

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: 5XA5275KF14H + 5XA54000XS
EAN: 4058352835258 + 4050737730073

LP number
59107_26



Version post-top- or mounting to wall arm, spreader element, structured

Optic asymmetric, wide distribution (ST1.2a)

Cover cover transparent, PMMA

Lamps LED 4000 K | CRI ≥ 70

Controlgear ECG SITECO iQ

Rated values Net luminous flux = 1390 lm
Power consumption = 10.0 W
Luminous efficacy = 139 lm/W

serial
documentation
07.07.2022

siteco

Luminous intensity in cd/klm

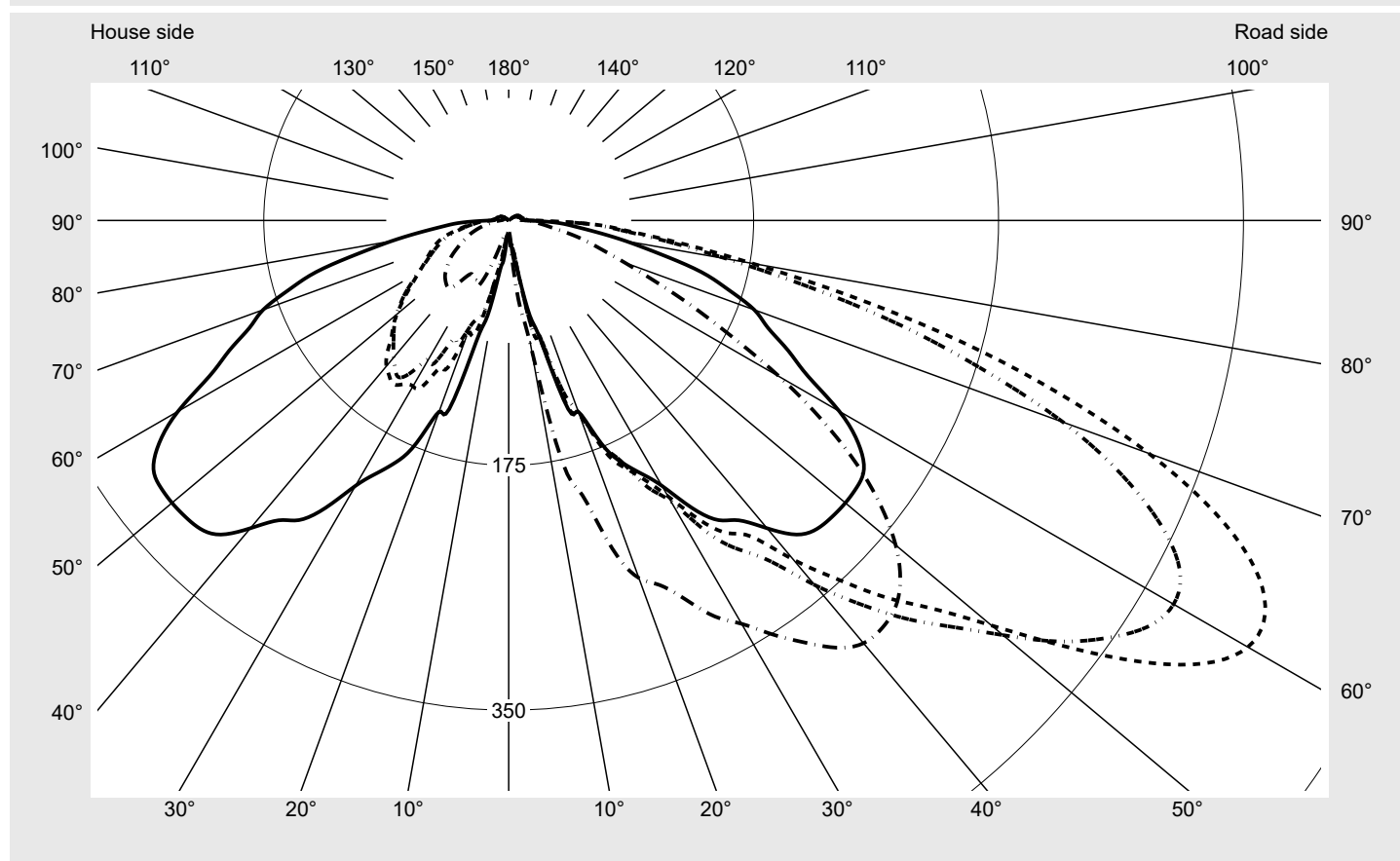
C180-0

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%

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

Measurement conditions

DIN EN 13032 and DIN 5032

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EAN: **4058352835258 + 4050737730073**

