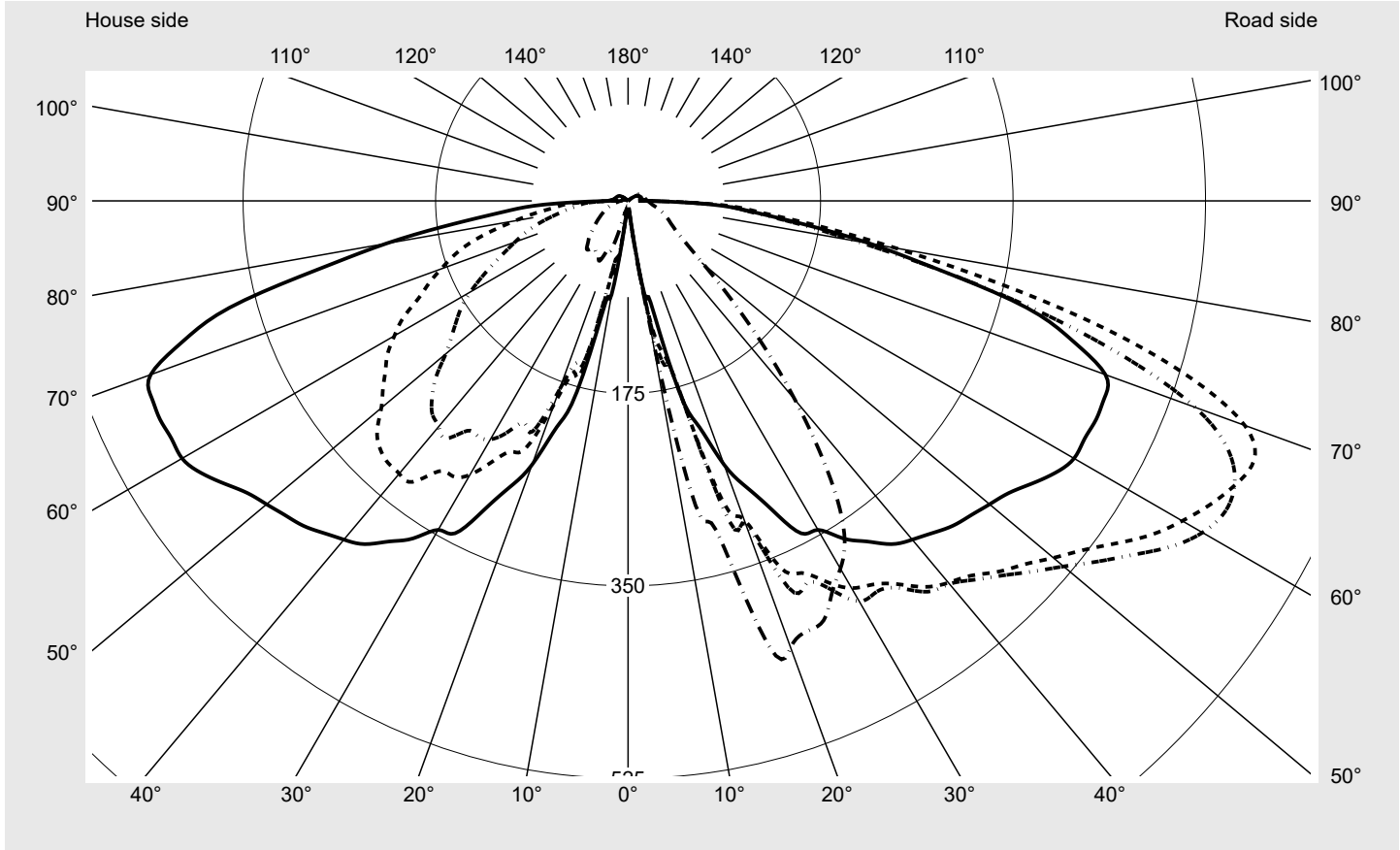


Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
	Version post-top- or mounting to wall arm, spreader element, structured 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 = 1370 lm Power consumption = 12.9 W Luminous efficacy = 106.2 lm/W	serial documentation 07.07.2022
		

