

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275FF14H + 5XA54000XS**
EAN: **4058352636152 + 4050737730073**

LP number
59287_18



Version post-top- or mounting to wall arm, spreader element, structured
Optic asymmetric, extremely wide distribution (P1.0a)
Cover cover transparent, PMMA
Lamps LED 3000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1370 lm
Power consumption = 10.5 W
Luminous efficacy = 130.5 lm/W

serial
documentation
07.07.2022

siteco

Luminous intensity in cd/klm

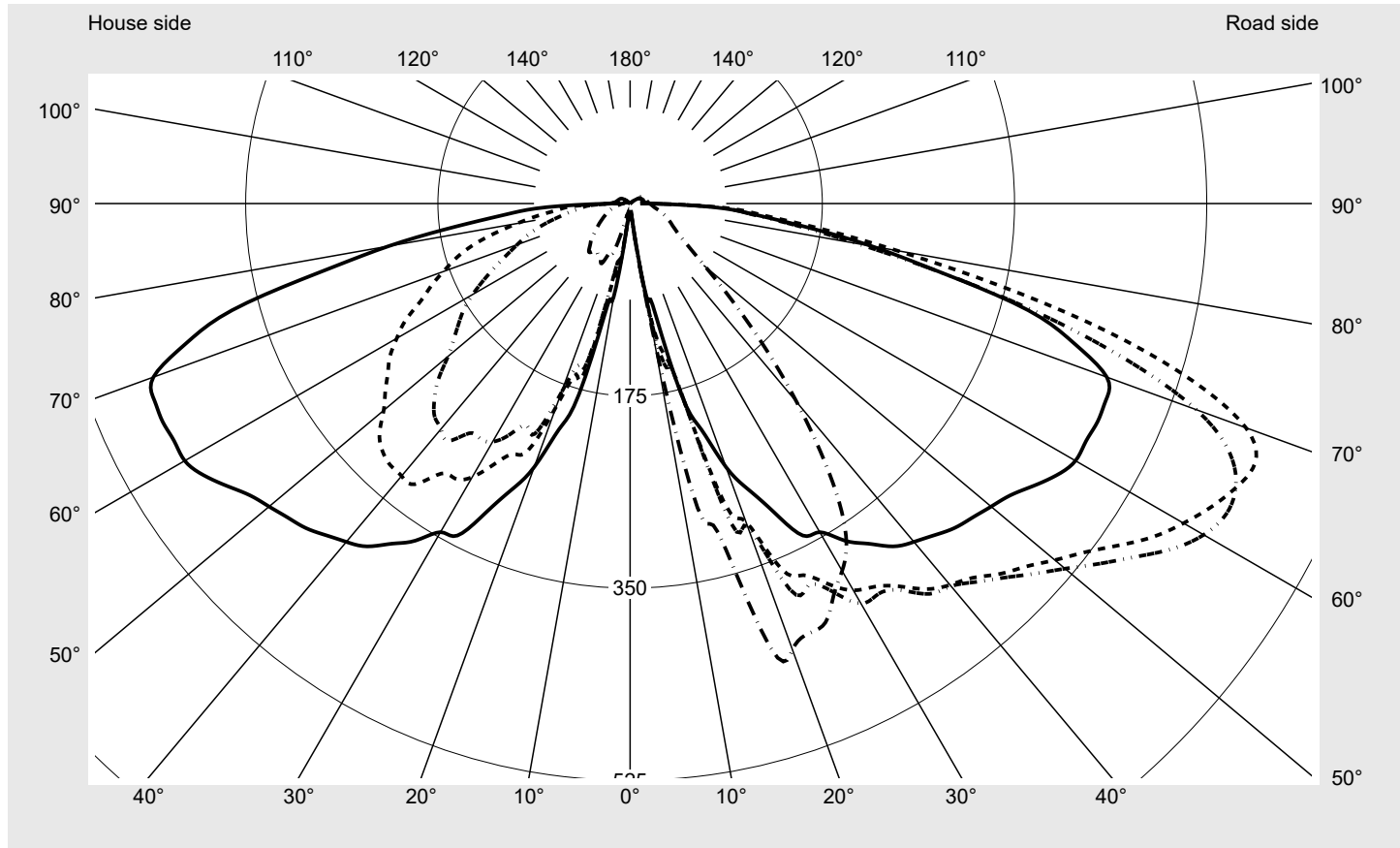
C180-0

C190-10

C195-15

C270-90

Imax: 616 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°	596.6
Imax 80°	248.1
Imax 90°	17.9
Imax >90°	16.9
Imax >95°	15.9

