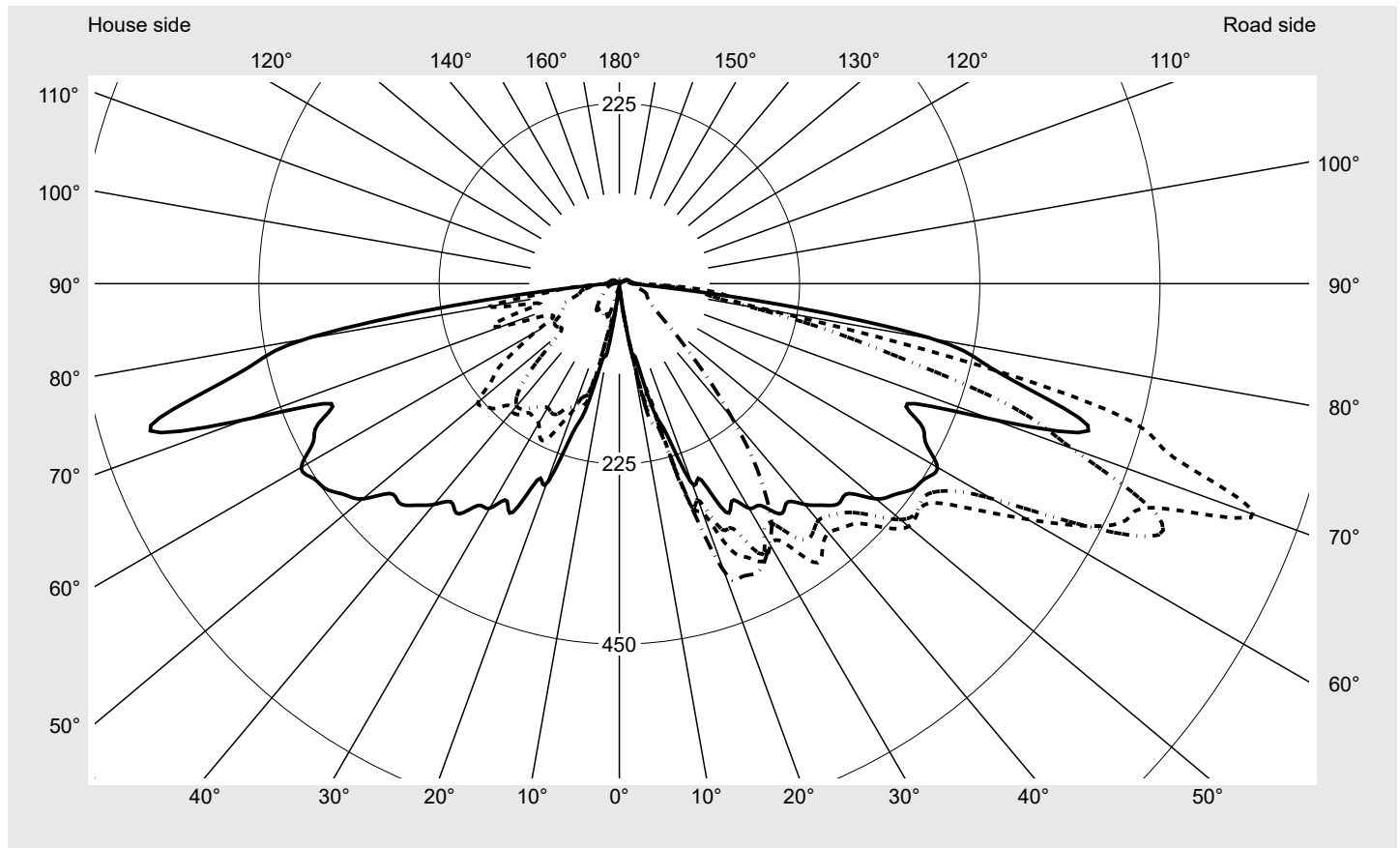
C180-0

C195-15

C200-20

C270-90

Imax: 844 cd/klm



Luminaire output ratios

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

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	844.1
Imax 80°	398.1
Imax 90°	17.8
Imax >90°	16.8
Imax >95°	15.7

