

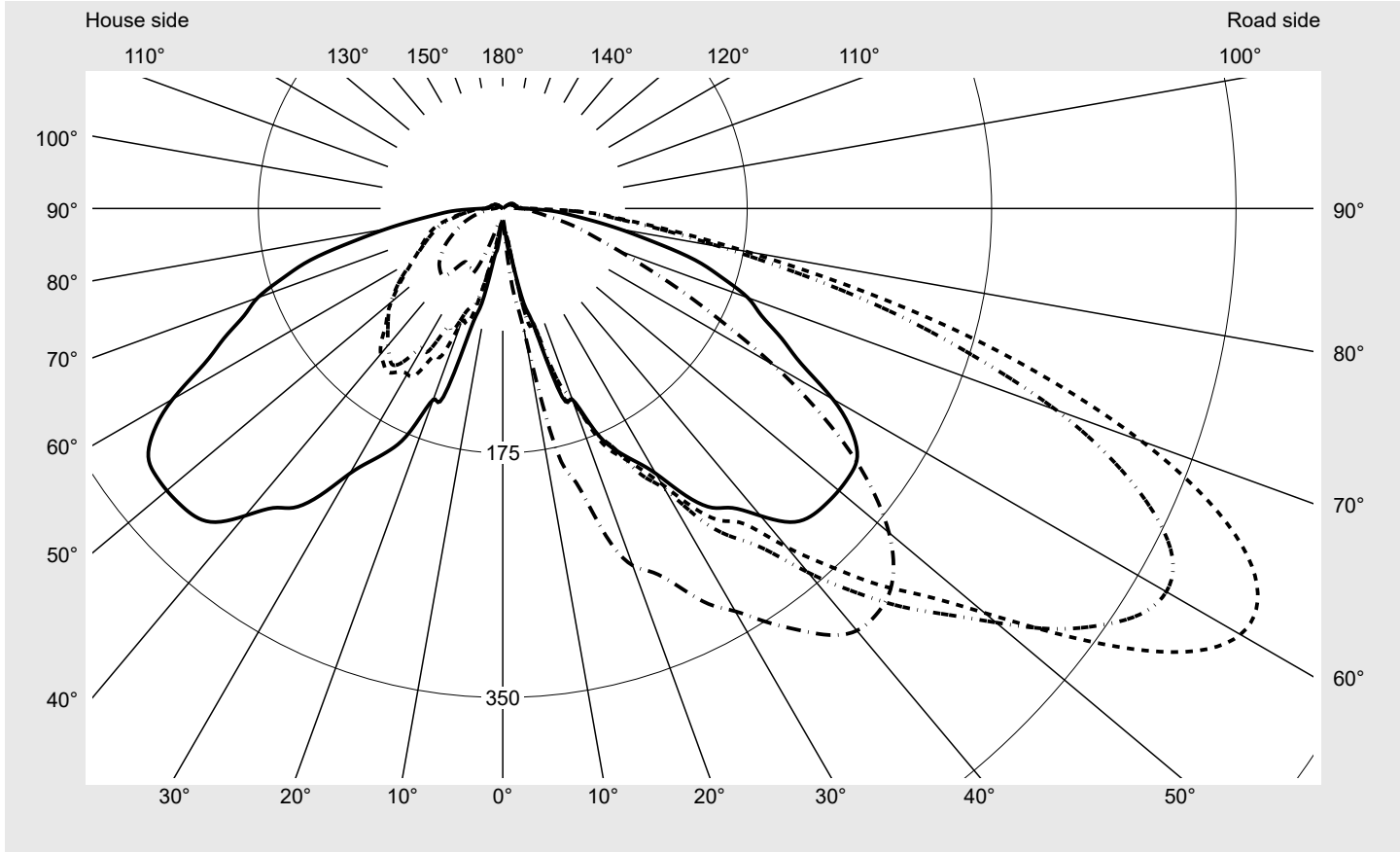
Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
	Version post-top- or mounting to wall arm, spreader element, structured 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 = 4270 lm Power consumption = 33.6 W Luminous efficacy = 127.1 lm/W	serial documentation 25.01.2024






Luminous intensity in cd/klm
C180-0
C205-25
C210-30
C270-90
Imax: 610 cd/klm



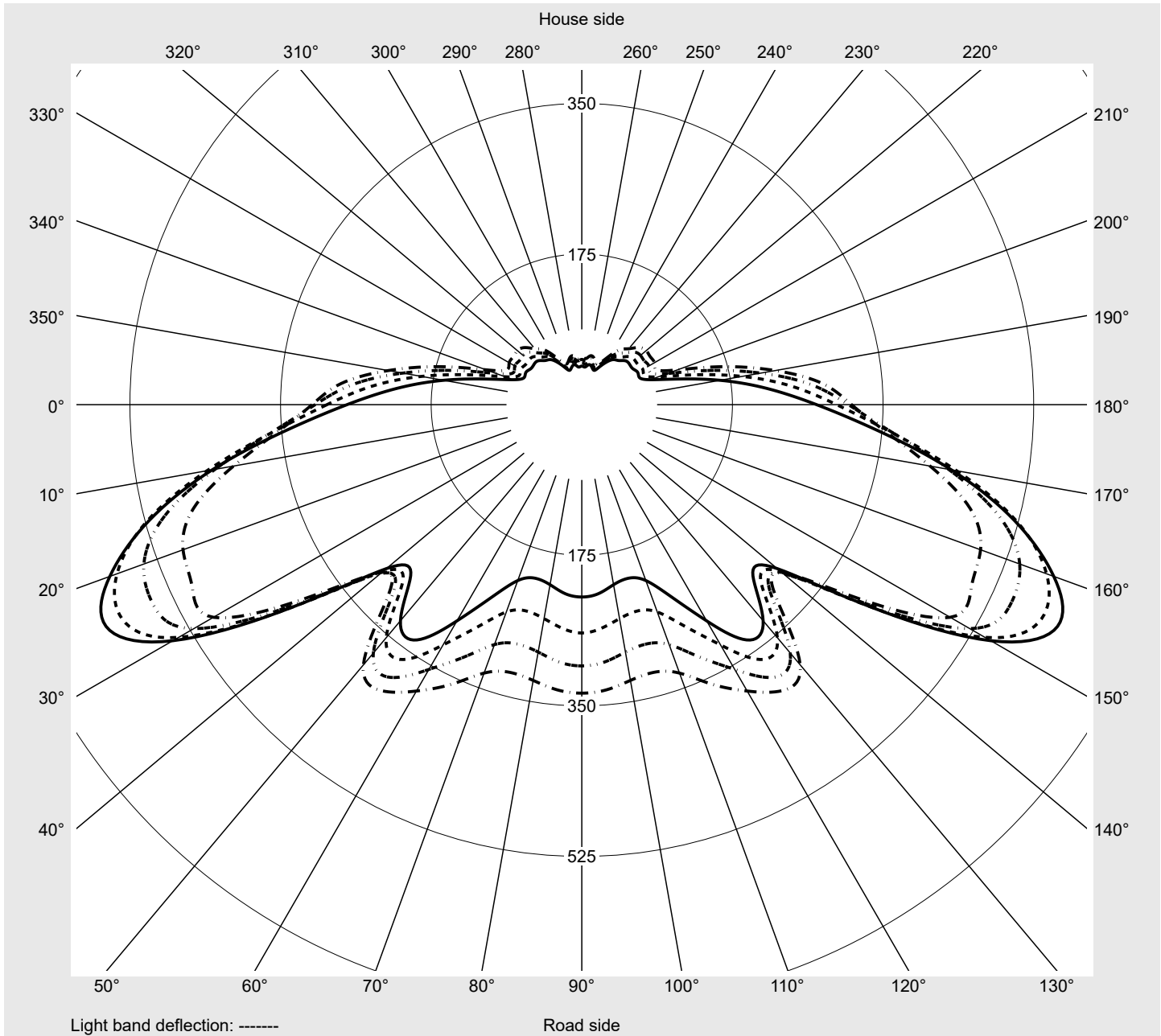
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	97.2%
Eta 90° - 180°	2.8%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G1
Imax 70°	486.7
Imax 80°	176.6
Imax 90°	16.1
Imax >90°	12.6
Imax >95°	10.8

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
---------------------------------------------	----------------------------------------------------------------------------------------------	-------------------------------------

Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
2,5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	11.1	11.1	11.4	11.4	11.7	11.7
5,0°	12.3	13.4	14.3	15.5	16.7	17.6	18.2	18.8	19.7	20.9	23.0	24.8	26.0
7,5°	29.3	30.5	30.8	28.7	24.8	20.0	17.9	19.4	24.5	30.8	38.5	45.1	49.3
10,0°	37.1	34.1	36.8	39.7	38.8	34.4	33.5	41.8	58.9	74.1	85.2	89.3	88.4
12,5°	69.6	85.5	94.1	97.7	92.0	83.7	84.3	76.8	79.5	87.5	100.7	112.6	121.0
15,0°	89.6	82.5	90.8	100.7	100.1	89.0	85.5	89.6	101.0	121.3	137.2	147.3	167.6
17,5°	141.3	148.2	135.7	136.3	142.5	138.9	126.7	114.1	112.1	141.0	154.8	159.9	178.7
20,0°	145.5	161.4	156.6	154.5	156.3	147.3	145.5	134.5	133.3	159.3	177.5	183.5	206.8
22,5°	172.1	187.6	183.2	183.5	181.7	177.5	173.3	151.8	139.8	170.9	196.6	206.8	230.1
25,0°	190.6	205.3	201.7	205.9	201.1	194.5	189.7	167.6	153.9	180.5	214.2	222.3	242.9
27,5°	203.5	216.9	214.5	215.1	210.7	208.3	214.8	184.7	166.4	202.9	244.1	246.8	274.3
30,0°	219.0	233.4	234.6	236.4	229.8	227.7	231.9	199.0	183.2	223.8	263.5	272.2	298.8