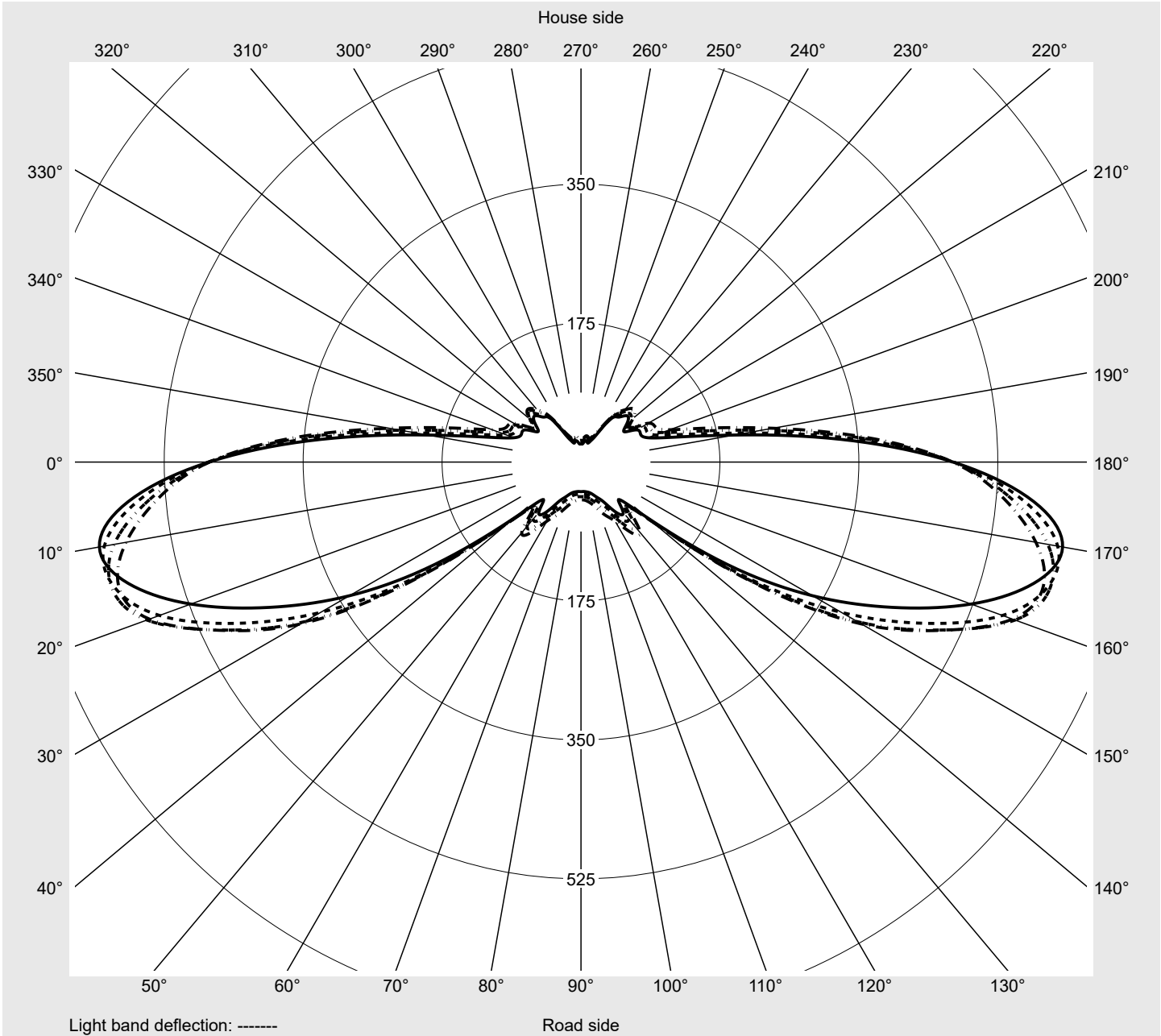
Measurement conditions

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°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
2,5°	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.7	10.9	11.0	11.1	11.3
5,0°	11.1	11.1	11.2	11.2	11.3	11.4	11.5	11.5	11.7	11.8	12.0	12.2	12.5
7,5°	15.8	18.4	21.9	25.6	28.9	29.3	26.8	26.6	29.1	30.0	27.5	29.4	32.7
10,0°	86.6	95.5	99.9	102.8	105.2	104.0	98.6	83.7	66.4	46.4	46.9	72.7	84.4
12,5°	94.3	115.3	139.2	152.9	161.7	164.5	160.9	139.4	124.3	94.1	104.2	132.4	172.6
15,0°	179.5	179.9	175.6	172.3	180.6	189.6	214.2	217.1	206.6	188.9	184.8	219.4	304.9
17,5°	215.6	245.8	286.4	304.6	299.9	289.0	273.4	283.9	232.0	231.8	219.3	246.9	344.7
20,0°	255.2	289.1	307.9	312.6	306.1	303.6	317.6	329.1	286.1	306.9	306.9	316.2	388.1
22,5°	281.9	315.5	360.0	380.3	361.8	345.5	339.2	359.0	304.4	313.1	299.4	315.5	394.8
25,0°	310.0	344.7	373.2	383.7	361.7	354.9	355.0	355.8	289.4	310.7	305.4	317.0	390.7
27,5°	340.7	370.0	390.3	397.8	371.5	367.6	364.9	354.3	272.2	304.5	299.6	304.9	369.5
30,0°	345.3	377.3	406.5	420.4	398.0	389.1	385.7	349.1	252.3	285.7	290.3	292.0	345.9
32,5°	363.8	390.6	413.6	421.1	394.3	385.6	383.4	342.0	231.6	265.8	275.1	271.7	315.9
35,0°	377.9	404.2	425.2	429.6	405.1	394.9	390.9	334.3	212.4	244.3	263.2	252.6	282.3
37,5°	393.3	418.9	442.3	447.8	419.8	401.9	394.7	328.1	192.8	230.6	251.1	234.4	256.4
40,0°	402.0	427.5	453.1	454.6	427.4	404.2	393.0	312.4	175.9	204.7	234.3	215.6	229.9
42,5°	409.6	435.8	462.0	467.0	437.8	406.3	389.7	301.5	155.8	183.0	216.9	198.3	206.2
45,0°	417.6	446.8	476.6	481.6	453.8	415.0	388.9	288.2	141.9	160.2	197.7	178.8	180.0
47,5°	422.9	455.9	489.0	498.7	472.1	427.0	391.6	280.4	126.5	142.3	179.6	161.4	158.8
50,0°	429.1	469.7	504.8	517.0	491.8	439.8	392.0	270.5	118.3	124.9	162.4	147.6	139.6
52,5°	436.3	485.4	521.5	538.5	512.7	452.4	394.8	266.7	109.4	109.8	149.3	135.5	123.5
