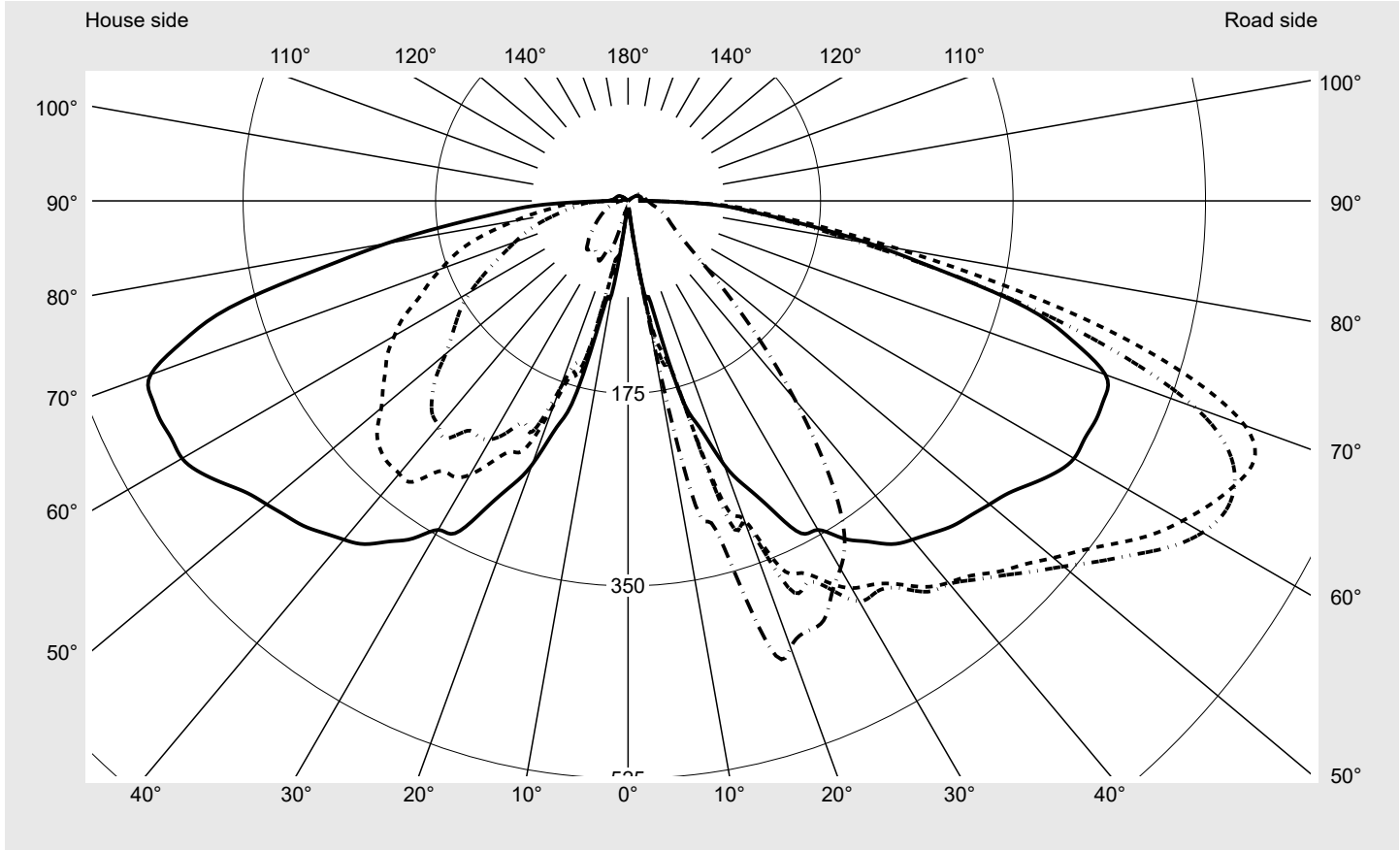


# Photometric test report

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275NF14H + 5XA54000XS</b> <b>EAN: 4058352835371 + 4050737730073</b>	<b>LP number</b> <b>59287_22</b>
	<b>Version</b> post-top- or mounting to wall arm, spreader element, structured <b>Optic</b> asymmetric, extremely wide distribution (P1.0a) <b>Cover</b> cover transparent, PMMA <b>Lamps</b> LED 2700 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 1370 lm Power consumption = 11.8 W Luminous efficacy = 116.1 lm/W	<b>serial documentation</b> <b>04.11.2022</b>
		