32,5°	243.5	256.7	259.1	260.9	254.0	253.7	264.4	223.2	199.9	252.5	308.4	311.9	332.0
35,0°	261.5	273.7	277.9	280.6	273.7	272.8	287.1	241.4	220.8	271.6	335.0	339.1	356.5
37,5°	270.1	280.3	281.8	286.8	281.2	284.8	306.9	256.1	234.3	291.9	359.5	367.8	383.4
40,0°	287.1	299.1	306.9	317.0	311.4	316.4	340.0	280.9	250.4	311.1	388.7	397.4	407.0
42,5°	304.5	317.0	332.0	348.4	340.3	347.8	372.0	306.9	266.2	324.8	404.9	412.0	417.1
45,0°	311.6	328.7	352.6	375.0	371.4	381.0	402.8	330.2	281.5	331.7	410.9	419.2	420.1
47,5°	313.4	335.6	367.2	400.1	401.9	410.6	430.0	352.6	290.4	331.7	411.4	421.3	418.6
50,0°	314.0	343.6	388.4	429.7	440.7	450.3	461.1	374.7	300.3	328.7	405.2	416.8	406.1
52,5°	313.4	353.8	410.9	467.3	493.0	499.6	494.2	392.9	303.0	320.9	394.7	405.8	384.3
55,0°	309.9	360.7	432.7	502.3	541.4	549.5	520.5	403.4	305.7	310.5	376.8	386.9	355.3
57,5°	296.1	359.5	442.2	522.9	574.6	589.2	540.8	409.7	302.1	295.2	353.5	361.5	322.4
60,0°	272.8	345.1	436.0	520.5	583.6	609.9	548.6	410.0	296.4	281.2	327.8	333.8	290.1
62,5°	241.1	320.3	414.4	496.9	567.1	609.3	540.5	398.6	283.9	262.6	300.6	302.7	255.2
65,0°	220.5	296.4	386.9	463.1	536.3	588.3	513.9	378.6	271.3	244.4	273.1	272.2	224.4
67,5°	200.5	277.3	359.2	423.4	490.6	546.5	473.6	347.5	248.3	221.7	246.2	241.1	192.7
70,0°	186.8	259.4	330.2	382.5	438.9	486.7	421.6	311.4	224.7	199.0	216.3	217.5	174.5
72,5°	164.6	233.4	292.5	335.6	378.0	413.8	356.5	265.6	193.6	170.9	187.3	193.3	145.8
75,0°	142.5	197.2	244.7	278.8	310.2	334.7	290.7	217.2	158.1	138.9	147.6	158.7	128.2
77,5°	110.9	153.0	188.5	213.9	235.2	250.7	220.2	163.1	116.8	99.5	115.0	133.3	120.7
80,0°	85.2	112.1	136.6	155.1	167.6	176.6	158.7	120.4	90.5	77.4	83.7	99.2	84.3
82,5°	62.7	80.7	97.4	110.3	117.7	123.1	113.8	90.5	69.9	58.9	59.8	69.3	56.2
85,0°	46.3	57.1	68.1	77.4	81.9	84.9	81.0	66.9	51.1	43.9	43.3	47.8	42.4
87,5°	33.2	40.6	48.4	54.7	57.7	58.9	56.8	47.8	36.2	31.4	32.6	36.5	34.1
