

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275KF14H**
EAN: **4058352835258**

LP number
57130_31



Version post-top- or mounting to wall arm
Optic direct, symmetric wide distribution S120011
Cover cover transparent, PMMA
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1470 lm
Power consumption = 10.0 W
Luminous efficacy = 147 lm/W

serial
documentation
07.07.2022

siteco

Luminous intensity in cd/klm

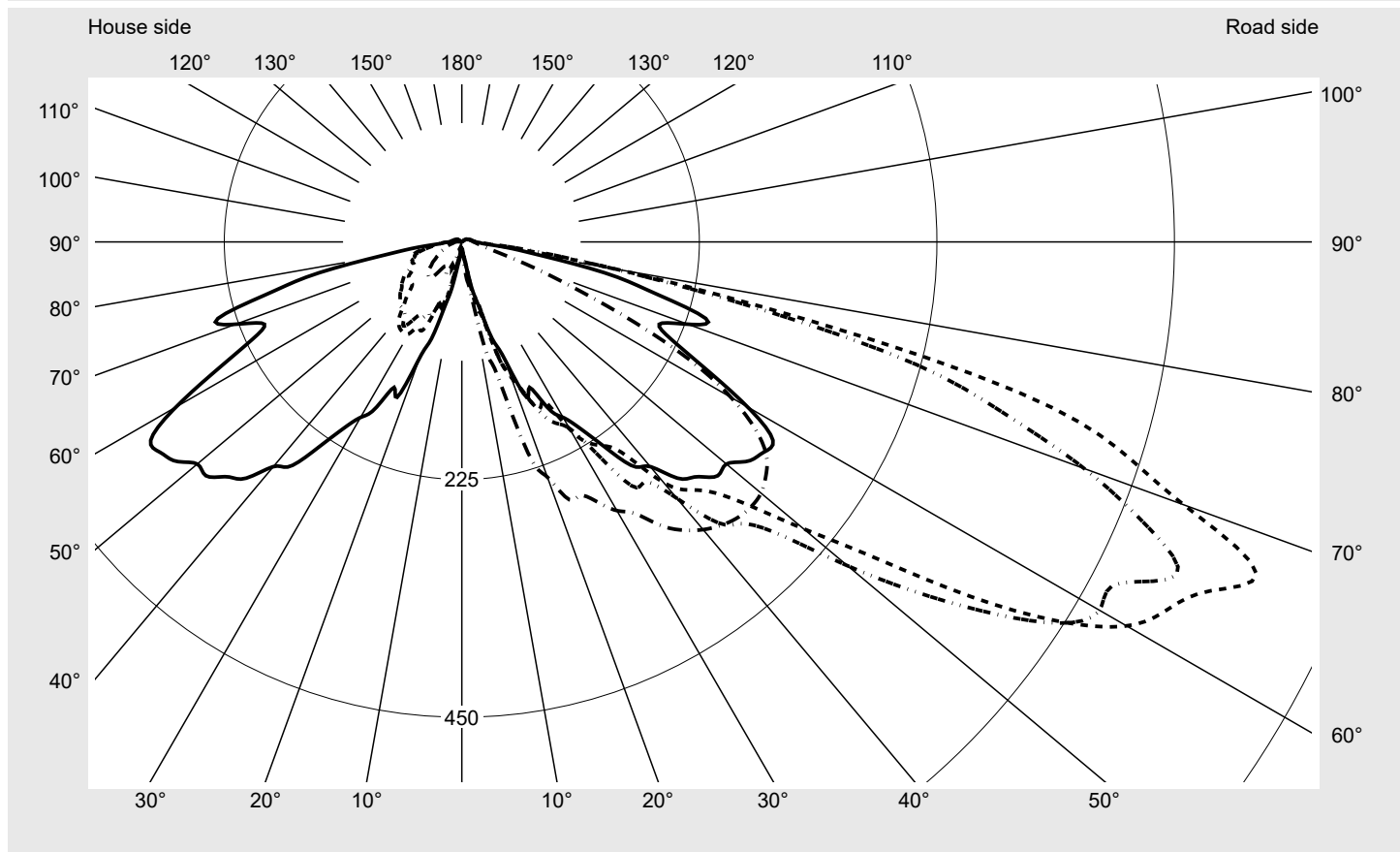
C180-0

C205-25

C210-30

C270-90

Imax: 814 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	97.4%
Eta 90° - 180°	2.6%

