

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275FF14HP**
EAN: **4058352835234**

LP number
58711_18



Version post-top- or mounting to wall arm
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 = 4480 lm
Power consumption = 33.6 W
Luminous efficacy = 133.3 lm/W

serial
documentation
24.05.2022

siteco

Luminous intensity in cd/klm

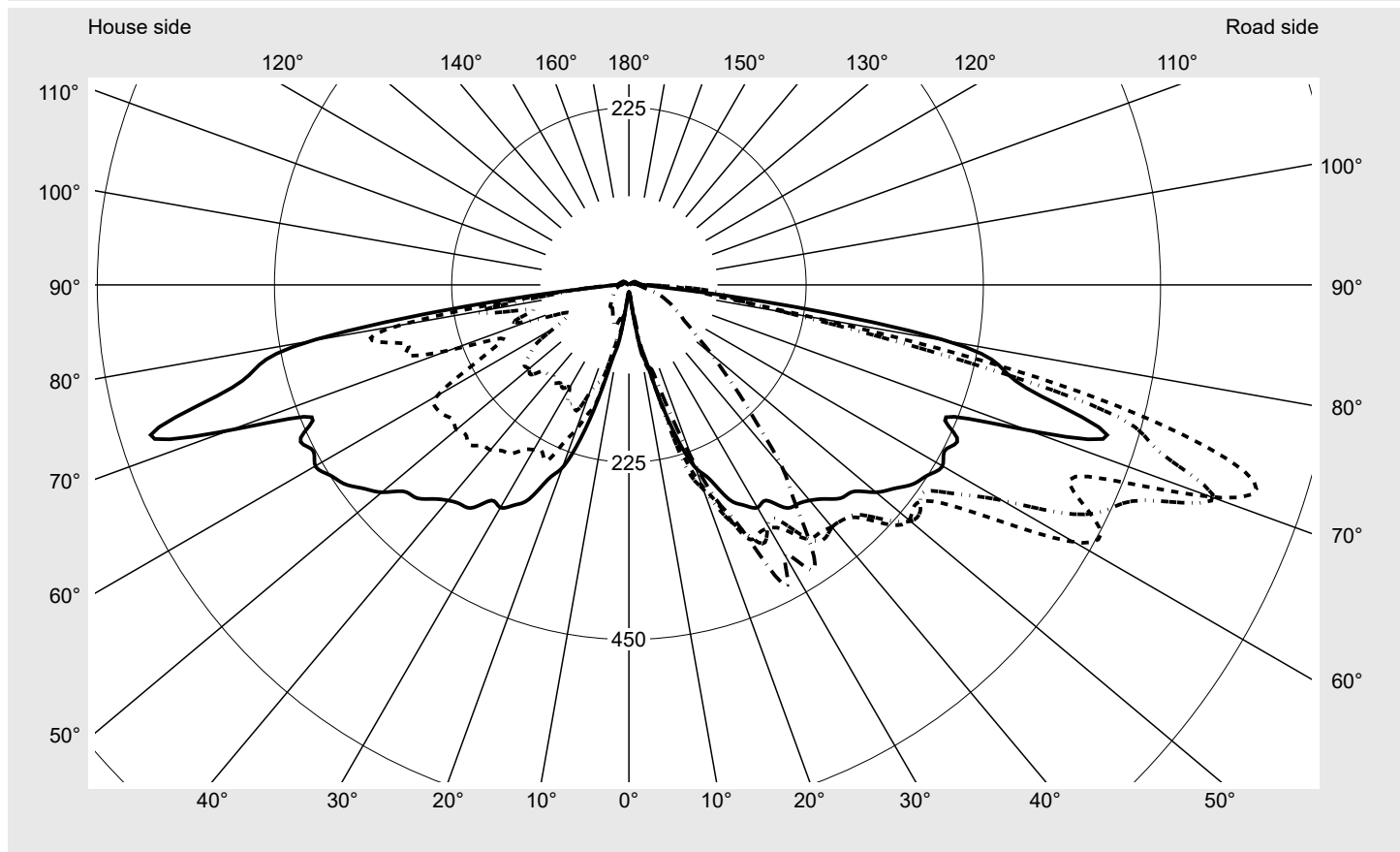
C180-0

C190-10

C195-15

C270-90

Imax: 833 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	96.3%
Eta 90° - 180°	3.7%

Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	790.0
Imax 80°	410.7
Imax 90°	15.7
Imax >90°	14.4
Imax >95°	13.1

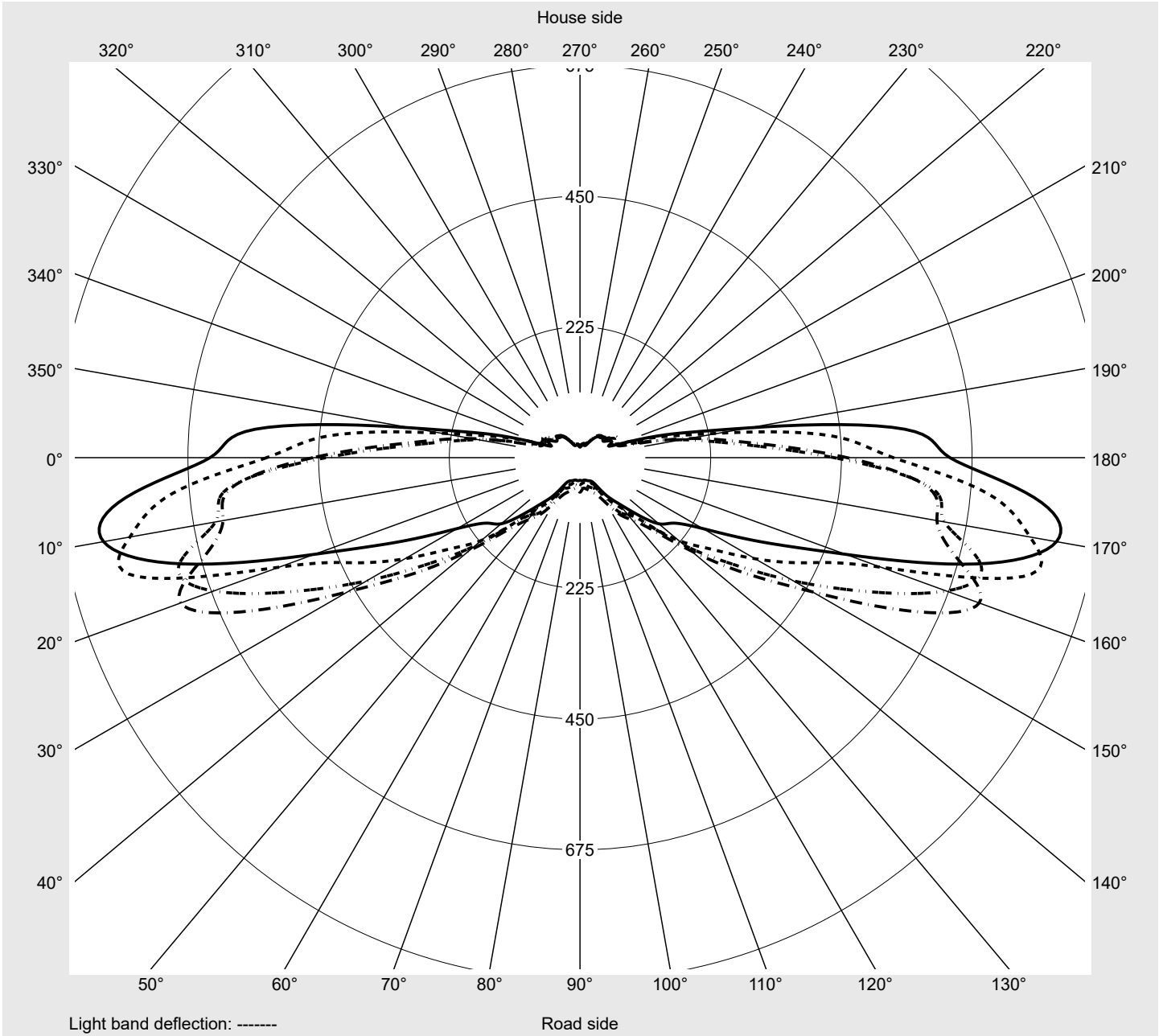
Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 72.5°** **KMK 70°** **KMK 67.5°** **KMK 65°** **siteco**



