

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275EF14HP**
EAN: **4058352835210**

LP number
58710_18



Version post-top- or mounting to wall arm
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 = 4510 lm
Power consumption = 33.6 W
Luminous efficacy = 134.2 lm/W

serial
documentation
24.05.2022

siteco

Luminous intensity in cd/klm

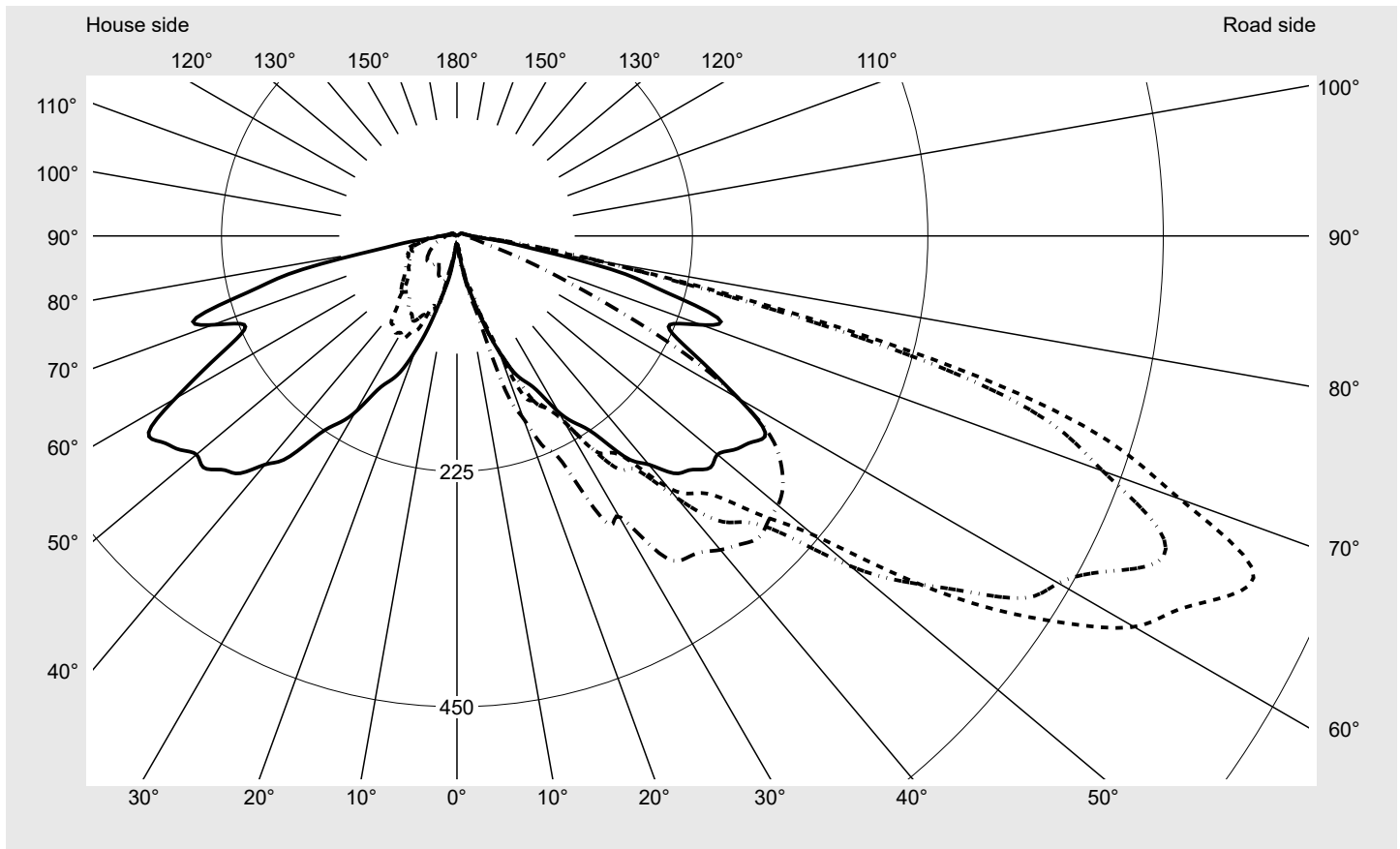
C180-0

C205-25

C210-30

C270-90

Imax: 821 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	97.3%
Eta 90° - 180°	2.7%