55,0°	448.1	503.6	542.5	560.9	535.3	468.1	397.0	264.0	111.3	100.5	136.5	124.4	108.5
57,5°	460.3	521.4	564.6	585.1	559.8	485.6	403.6	264.4	111.7	91.8	126.9	115.3	96.0
60,0°	468.2	535.4	581.8	603.0	578.5	501.6	407.8	264.3	115.0	87.1	116.1	107.1	86.0
62,5°	468.0	546.0	597.2	611.9	581.9	500.7	402.2	259.7	115.0	80.2	105.6	97.5	76.4
65,0°	469.7	559.9	609.7	608.5	565.0	480.8	378.8	249.9	114.8	76.3	93.3	87.7	68.1
67,5°	468.7	572.6	616.0	590.5	523.0	433.2	336.8	224.8	108.8	66.9	82.6	77.5	58.9
70,0°	461.9	560.5	596.6	548.6	461.3	371.7	281.9	193.8	100.3	61.8	70.7	67.4	51.4
72,5°	424.3	514.6	537.4	475.3	380.8	298.4	223.1	156.2	85.8	51.8	60.5	58.4	44.5
75,0°	375.2	440.4	449.6	384.9	300.5	233.1	173.9	123.5	70.7	44.9	50.0	49.8	38.9
77,5°	290.1	342.5	343.6	290.2	223.9	171.6	130.5	93.7	55.6	35.6	40.8	41.7	33.4
80,0°	223.3	248.1	246.9	210.3	163.9	126.7	98.1	70.9	43.3	29.7	32.5	34.2	28.9
82,5°	159.6	174.4	174.5	152.7	121.7	94.4	75.0	54.8	34.7	24.5	27.0	29.3	25.6
85,0°	113.2	119.9	121.0	110.3	90.4	70.9	57.3	42.9	28.2	21.4	22.7	25.1	23.2
87,5°	76.1	82.5	84.4	79.2	66.4	53.4	44.1	33.9	23.5	18.5	19.8	22.2	21.3
90,0°	15.7	15.2	16.5	17.2	17.0	16.8	16.7	15.9	13.8	12.9	14.5	16.6	17.3
92,5°	13.8	14.1	15.3	15.7	15.4	15.2	14.8	14.0	12.5	11.8	13.0	14.8	15.8
95,0°	13.3	13.6	14.6	15.0	14.7	14.5	14.2	13.5	12.2	11.7	12.7	14.2	15.2
97,5°	12.8	13.1	14.0	14.4	14.1	13.8	13.5	12.9	11.9	11.5	12.2	13.7	14.6
100,0°	12.4	12.7	13.5	13.8	13.5	13.2	12.9	12.3	11.6	11.4	12.0	13.2	14.0
102,5°	11.9	12.2	12.9	13.2	12.9	12.6	12.3	11.8	11.2	11.1	11.6	12.7	13.5
105,0°	11.5	11.8	12.5	12.7	12.3	12.0	11.8	11.3	11.0	11.0	11.4	12.3	13.1
107,5°	11.1	11.4	12.0	12.1	11.8	11.6	11.3	11.0	10.7	10.8	11.2	11.9	12.7
110,0°	10.8	11.0	11.6	11.7	11.4	11.1	10.9	10.6	10.6	10.7	11.0	11.6	12.3
112,5°	10.4	10.8	11.2	11.3	11.0	10.7	10.5	10.3	10.3	10.5	10.8	11.2	11.9