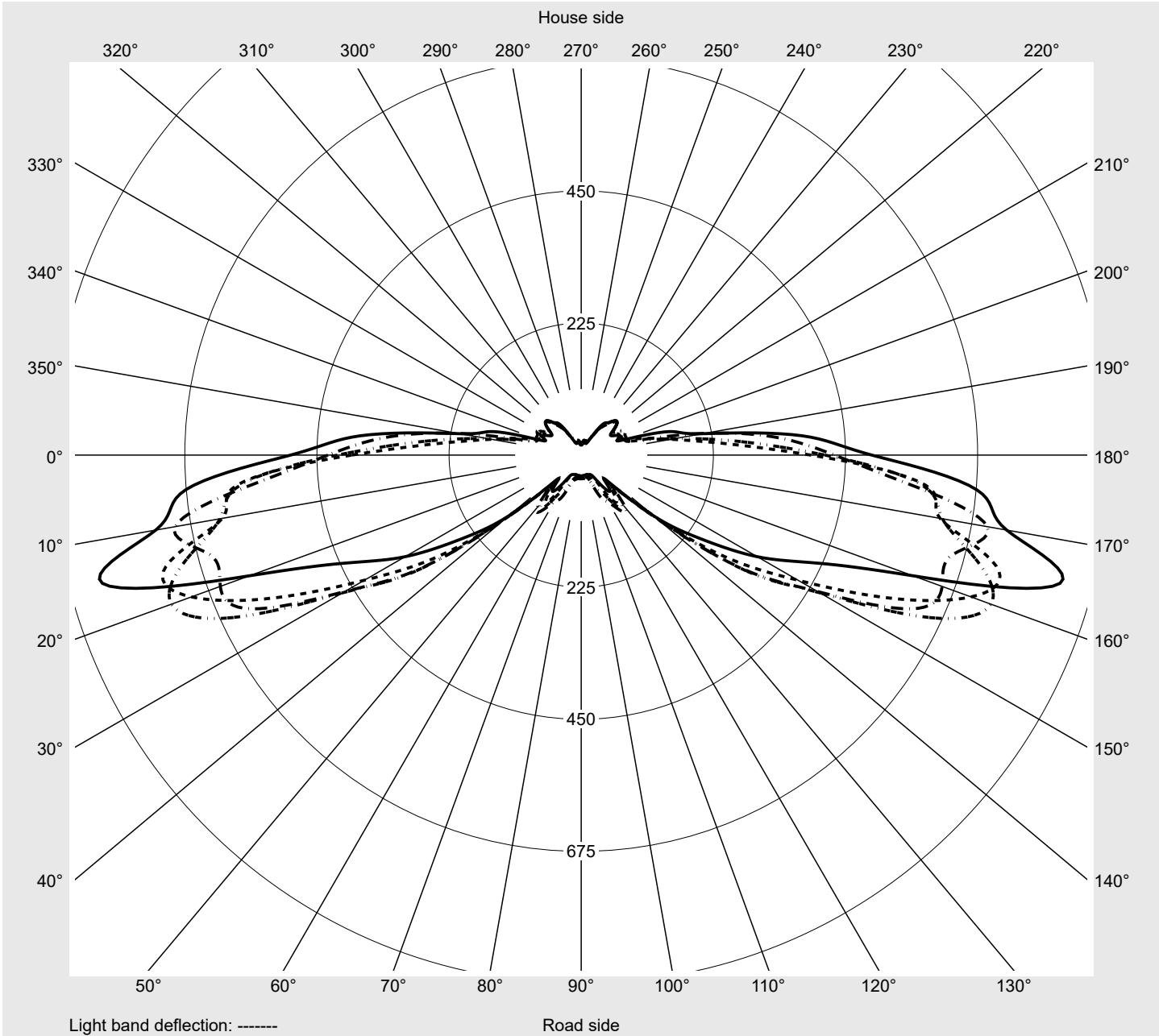
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H EAN: 4058352835166	LP number 57131_30
---	--	-------------------------------------