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Table of values for luminous intensities		Maximum luminous intensity



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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
2,5°	9.3	9.3	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	10.0
5,0°	11.3	11.1	11.1	10.9	10.6	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.1
7,5°	27.0	25.7	24.1	23.3	23.0	22.4	20.6	19.1	18.8	18.4	17.7	16.8	17.3
10,0°	73.1	74.7	79.1	80.9	74.9	68.7	59.4	48.1	38.8	30.4	25.3	31.9	34.8
12,5°	95.7	101.9	105.9	101.0	99.5	108.6	114.1	99.7	84.4	63.1	49.8	61.8	70.9
15,0°	148.6	141.8	145.3	153.3	156.4	148.0	139.1	119.4	115.2	124.9	134.2	132.0	153.7
17,5°	205.4	227.3	221.3	244.1	232.4	208.7	204.5	214.2	172.6	169.5	138.0	147.1	188.3
20,0°	246.8	264.7	270.9	275.8	270.0	244.1	258.8	249.0	202.7	212.9	219.5	230.4	228.0
22,5°	266.3	275.4	306.4	316.6	319.2	288.4	256.3	276.5	268.3	279.4	262.3	257.2	270.3
25,0°	300.0	332.5	354.2	345.4	331.6	298.0	298.6	307.5	257.9	281.6	270.3	274.0	277.4
27,5°	315.0	320.1	356.0	370.0	363.5	349.8	336.3	314.8	273.2	280.7	278.7	287.5	294.0
30,0°	326.3	329.6	356.4	352.5	358.9	354.5	345.8	338.9	283.6	290.4	284.9	284.7	270.9
32,5°	324.3	347.4	368.4	354.2	360.0	352.5	352.9	326.3	276.0	287.3	286.7	279.4	266.9
35,0°	345.1	372.8	393.4	391.2	383.9	370.4	360.7	341.6	279.1	286.2	280.0	265.8	253.7
37,5°	350.9	373.5	397.0	406.7	398.1	382.6	381.7	349.6	289.5	276.0	271.6	254.5	243.9
40,0°	357.1	374.2	400.8	401.4	390.1	380.2	381.9	353.3	271.4	263.4	256.8	229.3	227.3
42,5°	368.4	383.3	403.6	403.6	396.5	376.8	373.5	338.1	258.8	245.7	239.3	209.3	210.2
45,0°	382.1	395.9	418.5	412.5	404.5	388.6	372.8	329.2	243.5	231.5	222.9	195.4	191.2
47,5°	387.9	423.1	450.6	441.1	420.0	398.3	378.6	313.2	233.3	208.7	196.3	193.2	177.7
50,0°	409.4	440.6	464.6	466.5	442.2	425.8	396.1	322.1	227.1	186.8	172.6	182.3	165.5
52,5°	424.5	454.6	458.1	466.8	459.2	442.6	401.4	314.4	227.5	174.6	157.1	168.6	146.7
55,0°	440.6	477.8	481.6	457.5	453.9	444.2	400.1	315.2	222.6	159.9	156.8	154.9	130.5
57,5°	449.7	508.6	557.2	494.0	478.3	454.1	398.8	322.6	230.6	157.1	153.5	140.2	114.8
60,0°	459.7	555.2	652.6	547.0	545.9	513.1	408.9	338.1	243.0	158.2	154.2	132.5	107.0
62,5°	453.0	580.0	674.8	628.9	665.5	594.4	446.2	341.2	260.7	173.0	147.3	126.9	104.6
65,0°	459.9	603.2	624.1	673.0	731.5	624.1	461.9	346.5	249.4	175.5	140.2	119.4	90.6
67,5°	437.5	609.0	637.1	714.9	671.0	545.4	424.5	318.8	235.7	159.1	127.8	110.8	67.3
70,0°	539.4	703.8	786.9	790.0	551.4	428.2	348.0	274.0	222.0	157.7	115.4	91.7	62.5
72,5°	636.9	784.4	833.0	706.9	486.5	342.0	244.1	196.5	177.0	137.1	103.0	79.5	54.3
75,0°	537.9	580.9	720.2	638.2	356.4	231.5	158.2	138.5	123.4	105.2	82.2	68.5	45.4
77,5°	484.3	455.2	504.4	404.3	237.7	158.2	127.8	114.3	77.3	60.3	47.6	42.8	37.2
80,0°	410.7	328.5	236.4	204.0	163.3	111.4	100.4	83.5	46.7	37.4	29.7	29.2	29.5
82,5°	208.9	151.5	116.1	134.5	107.9	84.0	71.8	52.5	24.6	19.3	19.3	19.9	21.3
85,0°	61.1	59.6	83.1	115.4	89.7	58.9	48.3	31.9	19.5	15.1	13.7	14.8	16.2
87,5°	27.9	37.2	56.9	69.8	45.2	33.7	25.3	20.4	14.8	12.8	12.6	13.1	13.7
90,0°	15.1	15.3	15.7	15.7	14.8	14.4	13.7	12.8	11.3	10.4	10.4	11.5	12.4
92,5°	14.0	14.0	14.4	14.4	14.0	13.5	13.1	12.2	10.9	9.7	10.0	11.1	11.7
95,0°	13.3	13.3	13.7	13.7	13.1	12.6	12.2	11.5	10.6	9.7	9.5	10.6	11.1
97,5°	12.4	12.6	12.8	13.1	12.6	12.0	11.7	11.1	10.2	9.5	9.5	10.0	10.6
100,0°	12.0	12.0	12.4	12.4	11.7	11.5	11.1	10.4	9.7	9.1	9.1	9.7	10.2
102,5°	11.5	11.5	11.7	11.7	11.3	10.9	10.6	10.0	9.5	9.1	8.9	9.3	10.0
105,0°	11.1	10.9	11.1	11.3	10.9	10.4	10.0	9.5	9.1	8.9	8.9	9.1	9.5
107,5°	10.2	10.4	10.6	10.6	10.2	10.0	9.5	9.3	8.9	8.6	8.4	8.6	9.1
110,0°	10.0	10.0	10.2	10.2	9.7	9.3	9.3	8.9	8.6	8.4	8.4	8.6	8.9
112,5°	9.5	9.7	9.7	9.7	9.5	9.3	9.1	8.6	8.4	8.4	8.4	8.2	8.6