Luminous intensity class acc. to EN13201-2

Class:	G1
Imax 70°	727.6
Imax 80°	157.2
Imax 90°	13.4
Imax >90°	12.4
Imax >95°	10.3

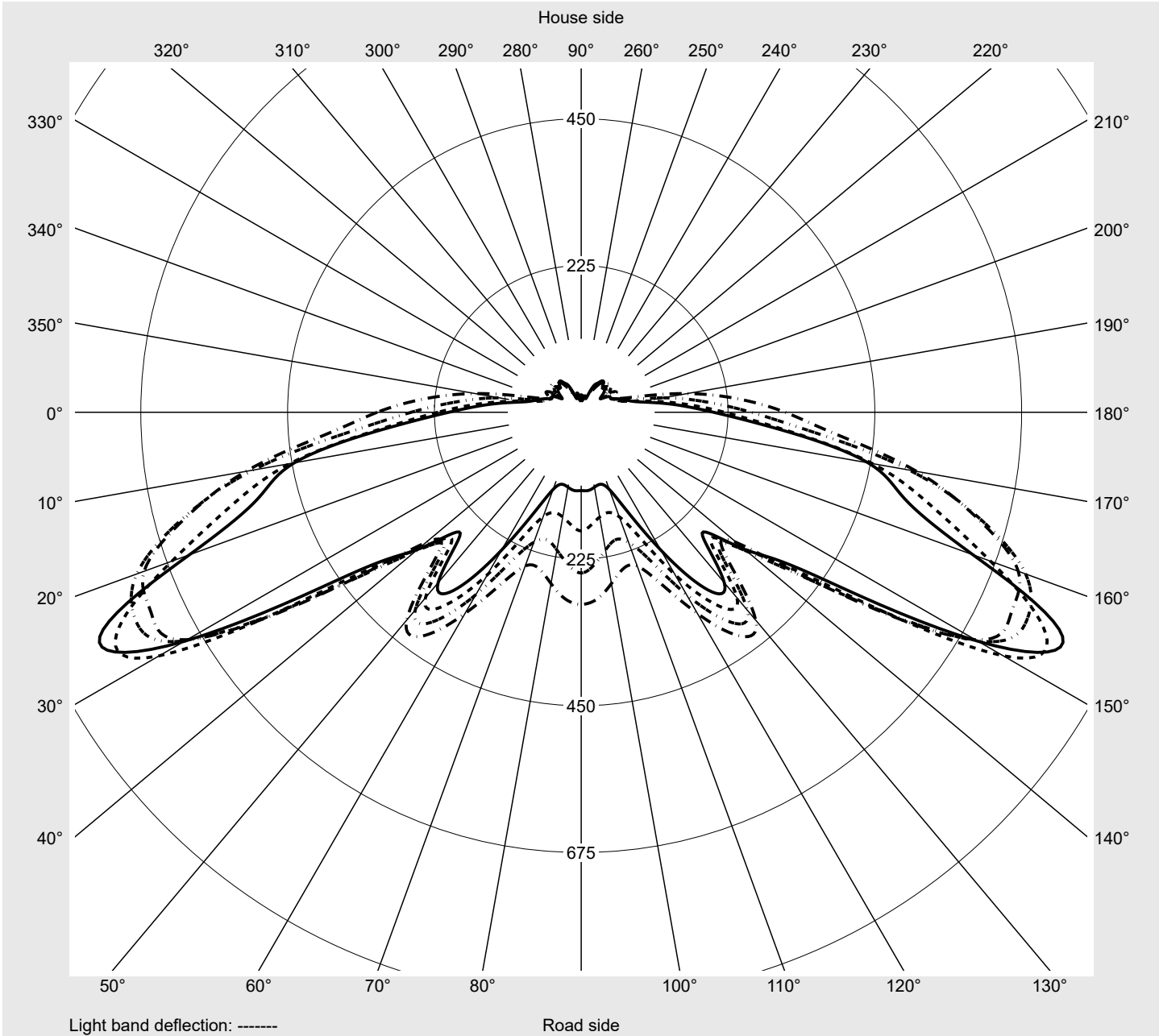
Measurement conditions

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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
2,5°	6.9	6.9	6.9	6.9	7.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
5,0°	7.9	8.2	8.2	8.9	9.3	10.0	10.0	10.3	10.6	11.0	11.7	12.7	13.4
7,5°	16.5	19.2	20.3	19.6	17.8	15.8	14.4	14.1	15.8	18.2	21.3	25.7	29.5
10,0°	24.7	23.7	24.7	26.8	24.4	21.6	17.5	17.2	24.7	36.0	45.3	49.8	46.7
12,5°	47.4	52.5	58.0	59.7	67.3	63.2	52.5	49.1	59.4	67.6	70.0	71.0	72.4
15,0°	65.2	66.6	67.6	70.4	78.9	71.7	59.7	52.2	64.9	85.5	107.4	108.5	116.4
17,5°	96.8	107.8	123.9	109.1	107.4	110.9	112.9	105.7	93.7	105.4	136.9	149.6	150.0
20,0°	116.7	112.2	152.0	127.7	143.1	136.3	134.2	126.3	103.3	122.9	157.9	160.3	174.0
22,5°	158.6	162.3	185.7	176.1	163.7	156.5	155.1	143.1	115.7	129.1	172.6	182.9	206.6
25,0°	152.0	153.1	177.8	189.8	186.0	174.4	179.9	182.3	123.6	144.2	182.6	188.1	226.2
27,5°	178.1	167.5	188.8	190.8	181.9	170.2	193.6	207.0	127.0	163.4	205.2	200.4	242.7
30,0°	191.9	196.0	216.9	229.6	216.6	205.6	203.9	213.8	137.3	186.0	244.4	224.1	256.7