Envelope curve in cd/klm **KMK 70°** **KMK 67.5°** **KMK 65°** **KMK 62.5°** **siteco**



Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H EAN: 4058352835166	LP number 57131_30
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												
0,0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2,5°	9.6	9.6	9.6	9.6	9.6	9.6	9.9	9.9	9.9	10.3	10.6	10.6	10.6
5,0°	11.3	11.3	11.6	11.6	11.6	12.0	12.3	12.3	12.7	12.7	12.3	12.7	13.0
7,5°	19.2	23.3	28.4	32.8	36.6	36.6	33.9	31.5	31.5	29.8	29.4	31.5	34.2
10,0°	87.2	86.5	85.2	84.5	83.5	81.1	77.3	68.7	56.4	42.1	42.8	57.5	65.0
12,5°	96.4	118.0	133.0	152.5	164.2	149.5	144.0	121.8	100.2	85.2	107.7	137.8	141.6
15,0°	162.8	147.1	147.1	145.7	161.4	179.6	212.4	192.2	168.6	168.6	175.5	192.6	227.1
17,5°	198.0	207.6	267.5	278.4	283.5	272.2	268.5	263.0	200.1	204.9	208.3	238.4	276.3
20,0°	266.1	285.9	315.3	303.7	287.3	286.9	291.4	312.6	250.4	275.7	269.2	269.8	340.6
22,5°	264.0	305.4	348.9	356.7	331.1	305.4	316.7	321.2	262.7	292.4	298.6	279.8	350.2
25,0°	315.0	350.9	375.9	376.9	337.9	330.7	331.8	347.1	254.5	297.9	290.0	288.7	360.1
27,5°	305.1	339.6	388.5	390.6	380.7	356.4	352.6	332.4	247.6	278.4	293.8	301.3	345.1
30,0°	323.9	364.9	395.0	377.2	361.5	350.9	359.5	350.6	228.1	280.1	276.7	277.7	329.0
32,5°	328.3	370.7	380.0	383.7	355.0	350.9	362.9	332.4	216.2	251.4	265.1	274.3	304.7
35,0°	350.9	385.4	415.5	425.1	388.5	368.0	365.3	348.2	205.5	251.0	256.2	247.3	268.8
37,5°	344.1	380.7	411.8	416.6	395.0	372.5	368.7	334.8	194.3	225.0	246.6	230.2	241.1
40,0°	359.8	398.1	414.5	406.3	386.1	370.7	375.2	342.7	178.5	213.1	227.1	201.4	217.9
42,5°	375.2	403.6	415.2	413.2	392.3	372.5	370.7	317.7	160.4	179.9	215.5	182.3	194.3
45,0°	387.8	417.3	419.6	423.4	403.9	391.3	380.0	322.9	145.0	159.0	196.0	169.0	174.4
47,5°	387.8	436.4	445.3	451.1	428.2	404.6	382.4	306.1	134.8	136.5	173.7	166.2	164.9
50,0°	417.9	454.5	458.0	471.6	458.3	437.8	409.0	326.6	123.1	111.8	153.6	157.3	153.2