Luminous intensity class acc. to EN13201-2

Class:	G1
Imax 70°	735.4
Imax 80°	151.9
Imax 90°	15.0
Imax >90°	13.0
Imax >95°	9.8

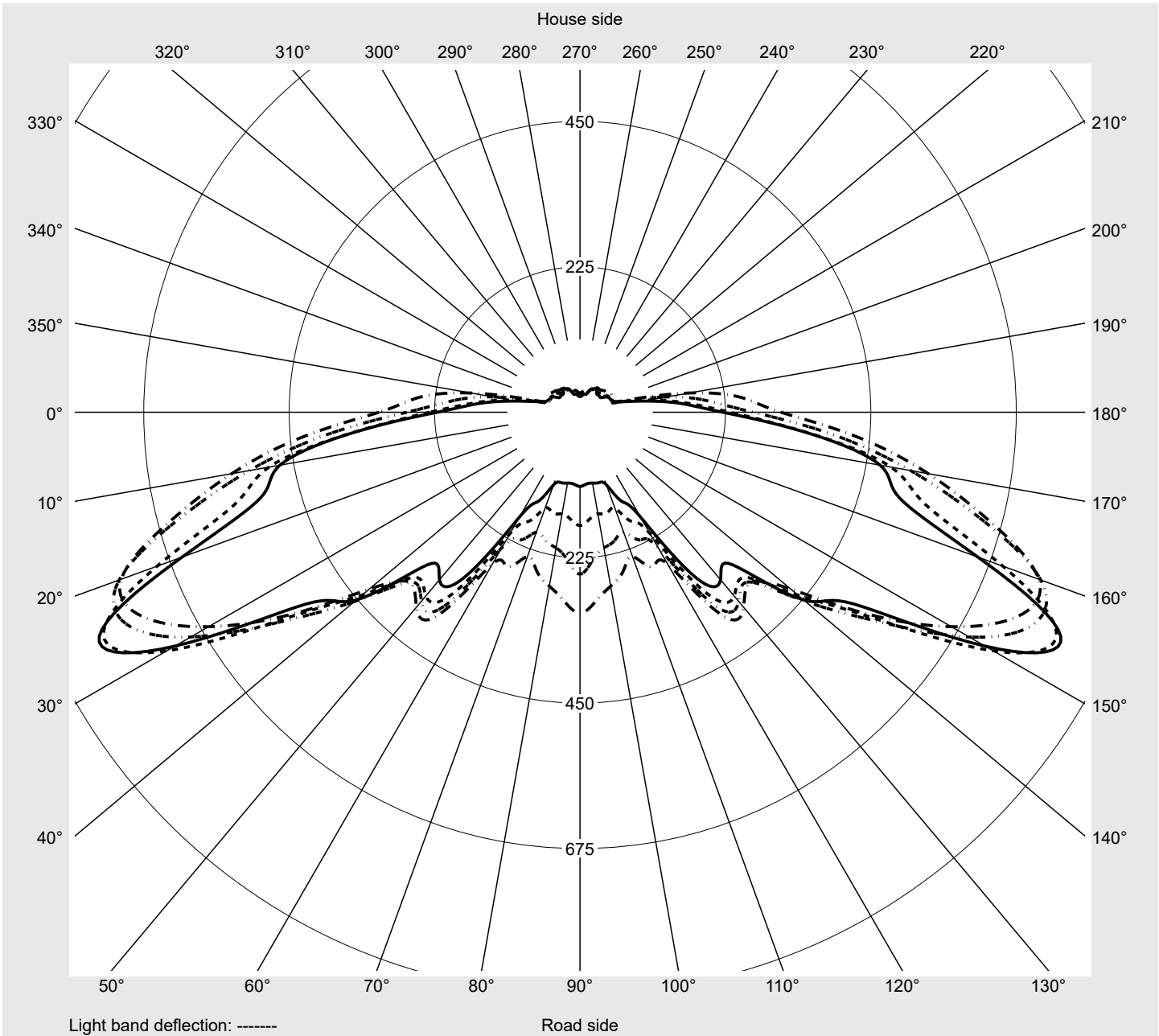
Measurement conditions

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°**



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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°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
2,5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.5	8.3	8.7	8.7	8.7
5,0°	9.1	9.3	9.6	10.0	10.2	10.2	10.0	10.0	10.4	10.9	11.5	12.2	12.6
7,5°	17.2	17.8	17.0	15.4	13.9	12.6	11.7	12.0	12.8	14.1	16.1	18.0	19.3
10,0°	36.3	35.0	33.0	31.5	28.5	24.3	20.4	21.1	26.1	30.0	33.9	33.7	31.7
12,5°	50.9	59.1	52.6	50.9	51.1	51.7	53.7	53.7	54.3	53.9	55.6	52.2	50.0
15,0°	68.5	60.0	65.9	75.0	74.8	66.7	54.8	53.7	57.6	63.7	76.1	75.6	78.5
17,5°	93.9	100.4	103.7	98.9	101.1	86.1	92.4	102.6	84.6	111.5	101.1	94.6	100.4
20,0°	117.6	135.6	145.6	141.1	137.4	117.2	117.2	110.2	92.8	107.4	130.0	144.3	142.2
22,5°	140.0	151.3	166.3	169.8	182.6	163.9	142.4	144.1	107.2	130.0	140.4	147.4	153.2
25,0°	153.2	172.8	162.8	175.2	172.4	173.7	174.6	170.0	125.0	141.7	148.2	158.2	175.9
27,5°	167.4	187.8	198.9	195.4	196.5	185.9	185.6	192.2	158.2	179.3	171.3	166.7	185.4
30,0°	194.5	218.9	235.6	232.4	220.9	204.5	205.6	198.5	166.3	208.2	195.9	184.8	204.5
32,5°	212.8	221.7	231.1	245.0	246.3	242.2	241.7	220.6	171.1	221.9	245.0	223.0	218.7
35,0°	232.6	258.0	260.6	255.6	259.3	253.0	273.0	244.1	190.4	245.2	254.5	264.1	252.2
37,5°	268.2	293.0	298.0	282.8	290.0	270.4	281.5	276.5	224.1	272.4	275.4	301.1	278.0
40,0°	285.2	291.3	306.9	307.6	316.7	314.1	326.5	289.8	234.5	314.3	300.4	305.8	295.4
42,5°	307.8	300.0	319.1	326.1	325.2	333.7	368.9	328.0	247.8	331.5	328.5	317.4	304.3
45,0°	316.1	320.8	353.0	367.8	360.6	352.1	386.7	359.3	281.7	343.7	354.3	339.1	310.0
47,5°	328.0	340.4	402.1	427.4	413.4	395.8	420.2	388.4	314.1	356.1	369.5	363.7	313.5