90,0°	13.4	13.4	14.9	15.8	16.1	15.8	15.2	13.7	12.6	11.7	12.8	14.0	14.9
92,5°	11.1	11.4	12.3	12.6	12.3	12.3	12.0	11.4	9.9	9.3	9.9	11.1	12.0
95,0°	10.5	10.5	11.4	11.7	11.4	11.1	11.1	10.2	9.3	8.7	9.0	10.2	11.1
97,5°	9.6	9.9	10.5	10.8	10.5	10.2	10.2	9.6	8.7	8.1	8.4	9.6	10.2
100,0°	9.0	9.6	9.9	9.9	9.9	9.6	9.3	9.0	8.1	7.8	8.1	9.0	9.6
102,5°	8.4	9.0	9.3	9.3	9.3	9.0	8.7	8.1	7.8	7.5	7.5	8.4	9.0
105,0°	8.4	8.4	8.4	8.7	8.4	8.4	8.1	7.8	7.5	7.2	7.5	7.8	8.7
107,5°	7.8	7.8	8.1	8.4	7.8	7.8	7.5	7.5	6.9	7.2	7.2	7.5	8.1
110,0°	7.2	7.5	7.8	7.8	7.5	7.2	7.2	6.9	6.6	6.6	6.9	7.2	7.8
112,5°	6.9	7.2	7.2	7.2	6.9	6.9	6.6	6.6	6.6	6.6	6.6	6.9	7.5

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
2,5°	11.7	11.7	11.7	11.7	12.0	12.0	10.8	10.8	10.5	10.8	10.5	10.5	10.2
5,0°	26.9	27.5	28.1	28.4	28.4	28.1	12.0	11.7	11.4	11.1	10.8	10.8	10.5
7,5°	53.5	58.9	63.0	64.5	63.9	62.7	26.6	22.4	18.5	15.5	13.4	12.0	11.4
10,0°	89.3	89.6	92.6	92.6	91.4	92.0	40.3	42.1	38.5	35.6	29.9	22.7	17.3
12,5°	134.5	147.0	155.1	162.0	171.2	176.3	60.7	46.0	36.8	33.8	40.0	42.7	41.2
15,0°	186.5	190.6	198.1	199.9	200.5	203.2	89.6	81.9	77.7	72.9	71.1	66.6	49.6
17,5°	205.3	221.4	237.2	246.8	248.6	245.6	119.8	109.1	103.1	99.8	86.7	74.1	57.4
20,0°	230.7	245.9	252.8	260.6	268.6	271.9	151.5	142.2	116.8	100.1	87.3	80.7	68.1
22,5°	254.0	257.6	270.7	283.3	283.9	282.1	161.1	140.7	129.4	127.9	113.8	95.0	74.4
25,0°	268.9	283.6	291.0	296.7	297.3	298.8	180.2	164.0	150.6	137.2	116.2	93.5	74.4
27,5°	306.0	313.4	313.1	315.2	316.1	319.1	190.9	174.8	160.8	149.7	133.9	115.0	92.3
30,0°	323.6	329.6	332.6	337.0	334.1	332.9	207.1	184.7	164.0	150.0	136.9	114.4	91.7
32,5°	351.4	355.0	355.6	353.5	350.8	350.8	228.0	204.4	177.5	158.4	138.6	127.9	109.4
35,0°	375.3	378.3	373.5	369.9	368.4	368.1	246.2	218.1	188.8	166.4	143.1	136.9	127.3
37,5°	397.7	391.7	381.9	379.5	381.9	384.9	253.4	222.9	190.3	165.2	140.1	133.3	129.4
40,0°	412.3	399.5	387.5	385.8	390.5	394.4	271.6	236.7	198.4	165.8	136.0	127.9	126.7