32,5°	210.1	204.2	226.9	244.4	241.6	226.2	237.5	245.8	151.4	216.9	281.8	263.6	281.8
35,0°	238.2	229.6	243.0	254.7	237.2	235.8	282.8	290.0	164.1	229.3	310.3	300.7	313.4
37,5°	268.1	268.1	281.4	290.0	273.2	254.0	286.3	289.0	173.3	260.5	327.4	339.8	352.8
40,0°	277.7	278.0	282.1	307.2	303.4	297.6	316.8	312.3	188.1	297.6	353.9	356.6	384.4
42,5°	303.8	285.2	313.4	313.0	320.2	318.5	361.4	339.5	204.2	326.1	399.5	384.8	401.9
45,0°	314.4	305.1	341.2	341.5	345.6	335.0	377.2	370.3	221.4	339.5	427.3	407.8	412.6
47,5°	328.1	318.2	397.1	396.1	400.5	369.3	411.5	390.9	240.9	358.3	445.5	428.0	418.1
50,0°	327.1	339.5	435.6	440.0	452.4	422.5	477.1	435.2	255.0	363.5	447.9	432.8	415.6
52,5°	341.2	348.4	457.5	468.8	511.1	488.8	546.1	465.8	273.6	354.6	452.4	445.2	411.2
55,0°	348.0	370.3	458.2	509.7	574.6	582.1	613.0	491.2	296.9	347.3	442.8	446.5	399.9
57,5°	349.4	394.4	486.7	579.4	663.8	667.6	671.7	485.7	311.3	340.1	439.0	446.9	384.1
60,0°	312.7	393.7	522.0	628.8	712.9	727.3	697.4	486.7	311.0	315.1	416.0	417.7	356.3
62,5°	260.5	360.0	510.7	633.6	724.9	753.7	700.5	482.9	331.9	299.3	395.7	390.6	323.0
65,0°	219.7	314.4	453.4	556.0	667.6	781.9	746.9	465.8	326.4	280.8	371.4	360.0	287.6
67,5°	202.8	306.8	446.5	513.5	639.1	814.1	702.2	434.5	327.1	262.2	341.2	328.5	244.0
