

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: 5XA5275MF14H + 5XA54000XBL
EAN: 4058352835340 + 4050737971421

LP number
59108_23



Version post-top- or mounting to wall arm, shielding on building side
Optic asymmetric, wide distribution (ST1.2a)
Cover cover transparent, PMMA
Lamps LED 2700 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1460 lm
Power consumption = 11.8 W
Luminous efficacy = 123.7 lm/W

serial
documentation
04.11.2022

siteco

Luminous intensity in cd/klm

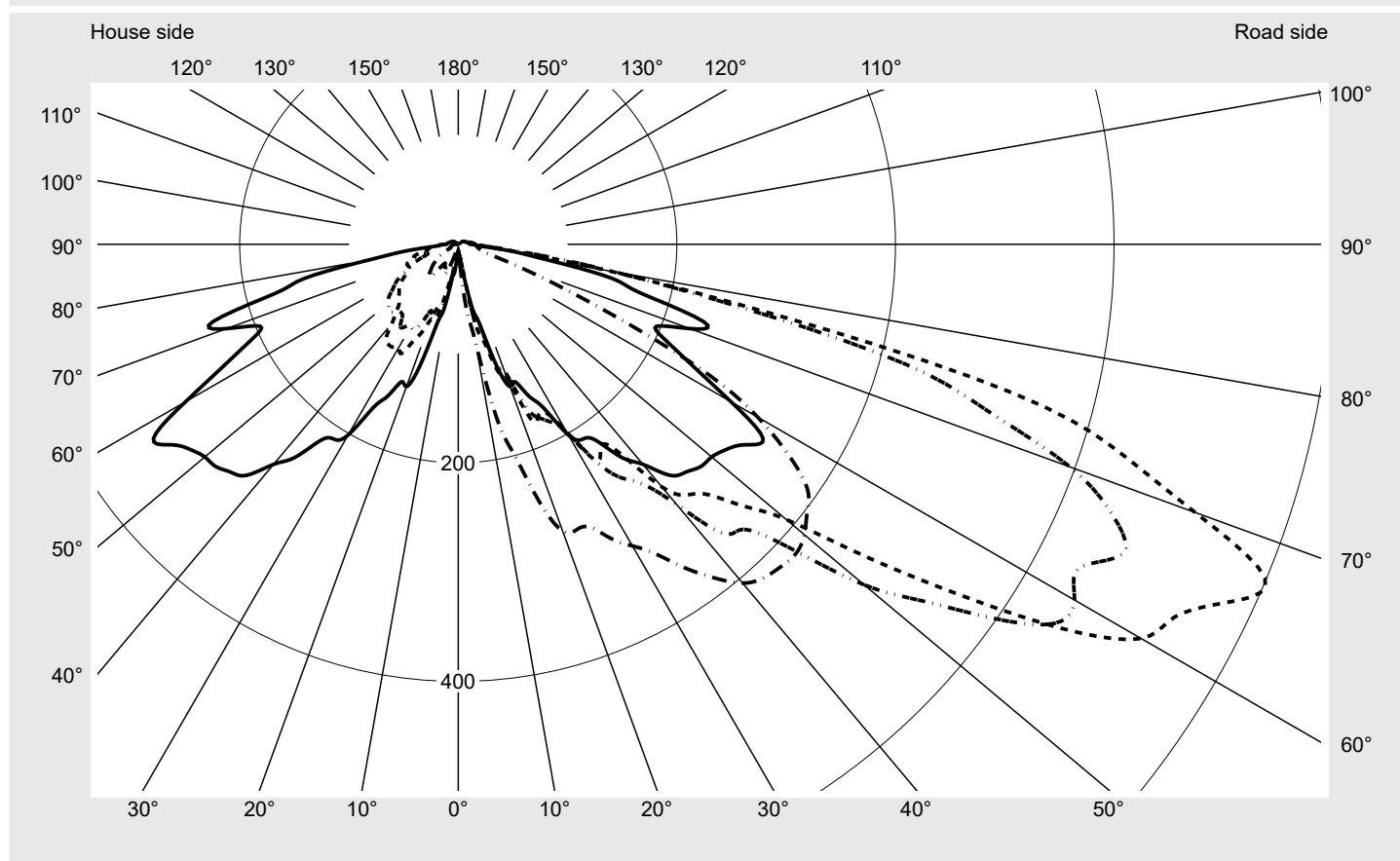
C180-0

C205-25

C210-30

C270-90

Imax: 799 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	97.3%
Eta 90° - 180°	2.7%