42,5°	417.7	401.9	388.7	388.7	393.5	395.0	286.3	245.6	202.0	161.7	128.5	121.9	123.7
45,0°	418.3	398.0	384.3	384.6	389.3	390.8	291.6	245.9	198.7	151.8	118.6	116.2	119.8
47,5°	409.4	384.9	372.0	372.9	378.0	379.5	292.2	244.4	194.2	142.2	112.1	110.9	113.2
50,0°	387.8	361.8	350.8	353.5	359.2	361.0	288.6	238.1	182.9	129.7	104.3	104.6	105.5
52,5°	358.6	332.0	322.1	325.4	332.6	335.3	280.9	228.3	170.6	118.3	95.9	97.4	97.1
55,0°	323.6	296.7	288.0	291.9	300.3	303.6	267.4	211.3	153.6	105.8	87.8	89.9	88.7
57,5°	284.5	256.4	248.3	252.5	260.9	265.3	245.0	189.1	133.9	94.7	80.4	81.9	80.4
60,0°	246.5	217.5	208.9	212.4	220.5	223.5	216.0	163.1	115.0	84.9	74.1	75.0	72.6
62,5°	208.9	179.3	169.7	172.7	179.6	179.9	185.9	137.4	99.8	77.4	68.7	68.1	64.8
65,0°	178.1	147.6	137.4	139.2	144.3	144.0	162.0	118.6	88.7	72.3	64.8	63.0	58.6
67,5°	148.8	119.5	108.8	109.1	110.6	112.3	143.4	104.3	81.6	67.8	61.0	58.6	53.2
70,0°	126.4	97.7	87.0	85.5	86.4	88.4	129.1	94.1	75.3	64.2	57.7	54.4	48.1
72,5°	104.9	79.5	68.7	66.0	67.2	70.5	113.5	84.0	69.0	59.2	53.8	50.2	43.0
75,0°	87.3	65.1	55.6	52.3	54.1	58.0	97.1	73.2	61.9	53.8	49.3	46.0	38.8
77,5°	71.7	50.8	43.0	40.6	42.1	45.4	78.3	61.3	52.9	46.6	43.0	40.0	33.8
80,0°	53.5	39.7	33.8	32.0	32.3	33.5	61.3	49.9	44.2	39.4	36.5	34.1	29.0
82,5°	41.8	32.3	27.8	26.0	25.7	26.3	48.4	40.6	36.5	32.9	30.8	29.0	24.8
85,0°	33.8	26.9	23.6	21.8	21.2	20.9	37.4	32.6	29.9	27.2	25.7	23.9	20.9
87,5°	28.7	23.6	21.2	19.4	18.2	17.9	28.4	25.4	23.9	21.8	20.3	19.1	17.3
90,0°	14.6	14.0	13.7	13.4	13.1	13.1	13.4	12.8	12.8	12.3	12.0	11.4	10.8
92,5°	12.0	12.6	12.6	12.3	12.3	12.0	11.4	11.1	10.8	10.2	9.9	9.6	9.0
95,0°	11.4	11.4	11.7	11.7	11.4	11.4	10.2	10.2	9.9	9.3	9.0	8.7	7.8
97,5°	10.5	10.8	10.8	10.8	10.8	10.8	9.6	9.6	9.3	8.7	8.4	7.8	7.5
100,0°	9.9	10.2	10.2	10.2	10.2	10.2	9.0	9.0	8.4	8.1	7.8	7.2	6.9
102,5°	9.6	9.6	9.6	9.6	9.6	9.6	8.4	8.4	7.8	7.5	7.2	6.9	6.3