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Envelope curve in cd/klm

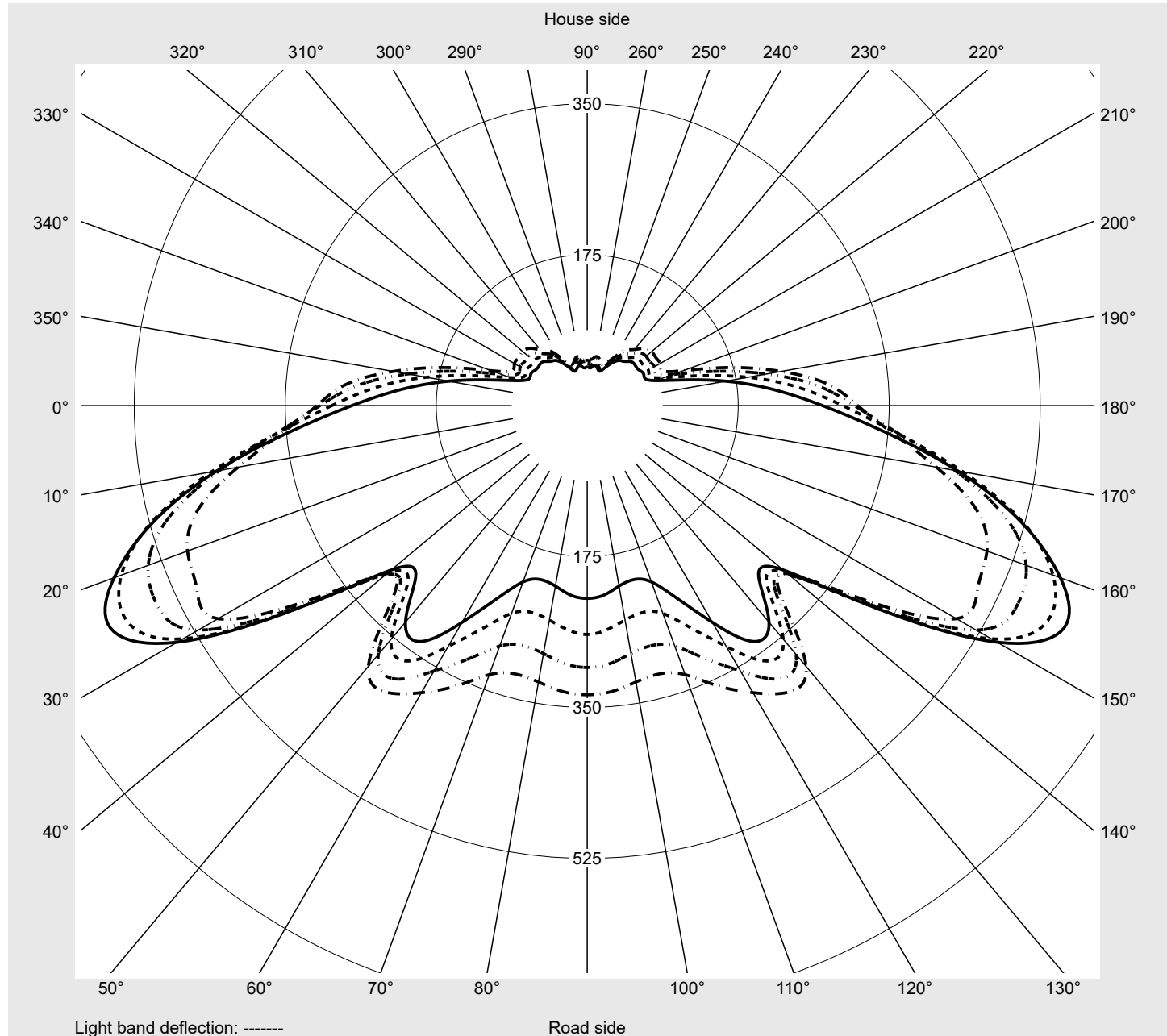
KMK 60°

KMK 57.5°

KMK 55°

KMK 52.5°

siteco



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Family CITY-LIGHT PLUS LED	Order number: 5XA5275KF14H + 5XA54000XS EAN: 4058352835258 + 4050737730073	LP number 59107_26
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

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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°	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

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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°	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: 5XA5275KF14H + 5XA54000XS EAN: 4058352835258 + 4050737730073	LP number 59107_26
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: 5XA5275KF14H + 5XA54000XS EAN: 4058352835258 + 4050737730073	LP number 59107_26
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: 5XA5275KF14H + 5XA54000XS EAN: 4058352835258 + 4050737730073	LP number 59107_26
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: 5XA5275KF14H + 5XA54000XS EAN: 4058352835258 + 4050737730073	LP number 59107_26
Dimming levels table environmental temperature: 25°C		

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	1390	10.0	10.4	10.2
95	241	252	1319	9.5	9.9	9.7
90	229	250	1253	9.0	9.3	9.2
85	216	248	1182	8.5	8.8	8.6
80	203	246	1111	8.0	8.3	8.2
75	190	243	1040	7.6	7.7	7.6
70	178	241	974	7.1	7.3	7.2
65	165	238	903	6.6	6.8	6.7
60	152	235	832	6.1	6.4	6.2
55	140	232	766	5.7	5.9	5.8
50	127	229	695	5.3	5.5	5.4
45	114	225	624	4.8	5.0	4.9
40	102	221	558	4.4	4.6	4.5
35	89	216	487	4.0	4.1	4.0
30	76	210	416	3.6	3.7	3.6
30	75	209	410	3.5	3.7	3.6