50,0°	325.0	367.1	451.9	470.0	478.0	444.5	491.0	433.4	323.2	361.9	388.4	376.3	313.2
52,5°	335.2	371.7	460.0	505.4	543.0	533.9	543.9	481.5	351.3	370.0	393.9	394.1	308.5
55,0°	343.7	396.9	473.4	555.8	606.3	619.3	591.9	505.8	375.8	372.4	399.3	404.1	306.7
57,5°	349.3	426.5	520.0	614.7	703.2	688.4	643.9	520.2	404.7	375.2	396.9	401.5	297.4
60,0°	310.8	428.4	547.1	658.6	755.4	747.3	663.6	545.0	425.6	372.4	393.7	383.7	271.1
62,5°	268.0	391.7	519.5	644.7	758.8	774.9	695.4	565.2	455.4	371.3	381.5	366.3	242.2
65,0°	232.4	349.5	488.7	554.1	696.2	813.6	738.2	555.6	440.0	361.3	371.1	342.1	216.5
67,5°	220.9	348.2	471.5	511.7	655.2	820.8	723.6	517.1	451.9	333.7	338.2	311.9	186.9
70,0°	248.5	366.7	464.7	511.5	618.6	735.4	656.7	474.5	396.7	298.5	309.1	281.1	156.9
72,5°	261.9	374.1	438.7	498.9	601.0	654.1	595.6	413.4	333.2	233.9	238.5	225.4	128.0
75,0°	205.2	325.2	385.0	425.0	508.0	508.0	465.6	296.1	222.8	151.5	194.8	204.3	113.7
77,5°	158.7	226.3	250.0	286.1	318.2	293.7	264.8	175.9	124.6	98.7	146.9	165.2	98.9
80,0°	83.5	95.2	118.5	151.9	144.1	133.7	140.6	108.5	85.4	57.8	59.6	68.0	46.5
82,5°	50.4	57.2	62.8	88.0	72.8	55.2	73.3	67.2	60.0	39.3	28.7	22.8	18.0
85,0°	25.0	26.5	28.9	33.5	26.7	28.7	35.4	32.4	27.6	19.3	12.4	13.7	12.6
87,5°	19.3	18.0	18.9	19.3	18.3	19.1	21.1	17.8	15.4	11.7	9.8	11.3	11.3
90,0°	14.1	13.5	14.3	14.1	13.7	12.8	12.4	11.3	10.0	8.9	7.8	9.8	10.0
92,5°	12.6	12.2	12.6	12.6	12.0	11.5	11.1	10.2	9.1	8.0	7.2	9.1	9.3
95,0°	10.7	10.4	10.9	10.7	10.2	9.8	9.6	8.9	8.3	7.4	6.7	8.0	8.5
97,5°	9.3	9.3	9.8	9.8	9.3	8.9	8.5	8.3	7.4	6.7	6.5	7.4	8.0
100,0°	8.7	8.5	8.9	8.7	8.3	8.0	7.8	7.4	7.0	6.5	6.3	7.0	7.4
102,5°	7.8	8.0	8.0	8.0	7.6	7.6	7.4	7.0	6.5	6.1	5.9	6.5	7.0
105,0°	7.4	7.2	7.6	7.4	7.2	7.0	6.7	6.5	6.1	6.1	5.7	6.3	6.7
107,5°	6.7	7.0	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.7	6.1	6.5
110,0°	6.3	6.3	6.5	6.5	6.3	6.1	5.9	5.7	5.7	5.7	5.4	5.7	6.1
112,5°	6.1	6.1	6.3	6.3	5.9	5.7	5.7	5.4	5.4	5.2	5.2	5.7	5.7