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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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
2,5°	10.0	10.4	10.6	10.6	10.9	10.6	9.3	9.5	9.5	9.5	9.5	9.5	9.5
5,0°	11.3	11.7	11.7	12.0	12.2	12.0	11.7	12.0	12.6	12.8	12.8	13.1	13.5
7,5°	18.4	19.5	19.5	18.6	18.6	18.6	27.2	26.8	25.3	23.0	21.0	20.6	21.9
10,0°	35.9	42.5	47.2	48.7	49.6	50.1	69.8	66.5	59.1	47.0	41.0	33.9	31.5
12,5°	79.3	77.8	85.3	95.9	103.5	110.8	89.1	75.5	68.2	65.1	64.0	75.3	75.8
15,0°	141.1	132.3	117.9	115.6	108.6	110.3	154.0	145.5	115.6	106.8	107.7	103.9	91.9
17,5°	199.8	177.7	172.1	173.5	167.3	162.6	196.9	170.6	130.3	116.3	116.7	113.0	99.5
20,0°	223.3	207.8	228.2	236.6	236.6	236.2	220.9	195.6	146.2	123.0	130.9	133.1	117.9
22,5°	265.0	231.3	270.9	274.9	290.0	301.3	238.6	217.1	172.6	133.1	134.5	135.8	125.2
25,0°	282.5	240.6	313.2	338.5	344.5	347.8	270.5	246.1	166.1	128.5	137.8	132.3	119.8
27,5°	287.8	261.0	324.3	369.3	398.5	430.2	280.7	238.6	169.3	132.9	142.0	136.7	130.0
30,0°	286.0	270.7	339.2	368.9	388.3	395.7	288.2	241.5	150.6	123.2	149.3	144.9	125.2
32,5°	262.5	265.4	328.3	359.1	403.9	428.4	300.0	247.9	155.5	125.2	158.6	157.1	115.9
35,0°	267.4	250.6	311.5	342.9	373.9	402.3	314.6	261.4	152.0	123.2	173.0	151.1	102.8
37,5°	245.2	241.9	284.0	306.8	325.0	344.3	323.2	265.2	156.6	130.0	165.7	127.8	84.4
40,0°	229.3	218.0	254.3	266.9	281.6	303.5	334.5	273.4	149.1	133.6	157.7	101.0	82.0
42,5°	208.9	205.6	220.4	226.8	233.5	245.0	348.2	276.5	153.3	140.7	128.7	84.0	81.5
45,0°	181.2	176.6	191.4	188.5	190.5	202.0	366.4	286.7	154.0	128.0	93.0	80.0	79.8
47,5°	159.5	159.7	165.3	157.1	156.8	164.4	369.7	281.1	168.6	112.8	76.2	77.8	75.5
50,0°	141.1	133.1	140.2	128.7	128.7	137.4	383.3	285.8	165.7	91.3	77.1	77.3	72.4