105,0°	9.0	9.0	9.6	9.6	9.3	9.0	7.8	7.8	7.5	7.2	6.6	6.3	6.0
107,5°	8.4	8.7	9.0	9.0	9.0	9.0	7.2	7.2	6.9	6.6	6.3	6.0	5.7
110,0°	8.1	8.4	8.4	8.4	8.4	8.4	7.2	6.9	6.6	6.3	6.0	5.7	5.4
112,5°	7.8	7.8	8.1	8.4	8.4	8.4	6.6	6.6	6.3	6.0	5.7	5.4	5.1

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	0.0	0.0
2,5°	10.5	10.8	10.5	10.5	10.5	10.8	10.8	10.8	10.5	10.5	10.8	0.1	0.1
5,0°	10.5	10.8	10.8	10.5	10.2	10.2	10.2	10.2	10.5	10.2	10.2	0.4	0.5
7,5°	11.1	10.8	10.8	10.8	10.8	10.8	10.8	10.2	10.2	9.9	10.2	0.9	1.5
10,0°	13.7	12.3	11.7	11.4	11.4	11.4	10.8	10.8	10.2	9.9	9.6	2.0	3.5
12,5°	33.2	24.8	17.0	13.1	12.0	12.0	11.4	10.5	9.9	9.6	9.6	4.1	7.6
15,0°	42.1	47.8	40.6	34.4	21.2	14.6	12.6	11.4	10.5	9.9	9.6	6.4	14.0
17,5°	45.7	37.6	32.9	29.3	35.0	30.8	23.0	20.6	15.5	14.3	13.7	9.3	23.3
20,0°	58.0	54.1	45.7	35.9	35.0	26.9	20.0	25.7	29.9	29.9	27.5	11.9	35.2
22,5°	59.5	50.8	41.5	38.2	37.9	34.4	27.2	35.0	36.8	42.4	42.4	14.9	50.1
25,0°	59.5	49.6	41.5	39.7	39.1	36.2	33.8	38.8	44.2	48.1	51.4	17.8	67.9
27,5°	69.3	54.7	43.3	42.1	42.1	42.7	46.3	52.6	46.9	50.2	49.0	21.3	89.2
30,0°	72.3	61.9	53.8	48.1	43.9	40.3	40.6	49.6	46.3	50.2	49.0	24.6	113.8
32,5°	90.2	73.8	56.5	49.9	49.6	47.8	47.2	50.2	45.1	47.2	47.8	29.0	142.8
35,0°	117.7	100.1	82.8	70.5	61.6	51.7	46.3	50.5	46.3	46.3	46.6	33.5	176.3
37,5°	124.9	111.2	95.0	84.6	70.2	55.9	48.1	55.3	53.8	52.0	52.0	37.2	213.5
40,0°	123.1	108.2	94.7	85.5	71.1	58.6	54.7	62.7	63.3	61.6	62.2	41.4	254.9
42,5°	121.6	107.6	95.0	86.7	72.6	60.1	55.0	63.3	64.8	63.9	64.5	45.1	300.0
45,0°	118.9	106.7	93.8	86.1	72.3	60.4	55.3	61.6	63.6	62.2	63.3	48.1	348.2
47,5°	113.5	103.7	92.0	84.9	71.7	59.2	54.1	60.1	62.2	59.5	61.6	50.5	398.7
50,0°	106.4	98.6	88.4	81.6	69.3	57.4	52.9	58.0	61.0	57.7	59.2	52.3	451.0
52,5°	97.7	93.8	84.9	78.3	66.3	55.0	50.5	55.6	57.7	53.8	55.6	53.7	504.6
55,0°	89.0	86.4	78.6	72.6	62.7	52.3	48.1	52.9	54.4	51.1	52.6	54.2	558.8
57,5°	80.4	78.9	72.3	68.1	59.8	49.9	45.1	48.4	50.8	47.2	49.0	53.5	612.4