52,5°	432.6	467.2	464.1	469.6	467.9	458.3	417.6	313.3	122.1	100.6	142.3	145.0	137.1
55,0°	447.0	494.2	498.0	477.1	464.1	463.8	422.4	322.5	114.9	85.8	141.3	135.8	120.7
57,5°	452.8	509.3	583.1	524.0	481.6	473.7	418.3	322.2	134.1	86.5	139.2	124.2	101.9
60,0°	458.6	539.4	691.9	588.3	536.3	535.6	425.8	338.3	137.8	77.3	131.3	119.7	97.5
62,5°	431.3	558.2	702.2	655.0	653.9	619.7	464.8	341.3	169.0	79.7	117.7	114.2	92.7
65,0°	415.2	582.1	624.5	698.4	742.5	655.0	469.2	345.4	159.7	74.2	105.3	106.7	75.9
67,5°	390.9	588.6	620.4	731.9	706.3	575.3	426.5	307.1	166.9	71.8	87.9	95.4	51.0
70,0°	494.9	675.8	735.7	844.1	600.9	433.7	346.1	248.6	161.1	59.5	75.2	68.4	44.8
72,5°	612.9	747.6	822.9	728.8	518.5	345.8	243.9	170.7	115.9	44.1	59.5	60.5	35.2
75,0°	549.6	541.7	672.1	660.1	375.2	228.5	160.1	127.6	66.4	27.0	46.9	48.9	27.7
77,5°	469.2	427.2	472.3	426.8	265.4	166.9	124.8	110.5	52.7	27.7	26.0	27.0	21.9
80,0°	398.1	323.9	226.1	186.1	162.8	113.9	100.9	66.0	29.1	22.2	19.5	23.6	20.2
82,5°	208.3	151.9	122.1	141.3	112.9	93.0	71.5	43.4	18.5	15.7	16.1	18.1	19.2
85,0°	63.6	57.1	86.2	118.3	94.1	61.2	48.9	29.1	16.4	14.0	14.7	16.8	17.8
87,5°	27.0	35.2	57.1	67.4	46.2	34.2	27.4	19.8	14.7	13.3	14.0	16.1	17.1
90,0°	16.1	16.1	17.4	17.8	17.4	17.1	16.4	15.7	14.0	12.7	13.3	15.4	16.1
92,5°	15.0	15.4	16.4	16.8	16.4	16.4	15.7	15.0	13.3	12.0	13.0	15.0	15.7
95,0°	14.4	14.7	15.4	15.7	15.7	15.4	15.0	14.4	13.0	12.0	12.7	14.0	15.0
97,5°	13.7	14.0	14.7	15.0	14.7	14.4	14.4	13.7	12.7	11.6	12.0	13.3	14.0
100,0°	13.0	13.3	14.0	14.4	14.0	13.7	13.7	13.0	11.6	11.3	11.6	12.7	13.7
102,5°	12.3	12.7	13.3	13.7	13.3	13.0	13.0	12.3	11.3	10.9	11.3	12.3	13.3
105,0°	12.0	12.3	12.7	13.0	13.0	12.3	12.3	11.6	10.9	10.9	10.9	12.0	12.7
107,5°	11.3	11.6	12.3	12.3	12.3	11.6	11.6	10.9	10.9	10.9	10.9	11.3	12.0
110,0°	10.9	10.9	11.6	11.6	11.6	10.9	10.9	10.9	10.3	10.3	10.3	10.9	11.6
112,5°	10.6	10.9	11.3	11.6	10.9	10.9	10.6	10.3	10.3	10.3	10.3	10.9	11.3