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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°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
2,5°	8.7	8.9	8.9	9.1	9.1	9.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0
5,0°	13.0	13.5	13.7	13.9	13.9	14.3	9.1	9.1	8.9	8.9	8.7	8.7	8.7
7,5°	20.9	23.0	23.9	26.5	30.0	30.0	16.5	15.2	13.7	12.8	12.6	12.4	12.2
10,0°	34.3	36.5	33.3	34.1	37.0	37.8	38.7	39.3	40.6	38.3	33.5	34.1	30.2
12,5°	50.6	51.3	61.1	64.3	62.4	60.4	53.0	43.7	37.2	37.2	39.8	47.8	49.6
15,0°	80.2	84.1	88.7	89.8	88.9	85.6	80.6	78.7	67.4	60.2	71.1	69.3	63.3
17,5°	101.1	112.8	118.5	139.1	154.6	156.5	91.3	96.3	73.7	64.6	70.9	73.3	66.1
20,0°	133.0	137.6	156.7	172.2	178.0	185.6	123.3	130.2	97.6	71.7	76.1	83.3	73.7
22,5°	161.9	162.2	191.1	197.4	215.4	219.5	131.3	127.2	99.6	85.0	96.3	81.5	79.8
25,0°	189.8	183.0	216.1	227.6	240.0	239.1	152.2	127.2	104.1	84.8	100.2	87.2	72.6
27,5°	217.6	200.2	250.0	265.0	285.4	309.1	166.3	147.2	98.9	83.7	110.6	91.1	71.3
30,0°	248.5	240.6	281.3	283.7	291.1	309.5	188.2	163.9	108.0	81.7	107.2	86.3	64.6
32,5°	264.1	255.8	312.1	309.1	331.3	359.1	198.2	171.1	100.9	83.3	109.6	86.3	66.1
35,0°	295.8	285.4	330.4	329.8	344.5	377.4	224.8	189.1	107.4	88.7	105.0	80.6	68.9
37,5°	310.4	299.5	341.1	341.3	354.8	381.3	246.3	208.5	110.0	90.6	103.0	74.6	71.5
40,0°	328.9	310.8	350.0	352.4	362.4	391.7	261.5	219.1	119.6	92.8	89.3	70.4	73.3
42,5°	353.0	318.5	356.7	363.9	374.3	400.0	294.5	230.6	124.6	91.9	82.2	72.6	76.7
45,0°	364.1	324.1	366.5	372.8	380.0	407.8	319.3	246.9	128.0	86.5	71.5	74.6	78.3
47,5°	366.9	323.2	367.8	374.1	380.8	403.4	323.7	246.1	125.9	76.5	65.0	71.7	75.4
50,0°	355.2	316.1	362.6	372.4	379.8	400.4	324.5	241.9	124.1	67.0	61.1	67.6	69.8
52,5°	339.1	300.2	351.3	364.1	373.2	392.6	323.2	238.0	116.1	58.0	58.0	63.5	65.0
55,0°	318.5	283.0	331.1	345.2	359.5	377.8	327.1	235.4	106.5	57.2	56.1	60.9	60.4
57,5°	293.2	264.3	299.1	316.3	334.1	354.8	304.3	207.8	84.6	55.2	54.8	57.8	56.3
60,0°	263.7	237.6	255.8	273.2	292.1	310.8	253.2	171.5	68.5	53.0	51.5	55.6	53.0
62,5°	218.0	197.4	205.9	213.0	228.9	250.4	199.5	136.7	58.3	50.6	49.3	51.5	47.2
65,0°	185.9	158.0	161.5	159.6	166.3	175.2	164.8	109.1	59.3	50.6	49.8	50.0	43.0
67,5°	151.7	119.6	112.8	111.3	111.5	114.8	156.5	99.3	62.8	53.3	50.6	47.4	39.3
70,0°	125.4	96.7	72.8	69.6	68.9	74.3	171.3	104.3	66.1	52.2	49.3	45.4	37.0
72,5°	93.0	75.9	49.6	43.7	41.1	43.5	166.9	103.0	63.0	51.5	51.5	45.4	34.1
75,0°	71.1	48.7	35.2	29.8	26.7	27.4	109.1	79.6	57.8	47.8	49.6	45.0	32.8
77,5°	52.0	31.1	25.4	22.2	20.4	20.9	86.5	63.0	52.0	45.0	44.6	40.6	31.3
80,0°	27.0	18.9	17.8	17.0	16.5	16.5	59.3	51.7	45.0	40.4	38.0	34.8	28.3
82,5°	15.7	14.1	13.7	13.5	13.0	13.0	39.8	38.9	37.4	33.9	32.6	30.2	24.8
85,0°	12.2	12.0	12.0	11.7	11.3	11.7	24.3	27.0	30.4	31.1	28.5	25.9	22.0
87,5°	11.1	11.1	11.1	10.9	10.4	10.4	20.2	22.6	23.9	23.0	21.7	20.9	18.7
90,0°	10.0	10.0	10.0	10.0	9.1	9.1	14.3	14.8	15.0	14.8	14.6	14.6	13.7
92,5°	9.3	9.3	9.6	9.1	8.9	8.7	12.6	13.0	13.0	13.0	12.8	12.8	12.2
95,0°	8.7	8.7	8.7	8.7	8.3	8.3	10.7	11.1	11.1	10.7	10.7	10.2	9.8
97,5°	8.3	8.3	8.3	8.3	8.0	7.8	9.3	9.6	9.3	9.3	8.9	8.9	8.5
100,0°	7.6	7.8	7.8	7.8	7.8	7.8	8.5	8.5	8.5	8.3	7.8	7.6	7.2
102,5°	7.4	7.4	7.4	7.4	7.4	7.4	7.8	7.8	7.6	7.4	7.2	7.0	6.5
105,0°	7.0	7.0	7.2	7.0	7.0	7.0	7.2	7.2	7.0	6.7	6.5	6.1	5.9
107,5°	6.5	7.0	7.0	7.0	7.0	6.5	6.7	6.7	6.5	6.3	6.1	5.7	5.4
110,0°	6.3	6.5	6.5	7.0	6.5	5.7	6.3	6.1	6.1	5.9	5.7	5.4	5.2
112,5°	6.1	6.1	6.5	6.5	5.9	3.9	5.9	5.9	5.7	5.4	5.2	5.2	4.8