60,0°	72.6	72.0	66.9	63.9	57.1	48.4	42.4	45.1	47.2	43.9	44.8	51.8	664.2
62,5°	64.8	65.1	61.9	61.0	55.3	47.2	39.4	41.2	43.3	40.3	40.6	48.9	713.0
65,0°	58.6	59.5	57.4	57.7	53.2	45.4	37.4	37.6	39.4	36.5	37.1	45.7	758.7
67,5°	52.9	54.1	52.6	54.1	50.5	43.3	35.3	34.1	35.0	32.9	32.9	41.9	800.6
70,0°	47.8	49.3	49.3	50.8	48.1	41.8	33.2	31.7	31.1	29.3	29.9	38.1	838.7
72,5°	42.4	43.6	43.9	45.7	43.6	38.2	32.0	29.3	28.1	26.0	26.3	33.5	872.2
75,0°	37.1	37.9	38.2	39.7	37.6	32.9	28.4	26.3	24.5	22.7	22.7	28.3	900.5
77,5°	31.4	31.7	31.4	32.9	31.1	27.2	23.6	22.1	21.2	19.1	19.1	22.5	923.0
80,0°	26.0	25.4	24.5	26.3	25.4	22.4	20.0	18.5	17.6	15.8	15.5	17.1	940.1
82,5°	22.1	20.3	19.7	21.2	20.3	18.8	17.0	15.8	14.6	13.4	12.6	12.9	953.0
85,0°	18.2	16.1	15.5	17.0	16.4	14.9	13.7	13.4	12.3	11.1	10.2	9.7	962.7
87,5°	14.6	12.0	11.4	12.8	12.8	12.3	11.4	11.1	10.5	9.0	7.8	7.4	970.1
90,0°	9.3	7.2	7.5	8.7	9.3	9.3	9.0	8.4	8.1	6.6	6.0	3.3	973.4
92,5°	7.5	5.7	5.7	6.6	7.2	7.2	7.2	6.9	6.3	5.4	4.8	2.7	976.1
95,0°	7.2	5.7	5.1	6.0	6.6	6.3	6.0	6.0	5.7	5.1	4.2	2.5	978.5
97,5°	6.6	5.4	4.8	5.4	5.7	5.7	5.4	5.4	5.1	4.5	4.2	2.3	980.8
100,0°	6.0	5.1	4.5	4.8	5.4	5.1	5.1	4.8	4.8	4.5	4.2	2.1	982.9
102,5°	5.7	4.8	4.2	4.5	4.8	4.8	4.8	4.8	4.5	4.2	4.2	2.0	984.9
105,0°	5.7	4.8	4.2	4.2	4.8	4.2	4.2	4.2	4.2	4.2	3.6	1.8	986.7
107,5°	5.1	4.5	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.9	3.6	1.7	988.5
110,0°	5.1	4.5	3.9	4.2	4.2	3.9	4.2	4.2	3.9	3.6	3.6	1.6	990.1
112,5°	4.8	4.5	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.5	991.6

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
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°	6.6	6.6	6.9	6.9	6.9	6.6	6.6	6.3	6.3	6.6	6.6	6.6	6.9
117,5°	6.0	6.3	6.6	6.6	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.6	6.6
120,0°	6.0	6.0	6.0	6.0	5.7	5.7	5.4	5.4	5.7	6.0	6.0	6.0	6.3
122,5°	5.1	5.4	5.4	5.4	5.1	4.8	4.8	4.8	5.4	5.4	5.4	5.4	5.7