Luminous intensity class acc. to EN13201-2

Class:	G1
Imax 70°	717.4
Imax 80°	151.6
Imax 90°	15.4
Imax >90°	14.8
Imax >95°	12.0

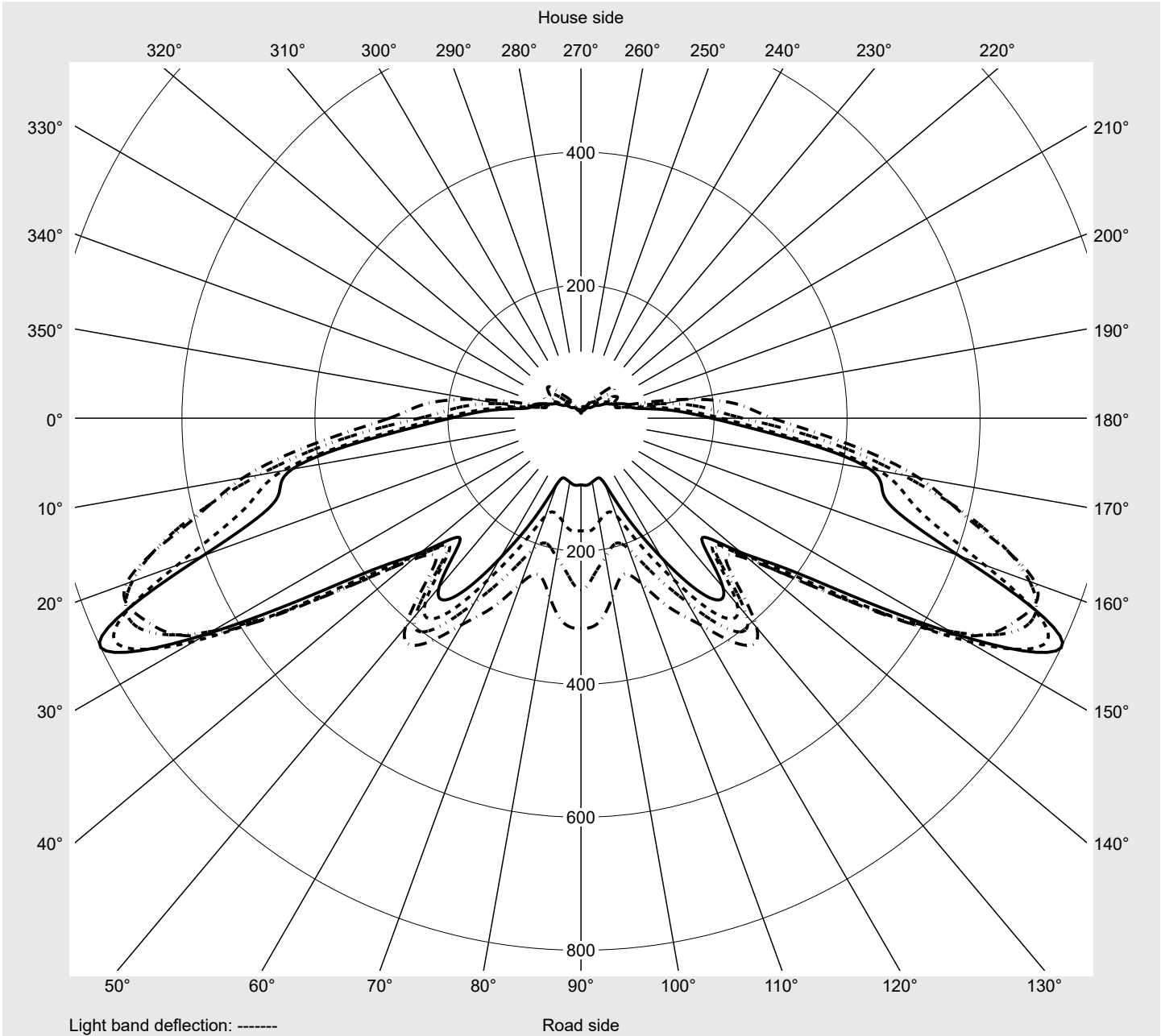
Measurement conditions

DIN EN 13032 and DIN 5032

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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
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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
2,5°	7.1	7.1	7.1	7.4	7.7	7.7	7.7	7.7	7.7	7.7	8.0	8.0	8.3
5,0°	9.4	10.3	10.8	12.0	13.1	13.7	13.7	14.3	15.4	16.5	18.0	19.7	20.5
7,5°	26.2	29.4	29.4	27.9	21.7	17.7	14.3	14.3	18.8	24.8	31.1	40.2	45.0
10,0°	30.2	29.9	33.3	34.5	33.1	27.1	23.7	30.2	52.2	69.5	86.7	92.6	91.8
12,5°	61.0	72.1	72.4	68.7	82.1	77.8	81.0	70.7	82.1	80.7	90.9	103.2	124.6
15,0°	75.3	81.0	81.2	86.1	96.1	93.5	81.2	77.0	99.2	122.9	145.7	155.3	160.2
17,5°	116.6	100.6	111.5	101.8	114.9	122.9	116.3	129.4	111.2	139.7	151.1	149.6	171.6
20,0°	138.5	131.7	135.1	138.8	138.5	128.8	122.6	135.4	119.7	159.6	179.6	185.8	187.3
22,5°	136.2	163.0	172.7	177.9	178.7	172.4	159.9	145.9	120.6	150.8	167.6	184.4	210.1
25,0°	153.6	172.2	178.4	181.6	180.1	173.3	175.3	167.6	125.7	165.9	182.1	197.8	240.6
27,5°	168.5	175.6	176.4	184.7	177.9	173.9	183.3	184.7	136.5	195.0	213.5	219.2	268.2