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

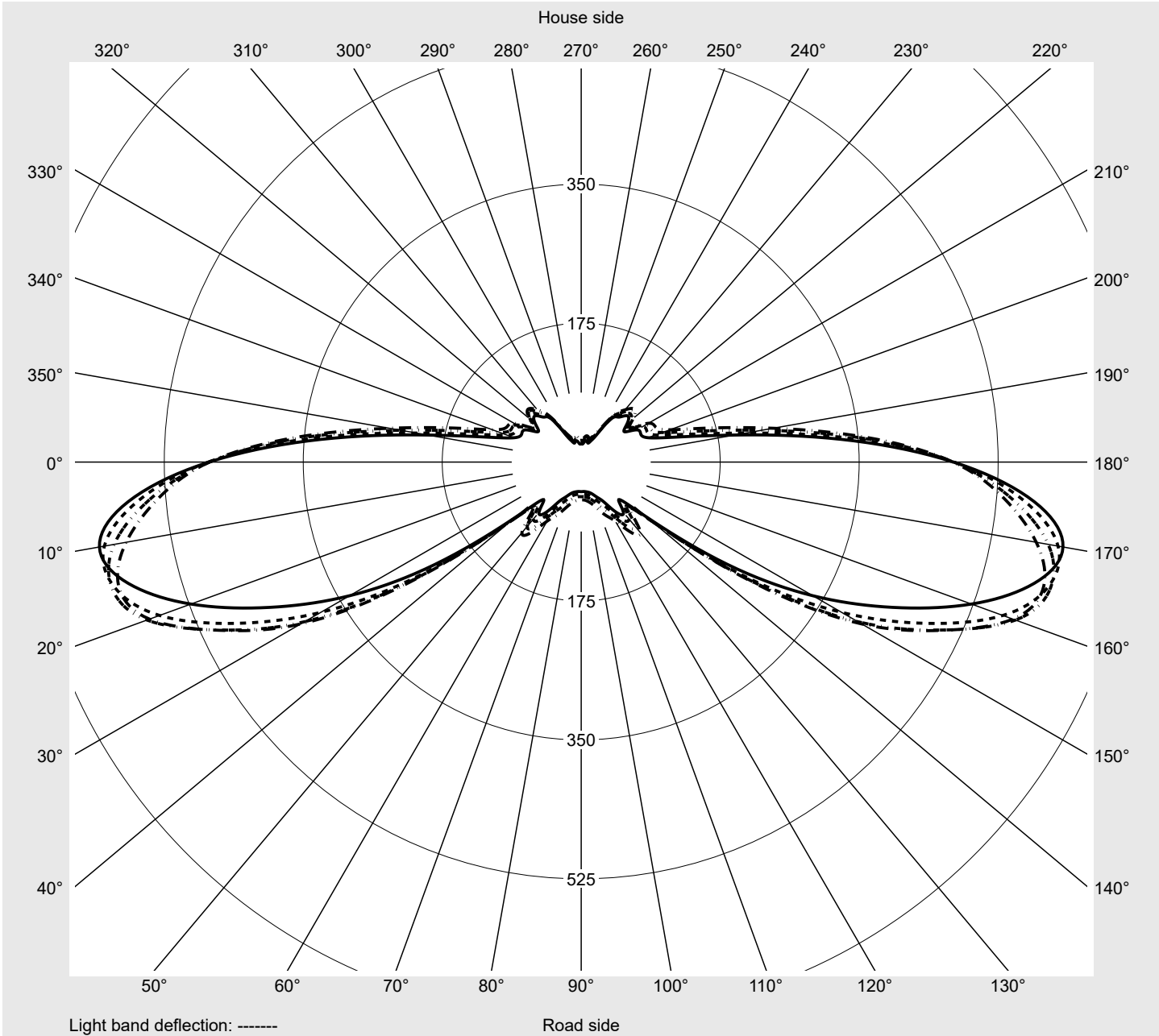
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
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

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
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

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
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: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
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: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
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: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
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: 5XA5275BF14H + 5XA54000XS EAN: 4058352835166 + 4050737730073	LP number 59287_17
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Dimming levels table	environmental temperature: 25°C	siteco
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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	12.9	13.3	13.1
95	241	252	1300	12.2	12.6	12.4
90	229	250	1235	11.5	11.9	11.7
85	216	248	1165	10.7	11.1	10.9
80	203	246	1095	10.1	10.5	10.3
75	190	243	1025	9.4	9.8	9.6
70	178	241	960	8.9	9.1	9.0
65	165	238	890	8.2	8.4	8.3
60	152	235	820	7.6	7.8	7.7
55	140	232	755	7.0	7.2	7.1
50	127	229	685	6.4	6.6	6.5
45	114	225	615	5.8	6.0	5.9
40	102	221	550	5.3	5.4	5.4
35	89	216	480	4.8	4.9	4.8
30	76	210	410	4.3	4.3	4.3
25	63	203	340	3.7	3.8	3.8
24	60	201	324	3.5	3.7	3.6