125,0°	4.2	4.2	4.2	4.2	4.2	4.2	3.9	3.9	4.2	4.2	4.2	4.2	4.2
127,5°	3.0	3.0	3.0	3.0	3.0	3.0	2.4	2.4	2.7	2.7	2.7	2.7	2.7
130,0°	1.8	1.8	1.8	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
132,5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.5	1.5	1.2	1.8
135,0°	1.8	1.8	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
137,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.9	1.2	0.6
140,0°	1.5	1.2	1.2	1.2	0.9	0.9	0.9	0.6	0.9	0.6	0.6	0.6	0.6
142,5°	1.8	1.5	1.2	1.2	1.2	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145,0°	1.2	1.2	1.5	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.6	0.6	0.6
147,5°	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.9	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: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
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°	7.5	7.8	7.8	7.8	7.8	7.8	6.6	6.0	6.0	5.7	5.4	5.4	4.8
117,5°	7.2	7.5	7.8	7.8	7.8	7.8	6.0	6.0	5.4	5.4	5.1	4.8	4.8
120,0°	6.6	6.9	7.2	7.2	7.2	7.2	5.4	5.4	5.4	4.8	4.8	4.8	4.5
122,5°	5.7	6.3	6.6	6.6	6.6	6.6	5.1	4.8	4.8	4.5	4.2	4.2	4.2
125,0°	4.5	4.8	4.8	4.8	4.8	4.8	3.9	3.9	3.6	3.6	3.6	3.6	3.3
127,5°	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.7	2.7	2.7	2.7	2.7	2.4
130,0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.1	2.4
132,5°	1.2	1.2	1.5	1.5	1.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
135,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8
137,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.5	1.8	1.8	1.5	1.8	1.8
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.8	1.5	1.2	1.2	1.2	1.2	1.2
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2
147,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	0.9	1.2	1.2	1.2	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
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: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