30,0°	201.5	224.9	218.6	222.0	219.2	198.1	198.4	193.0	146.8	225.5	256.8	251.1	290.5
32,5°	211.5	222.9	226.0	237.7	247.4	234.3	236.9	219.8	162.8	246.8	303.3	289.9	311.0
35,0°	218.6	235.2	244.8	245.1	229.2	227.2	261.1	245.7	178.7	262.2	331.8	342.9	354.6
37,5°	246.0	268.2	271.4	267.7	248.6	238.0	276.2	269.9	189.0	293.3	351.2	382.8	395.9
40,0°	262.8	267.7	273.1	284.5	295.3	289.9	310.7	280.8	202.7	325.8	384.8	398.5	426.1
42,5°	286.7	285.6	293.6	303.9	305.0	311.0	358.9	309.6	210.9	349.7	428.1	414.7	451.5
45,0°	294.7	298.4	326.9	340.1	330.6	324.1	368.8	336.1	235.4	352.0	458.9	445.8	466.3
47,5°	301.0	314.7	378.0	396.5	374.3	354.9	411.0	357.2	257.4	364.6	474.3	476.0	472.6
50,0°	302.7	324.7	427.3	427.0	460.9	391.6	484.8	405.3	269.9	362.0	481.4	480.6	469.2
52,5°	308.7	334.9	430.1	442.1	518.5	468.6	536.4	446.7	286.7	354.3	482.6	487.7	462.3
55,0°	319.8	351.5	433.3	495.4	579.8	558.4	596.3	471.7	310.4	352.6	476.6	485.7	436.4
57,5°	330.6	390.8	477.7	558.4	678.1	653.9	645.9	463.2	326.7	340.6	451.8	456.6	410.2
60,0°	288.2	390.5	515.6	611.4	727.7	721.4	651.0	461.5	331.5	311.3	411.0	414.4	358.6
62,5°	243.1	360.6	491.1	621.7	718.0	738.8	640.8	462.3	325.5	286.7	387.1	387.7	320.1
65,0°	210.9	312.4	455.8	522.8	646.2	775.6	670.4	446.4	318.1	279.6	365.1	362.0	282.2
67,5°	196.1	298.7	441.0	474.9	605.1	799.0	648.2	418.4	314.1	256.8	332.1	325.2	242.6