52,5°	123.6	120.1	119.0	109.0	109.2	112.1	389.0	281.6	167.3	78.9	79.8	77.8	69.1
55,0°	107.2	99.2	102.6	91.3	90.4	96.1	398.8	287.3	153.3	76.7	83.5	78.9	65.4
57,5°	95.9	88.8	84.8	75.5	78.2	82.4	408.5	290.4	140.2	77.3	83.3	75.3	63.1
60,0°	84.4	74.0	74.7	67.6	68.2	75.8	414.9	280.7	108.8	74.2	79.5	74.4	61.8
62,5°	83.5	68.7	62.3	59.4	60.7	64.7	357.8	229.5	89.9	71.3	73.5	73.3	60.3
65,0°	71.6	63.4	57.8	54.1	53.6	59.4	294.2	189.2	84.0	70.2	70.7	71.8	58.9
67,5°	57.8	54.7	51.0	47.6	49.2	52.3	271.8	177.7	97.7	68.2	65.8	66.7	55.8
70,0°	49.0	49.4	45.2	43.2	44.5	46.1	433.1	242.1	134.2	69.8	65.6	62.5	53.4
72,5°	44.5	42.3	40.3	39.2	39.9	39.0	561.4	295.5	151.8	62.0	59.1	58.0	49.2
75,0°	38.5	39.0	36.6	34.6	32.3	30.6	540.8	290.9	125.4	52.7	54.7	51.8	45.9
77,5°	36.8	37.0	33.2	27.2	24.1	23.0	432.4	330.5	154.9	57.4	50.3	46.7	42.5
80,0°	31.5	29.7	28.8	21.7	19.5	18.6	228.8	296.6	191.8	56.3	42.3	39.0	35.9
82,5°	22.2	22.6	21.5	19.1	17.3	16.4	169.7	140.2	107.4	44.3	35.7	34.1	30.8
85,0°	17.1	17.1	16.6	15.1	14.4	14.2	89.9	65.6	60.9	41.2	30.6	30.1	26.6
87,5°	14.2	14.2	14.2	13.5	13.1	12.8	31.2	28.6	25.9	27.9	26.6	27.7	22.8
90,0°	12.4	12.4	12.8	12.4	12.2	12.0	15.3	15.3	15.1	14.8	14.0	13.5	12.6
92,5°	12.0	12.0	12.4	12.0	11.7	11.5	14.0	14.2	14.2	14.0	13.5	13.1	12.0
95,0°	11.3	11.5	12.0	11.5	11.3	11.1	13.3	13.5	13.5	13.1	12.6	12.2	11.5
97,5°	10.9	11.1	11.3	11.1	11.1	10.6	12.4	12.8	12.6	12.4	12.0	11.7	10.9
100,0°	10.4	10.6	10.9	11.1	10.6	10.6	12.0	12.0	12.0	11.5	11.3	10.9	10.2
102,5°	10.0	10.4	10.6	10.6	10.4	10.2	11.5	11.5	11.3	10.9	10.4	10.2	9.5
105,0°	9.7	10.0	10.4	10.2	10.2	9.7	10.9	10.9	10.6	10.4	10.0	9.5	9.1
107,5°	9.5	10.0	10.0	10.2	9.7	9.3	10.2	10.2	10.2	10.0	9.5	9.1	8.4
110,0°	9.1	9.5	9.7	9.7	9.5	8.4	9.7	9.7	9.5	9.3	9.1	8.6	8.2
112,5°	9.1	9.1	9.5	9.7	8.9	6.2	9.3	9.3	9.1	8.9	8.6	8.2	7.8