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H EAN: 4058352835166	LP number 57131_30
---	--	-------------------------------------



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°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2,5°	10.9	10.9	11.3	11.3	11.3	11.6	9.6	9.6	9.6	9.6	9.9	9.6	9.6
5,0°	13.3	13.7	13.7	13.7	14.0	14.4	11.3	11.3	11.3	10.9	10.6	10.6	10.6
7,5°	35.9	35.6	35.2	34.2	32.8	34.2	16.4	14.4	13.0	12.3	12.3	12.0	12.0
10,0°	80.0	93.7	99.5	101.6	82.8	82.8	81.1	74.9	64.6	49.3	38.0	31.5	20.9
12,5°	145.0	152.9	171.3	175.1	157.7	172.4	75.6	63.6	53.4	49.6	56.8	62.6	64.6
15,0°	225.7	215.8	210.7	211.0	182.0	182.6	151.9	184.3	147.1	130.0	121.1	91.7	79.3
17,5°	283.9	282.5	281.8	298.2	287.6	272.2	178.5	211.7	148.4	147.7	119.0	97.5	81.7
20,0°	362.5	357.7	351.9	368.0	358.8	382.4	215.5	208.6	167.9	163.5	146.4	120.0	105.3
22,5°	383.7	383.4	377.2	380.0	372.5	396.7	253.1	255.5	189.5	166.9	141.9	134.4	112.2
25,0°	385.1	380.0	379.6	386.8	381.0	399.5	295.8	284.2	214.4	178.5	147.7	129.3	117.7
27,5°	362.5	364.9	371.8	378.6	373.1	391.9	294.1	273.6	215.1	182.3	149.5	144.3	124.8
30,0°	343.4	348.5	356.7	365.6	362.5	374.2	306.8	275.7	201.4	178.9	160.4	140.6	114.6
32,5°	317.7	327.0	334.5	341.7	339.3	353.6	306.1	283.5	199.1	182.6	162.1	142.3	116.6
35,0°	288.7	297.6	304.4	309.9	309.2	316.0	333.5	290.0	197.0	189.1	176.1	140.6	114.6
37,5°	263.3	267.8	270.2	268.5	263.7	271.6	330.7	277.7	205.9	197.3	162.5	116.6	110.1
40,0°	243.5	240.4	233.6	226.4	219.6	218.9	344.1	267.1	207.9	199.4	138.9	93.4	106.0
42,5°	211.7	212.4	198.7	185.0	174.4	172.4	351.9	283.5	205.9	188.4	108.8	86.2	99.5
45,0°	178.5	176.8	164.5	146.0	135.1	130.0	361.8	278.7	220.6	163.8	78.3	84.5	93.7
47,5°	153.2	148.1	136.5	115.9	104.3	100.6	357.7	289.0	226.4	127.2	76.3	85.5	85.8
50,0°	139.2	124.2	112.2	93.7	83.8	77.3	367.3	277.7	230.2	98.8	81.7	87.2	80.4