70,0°	225.5	332.1	457.2	492.5	570.4	717.4	595.7	387.7	288.7	232.9	297.3	283.9	199.5
72,5°	235.4	362.9	440.4	470.6	547.6	635.3	508.8	324.1	251.4	186.4	233.4	228.3	157.9
75,0°	173.3	322.4	391.4	408.7	487.7	524.2	423.6	245.1	176.2	101.5	170.2	194.7	135.4
77,5°	144.2	217.8	244.6	285.3	294.7	296.2	261.1	134.5	90.4	76.1	139.7	159.9	114.6
80,0°	84.7	92.9	110.9	151.6	145.7	140.8	145.4	76.7	73.3	55.6	64.1	79.5	49.9
82,5°	51.6	51.6	59.3	83.2	77.5	59.0	73.5	47.6	58.7	35.3	33.9	25.1	19.4
85,0°	22.5	25.1	26.5	28.5	22.5	26.8	33.3	25.9	27.9	23.1	15.4	16.0	16.0
87,5°	16.8	16.0	17.1	18.2	17.4	20.0	19.4	16.0	16.0	14.0	13.1	14.3	14.5
90,0°	11.4	11.7	13.4	14.3	14.3	14.3	14.0	13.4	12.3	11.4	11.7	12.8	14.0
92,5°	10.5	11.1	12.5	13.1	13.1	13.1	13.1	12.5	11.7	10.8	10.8	12.0	12.8
95,0°	10.3	10.5	11.7	12.0	12.0	12.0	12.0	11.4	10.8	10.0	10.3	11.4	12.0
97,5°	9.4	9.7	10.5	10.8	10.8	11.1	10.8	10.5	9.7	9.4	9.1	10.3	10.8
100,0°	8.8	9.1	9.7	10.0	10.0	10.0	10.0	9.4	9.1	8.3	8.6	9.1	9.7
102,5°	8.3	8.3	8.8	8.8	8.8	8.8	8.8	8.3	7.7	7.7	7.7	8.3	9.1
105,0°	7.7	7.7	8.3	8.3	8.3	7.7	7.7	7.7	7.1	7.1	6.8	7.7	8.0
107,5°	7.1	7.4	7.7	7.7	7.4	7.1	7.1	6.8	6.6	6.6	6.8	6.8	7.4
110,0°	6.8	6.8	7.1	7.1	7.1	6.8	6.6	6.3	6.3	6.3	6.3	6.6	7.4
112,5°	6.3	6.6	6.8	6.8	6.6	6.3	6.3	6.0	6.0	6.0	6.3	6.3	6.8