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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°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	0.0	0.0
2,5°	9.7	9.7	10.0	10.0	10.0	10.4	10.4	10.6	10.6	10.9	10.6	0.1	0.1
5,0°	14.0	14.4	15.1	15.3	15.3	15.3	15.7	15.7	16.0	16.2	16.0	0.3	0.4
7,5°	23.0	25.0	27.9	31.9	33.2	33.9	34.6	35.7	36.3	34.1	34.1	0.9	1.3
10,0°	31.0	34.6	38.5	43.9	46.3	48.3	43.0	43.4	42.8	41.2	40.8	2.3	3.6
12,5°	66.9	67.6	66.7	62.7	55.4	53.6	48.5	50.1	48.1	46.1	45.6	4.5	8.2
15,0°	83.7	91.5	78.2	77.3	71.6	63.8	54.9	52.5	50.1	45.6	45.2	7.9	16.0
17,5°	88.8	85.5	79.5	74.0	66.2	58.9	55.2	52.5	52.1	53.4	55.4	11.9	27.9
20,0°	105.4	103.9	89.9	84.2	83.7	64.2	54.1	49.6	50.3	53.6	54.5	16.3	44.2
22,5°	110.5	101.0	80.4	76.0	72.0	57.6	51.4	50.1	50.1	51.2	50.5	20.4	64.6
25,0°	109.0	95.7	73.8	68.2	61.4	50.5	47.0	46.7	47.9	49.4	47.9	24.1	88.8
27,5°	107.7	82.0	60.0	55.6	53.4	48.7	45.0	45.9	45.2	46.1	44.3	27.6	116.3
30,0°	95.3	64.2	52.3	53.8	52.9	47.0	43.2	45.0	42.8	42.5	40.8	29.7	146.1
32,5°	74.0	53.2	52.1	55.4	54.9	47.6	41.9	43.2	39.4	40.1	38.5	31.9	178.0
35,0°	73.1	63.1	59.4	60.5	57.4	47.0	39.9	41.6	37.7	38.1	36.3	34.4	212.4
37,5°	72.9	63.1	60.5	61.8	57.6	47.9	40.5	41.9	39.9	37.2	35.9	35.9	248.3
40,0°	72.0	59.6	57.6	60.3	56.3	45.9	38.8	41.4	40.1	37.7	36.3	36.5	284.8
42,5°	71.1	57.6	57.2	60.0	56.0	45.9	38.8	39.9	38.5	35.9	34.6	36.8	321.6
45,0°	69.8	57.2	56.7	59.1	54.1	43.4	37.2	38.5	36.3	33.5	31.9	37.2	358.8
47,5°	67.6	56.0	56.0	57.8	51.8	41.4	35.7	35.9	34.3	31.5	30.1	37.9	396.6
50,0°	65.6	53.8	53.6	55.2	49.0	38.5	33.9	33.9	31.9	29.7	27.9	38.8	435.5
52,5°	62.0	52.7	52.5	52.9	46.3	36.8	32.6	32.1	29.7	27.9	26.1	39.4	474.8