52,5°	119.4	104.7	93.7	75.6	68.7	62.2	373.8	288.0	202.8	91.0	88.2	86.5	73.9
55,0°	104.3	85.2	76.3	61.6	55.1	52.7	385.4	290.7	185.0	94.1	92.0	88.6	70.1
57,5°	93.4	72.8	62.9	50.6	47.5	47.2	391.9	297.6	151.2	95.4	94.1	86.2	68.7
60,0°	80.0	59.5	52.7	44.5	43.4	43.8	403.2	269.5	122.4	91.3	87.9	89.6	67.7
62,5°	80.0	52.3	43.8	41.0	40.4	40.4	337.9	213.1	95.4	81.4	82.1	84.1	67.7
65,0°	65.7	48.9	40.0	38.0	38.0	38.3	268.8	161.8	93.4	78.3	74.9	81.1	64.6
67,5°	42.1	40.7	36.9	35.9	36.3	36.9	236.3	155.3	109.8	74.9	69.8	72.2	61.9
70,0°	36.6	35.2	34.2	34.9	34.9	35.6	377.6	210.0	154.6	74.2	72.2	66.7	60.9
72,5°	29.8	29.4	30.8	31.8	32.1	32.1	516.8	252.7	160.1	63.6	67.4	64.0	59.2
75,0°	26.0	27.0	27.7	28.4	27.7	27.4	514.7	226.1	111.8	54.0	60.5	56.4	54.7
77,5°	23.6	25.0	25.0	24.6	23.6	22.6	408.0	284.6	116.6	49.9	58.8	51.6	51.3
80,0°	21.9	22.9	22.2	21.5	20.9	20.5	201.4	307.5	163.5	46.9	52.7	42.4	44.1
82,5°	19.8	20.5	20.5	20.2	19.5	19.2	150.8	132.0	102.3	39.0	41.7	36.6	35.6
85,0°	18.5	18.8	19.2	18.8	18.5	18.5	96.1	60.2	65.7	34.5	33.5	31.1	31.1
87,5°	17.1	17.8	17.8	18.1	17.8	17.1	30.8	24.3	26.0	26.3	27.0	28.7	27.7
90,0°	16.4	16.8	17.1	17.1	16.8	16.4	16.1	15.4	15.4	14.0	14.0	13.0	12.3
92,5°	16.1	16.4	16.4	16.8	16.4	16.4	15.0	14.7	14.0	13.3	12.7	12.0	11.3
95,0°	15.4	15.7	16.1	15.7	15.7	15.7	14.0	13.7	13.3	12.7	12.0	11.3	10.6
97,5°	14.7	15.0	15.4	15.7	15.0	15.0	13.3	13.0	12.7	12.0	11.3	10.6	9.9
100,0°	14.4	14.4	15.0	15.0	14.7	14.4	12.7	12.3	12.0	11.3	10.6	9.9	9.2
102,5°	13.7	14.0	14.4	14.4	14.4	14.4	12.0	12.0	11.3	10.6	9.9	9.2	8.9
105,0°	13.0	13.7	13.7	13.7	13.7	13.7	11.6	11.3	10.9	10.3	9.6	8.9	8.6
107,5°	12.7	13.0	13.7	13.7	13.7	13.7	11.3	10.6	10.3	9.9	9.2	8.6	7.9
110,0°	12.3	12.7	13.0	13.0	13.0	12.3	10.6	10.3	9.6	9.2	8.9	8.2	7.9
112,5°	12.0	12.3	13.0	13.0	13.0	10.9	10.3	9.9	9.6	8.9	8.2	7.9	7.5