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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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
2,5°	8.3	8.3	8.3	8.6	8.3	8.6	7.1	7.1	7.1	7.1	7.1	7.1	7.4
5,0°	21.4	22.2	22.5	22.8	22.5	22.2	8.6	8.3	8.0	7.7	7.7	7.4	7.4
7,5°	51.6	55.6	58.4	61.9	62.1	63.8	21.9	18.5	14.5	12.0	10.8	9.4	8.6
10,0°	91.8	89.5	84.1	84.9	86.1	90.6	34.5	37.9	36.2	32.8	27.4	18.5	13.4
12,5°	142.2	154.5	156.8	155.9	159.6	163.6	48.5	39.6	26.8	27.4	33.1	42.5	42.5
15,0°	178.1	187.0	201.5	203.8	198.4	200.7	86.1	73.5	83.8	68.4	56.7	58.7	56.4
17,5°	201.2	214.3	226.3	241.4	246.6	247.4	110.6	123.4	96.6	76.1	72.4	59.3	45.9
20,0°	214.9	228.9	246.3	263.7	275.6	279.3	140.5	129.4	104.3	75.5	73.3	67.6	61.6
22,5°	238.6	248.6	267.4	275.3	279.3	282.8	146.2	114.0	108.9	95.5	87.2	65.8	57.9
25,0°	261.9	272.8	286.5	290.7	289.6	285.6	138.0	126.3	140.5	118.0	97.8	79.2	60.4
27,5°	293.3	298.7	302.1	305.8	303.6	303.9	166.5	135.1	124.6	113.7	112.6	88.1	71.0
30,0°	326.1	325.8	317.2	320.7	319.2	318.7	177.0	154.8	133.1	114.6	108.9	86.1	60.1
32,5°	346.6	352.3	340.3	338.6	335.5	335.8	192.1	161.3	150.8	117.2	111.5	88.9	69.5
35,0°	375.1	383.9	361.4	358.3	362.6	361.4	216.9	170.7	155.1	130.3	111.7	92.4	85.2
37,5°	389.9	399.6	377.4	375.7	380.8	384.8	237.7	190.1	161.0	136.8	108.9	84.1	88.6
40,0°	417.9	418.4	384.8	383.4	394.8	404.8	252.5	197.5	166.2	136.0	94.3	81.5	90.9
42,5°	444.1	415.0	387.4	392.8	402.8	413.9	275.6	204.7	173.3	136.5	84.1	83.2	93.2
45,0°	460.9	409.6	394.8	405.3	411.0	417.3	303.0	220.9	179.9	126.6	76.4	87.8	94.1
47,5°	463.5	406.2	398.2	407.0	417.0	419.0	313.0	229.7	182.7	111.2	74.7	86.4	87.8
50,0°	451.2	393.6	388.8	398.5	413.3	413.3	309.6	226.3	182.7	88.9	70.7	83.5	80.1