**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**

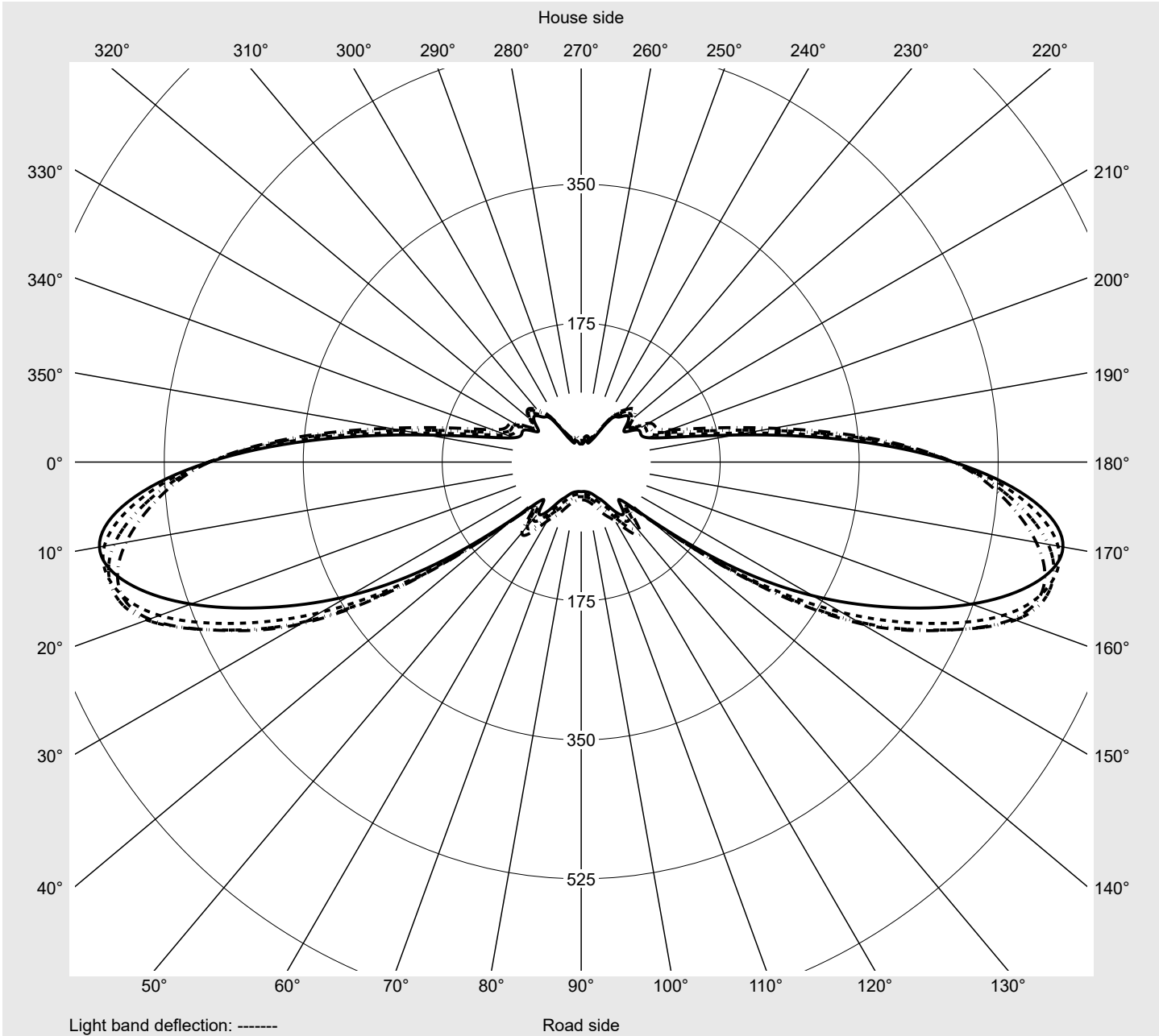
Class:	---
Imax 70°	596.6
Imax 80°	248.1
Imax 90°	17.9
Imax >90°	16.9
Imax >95°	15.9

**Measurement conditions**  
DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> CITY-LIGHT PLUS LED	<b>Order number:</b> 5XA5275NF14H + 5XA54000XS <b>EAN:</b> 4058352835371 + 4050737730073	<b>LP number</b> 59287_22
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**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**      **siteco**



## Photometric test report

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275NF14H + 5XA54000XS</b> <b>EAN: 4058352835371 + 4050737730073</b>	<b>LP number</b> <b>59287_22</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

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°
$\gamma$	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

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275NF14H + 5XA54000XS</b> <b>EAN: 4058352835371 + 4050737730073</b>	<b>LP number</b> <b>59287_22</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

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°
$\gamma$	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

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275NF14H + 5XA54000XS</b> <b>EAN: 4058352835371 + 4050737730073</b>	<b>LP number</b> <b>59287_22</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275NF14H + 5XA54000XS</b> <b>EAN: 4058352835371 + 4050737730073</b>	<b>LP number</b> <b>59287_22</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275NF14H + 5XA54000XS</b> <b>EAN: 4058352835371 + 4050737730073</b>	<b>LP number</b> <b>59287_22</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°
$\gamma$	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

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275NF14H + 5XA54000XS</b> <b>EAN: 4058352835371 + 4050737730073</b>	<b>LP number</b> <b>59287_22</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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
$\gamma$	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

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275NF14H + 5XA54000XS</b> <b>EAN: 4058352835371 + 4050737730073</b>	<b>LP number</b> <b>59287_22</b>
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	11.8	12.1	12.0
95	241	252	1300	11.1	11.4	11.2
90	229	250	1235	10.6	10.8	10.7
85	216	248	1165	9.9	10.2	10.0
80	203	246	1095	9.3	9.6	9.4
75	190	243	1025	8.7	9.0	8.8
70	178	241	960	8.2	8.4	8.3
65	165	238	890	7.6	7.7	7.6
60	152	235	820	7.0	7.2	7.1
55	140	232	755	6.5	6.6	6.6
50	127	229	685	6.0	6.1	6.0
45	114	225	615	5.4	5.6	5.5
40	102	221	550	5.0	5.1	5.0
35	89	216	480	4.5	4.6	4.6
30	76	210	410	4.0	4.0	4.0
26	65	204	351	3.6	3.7	3.6