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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°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	0.0	0.0
2,5°	8.3	8.3	8.3	8.5	8.5	8.5	8.7	8.5	8.5	8.5	8.7	0.1	0.1
5,0°	8.7	8.9	8.9	8.9	8.9	9.1	9.1	9.1	8.9	8.9	8.7	0.2	0.4
7,5°	11.3	11.3	11.3	11.5	10.9	10.9	10.9	10.9	10.7	10.7	10.4	0.5	0.9
10,0°	25.2	20.4	18.3	16.7	19.1	21.3	21.7	21.3	20.4	20.7	21.3	1.4	2.3
12,5°	41.5	27.6	17.4	17.8	23.5	28.0	30.7	30.2	31.7	34.8	36.1	2.7	5.0
15,0°	60.6	48.9	37.4	38.9	42.4	40.2	38.9	37.8	39.1	40.6	43.5	4.5	9.5
17,5°	63.9	50.4	33.3	34.3	44.3	48.3	43.5	43.7	44.3	45.4	45.6	6.8	16.3
20,0°	63.0	50.2	41.3	43.0	48.0	45.6	38.7	38.9	43.5	45.0	45.2	9.5	25.8
22,5°	63.5	44.1	38.7	40.9	44.6	43.5	38.7	37.6	40.6	41.7	42.6	12.0	37.8
25,0°	55.9	40.6	36.5	38.5	41.7	40.4	36.7	35.6	38.9	40.4	41.3	14.3	52.1
27,5°	52.0	40.0	36.5	37.2	39.3	39.1	38.3	37.0	37.6	36.7	37.4	17.3	69.4
30,0°	50.0	42.4	38.7	38.3	38.5	36.5	35.0	35.6	35.6	34.6	34.3	20.5	89.9
32,5°	55.9	46.5	38.3	37.6	38.7	38.7	36.1	35.9	33.3	32.6	32.2	23.8	113.7
35,0°	65.9	54.6	46.5	44.1	43.3	40.2	34.8	35.6	32.0	30.9	30.0	27.6	141.3
37,5°	70.2	58.9	51.1	48.9	45.4	40.2	35.2	37.6	34.6	32.8	31.7	31.6	172.9
40,0°	70.4	58.9	51.3	49.1	45.2	40.4	37.2	40.9	38.7	37.0	36.1	35.3	208.2
42,5°	72.8	59.8	52.4	49.8	45.2	41.1	37.0	40.9	39.1	37.8	37.0	39.0	247.1
45,0°	74.1	61.5	54.3	50.9	44.8	42.4	38.0	41.3	39.1	37.4	36.5	42.9	290.0
47,5°	72.6	60.4	53.9	52.0	44.1	43.5	38.9	41.5	39.1	37.4	36.5	46.8	336.8
50,0°	67.6	58.3	52.4	50.6	42.8	43.0	40.0	41.7	39.8	37.4	37.0	50.5	387.3
52,5°	64.3	56.1	51.1	50.0	42.2	42.0	38.7	40.4	38.9	36.1	35.6	53.9	441.2