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°	4.8	4.5	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.4	993.0
117,5°	4.5	4.2	3.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	1.3	994.4
120,0°	4.2	3.9	3.6	3.3	3.0	3.0	3.0	3.3	3.6	3.6	3.6	1.2	995.6
122,5°	3.9	3.9	3.6	3.3	3.0	3.0	3.0	3.0	3.0	3.3	3.6	1.1	996.7
125,0°	3.0	3.0	3.0	3.0	2.7	2.4	2.4	2.7	3.0	3.0	3.0	0.8	997.5
127,5°	2.4	2.4	2.4	2.4	2.4	2.4	2.1	2.1	2.4	2.4	2.4	0.6	998.1
130,0°	2.1	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	1.8	0.4	998.5
132,5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.3	998.8
135,0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.3	999.1
137,5°	1.8	1.5	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.2	999.4
140,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.2	999.5
142,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.9	0.6	0.2	999.7
145,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.2	999.9
147,5°	1.2	1.2	1.2	1.2	1.2	0.9	0.9	1.2	1.2	0.6	1.2	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: 5XA5275EF14HP + 5XA54000XS EAN: 4058352835210 + 4050737730073	LP number 59107_78
---------------------------------------------	----------------------------------------------------------------------------------------------	-------------------------------------

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	4270	33.6	35.9	34.8
95	241	252	4051	31.3	33.5	32.4
90	229	250	3850	29.4	31.4	30.4
85	216	248	3631	27.3	29.2	28.2
80	203	246	3413	25.4	27.1	26.2
75	190	243	3194	23.5	25.1	24.3
70	178	241	2992	21.9	23.3	22.6
65	165	238	2774	20.1	21.4	20.8
60	152	235	2555	18.4	19.5	19.0
55	140	232	2354	16.8	17.9	17.4
50	127	229	2135	15.2	16.2	15.7
45	114	225	1916	13.7	14.5	14.1
40	102	221	1715	12.2	13.0	12.6
35	89	216	1496	10.7	11.3	11.0
30	76	210	1278	9.2	9.7	9.4
25	63	203	1059	7.8	8.2	8.0
20	51	195	857	6.6	6.9	6.8
15	38	184	639	5.2	5.5	5.4
11	28	173	471	4.1	4.4	4.2