70,0°	227.9	334.0	444.5	502.5	606.5	727.6	627.8	370.0	293.5	220.7	302.0	290.0	202.8
72,5°	243.0	353.5	427.0	486.7	580.4	652.1	537.5	327.8	258.1	176.1	246.1	235.8	163.0
75,0°	191.2	298.6	370.0	416.7	509.7	538.5	441.0	228.6	168.5	86.5	181.9	193.2	141.1
77,5°	145.5	211.1	248.8	284.5	321.9	316.8	277.7	150.0	80.3	70.0	153.1	175.7	125.6
80,0°	81.7	93.0	127.7	154.5	157.2	148.3	145.2	68.0	48.7	52.2	79.3	87.9	55.3
82,5°	47.7	52.9	63.2	81.3	74.8	60.4	73.8	40.5	52.2	35.7	35.0	27.5	20.3
85,0°	22.7	24.4	29.9	31.9	25.7	28.5	33.6	18.5	27.5	19.9	14.8	15.4	15.1
87,5°	17.2	16.1	17.5	18.2	16.8	18.5	19.2	15.1	15.4	14.4	11.3	13.0	13.0
90,0°	11.7	11.3	12.7	13.4	13.0	12.7	12.4	11.7	10.3	8.9	9.6	11.0	11.7
92,5°	10.6	10.6	11.7	12.4	12.0	11.7	11.7	11.0	9.3	8.6	8.6	10.3	11.0
95,0°	10.0	10.0	10.6	11.3	11.0	10.6	10.3	10.0	8.9	7.9	8.2	9.6	10.3
97,5°	9.3	9.3	10.0	10.3	10.0	9.6	9.6	8.9	8.2	7.6	7.6	8.9	9.6
100,0°	8.6	8.6	9.3	9.3	9.3	8.9	8.9	8.6	7.9	7.2	7.2	8.2	8.9
102,5°	7.9	8.2	8.6	8.6	8.6	8.2	8.2	7.9	7.2	6.9	6.9	7.9	8.2
105,0°	7.6	7.9	7.9	8.2	7.9	7.6	7.6	7.2	6.9	6.9	6.9	7.6	7.6
107,5°	7.2	7.2	7.6	7.6	7.2	7.2	7.2	6.9	6.5	6.2	6.2	6.9	7.6
110,0°	6.5	6.9	7.2	6.9	6.9	6.5	6.5	6.2	6.2	6.2	6.2	6.2	6.9
112,5°	6.2	6.2	6.5	6.5	6.2	6.2	6.2	5.8	5.8	5.8	5.8	6.2	6.9