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H EAN: 4058352835166	LP number 57131_30
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°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	0.0	0.0
2,5°	9.9	9.9	9.9	10.3	10.3	10.3	10.9	10.9	10.9	10.9	10.9	0.1	0.1
5,0°	10.6	10.6	10.9	10.9	10.9	10.9	10.9	10.9	11.3	11.3	10.9	0.3	0.4
7,5°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.3	10.9	0.8	1.2
10,0°	15.0	13.7	13.0	13.0	13.0	12.7	12.7	12.3	12.0	11.6	11.6	2.5	3.7
12,5°	54.0	41.4	33.2	25.7	18.1	15.4	14.4	13.0	12.3	12.0	11.6	5.3	9.0
15,0°	71.5	61.9	44.8	50.6	36.3	24.3	22.6	21.2	19.8	15.0	13.0	9.3	18.3
17,5°	65.7	57.5	47.5	40.0	39.0	29.4	32.8	36.6	41.0	38.0	36.3	14.1	32.4
20,0°	99.2	104.3	77.3	59.2	80.0	41.0	41.0	42.1	40.7	44.8	43.8	19.6	52.0
22,5°	97.8	92.7	73.9	54.4	57.1	41.0	43.4	51.0	50.6	46.2	41.0	23.3	75.4
25,0°	97.5	85.5	67.0	55.4	55.4	43.1	42.8	49.6	47.5	51.3	47.2	26.9	102.2
27,5°	101.2	74.2	58.5	53.4	55.1	47.5	42.8	50.3	46.2	46.5	43.1	29.3	131.6
30,0°	84.8	66.0	61.6	57.8	56.1	45.1	39.7	49.3	43.4	43.8	41.0	31.2	162.7
32,5°	74.2	66.4	64.0	62.9	62.2	49.6	40.0	47.2	40.4	41.4	38.3	32.6	195.4
35,0°	99.5	93.0	83.1	75.6	70.1	50.3	37.6	46.2	38.3	39.7	38.3	35.1	230.5
37,5°	100.2	94.4	86.5	80.0	71.8	53.4	40.4	48.9	42.8	41.4	39.7	35.7	266.2
40,0°	96.8	90.3	81.7	76.3	70.5	52.0	39.3	49.3	44.8	44.1	43.8	36.2	302.4
42,5°	94.4	86.9	78.7	74.2	68.4	51.6	40.7	47.5	46.2	42.1	41.7	36.2	338.6
45,0°	92.0	85.2	77.6	72.2	67.4	49.6	39.7	44.8	41.7	38.6	38.3	36.4	375.0
47,5°	89.6	86.9	77.0	70.8	64.0	45.1	38.3	41.4	39.0	35.9	34.9	36.9	411.9
50,0°	86.9	83.5	74.9	67.7	60.2	41.7	35.9	38.3	36.3	32.8	32.8	38.0	450.0
52,5°	83.1	82.4	73.5	65.7	55.7	38.3	34.2	35.2	33.2	30.1	29.4	38.6	488.5
55,0°	81.4	80.0	72.8	60.9	51.6	35.6	31.8	32.5	31.1	27.0	27.4	39.4	528.0
57,5°	79.3	78.7	71.1	59.9	47.9	33.2	30.1	30.1	29.1	25.3	24.6	41.0	569.0
60,0°	80.7	79.7	71.1	57.8	44.1	31.1	28.0	27.4	26.7	23.3	23.3	43.5	612.4
62,5°	77.6	82.8	70.5	56.1	40.7	28.4	26.3	25.7	25.7	21.9	21.2	45.3	657.7
65,0°	77.3	83.1	71.1	57.5	36.9	26.3	24.6	24.6	23.6	20.2	19.8	45.4	703.1
67,5°	78.3	80.0	68.1	55.4	34.9	24.3	23.3	23.3	22.6	19.2	18.5	44.0	747.1
70,0°	77.3	82.8	72.2	64.3	38.0	23.3	21.2	21.9	20.9	17.8	17.1	46.1	793.2
72,5°	77.6	76.3	62.6	55.1	37.6	22.6	19.8	20.2	19.2	16.1	15.7	45.6	838.8
75,0°	70.8	64.3	52.0	44.1	28.7	19.2	17.8	18.5	17.4	14.4	14.4	37.6	876.4
77,5°	62.6	54.4	42.1	32.8	22.9	17.8	16.4	17.1	15.7	13.3	13.0	30.3	906.7
80,0°	46.9	38.0	30.1	28.7	22.9	16.4	15.0	15.4	14.0	11.6	11.6	21.9	928.6
82,5°	33.9	28.7	25.0	26.7	20.9	15.4	14.4	14.4	13.0	10.9	10.3	14.3	942.8
85,0°	27.4	21.9	20.9	23.3	18.5	13.3	12.7	13.0	12.0	9.6	9.6	9.6	952.5
87,5°	22.2	17.8	16.1	18.1	15.0	12.0	10.9	11.6	10.6	9.2	8.2	6.3	958.8
90,0°	10.3	8.2	7.2	8.9	9.2	8.9	8.6	8.6	7.9	6.5	6.2	3.7	962.4
92,5°	9.6	7.5	6.8	8.2	8.6	8.2	7.9	7.9	7.2	6.2	5.5	3.5	966.0
95,0°	8.9	7.2	6.2	7.5	7.5	7.5	7.2	6.8	6.5	5.8	5.5	3.3	969.3
97,5°	8.6	6.8	6.2	6.8	7.2	6.8	6.8	6.8	6.2	5.5	5.5	3.1	972.4
100,0°	8.2	6.8	5.8	6.2	6.5	6.5	6.2	6.2	5.8	5.5	5.5	3.0	975.3
102,5°	7.9	6.5	5.8	6.2	6.2	6.2	6.2	6.2	5.5	5.1	4.8	2.8	978.2
105,0°	7.5	6.5	5.5	5.5	5.8	5.5	5.5	5.5	5.5	4.8	4.8	2.7	980.8
107,5°	7.2	6.5	5.5	5.5	5.5	5.5	5.5	5.5	5.1	4.8	4.8	2.5	983.4
110,0°	6.8	6.2	5.5	5.1	5.5	5.1	4.8	4.8	4.8	4.8	4.1	2.4	985.8
112,5°	6.8	6.2	5.5	4.8	4.8	4.8	4.8	4.8	4.8	4.1	3.4	2.3	988.0