55,0°	59.8	53.7	49.8	48.7	41.3	40.2	37.6	38.3	38.0	35.2	34.3	57.0	498.2
57,5°	55.9	51.3	47.6	46.5	40.6	38.9	35.0	36.3	35.9	32.6	32.2	59.6	557.8
60,0°	50.9	48.0	46.3	46.1	39.8	37.6	33.5	34.3	34.1	30.9	30.4	60.0	617.9
62,5°	45.6	42.6	42.2	45.4	40.6	37.8	31.3	32.4	31.7	28.3	28.3	58.1	676.0
65,0°	42.0	40.4	40.2	45.2	42.2	38.7	31.5	30.4	29.8	26.7	26.1	55.1	731.1
67,5°	39.1	38.3	39.8	44.1	41.7	39.1	30.4	28.9	27.6	25.0	24.3	52.3	783.4
70,0°	35.4	34.3	38.0	43.0	40.6	35.2	29.8	27.0	25.7	23.5	22.6	49.1	832.5
72,5°	30.4	32.0	34.6	39.6	38.9	31.7	28.5	25.7	23.5	21.5	20.9	44.7	877.2
75,0°	28.3	28.7	29.1	32.8	31.3	27.6	25.0	24.1	21.5	19.3	18.3	36.3	913.4
77,5°	24.8	23.9	24.8	26.7	24.3	22.0	20.9	20.7	19.3	17.4	16.5	25.0	938.4
80,0°	21.3	18.0	18.7	21.7	21.3	20.2	19.3	18.7	17.2	15.9	14.3	14.2	952.7
82,5°	17.8	15.0	16.3	19.1	18.7	18.9	18.3	17.6	16.1	14.8	13.0	9.0	961.6
85,0°	15.2	12.2	13.7	16.7	16.7	17.4	16.5	16.3	15.2	13.7	11.7	5.6	967.2
87,5°	13.3	10.4	12.2	15.2	15.2	15.4	15.2	15.2	14.1	13.0	11.3	4.3	971.5
90,0°	10.0	8.3	10.2	13.5	13.9	13.9	13.9	13.9	13.3	12.2	10.4	3.3	974.9
92,5°	9.1	7.4	9.1	11.7	12.2	12.0	12.0	12.2	11.3	10.7	9.1	3.0	977.8
95,0°	7.8	6.5	7.4	9.1	9.6	9.6	9.6	9.6	9.1	8.5	7.4	2.5	980.3
97,5°	6.7	6.1	6.3	7.6	7.8	7.8	7.8	7.8	7.4	7.0	6.1	2.2	982.6
100,0°	6.3	5.7	5.4	6.3	6.7	6.5	6.5	6.5	6.3	6.1	5.7	2.0	984.5
102,5°	5.7	5.2	5.0	5.7	6.1	6.1	5.9	5.9	5.7	5.2	5.2	1.8	986.4
105,0°	5.4	5.0	4.8	5.2	5.2	5.2	5.2	5.2	5.2	4.8	4.3	1.7	988.0
107,5°	5.2	4.8	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.3	3.9	1.6	989.6
110,0°	4.8	4.6	4.3	4.3	4.3	4.3	4.3	4.6	4.3	4.1	3.5	1.4	991.0
112,5°	4.8	4.3	4.3	4.1	4.3	4.1	4.3	4.3	4.3	3.5	2.6	1.3	992.3