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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°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
2,5°	11.5	11.8	12.0	12.1	12.2	12.2	10.4	10.5	10.5	10.5	10.6	10.6	10.6
5,0°	12.8	13.1	13.4	13.5	13.6	13.7	11.0	11.1	11.0	11.1	11.1	11.0	11.0
7,5°	33.5	32.7	31.2	30.0	29.1	28.7	14.0	13.0	12.5	12.2	12.1	12.0	11.9
10,0°	94.8	109.0	113.1	111.7	116.0	119.1	79.6	68.6	56.4	47.3	32.6	20.9	15.4
12,5°	202.3	219.0	237.7	258.5	275.2	283.7	76.7	69.1	60.6	57.3	62.3	71.2	62.1
15,0°	330.1	323.9	315.1	319.4	309.4	310.4	170.6	157.1	147.0	146.5	117.6	90.4	78.3
17,5°	395.3	407.2	413.9	411.7	414.7	422.8	182.1	163.2	154.0	133.7	115.1	93.1	80.7
20,0°	421.8	425.8	427.4	425.5	426.4	432.2	220.2	196.8	183.2	161.5	140.4	124.0	104.3
22,5°	433.0	430.0	428.7	424.2	423.3	423.7	257.5	243.5	226.9	184.3	153.5	131.4	109.0
25,0°	426.0	422.0	420.8	418.2	419.9	420.8	277.6	251.5	222.7	187.8	157.8	132.5	109.9
27,5°	402.6	400.7	401.7	399.5	400.7	401.5	306.2	267.2	236.8	198.7	167.6	147.6	114.2
30,0°	375.3	374.7	376.9	378.0	382.9	386.1	323.5	287.5	250.3	207.0	172.2	143.0	111.2
32,5°	341.1	342.6	348.7	354.5	362.6	366.6	338.7	296.7	253.9	207.3	174.2	154.9	128.0
35,0°	305.2	309.4	317.4	323.0	328.7	331.9	348.7	300.1	255.2	205.2	169.1	163.0	145.7
37,5°	275.5	278.5	281.9	282.6	283.7	284.8	366.5	322.0	272.3	216.5	175.9	163.8	144.5
40,0°	245.5	245.1	243.0	238.7	236.2	236.2	373.7	323.7	268.0	211.2	170.4	155.1	135.2
42,5°	214.9	210.7	204.4	197.0	191.8	190.5	378.6	323.0	263.3	203.1	163.2	149.8	125.4
45,0°	183.7	176.9	166.9	157.3	151.0	148.7	381.7	318.8	251.9	188.3	150.8	139.3	115.3
47,5°	156.9	147.3	136.0	125.5	117.8	115.1	378.6	309.5	236.8	171.9	138.0	129.2	106.4
50,0°	133.5	122.3	109.6	99.1	91.7	89.5	372.9	292.9	216.4	154.8	124.1	117.3	95.3