52,5°	421.0	375.1	376.5	384.8	401.9	402.5	306.4	226.9	179.0	74.7	68.1	80.4	73.8
55,0°	381.1	345.8	346.9	360.9	385.7	389.9	306.4	222.9	164.8	64.7	64.7	74.1	68.1
57,5°	344.6	301.0	301.3	324.7	353.4	358.0	291.6	199.2	123.4	63.8	60.7	69.0	63.0
60,0°	313.8	264.2	244.0	272.2	308.1	316.4	237.4	163.6	82.9	61.3	55.6	63.3	57.9
62,5°	258.5	208.9	195.8	212.1	234.9	258.2	185.0	125.7	62.4	55.9	51.9	55.0	51.6
65,0°	209.5	156.8	147.9	157.6	169.6	169.3	148.5	97.2	62.7	55.3	49.6	49.9	41.6
67,5°	165.9	105.2	93.8	97.5	101.2	100.3	136.2	85.5	75.0	63.8	50.2	43.3	33.6
70,0°	137.4	83.8	58.4	53.0	51.3	54.2	145.7	89.8	81.5	59.6	48.7	35.3	27.6
72,5°	99.8	70.7	39.9	29.9	28.8	29.1	142.5	87.8	75.8	55.0	42.2	29.4	23.4
75,0°	76.1	41.0	29.1	23.1	22.2	22.2	84.7	72.4	62.4	44.8	41.9	30.8	22.8
77,5°	54.4	26.2	21.7	19.7	19.7	20.0	72.4	56.2	49.9	41.0	35.6	29.4	21.9
80,0°	23.9	18.5	18.0	18.0	18.2	18.2	57.6	51.6	46.7	38.5	32.2	29.4	23.1
82,5°	17.1	16.2	16.2	16.8	17.4	17.7	40.5	40.8	38.5	29.4	27.1	23.9	19.7
85,0°	15.7	15.4	15.7	16.2	16.5	16.5	21.7	24.2	29.4	28.5	25.1	21.7	16.8
87,5°	14.8	14.8	15.1	15.7	16.0	16.0	17.1	19.7	21.9	22.2	20.2	18.0	14.3
90,0°	14.0	14.0	14.5	15.1	15.4	15.4	11.7	11.7	11.1	11.1	10.5	10.0	8.6
92,5°	13.4	13.4	13.7	14.3	14.5	14.8	10.8	10.5	10.5	10.0	9.4	8.8	8.0
95,0°	12.3	12.3	12.8	13.1	13.4	13.7	10.0	10.0	9.4	9.1	8.8	8.3	7.4
97,5°	11.1	11.4	11.7	12.0	12.0	12.0	9.4	9.1	8.8	8.6	8.0	7.7	6.8
100,0°	10.3	10.3	10.5	10.8	10.8	10.8	8.8	8.3	8.3	7.7	7.4	7.1	6.3
102,5°	9.1	9.1	9.7	9.7	9.7	9.7	8.0	7.7	7.4	7.1	6.8	6.6	6.3
105,0°	8.6	8.6	8.8	9.1	8.8	8.6	7.4	7.1	7.1	6.6	6.3	6.3	5.7
107,5°	8.0	8.0	8.3	8.3	8.0	8.0	7.1	6.8	6.6	6.3	5.7	5.7	5.1
110,0°	7.4	7.7	8.0	8.0	8.0	8.0	6.8	6.6	6.3	6.0	5.7	5.4	5.1
112,5°	7.1	7.4	7.4	7.7	7.4	7.4	6.3	6.3	5.7	5.7	5.1	5.1	5.1