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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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
2,5°	7.9	8.2	8.2	7.9	8.2	8.2	6.9	6.9	6.9	6.9	7.2	6.9	7.6
5,0°	13.7	14.1	13.7	14.1	13.7	13.7	7.9	7.9	7.9	7.9	7.6	7.6	7.6
7,5°	30.2	33.0	35.7	38.1	37.1	35.7	13.7	12.0	10.6	9.6	8.9	8.6	8.6
10,0°	40.8	45.0	58.3	59.0	54.2	50.8	26.4	29.2	27.8	23.0	17.8	13.4	11.0
12,5°	77.6	83.7	100.6	104.3	105.4	107.1	38.8	34.7	25.4	23.7	24.4	27.1	27.5
15,0°	127.7	106.7	99.5	125.3	133.5	131.8	64.2	60.8	55.9	66.9	57.0	49.4	47.4
17,5°	148.3	157.5	167.2	190.5	196.3	211.4	87.9	86.8	96.1	71.0	64.9	65.2	59.0
20,0°	190.5	194.3	199.8	209.7	232.7	236.8	117.7	113.6	100.9	85.5	60.4	62.1	58.7
22,5°	221.7	228.2	239.2	254.7	261.5	263.6	140.4	122.5	119.4	108.8	83.4	75.9	55.3
25,0°	252.3	255.7	255.7	258.1	263.3	265.0	135.2	130.8	127.3	115.7	92.7	74.1	55.9
27,5°	267.4	267.7	268.1	274.9	277.3	277.3	170.6	140.7	121.8	117.7	91.0	81.3	62.5
30,0°	296.2	294.1	288.3	288.3	291.1	293.8	176.8	157.9	136.6	123.9	100.6	80.0	58.3
32,5°	315.4	316.1	305.5	303.4	305.1	304.8	196.3	173.0	148.3	127.0	102.3	89.6	71.7
35,0°	338.4	340.8	327.8	318.5	321.9	327.4	212.5	177.1	152.0	133.5	101.3	96.8	86.8
37,5°	364.9	361.4	338.8	335.3	341.2	343.9	239.2	189.5	157.5	136.6	98.2	88.9	88.9
40,0°	381.0	366.2	350.1	348.4	352.5	355.6	249.5	201.5	165.4	133.2	91.6	85.8	90.3
42,5°	396.4	375.5	355.2	356.6	361.1	363.8	285.2	215.2	176.8	129.1	81.3	84.1	89.6
45,0°	411.5	382.7	361.1	362.8	366.6	369.3	304.8	231.0	174.4	117.7	74.1	83.4	89.6
47,5°	413.2	375.8	360.7	364.5	369.3	371.4	315.1	237.2	175.7	98.5	65.6	79.3	84.4
50,0°	399.5	365.9	355.9	361.1	367.6	370.0	309.9	239.2	168.9	84.4	61.4	76.2	77.9
52,5°	378.6	344.6	342.5	353.2	361.4	363.1	315.4	236.1	166.5	70.0	62.1	71.7	71.7
55,0°	351.8	319.5	321.6	334.3	347.3	352.2	309.9	233.4	151.4	68.6	61.1	69.3	66.2
57,5°	320.9	285.9	291.4	306.5	323.0	329.5	295.2	204.6	121.2	62.8	59.4	65.9	60.4
60,0°	290.7	250.9	248.5	266.7	286.9	294.5	239.6	165.1	94.4	61.8	53.9	62.1	53.9
62,5°	250.9	212.1	202.5	214.5	234.1	246.4	188.8	127.3	69.0	57.7	51.1	55.3	46.7
65,0°	211.1	170.6	159.3	163.0	173.7	181.9	153.1	99.2	65.2	56.6	49.8	52.5	40.8
67,5°	168.2	126.0	114.3	116.7	120.5	120.1	140.4	91.3	72.1	60.4	50.8	48.1	36.0