52,5°	114.2	102.2	89.6	80.1	74.0	72.1	366.0	281.0	202.2	143.4	116.8	110.4	86.6
55,0°	97.8	86.0	74.1	66.5	62.0	60.9	364.0	269.3	190.6	134.4	111.2	104.3	80.8
57,5°	85.1	73.0	63.1	57.2	53.6	52.7	364.3	259.3	179.5	127.2	108.0	101.0	76.9
60,0°	74.5	63.5	55.2	50.5	48.1	47.7	359.3	245.3	165.5	119.0	103.8	97.8	75.7
62,5°	64.9	55.1	48.8	45.5	43.8	43.6	352.0	230.6	149.9	108.8	97.3	93.5	74.2
65,0°	57.3	49.3	44.2	41.8	40.6	40.6	342.1	210.6	134.8	99.7	91.4	88.8	71.4
67,5°	49.6	43.5	39.7	38.1	37.2	37.3	328.5	196.1	121.0	89.7	82.8	81.1	66.5
70,0°	43.3	38.7	36.1	35.0	34.6	34.8	315.1	180.9	109.4	80.3	75.2	73.9	60.9
72,5°	37.8	34.4	32.7	31.9	31.6	31.7	288.0	166.6	99.0	71.2	67.1	65.7	54.9
75,0°	33.3	30.8	29.6	29.0	28.7	28.8	255.3	149.4	87.7	62.7	59.7	58.4	49.5
77,5°	29.2	27.5	26.7	26.3	26.0	26.1	209.4	127.3	75.2	53.7	51.2	49.9	42.6
80,0°	25.7	24.6	24.0	23.7	23.3	23.3	163.7	104.4	63.2	44.9	42.9	41.6	36.1
82,5°	23.4	22.5	22.2	21.9	21.6	21.5	125.0	84.7	53.5	38.7	37.0	35.6	31.2
85,0°	21.7	21.2	20.9	20.6	20.2	20.1	91.6	65.9	44.0	32.8	31.1	29.7	26.0
87,5°	20.4	20.0	19.8	19.4	19.0	18.9	66.5	50.5	35.9	27.0	24.8	23.6	21.2
90,0°	17.5	17.6	17.9	17.8	17.6	17.5	16.5	14.6	13.8	13.1	12.4	11.7	10.7
92,5°	16.2	16.5	16.8	16.9	16.8	16.7	13.7	13.4	12.9	12.1	11.5	10.9	9.9
95,0°	15.6	16.0	16.4	16.4	16.3	16.3	13.1	12.8	12.2	11.5	10.9	10.3	9.4
97,5°	15.1	15.5	15.9	15.9	15.8	15.8	12.6	12.2	11.6	11.0	10.4	9.8	8.9
100,0°	14.6	15.0	15.4	15.4	15.3	15.3	12.0	11.7	11.2	10.6	9.9	9.3	8.6
102,5°	14.0	14.5	14.9	15.0	14.9	14.9	11.5	11.2	10.7	10.1	9.5	8.9	8.2
105,0°	13.6	14.1	14.5	14.6	14.5	14.6	11.1	10.8	10.3	9.7	9.1	8.5	7.9
107,5°	13.2	13.7	14.2	14.3	14.1	14.2	10.8	10.4	9.9	9.4	8.8	8.3	7.6
110,0°	12.8	13.4	13.8	13.9	13.9	13.9	10.5	10.1	9.7	9.1	8.6	8.0	7.4
112,5°	12.4	13.0	13.5	13.6	13.5	13.6	10.1	9.8	9.3	8.8	8.2	7.8	7.3