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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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	0.0	0.0
2,5°	7.1	7.4	7.1	7.7	7.7	7.7	7.7	7.4	7.4	7.4	7.4	0.1	0.1
5,0°	7.4	7.4	7.7	7.7	7.4	7.7	7.4	7.4	7.4	7.1	7.4	0.3	0.4
7,5°	8.6	8.0	8.0	8.3	7.7	8.0	8.0	8.0	7.4	7.4	7.4	0.8	1.2
10,0°	10.3	9.7	9.1	8.8	8.8	8.6	8.6	8.0	7.7	7.1	7.4	1.9	3.1
12,5°	32.2	20.8	12.8	10.0	9.4	9.1	8.8	7.7	7.1	7.1	6.8	3.8	6.9
15,0°	45.3	38.8	37.6	28.8	20.8	11.1	9.4	8.0	7.1	7.1	6.8	6.2	13.1
17,5°	36.5	28.2	25.7	19.1	25.4	26.5	18.5	14.8	9.1	8.0	8.0	8.5	21.5
20,0°	58.7	33.1	36.2	26.5	26.2	17.1	10.8	13.7	21.1	20.5	18.2	10.9	32.4
22,5°	47.9	30.2	24.8	22.5	26.5	21.1	13.4	20.2	23.1	25.9	26.2	13.2	45.6
25,0°	40.5	26.5	23.9	21.9	21.7	18.8	15.4	20.8	21.9	26.5	30.2	15.6	61.3
27,5°	40.5	29.9	24.2	21.7	23.7	23.4	25.1	29.6	23.7	24.8	25.1	18.3	79.6
30,0°	43.0	38.2	32.8	26.8	22.8	19.7	20.0	26.2	24.2	24.2	24.5	21.9	101.4
32,5°	59.0	50.2	33.1	28.8	26.5	27.6	25.9	26.2	22.8	22.2	22.8	25.6	127.0
35,0°	89.8	74.4	56.4	46.5	40.5	31.6	24.2	27.6	24.2	21.9	21.1	29.7	156.8
37,5°	97.2	84.7	68.1	59.0	47.6	35.3	25.7	34.5	31.4	26.8	25.7	34.0	190.8
40,0°	97.2	82.9	70.1	63.0	49.9	37.1	31.4	41.3	41.0	37.1	35.9	38.1	228.9
42,5°	100.3	85.5	72.7	66.4	53.3	40.2	33.9	43.0	42.2	40.2	39.9	42.2	271.2
45,0°	101.8	85.8	72.1	66.4	54.2	41.0	34.8	41.6	41.9	38.8	37.1	46.1	317.2
47,5°	98.3	85.2	70.7	64.7	53.3	40.2	34.5	39.3	40.2	35.6	33.6	50.0	367.2
50,0°	92.9	84.1	69.8	64.4	51.3	38.8	33.6	37.1	36.5	31.9	30.8	53.3	420.5
52,5°	85.5	80.1	66.1	61.9	48.2	34.8	30.2	34.2	31.1	28.5	27.4	55.8	476.3
55,0°	78.7	77.0	65.8	60.1	44.8	31.6	27.1	30.5	26.5	24.5	23.4	58.2	534.5
57,5°	71.8	73.3	64.1	56.4	39.1	27.4	22.8	24.8	22.5	21.1	20.5	59.7	594.2
60,0°	65.0	66.7	49.9	39.3	30.5	21.4	18.0	18.2	17.7	16.8	15.4	58.2	652.4
62,5°	55.9	44.8	33.1	29.6	25.1	18.8	16.0	16.0	14.8	11.7	11.4	54.6	707.0
65,0°	40.8	31.1	25.7	24.2	21.4	16.2	14.3	14.0	11.7	10.0	8.0	50.3	757.3
67,5°	30.2	24.2	20.5	19.7	18.0	14.5	12.3	12.0	10.5	8.3	7.4	46.6	803.9
70,0°	23.9	19.4	16.8	16.8	15.7	13.1	10.8	10.8	8.8	7.4	7.4	43.8	847.8
72,5°	19.1	15.7	14.0	14.3	13.1	11.7	9.7	10.0	8.3	7.1	7.4	39.6	887.3
75,0°	17.4	13.1	11.7	11.7	11.4	10.0	9.1	8.8	7.7	6.6	6.8	32.6	919.9
77,5°	15.4	12.0	9.4	9.4	9.1	8.6	8.0	8.0	6.8	6.0	6.3	22.4	942.3
80,0°	14.8	10.3	8.0	7.7	7.7	7.4	6.8	7.1	6.3	5.4	5.7	13.0	955.4
82,5°	14.5	10.0	7.1	7.1	6.8	6.6	6.3	6.6	5.7	4.8	5.1	8.1	963.4
85,0°	11.4	8.3	6.3	6.0	6.3	5.7	5.7	5.7	5.1	4.8	4.6	4.8	968.2
87,5°	10.3	7.4	5.7	5.7	5.7	5.4	5.1	5.7	4.8	4.3	4.6	3.7	971.9
90,0°	6.6	5.4	4.8	5.1	5.1	5.1	4.8	5.1	4.3	4.0	4.0	2.9	974.8
92,5°	6.3	5.1	4.3	4.6	4.6	4.6	4.0	4.3	3.7	3.4	3.4	2.7	977.5
95,0°	5.7	4.8	4.0	4.3	4.0	4.0	4.0	4.0	3.4	3.4	3.4	2.5	979.9
97,5°	5.7	4.8	4.0	4.0	4.0	4.0	3.4	3.7	3.4	2.9	2.9	2.2	982.2
100,0°	5.7	4.6	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.9	2.9	2.1	984.2
102,5°	5.1	4.6	4.0	4.0	3.7	3.4	3.4	3.4	3.4	2.9	2.9	1.9	986.1
105,0°	5.1	4.3	3.7	3.7	3.4	3.4	3.4	3.4	3.1	2.9	2.9	1.7	987.8
107,5°	4.8	4.3	3.7	3.7	3.4	3.4	3.4	3.4	2.9	2.9	2.9	1.6	989.4
110,0°	4.6	4.0	3.7	3.4	3.4	3.4	3.4	3.4	2.9	2.9	2.9	1.5	990.9
112,5°	4.6	4.0	3.7	3.4	3.4	3.4	3.4	3.4	2.9	3.1	3.4	1.4	992.3