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H EAN: 4058352835166	LP number 57131_30
--------------------------------------	--	------------------------------

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°	10.3	10.3	10.9	10.9	10.9	10.3	10.3	9.9	9.6	9.9	10.3	10.6	10.9
117,5°	9.6	9.6	10.3	10.3	10.3	9.6	9.6	9.6	9.6	9.6	9.6	10.3	10.6
120,0°	8.9	9.2	9.6	9.6	9.6	8.9	8.9	8.9	8.9	8.9	9.2	9.6	9.6
122,5°	8.2	8.2	8.6	8.6	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.6
125,0°	6.5	6.5	6.5	6.8	6.5	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.5
127,5°	4.4	4.8	4.8	4.8	4.4	4.4	4.1	4.1	4.1	4.1	4.1	4.1	4.1
130,0°	3.4	3.4	3.4	3.4	3.4	3.4	3.1	3.4	2.7	2.7	2.7	2.7	2.7
132,5°	2.7	2.7	3.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.7	2.7	2.7	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
137,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.7	1.7
140,0°	1.7	2.1	2.1	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7	0.7	0.7
145,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7	0.7	0.7	0.7	0.7
147,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.7	1.0	0.7	0.7	0.7
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: 5XA5275BF14H EAN: 4058352835166	LP number 57131_30
		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°	11.6	12.0	12.3	12.3	11.3	6.8	9.6	9.6	8.9	8.6	8.2	7.5	6.8
117,5°	10.9	11.6	12.0	12.3	9.6	4.1	9.2	8.9	8.6	8.2	7.5	7.2	6.8
120,0°	10.3	10.6	10.9	10.9	8.2	4.1	8.9	8.2	7.9	7.5	6.8	6.8	6.2
122,5°	8.9	9.2	9.6	9.6	6.5	2.7	7.9	7.5	7.2	6.8	6.5	6.2	5.8
125,0°	6.5	6.8	7.2	7.2	4.8	2.1	6.2	5.8	5.8	5.5	5.1	4.8	4.8
127,5°	4.1	4.4	4.4	4.1	2.7	2.1	4.4	4.4	4.1	4.1	4.1	3.8	3.4
130,0°	2.7	2.7	3.4	2.7	2.1	1.4	3.4	3.4	3.4	3.1	2.7	2.7	2.7
132,5°	2.7	2.7	2.7	2.7	2.1	1.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.1	2.1	2.1	2.1	1.4	1.4	2.7	2.7	2.7	2.7	2.7	2.1	2.1
137,5°	1.7	1.4	1.7	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
140,0°	1.4	1.4	1.4	1.4	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
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°	6.5	5.8	5.1	4.8	4.8	4.8	4.8	4.8	4.4	3.4	2.7	2.1	990.2
117,5°	6.2	5.8	4.8	4.4	4.4	4.1	4.1	4.1	4.1	3.4	2.1	2.0	992.1
120,0°	6.2	5.5	4.8	4.4	4.1	4.1	4.1	4.1	4.1	2.7	2.1	1.8	993.9
122,5°	5.5	5.1	4.4	4.1	3.8	3.4	3.4	3.4	3.4	2.7	2.1	1.5	995.4
125,0°	4.4	4.1	3.8	3.4	3.1	2.7	2.7	2.7	2.7	2.4	2.1	1.2	996.6
127,5°	3.4	3.1	2.7	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	0.8	997.4
130,0°	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	1.7	1.4	1.4	0.6	998.0
132,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	0.5	998.5
135,0°	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4	0.4	998.9
137,5°	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.3	999.2
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	1.0	1.4	1.4	0.2	999.5
142,5°	1.4	1.4	1.4	1.4	1.0	1.4	1.0	1.0	1.4	1.0	1.4	0.2	999.7
145,0°	1.4	1.4	1.4	1.4	1.4	0.7	0.7	1.4	1.0	1.4	0.7	0.2	999.8
147,5°	1.4	1.4	1.4	1.0	1.0	1.0	1.0	1.4	1.0	0.7	0.7	0.2	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: 5XA5275BF14H EAN: 4058352835166	LP number 57131_30
---	--	-------------------------------------

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	1440	12.9	13.3	13.1
95	241	252	1366	12.2	12.6	12.4
90	229	250	1298	11.5	11.9	11.7
85	216	248	1225	10.7	11.1	10.9
80	203	246	1151	10.1	10.5	10.3
75	190	243	1077	9.4	9.8	9.6
70	178	241	1009	8.9	9.1	9.0
65	165	238	935	8.2	8.4	8.3
60	152	235	862	7.6	7.8	7.7
55	140	232	794	7.0	7.2	7.1
50	127	229	720	6.4	6.6	6.5
45	114	225	646	5.8	6.0	5.9
40	102	221	578	5.3	5.4	5.4
35	89	216	505	4.8	4.9	4.8
30	76	210	431	4.3	4.3	4.3
25	63	203	357	3.7	3.8	3.8
24	60	201	340	3.5	3.7	3.6