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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°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	0.0	0.0
2,5°	10.7	10.8	10.9	11.0	11.2	11.3	11.5	11.6	11.6	11.7	11.8	0.1	0.1
5,0°	11.1	11.3	11.4	11.5	11.6	11.7	11.8	11.8	11.8	11.8	11.8	0.3	0.4
7,5°	11.9	12.0	12.1	12.2	12.3	12.4	12.4	12.3	12.1	11.9	11.8	0.7	1.2
10,0°	13.7	13.4	13.4	13.4	13.5	13.6	13.5	13.1	12.6	12.4	12.2	2.9	4.0
12,5°	51.3	39.0	31.7	22.1	16.5	15.2	14.7	13.5	12.7	12.2	12.1	6.2	10.2
15,0°	63.6	46.7	45.8	43.8	32.0	22.2	21.5	19.7	17.6	13.6	12.7	11.1	21.3
17,5°	72.8	54.8	45.1	37.0	31.3	27.9	32.1	37.3	35.9	36.6	37.1	16.2	37.5
20,0°	91.4	80.9	58.5	52.4	50.5	36.4	40.5	41.4	42.6	47.2	48.6	21.0	58.5
22,5°	89.6	75.6	62.1	52.8	52.9	39.4	44.1	60.3	54.4	49.8	47.6	25.2	83.7
25,0°	88.0	73.5	60.2	55.2	55.9	46.2	43.9	57.6	59.9	59.9	59.4	28.1	111.8
27,5°	88.3	72.9	61.0	58.5	63.7	56.0	47.8	57.1	59.4	58.2	58.1	31.0	142.7
30,0°	90.6	81.2	71.3	63.4	61.9	54.8	47.5	57.1	57.6	57.0	55.1	33.4	176.2
32,5°	96.6	81.4	74.7	73.8	72.9	60.6	46.5	55.5	57.1	55.5	54.6	35.4	211.5
35,0°	124.2	108.1	90.7	83.6	77.9	60.5	45.7	53.7	54.5	52.3	52.8	37.3	248.8
37,5°	125.6	114.6	99.3	88.8	78.5	64.0	49.4	56.2	57.2	53.8	54.7	39.1	287.9
40,0°	125.4	116.3	100.7	88.2	77.7	61.0	48.8	56.9	59.2	56.8	57.9	39.7	327.6
42,5°	123.4	117.1	101.2	87.1	78.6	63.3	50.6	55.7	57.0	54.4	54.9	40.2	367.8
45,0°	121.0	118.7	103.2	85.9	74.6	58.8	48.4	52.5	53.7	50.5	51.0	40.3	408.0
47,5°	114.5	116.3	102.7	83.4	69.9	54.0	44.8	48.4	49.4	46.8	47.8	40.3	448.3
50,0°	106.7	112.4	101.3	81.0	64.8	49.4	41.9	44.3	45.2	42.7	43.0	40.2	488.5
52,5°	99.9	106.8	96.1	77.8	59.8	44.8	38.7	40.9	41.7	38.8	39.3	40.5	529.0