70,0°	138.3	97.8	76.9	73.8	76.5	76.9	155.8	99.2	79.3	62.1	49.8	45.3	31.9
72,5°	108.5	73.8	47.4	44.3	44.3	46.0	147.9	94.4	73.8	59.4	51.5	46.7	28.8
75,0°	86.5	54.2	35.4	31.2	29.9	29.5	99.5	72.8	60.8	50.5	48.4	45.3	28.5
77,5°	63.5	31.6	26.4	23.7	22.7	22.7	77.9	58.3	51.8	44.6	43.2	39.8	26.8
80,0°	32.3	20.6	19.9	19.2	18.5	18.5	55.3	47.0	44.6	39.5	35.7	33.0	24.7
82,5°	16.8	15.8	15.4	15.8	15.8	15.8	37.8	35.4	34.3	30.9	28.8	26.4	20.6
85,0°	14.1	13.7	14.1	14.1	13.7	13.7	22.0	24.0	26.8	27.1	24.0	21.6	18.9
87,5°	13.0	13.0	13.0	13.0	13.0	13.0	17.8	18.9	19.9	18.9	17.2	16.5	15.1
90,0°	11.7	11.7	11.7	11.7	11.7	11.7	12.0	12.0	11.7	11.3	11.0	10.6	10.0
92,5°	11.0	11.0	11.3	11.3	11.0	11.0	11.0	10.6	10.6	10.0	10.0	9.3	8.9
95,0°	10.3	10.3	10.6	10.3	10.3	10.3	10.0	10.0	9.3	9.3	8.6	8.2	7.9
97,5°	9.6	9.6	9.6	10.0	9.6	9.6	9.3	8.9	8.6	8.2	7.9	7.6	7.2
100,0°	8.9	9.3	9.6	9.3	8.9	8.9	8.6	8.2	7.9	7.9	7.2	6.9	6.5
102,5°	8.9	8.9	8.9	8.9	8.9	8.9	7.9	7.9	7.6	7.2	6.9	6.5	6.2
105,0°	8.2	8.2	8.2	8.2	8.2	8.2	7.2	7.2	6.9	6.5	6.2	6.2	5.8
107,5°	7.6	7.6	8.2	8.2	7.9	7.6	6.9	6.9	6.5	6.2	5.8	5.5	5.1
110,0°	7.6	7.6	7.6	7.6	7.6	6.9	6.5	6.2	6.2	5.8	5.5	5.1	4.8
112,5°	6.9	6.9	7.6	7.6	7.2	6.2	6.2	5.8	5.5	5.5	5.1	4.8	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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	0.0	0.0
2,5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.2	7.2	7.6	0.1	0.1
5,0°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.2	7.2	7.6	0.2	0.3
7,5°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.6	7.6	7.2	7.6	0.6	0.9
10,0°	9.6	9.3	8.9	8.9	8.9	8.9	8.2	7.9	7.6	7.2	7.6	1.2	2.1
12,5°	23.3	17.5	12.0	10.0	9.3	9.3	8.6	7.9	7.2	7.2	7.6	2.7	4.8
15,0°	34.0	34.3	29.9	26.1	17.2	11.3	10.3	8.9	7.9	7.6	7.6	4.5	9.3
17,5°	42.6	32.3	25.1	22.3	20.9	20.3	15.1	14.1	13.0	9.3	8.9	7.4	16.7
20,0°	45.6	36.0	28.8	26.4	27.8	17.5	12.4	16.5	23.3	25.7	26.8	9.9	26.5
22,5°	41.2	31.2	26.8	26.8	26.8	20.9	15.8	24.4	26.1	22.3	22.7	12.9	39.4
25,0°	39.1	29.9	25.7	23.7	25.1	21.6	18.5	26.8	30.5	32.6	33.0	15.1	54.5
27,5°	42.2	33.3	26.8	27.8	28.8	25.7	25.7	28.8	27.1	29.2	30.9	17.6	72.1
30,0°	43.6	38.8	33.3	30.9	27.8	25.7	27.8	33.0	29.9	28.8	28.8	20.9	93.1
32,5°	62.5	54.2	40.5	34.7	31.6	29.2	27.1	31.2	28.5	27.5	28.1	24.6	117.7