55,0°	60.5	50.7	50.7	50.3	43.6	34.3	30.8	30.4	28.8	26.4	24.8	39.9	514.7
57,5°	57.6	49.4	49.8	48.7	41.2	32.8	29.5	28.8	27.2	24.8	23.5	41.5	556.2
60,0°	55.8	49.8	49.6	46.5	38.8	31.2	28.1	27.5	26.4	23.7	22.6	44.2	600.4
62,5°	54.7	51.4	49.4	45.0	36.3	29.5	27.0	25.9	25.3	23.0	21.7	46.6	647.0
65,0°	54.5	51.8	49.2	43.0	34.1	27.9	25.9	25.5	24.4	22.4	20.8	47.2	694.2
67,5°	55.2	51.4	48.3	41.0	32.6	26.6	24.8	24.1	23.5	21.5	19.9	45.8	740.0
70,0°	55.4	53.2	49.8	42.5	31.9	25.0	23.7	23.5	22.8	20.8	19.5	48.3	788.3
72,5°	51.2	49.0	47.2	39.7	30.4	23.5	22.4	22.2	21.7	19.7	18.2	47.8	836.1
75,0°	45.2	42.1	39.0	31.7	25.7	21.7	20.8	21.0	19.9	17.9	16.8	40.0	876.1
77,5°	39.9	36.3	33.7	28.1	23.5	20.2	19.5	19.5	18.4	16.6	15.1	32.0	908.0
80,0°	29.7	27.5	26.4	25.0	21.9	18.8	18.2	17.9	16.8	15.1	14.2	23.0	931.0
82,5°	23.5	22.8	22.6	22.6	20.6	17.7	17.3	16.6	15.7	14.2	13.3	14.4	945.4
85,0°	19.5	18.8	19.5	20.8	18.8	16.4	15.7	15.5	14.6	13.5	12.4	9.4	954.8
87,5°	17.5	15.7	15.7	16.8	16.4	15.1	14.4	14.4	13.7	12.8	11.5	6.1	960.9
90,0°	10.4	9.3	9.7	11.3	11.7	11.7	11.7	11.7	11.3	10.4	9.3	3.5	964.4
92,5°	10.0	8.9	9.5	10.9	11.3	11.3	11.3	11.3	11.1	10.4	9.3	3.3	967.7
95,0°	9.5	8.6	9.1	10.4	10.9	10.9	10.9	10.9	10.4	10.0	8.9	3.1	970.9
97,5°	9.1	8.4	8.6	9.5	10.2	10.2	10.2	10.2	10.0	9.5	8.4	3.0	973.8
100,0°	8.9	8.2	8.2	9.1	9.3	9.3	9.3	9.7	9.3	8.6	8.0	2.8	976.6
102,5°	8.4	7.8	7.8	8.4	8.9	8.9	8.9	8.9	8.6	8.2	7.5	2.7	979.3
105,0°	8.2	7.8	7.5	8.0	8.0	8.2	8.4	8.4	8.2	7.8	6.6	2.5	981.8
107,5°	7.8	7.3	7.1	7.5	7.5	7.5	7.8	8.0	7.5	7.3	6.2	2.4	984.2
110,0°	7.5	7.3	6.9	7.1	7.1	7.1	7.1	7.5	7.3	6.6	5.3	2.2	986.4
112,5°	7.3	6.9	6.6	6.6	6.6	6.6	6.9	7.1	7.1	6.0	3.5	2.1	988.5

