

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275AF14HP**
EAN: **4058352835135**

LP number
58710_17



Version post-top- or mounting to wall arm
Optic asymmetric, wide distribution (ST1.2a)
Cover cover transparent, PMMA
Lamps LED 2200 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 3730 lm
Power consumption = 33.6 W
Luminous efficacy = 111 lm/W

serial
documentation
24.05.2022

siteco

Luminous intensity in cd/klm

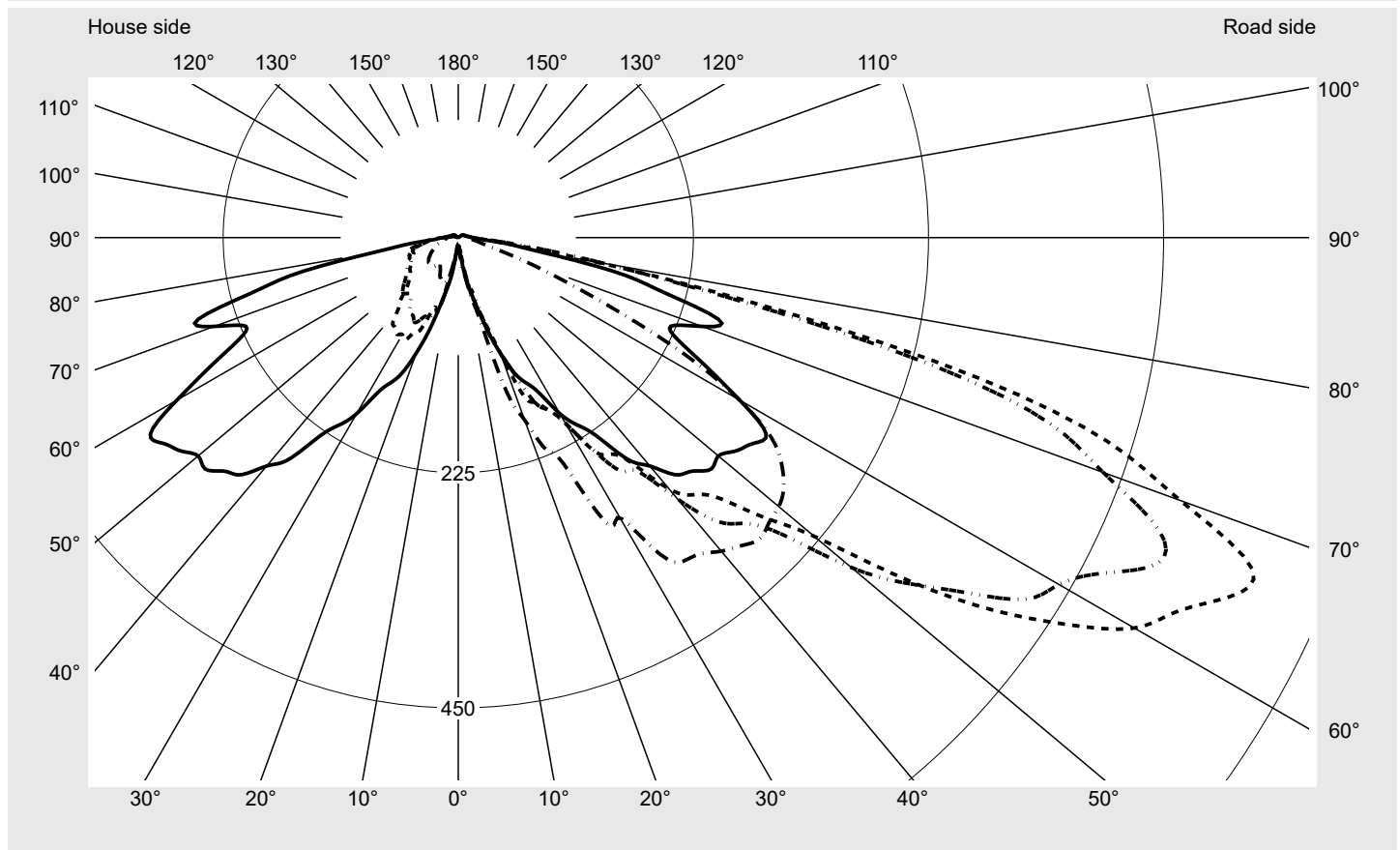
C180-0

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

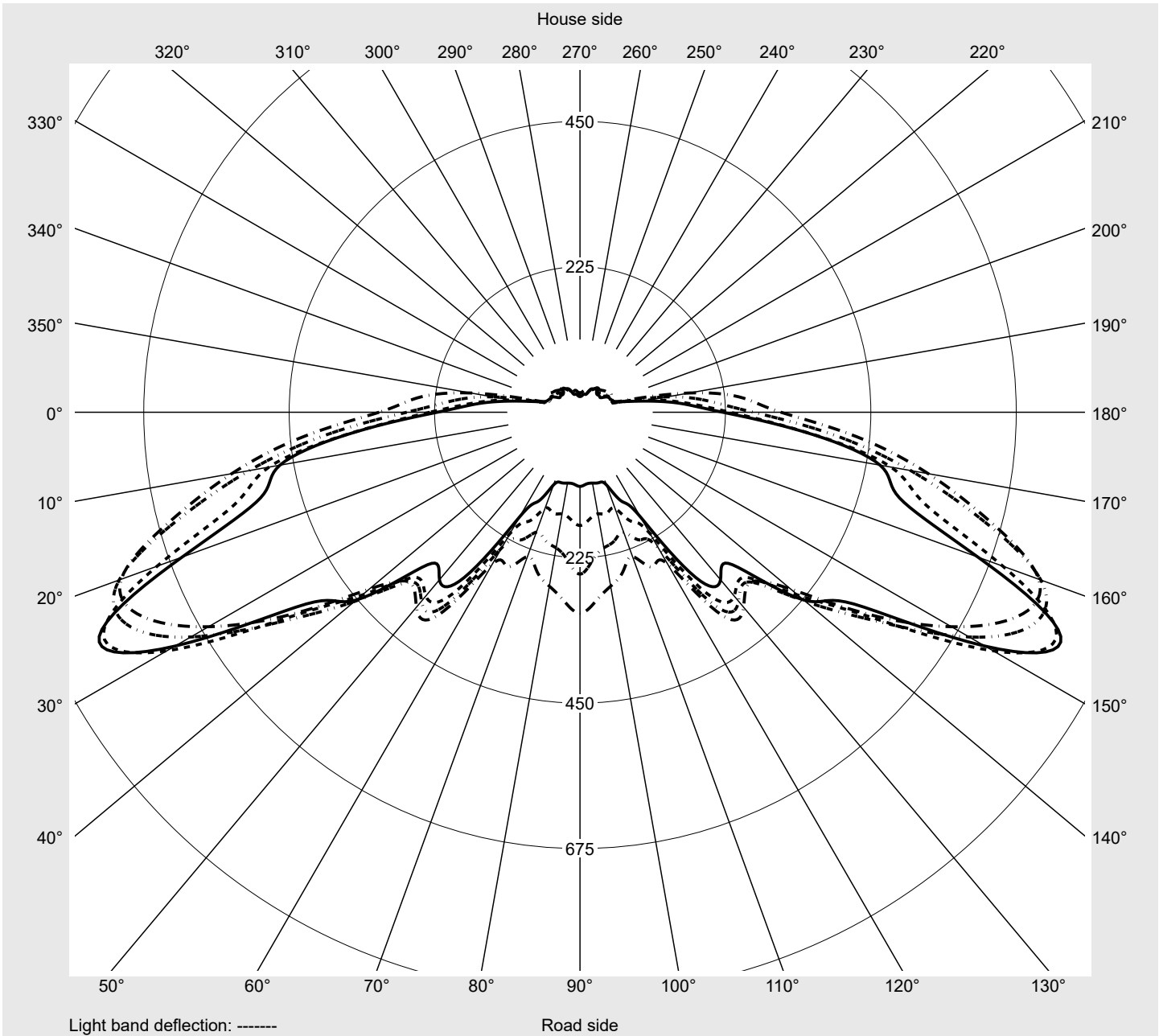
Measurement conditions

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°** **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°	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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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: 5XA5275AF14HP EAN: 4058352835135	LP number 58710_17
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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: 5XA5275AF14HP EAN: 4058352835135	LP number 58710_17
		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: 5XA5275AF14HP EAN: 4058352835135	LP number 58710_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	3730	33.6	35.9	34.8
95	241	252	3539	31.3	33.5	32.4
90	229	250	3363	29.4	31.4	30.4
85	216	248	3172	27.3	29.2	28.2
80	203	246	2981	25.4	27.1	26.2
75	190	243	2790	23.5	25.1	24.3
70	178	241	2614	21.9	23.3	22.6
65	165	238	2423	20.1	21.4	20.8
60	152	235	2232	18.4	19.5	19.0
55	140	232	2056	16.8	17.9	17.4
50	127	229	1865	15.2	16.2	15.7
45	114	225	1674	13.6	14.5	14.0
40	102	221	1498	12.2	13.0	12.6
35	89	216	1307	10.7	11.3	11.0
30	76	210	1116	9.2	9.7	9.4
25	63	203	925	7.8	8.2	8.0
20	51	195	749	6.6	6.9	6.8
15	38	184	558	5.2	5.4	5.3
11	28	173	411	4.1	4.3	4.2