35,0°	83.4	70.4	57.3	50.5	43.9	36.0	27.8	35.0	31.2	27.8	28.1	28.7	146.4
37,5°	87.5	76.5	65.6	59.0	48.7	37.4	32.6	41.9	38.1	34.3	34.3	33.0	179.4
40,0°	87.2	75.9	65.6	60.1	50.8	39.5	35.0	47.4	46.3	43.2	43.9	36.8	216.2
42,5°	87.9	75.9	66.2	62.8	53.2	42.6	37.1	48.4	47.4	44.6	45.3	40.9	257.1
45,0°	88.2	76.9	67.6	63.5	53.9	43.2	37.4	47.4	46.7	42.9	44.6	44.5	301.7
47,5°	87.2	77.2	67.3	63.8	52.9	43.2	36.7	45.6	45.3	41.5	42.6	48.3	350.0
50,0°	81.3	74.1	65.2	63.2	51.1	41.9	35.7	42.6	42.6	38.1	40.5	51.6	401.6
52,5°	77.6	72.8	64.2	62.1	49.8	40.2	34.3	39.1	38.8	35.0	36.4	54.7	456.3
55,0°	72.4	70.4	62.8	59.4	47.7	36.7	31.9	36.0	35.4	30.9	33.6	57.3	513.7
57,5°	67.6	67.6	61.4	56.6	46.0	34.7	29.9	33.0	31.9	27.8	29.5	59.4	573.1
60,0°	59.7	61.4	57.3	55.3	45.0	33.3	27.5	29.5	29.2	24.4	26.8	59.1	632.1
62,5°	53.5	55.6	52.9	58.3	47.0	37.8	25.7	27.5	26.4	22.0	22.7	56.9	689.0
65,0°	47.7	52.5	49.4	58.0	50.8	40.5	25.1	25.4	24.4	19.6	22.0	53.3	742.3
67,5°	43.9	49.8	50.8	58.0	51.8	43.9	24.0	23.7	22.0	17.8	18.5	50.4	792.7
70,0°	40.5	43.6	48.7	54.6	49.8	39.1	25.7	22.0	19.9	16.1	17.8	46.8	839.5
72,5°	35.0	40.5	44.6	51.5	48.4	34.3	27.5	20.9	17.5	14.4	15.8	42.7	882.2
75,0°	32.6	37.4	37.1	41.9	35.4	24.7	22.7	18.5	15.4	12.4	13.7	34.6	916.8
77,5°	27.5	29.5	27.8	31.6	23.0	18.5	16.1	15.8	13.4	11.0	11.7	24.6	941.3
80,0°	22.7	19.6	17.5	21.6	18.2	18.2	15.4	14.1	11.0	9.3	9.6	14.0	955.4
82,5°	17.8	14.8	13.4	15.8	15.1	16.1	14.1	12.7	10.0	8.6	8.2	8.4	963.7
85,0°	14.1	11.3	9.6	12.4	12.4	13.4	11.7	11.0	8.6	7.2	7.6	5.0	968.8
87,5°	11.7	9.3	7.9	10.0	10.3	10.6	9.6	9.6	7.6	6.9	6.9	3.8	972.6
90,0°	8.2	6.2	5.5	8.2	8.6	8.2	7.9	7.9	6.5	5.5	5.5	2.8	975.4
92,5°	7.6	5.8	4.8	6.9	6.9	6.9	6.5	6.5	5.1	4.8	4.8	2.5	977.9
95,0°	6.5	5.1	4.5	5.5	5.8	5.8	5.5	5.5	4.8	4.5	4.1	2.3	980.2
97,5°	6.2	4.8	4.1	4.8	5.5	5.1	4.8	4.8	4.5	4.1	4.1	2.1	982.4
100,0°	5.8	4.8	4.1	4.8	4.8	4.8	4.8	4.8	4.1	4.1	4.1	2.0	984.3
102,5°	5.5	4.8	4.1	4.8	4.8	4.1	4.1	4.1	4.1	3.8	4.1	1.8	986.2
105,0°	5.1	4.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.4	3.4	1.7	987.9
107,5°	4.8	4.1	3.8	3.8	4.1	3.8	3.8	3.8	3.4	3.4	3.4	1.6	989.5
110,0°	4.8	4.1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	1.5	990.9
112,5°	4.1	4.1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	2.7	1.4	992.3