55,0°	92.8	101.3	92.9	75.4	55.6	41.7	36.3	37.9	38.4	35.5	35.9	41.2	570.2
57,5°	88.4	97.2	88.9	74.1	51.8	39.3	34.1	35.5	35.7	32.6	32.9	42.1	612.3
60,0°	85.7	94.4	85.9	72.3	48.7	36.8	31.8	33.3	33.2	29.9	29.9	42.9	655.1
62,5°	83.9	91.7	81.9	70.3	45.9	34.8	29.8	31.4	31.0	27.4	27.4	43.0	698.2
65,0°	80.2	86.6	77.1	67.8	43.9	32.3	27.5	29.4	28.8	25.3	25.0	42.6	740.7
67,5°	75.6	82.3	74.0	67.3	41.8	30.0	25.4	27.4	26.6	23.0	22.9	41.1	781.8
70,0°	70.9	75.3	66.6	60.2	39.6	27.6	23.3	25.3	24.3	21.1	20.8	38.4	820.2
72,5°	64.5	66.2	58.1	54.5	36.5	25.1	21.1	22.9	22.0	18.9	18.8	34.2	854.4
75,0°	56.9	56.2	48.5	45.7	31.7	22.3	18.9	20.6	19.8	16.9	16.7	29.2	883.6
77,5°	47.5	45.7	39.3	37.5	26.8	19.5	16.6	18.0	17.2	14.7	14.7	23.4	907.0
80,0°	38.2	35.6	30.5	29.4	22.0	16.7	14.6	15.6	14.7	12.4	12.3	18.2	925.2
82,5°	31.4	28.3	24.3	23.9	18.9	14.7	13.0	13.7	12.7	10.7	10.6	14.1	939.3
85,0°	25.0	22.3	19.4	19.5	16.2	12.9	11.4	11.9	11.0	9.1	9.0	11.0	950.3
87,5°	18.8	16.0	13.8	14.4	12.0	10.6	10.1	10.5	9.7	8.0	8.0	8.4	958.7
90,0°	8.9	7.6	6.6	8.0	8.5	8.2	8.2	8.2	7.5	6.1	6.1	3.6	962.3
92,5°	8.3	7.0	5.8	6.8	7.4	7.3	7.2	7.3	6.8	5.6	5.7	3.3	965.6
95,0°	8.0	6.9	5.6	6.4	6.8	6.7	6.6	6.8	6.4	5.4	5.5	3.2	968.8
97,5°	7.8	6.7	5.5	6.0	6.4	6.3	6.2	6.4	6.1	5.3	5.4	3.0	971.8
100,0°	7.5	6.6	5.5	5.7	6.0	5.9	5.9	6.0	5.7	5.2	5.3	2.9	974.7
102,5°	7.4	6.4	5.4	5.5	5.7	5.6	5.6	5.8	5.5	5.1	5.2	2.8	977.5
105,0°	7.2	6.3	5.4	5.3	5.5	5.4	5.4	5.6	5.4	5.1	5.1	2.6	980.1
107,5°	7.0	6.2	5.3	5.1	5.2	5.2	5.2	5.4	5.3	5.0	5.1	2.5	982.7
110,0°	6.8	6.1	5.4	5.0	5.1	5.1	5.1	5.3	5.2	5.0	5.1	2.4	985.1
112,5°	6.7	6.0	5.3	4.9	4.9	4.9	4.9	5.1	5.1	5.0	5.1	2.3	987.4