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275EF14HP EAN: 4058352835210	LP number 58710_18
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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°	5.9	5.9	5.9	5.9	5.7	5.4	5.4	5.2	5.2	5.2	5.2	5.4	5.7
117,5°	5.4	5.7	5.7	5.7	5.4	5.2	5.2	5.0	5.0	5.0	5.2	5.2	5.4
120,0°	5.2	5.2	5.4	5.2	5.0	5.0	4.8	4.8	4.8	4.8	4.8	5.0	5.2
122,5°	4.8	4.8	5.0	5.0	4.6	4.3	4.3	4.3	4.3	4.6	4.3	4.6	4.8
125,0°	4.3	4.3	4.6	4.3	3.7	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7
127,5°	2.8	2.8	2.8	2.8	2.8	2.8	2.4	2.4	2.4	2.4	2.4	2.4	2.6
130,0°	2.2	2.2	2.2	2.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
132,5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.3
135,0°	1.7	1.7	1.7	1.7	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
137,5°	1.3	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.9	0.9
140,0°	1.3	1.3	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
142,5°	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.4	0.4
145,0°	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.4
147,5°	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.4	0.4	0.4
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
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
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 EAN: 4058352835210	LP number 58710_18
		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°	5.7	6.1	6.1	6.3	5.0	2.2	5.7	5.7	5.4	5.2	5.2	4.8	4.8
117,5°	5.7	5.7	6.1	6.1	4.6	2.2	5.4	5.2	5.2	5.0	4.8	4.8	4.3
120,0°	5.2	5.7	5.7	5.7	4.1	2.2	5.2	5.0	4.8	4.8	4.6	4.3	4.3
122,5°	4.8	4.8	5.2	5.2	3.5	1.7	4.6	4.6	4.3	4.3	4.3	3.9	3.9
125,0°	3.9	3.9	3.9	3.9	2.6	1.7	3.9	3.7	3.7	3.7	3.5	3.5	3.5
127,5°	2.6	2.6	2.6	2.6	1.7	1.3	2.8	2.8	2.8	2.8	2.8	2.8	2.8
130,0°	1.7	1.7	1.7	1.7	1.3	0.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2
132,5°	1.5	1.5	1.7	1.3	1.1	0.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
135,0°	1.3	1.3	1.3	1.3	0.9	0.9	2.0	2.0	1.7	1.7	1.7	1.7	1.7
137,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.5	1.7	1.7	1.7	1.7	1.7	1.7
140,0°	0.9	0.9	0.9	0.9	0.4	0.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	0.4	0.4	0.4	0.4	0.4	0.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.4	0.4	0.4	0.4	0.4	0.4	1.1	1.3	1.3	1.3	1.3	1.3	1.3
147,5°	0.4	0.4	0.4	0.4	0.4	0.4	1.1	1.1	1.1	1.1	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
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
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