Photometric test report

Family CITY-LIGHT PLUS LED	Order number: 5XA5275KF14H EAN: 4058352835258	LP number 57130_31
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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°	5.8	6.2	6.2	6.2	5.8	5.8	5.5	5.5	5.5	5.5	5.8	6.2	6.2
117,5°	5.5	5.5	5.8	5.8	5.5	5.5	5.5	5.1	5.5	5.5	5.5	5.5	6.2
120,0°	4.8	5.1	5.5	5.5	5.1	5.1	4.8	4.8	5.1	5.1	5.5	5.5	5.5
122,5°	4.8	4.8	5.1	5.1	4.8	4.5	4.8	4.8	4.8	4.8	4.8	4.8	5.5
125,0°	4.1	3.8	4.1	3.8	3.8	3.8	3.8	3.8	3.8	4.1	4.1	4.1	4.1
127,5°	2.7	2.7	3.1	3.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
130,0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.7	1.7	2.1	2.1
132,5°	2.1	2.1	2.1	1.7	1.7	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4
135,0°	1.4	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
137,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
140,0°	1.4	1.4	1.4	1.4	1.0	1.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7
142,5°	1.4	1.4	1.0	1.0	1.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145,0°	1.4	1.4	1.0	1.0	1.0	1.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147,5°	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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: 5XA5275KF14H EAN: 4058352835258	LP number 57130_31
		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°	6.9	6.9	6.9	6.9	6.5	4.1	5.8	5.5	5.1	5.1	4.8	4.8	4.5
117,5°	6.2	6.5	6.9	6.9	5.5	2.1	5.1	4.8	4.8	4.8	4.8	4.8	4.1
120,0°	6.2	6.2	6.2	6.2	4.8	2.1	4.8	4.8	4.8	4.5	4.1	4.1	4.1
122,5°	5.5	5.5	5.5	6.2	4.1	2.1	4.5	4.5	4.1	4.1	4.1	3.8	3.4
125,0°	4.1	4.8	4.8	4.8	3.1	1.4	3.8	3.8	3.4	3.4	3.4	3.1	3.1
127,5°	2.7	2.7	3.1	2.7	2.1	1.4	2.7	2.7	2.7	2.7	2.7	2.7	2.4
130,0°	2.1	2.1	2.1	2.1	1.4	0.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
132,5°	1.4	1.4	1.4	1.4	1.4	0.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
135,0°	1.4	1.4	1.4	1.4	1.0	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
137,5°	1.4	1.4	1.4	1.0	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.7	1.4
140,0°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.4	1.4	1.4	1.4	1.4	1.4
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

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°	4.1	4.1	3.4	3.1	3.4	2.7	2.7	3.1	2.7	2.7	2.7	1.3	993.6
117,5°	4.1	3.4	3.4	3.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.1	994.7
120,0°	4.1	3.4	3.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.1	995.8
122,5°	3.4	3.4	3.4	2.7	2.7	2.4	2.4	2.7	2.7	2.4	2.1	1.0	996.7
125,0°	2.7	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.8	997.5
127,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.5	998.0
130,0°	2.1	2.1	2.1	2.1	1.7	1.7	2.1	1.7	1.7	1.4	1.4	0.4	998.4
132,5°	2.1	1.7	2.1	2.1	1.4	1.4	1.4	1.4	1.7	1.4	1.4	0.3	998.8
135,0°	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.3	999.1
137,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.2	999.3
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.2	999.5
142,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.2	999.7
145,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.2	999.9
147,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	1.4	1.4	0.2	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: 5XA5275KF14H EAN: 4058352835258	LP number 57130_31
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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	1470	10.0	10.4	10.2
95	241	252	1395	9.5	9.9	9.7
90	229	250	1325	9.0	9.3	9.2
85	216	248	1250	8.5	8.8	8.6
80	203	246	1175	8.0	8.3	8.2
75	190	243	1100	7.6	7.7	7.6
70	178	241	1030	7.1	7.3	7.2
65	165	238	955	6.6	6.8	6.7
60	152	235	880	6.1	6.4	6.2
55	140	232	810	5.7	5.9	5.8
50	127	229	735	5.3	5.5	5.4
45	114	225	660	4.8	5.0	4.9
40	102	221	590	4.4	4.6	4.5
35	89	216	515	4.0	4.1	4.0
30	76	210	440	3.6	3.7	3.6
30	75	209	434	3.5	3.7	3.6