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275FF14H + 5XA54000XS EAN: 4058352636152 + 4050737730073	LP number 59287_18
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°	10.1	10.4	10.9	10.9	10.6	10.3	10.1	10.0	10.1	10.3	10.6	11.0	11.5
117,5°	9.6	10.0	10.3	10.5	10.1	9.8	9.7	9.6	9.8	10.1	10.3	10.7	11.1
120,0°	9.1	9.4	9.7	9.9	9.5	9.3	9.2	9.2	9.4	9.7	10.0	10.3	10.7
122,5°	8.0	8.4	8.7	8.8	8.4	8.2	8.3	8.4	8.6	8.8	9.1	9.4	9.7
125,0°	6.4	6.5	6.8	6.9	6.6	6.5	6.6	6.7	6.9	7.0	7.3	7.5	7.8
127,5°	4.3	4.5	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.7	4.9	5.0	5.2
130,0°	3.0	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	3.0	3.0	3.1
132,5°	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.6
135,0°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.1
137,5°	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6
140,0°	1.8	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1
142,5°	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8
145,0°	1.3	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.7
147,5°	1.1	1.2	1.2	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8
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: 5XA5275FF14H + 5XA54000XS EAN: 4058352636152 + 4050737730073	LP number 59287_18
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°	12.1	12.6	13.1	13.2	13.2	13.2	9.8	9.4	9.0	8.5	8.0	7.5	7.0
117,5°	11.6	12.2	12.7	12.8	12.8	12.9	9.3	8.9	8.5	8.0	7.6	7.1	6.7
120,0°	11.1	11.7	12.1	12.3	12.3	12.4	8.7	8.4	8.0	7.6	7.1	6.8	6.4
122,5°	10.1	10.6	11.1	11.2	11.3	11.3	7.8	7.5	7.1	6.7	6.3	6.0	5.7
125,0°	8.1	8.5	8.9	9.1	9.1	9.1	6.0	5.8	5.5	5.2	5.0	4.7	4.5
127,5°	5.4	5.6	5.8	5.9	6.0	6.0	4.2	4.0	3.8	3.7	3.6	3.4	3.3
130,0°	3.1	3.1	3.3	3.3	3.4	3.3	2.9	2.9	2.9	2.8	2.7	2.7	2.7
132,5°	2.6	2.6	2.7	2.8	2.8	2.8	2.6	2.6	2.5	2.5	2.5	2.6	2.5
135,0°	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.5	2.4	2.3	2.2
137,5°	1.6	1.6	1.6	1.6	1.7	1.7	1.9	2.2	2.2	2.2	2.1	2.0	1.9
140,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.9	1.9	1.9	1.7	1.6	1.5	1.4
142,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.5	1.5	1.4	1.3	1.3	1.2	1.2
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	1.3	1.2	1.2	1.2	1.1	1.2	1.2
147,5°	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.1	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: 5XA5275FF14H + 5XA54000XS EAN: 4058352636152 + 4050737730073	LP number 59287_18
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°	6.5	5.9	5.3	4.8	4.7	4.6	4.7	4.9	4.9	4.9	5.0	2.2	989.6
117,5°	6.2	5.6	5.0	4.5	4.3	4.3	4.3	4.5	4.5	4.6	4.7	2.1	991.7
120,0°	5.9	5.4	4.8	4.4	4.0	3.9	3.9	4.1	4.2	4.3	4.4	1.9	993.6
122,5°	5.3	4.9	4.5	4.0	3.7	3.4	3.4	3.6	3.7	3.8	3.9	1.7	995.3
125,0°	4.2	3.9	3.6	3.3	3.0	2.8	2.7	2.8	2.9	3.0	3.1	1.3	996.6
127,5°	3.1	3.0	2.8	2.5	2.4	2.3	2.2	2.2	2.3	2.4	2.4	0.9	997.5
130,0°	2.7	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.9	2.0	2.0	0.6	998.1
132,5°	2.4	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.8	1.8	1.9	0.5	998.5
135,0°	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.7	0.4	998.9
137,5°	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.4	1.3	1.4	0.3	999.3
140,0°	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.2	0.2	999.5
142,5°	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
145,0°	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.2	999.9
147,5°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	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: 5XA5275FF14H + 5XA54000XS EAN: 4058352636152 + 4050737730073	LP number 59287_18
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	1370	10.5	10.8	10.6
95	241	252	1300	10.0	10.3	10.2
90	229	250	1235	9.4	9.8	9.6
85	216	248	1165	8.9	9.2	9.0
80	203	246	1095	8.3	8.7	8.5
75	190	243	1025	7.8	8.1	8.0
70	178	241	960	7.3	7.6	7.4
65	165	238	890	6.9	7.1	7.0
60	152	235	820	6.4	6.6	6.5
55	140	232	755	5.9	6.1	6.0
50	127	229	685	5.4	5.6	5.5
45	114	225	615	5.0	5.2	5.1
40	102	221	550	4.6	4.7	4.6
35	89	216	480	4.1	4.3	4.2
30	76	210	410	3.7	3.8	3.8
28	72	208	388	3.5	3.7	3.6