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°	4.3	4.3	4.1	3.9	3.9	3.9	3.9	3.9	3.9	3.3	2.2	1.2	993.6
117,5°	4.3	4.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.0	2.2	1.2	994.8
120,0°	4.3	3.9	3.9	3.9	3.5	3.5	3.5	3.7	3.5	2.8	2.2	1.1	995.8
122,5°	3.9	3.7	3.7	3.5	3.5	3.3	3.3	3.5	3.5	2.6	2.2	1.0	996.8
125,0°	3.3	3.3	3.0	3.0	2.8	2.6	2.6	2.6	2.6	2.2	1.7	0.8	997.6
127,5°	2.6	2.6	2.6	2.4	2.4	2.2	2.2	2.2	2.2	1.7	1.7	0.5	998.1
130,0°	2.2	2.2	2.2	2.2	2.2	1.7	1.7	1.7	1.7	1.7	1.3	0.4	998.5
132,5°	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.3	1.3	0.3	998.8
135,0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.3	1.3	1.3	0.3	999.1
137,5°	1.7	1.7	1.7	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3	0.2	999.4
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.1	0.9	0.9	0.2	999.6
142,5°	1.3	1.3	1.3	1.3	1.3	1.1	1.1	0.9	0.9	0.9	0.9	0.2	999.7
145,0°	1.3	1.3	1.3	1.3	1.3	1.1	1.1	0.9	0.9	0.9	0.9	0.1	999.9
147,5°	1.3	1.1	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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
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
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 EAN: 4058352835210	LP number 58710_18
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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	4510	33.6	35.9	34.8
95	241	252	4279	31.3	33.5	32.4
90	229	250	4066	29.4	31.4	30.4
85	216	248	3835	27.3	29.2	28.2
80	203	246	3604	25.4	27.1	26.2
75	190	243	3374	23.5	25.1	24.3
70	178	241	3161	21.9	23.3	22.6
65	165	238	2930	20.1	21.4	20.8
60	152	235	2699	18.4	19.5	19.0
55	140	232	2486	16.8	17.9	17.4
50	127	229	2255	15.2	16.2	15.7
45	114	225	2024	13.7	14.5	14.1
40	102	221	1811	12.2	13.0	12.6
35	89	216	1580	10.7	11.3	11.0
30	76	210	1349	9.2	9.7	9.4
25	63	203	1119	7.8	8.2	8.0
20	51	195	906	6.6	6.9	6.8
15	38	184	675	5.2	5.5	5.4
11	28	173	497	4.1	4.4	4.2