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275FF14HP EAN: 4058352835234	LP number 58711_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°	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.2	8.2	8.0	8.2	8.4
117,5°	8.9	8.9	8.9	8.9	8.6	8.4	8.2	8.2	8.0	8.0	8.0	8.0	8.2
120,0°	8.4	8.4	8.4	8.6	8.2	8.0	7.8	7.8	7.8	7.5	7.5	7.5	7.8
122,5°	7.5	7.5	8.0	7.8	7.5	7.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1
125,0°	6.2	6.4	6.4	6.4	6.2	6.0	6.0	6.0	6.0	5.8	5.8	5.8	5.8
127,5°	4.4	4.7	4.7	4.7	4.4	4.2	4.2	4.2	4.2	4.2	4.0	4.0	4.0
130,0°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.9	2.9	2.7
132,5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.2	2.2	2.2	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
137,5°	2.0	2.2	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
140,0°	1.8	1.6	1.8	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
142,5°	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145,0°	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
147,5°	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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: 5XA5275FF14HP EAN: 4058352835234	LP number 58711_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°	8.6	9.1	9.3	9.3	7.5	3.5	9.1	9.1	8.9	8.6	8.2	7.8	7.5
117,5°	8.4	8.6	9.1	9.3	6.9	3.5	8.6	8.4	8.4	8.2	7.8	7.3	7.1
120,0°	8.0	8.4	8.6	8.9	6.0	3.1	8.4	8.4	8.0	7.8	7.5	7.1	6.9
122,5°	7.3	7.8	8.0	8.0	5.3	2.7	7.5	7.5	7.3	7.1	6.6	6.4	6.2
125,0°	5.8	6.2	6.4	6.4	4.2	2.7	6.0	6.0	5.8	5.8	5.3	5.3	5.1
127,5°	4.2	4.4	4.4	4.4	2.9	2.2	4.4	4.4	4.2	4.0	4.0	4.0	3.8
130,0°	2.9	2.9	3.1	2.7	2.0	1.8	3.1	3.1	3.1	3.1	3.1	2.9	2.9
132,5°	2.7	2.7	2.7	2.2	1.8	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.4
135,0°	2.2	2.2	2.2	1.8	1.3	1.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2
137,5°	1.6	1.8	1.6	1.3	1.3	1.3	2.0	2.2	2.0	1.8	1.8	1.8	1.8
140,0°	1.3	1.3	1.3	1.1	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.3	1.3
142,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145,0°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.3	1.3	1.1	1.3	1.3	1.3
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.1	1.1	1.1	1.1	1.3	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°	7.1	6.9	6.4	6.2	6.2	6.2	6.6	6.6	6.6	5.1	2.7	2.0	990.4
117,5°	6.9	6.4	6.2	6.2	6.0	6.0	6.2	6.2	6.2	4.4	2.7	1.8	992.3
120,0°	6.6	6.4	6.2	5.8	5.8	5.8	5.8	6.0	5.8	4.0	2.2	1.7	994.0
122,5°	6.0	5.8	5.5	5.3	5.1	4.9	5.1	5.3	5.3	3.5	2.2	1.5	995.5
125,0°	4.9	4.9	4.4	4.4	4.0	4.0	4.0	4.0	4.0	3.1	2.2	1.2	996.7
127,5°	3.5	3.5	3.1	3.1	3.1	2.9	2.7	2.7	2.7	2.2	1.8	0.8	997.5
130,0°	2.7	2.7	2.7	2.2	2.2	2.2	2.2	2.2	1.8	1.8	1.8	0.6	998.1
132,5°	2.2	2.2	2.2	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.3	0.5	998.5
135,0°	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3	1.3	0.4	998.9
137,5°	1.8	1.8	1.8	1.8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	999.3
140,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.2	999.5
142,5°	1.3	1.3	1.3	1.1	1.3	0.9	0.9	0.9	0.9	1.1	0.9	0.2	999.7
145,0°	1.3	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.9	1.1	0.9	0.2	999.9
147,5°	1.1	1.1	1.1	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: 5XA5275FF14HP EAN: 4058352835234	LP number 58711_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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	4480	33.6	35.9	34.8
95	241	252	4251	31.3	33.5	32.4
90	229	250	4039	29.4	31.4	30.4
85	216	248	3810	27.3	29.2	28.2
80	203	246	3580	25.4	27.1	26.2
75	190	243	3351	23.5	25.1	24.3
70	178	241	3140	21.9	23.3	22.6
65	165	238	2910	20.1	21.4	20.8
60	152	235	2681	18.4	19.5	19.0
55	140	232	2469	16.8	17.9	17.4
50	127	229	2240	15.2	16.2	15.7
45	114	225	2011	13.7	14.5	14.1
40	102	221	1799	12.2	13.0	12.6
35	89	216	1570	10.7	11.3	11.0
30	76	210	1340	9.2	9.7	9.4
25	63	203	1111	7.8	8.2	8.0
20	51	195	900	6.6	6.9	6.8
15	38	184	670	5.2	5.5	5.4
11	28	173	494	4.1	4.4	4.2