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275MF14H + 5XA54000XBL EAN: 4058352835340 + 4050737971421	LP number 59108_23
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°	6.3	6.3	6.3	6.6	6.3	6.0	6.0	5.7	5.7	5.7	6.0	6.3	6.6
117,5°	5.7	5.7	6.3	6.0	5.7	5.7	5.7	5.4	5.7	5.7	5.7	6.0	6.3
120,0°	5.4	5.7	5.7	5.7	5.4	5.1	5.1	5.1	5.1	5.4	5.7	5.7	5.7
122,5°	4.6	5.1	5.1	5.1	4.8	4.6	4.6	4.6	4.6	4.8	5.1	5.1	5.1
125,0°	3.7	4.0	4.0	4.0	3.7	3.4	3.4	3.4	3.4	3.7	4.0	4.0	4.0
127,5°	2.9	2.9	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6
130,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.7	1.7	1.7
132,5°	1.7	1.7	1.7	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
135,0°	1.7	1.7	1.1	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
137,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.6	0.9	0.9
140,0°	1.1	1.1	1.1	0.9	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
142,5°	1.1	0.9	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	1.1	1.1	1.1	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	0.9	1.1	1.1	1.1	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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 PLUS LED	Order number: 5XA5275MF14H + 5XA54000XBL EAN: 4058352835340 + 4050737971421	LP number 59108_23
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												
115,0°	6.8	7.1	7.4	7.4	7.4	7.4	6.0	5.7	5.7	5.1	5.1	5.1	4.6
117,5°	6.6	6.8	7.1	7.4	7.4	7.4	5.7	5.4	5.1	5.1	4.6	4.6	4.6
120,0°	6.3	6.6	6.8	6.8	6.8	6.8	5.1	5.1	4.8	4.6	4.6	4.3	4.0
122,5°	5.4	5.7	6.3	6.3	6.3	6.3	4.6	4.6	4.6	4.0	4.0	4.0	4.0
125,0°	4.0	4.6	4.6	4.6	4.6	4.6	3.4	3.4	3.4	3.4	3.4	3.1	2.9
127,5°	2.6	2.9	2.9	2.9	2.9	2.9	2.6	2.6	2.3	2.3	2.3	2.3	2.3
130,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
132,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.4	1.7	1.4	1.7	1.7	1.7
137,5°	0.9	0.9	0.9	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.4	1.7
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	0.9	0.9	0.9	1.1
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	0.9	1.1	0.9	1.1	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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 PLUS LED	Order number: 5XA5275MF14H + 5XA54000XBL EAN: 4058352835340 + 4050737971421	LP number 59108_23
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	
115,0°	4.6	4.0	3.4	3.4	3.4	3.4	2.9	3.4	3.4	3.1	3.4	1.3	993.6
117,5°	4.3	4.0	3.4	3.4	3.4	2.9	2.9	3.4	2.9	3.1	3.4	1.2	994.9
120,0°	4.0	3.7	3.4	3.1	2.9	2.9	2.9	2.9	2.9	3.1	3.4	1.1	996.0
122,5°	3.4	3.4	3.1	2.9	2.9	2.3	2.3	2.9	2.9	2.9	2.9	1.0	997.0
125,0°	2.9	2.9	2.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.8	997.8
127,5°	2.3	2.3	2.3	2.3	2.0	1.7	1.7	1.7	2.0	1.7	1.7	0.5	998.3
130,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.4	998.6
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	998.9
135,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	999.2
137,5°	1.7	1.4	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.4
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2	999.6
142,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	999.7
145,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	999.9
147,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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 PLUS LED	Order number: 5XA5275MF14H + 5XA54000XBL EAN: 4058352835340 + 4050737971421	LP number 59108_23
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	1460	11.8	12.1	12.0
95	241	252	1385	11.1	11.4	11.2
90	229	250	1316	10.6	10.8	10.7
85	216	248	1242	9.9	10.2	10.0
80	203	246	1167	9.3	9.6	9.4
75	190	243	1092	8.7	9.0	8.8
70	178	241	1023	8.2	8.4	8.3
65	165	238	948	7.6	7.7	7.6
60	152	235	874	7.0	7.2	7.1
55	140	232	805	6.5	6.6	6.6
50	127	229	730	6.0	6.1	6.0
45	114	225	655	5.4	5.6	5.5
40	102	221	586	5.0	5.1	5.0
35	89	216	512	4.5	4.6	4.6
30	76	210	437	4.0	4.0	4.0
26	65	204	374	3.6	3.7	3.6