

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275MF14HP**
EAN: **4058352835357**

LP number
58710_21



Version post-top- or mounting to wall arm
Optic asymmetric, wide distribution (ST1.2a)
Cover cover transparent, PMMA
Lamps LED 2700 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 4040 lm
Power consumption = 33.6 W
Luminous efficacy = 120.2 lm/W

serial
documentation
04.11.2022

siteco

Luminous intensity in cd/klm

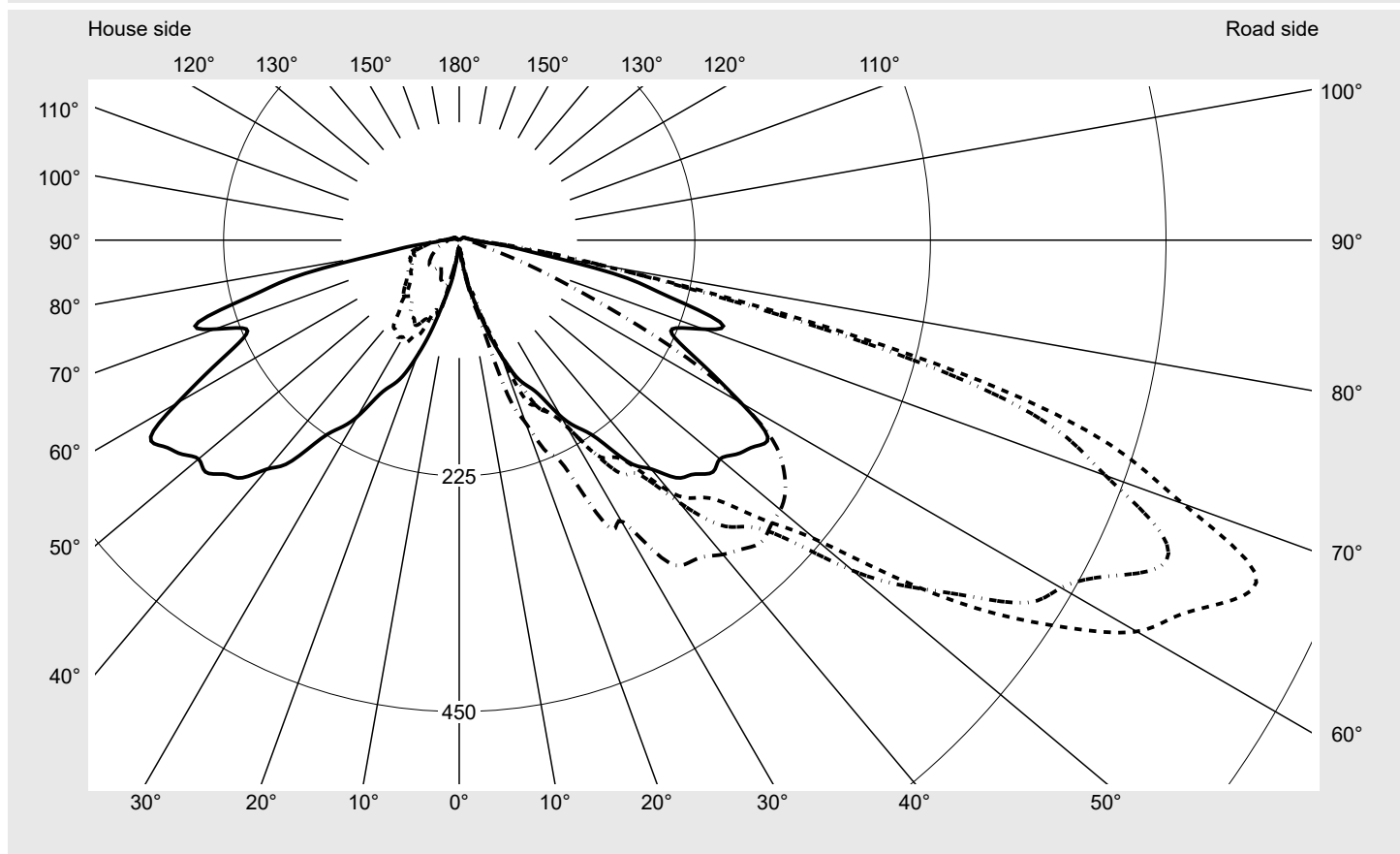
C180-0

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

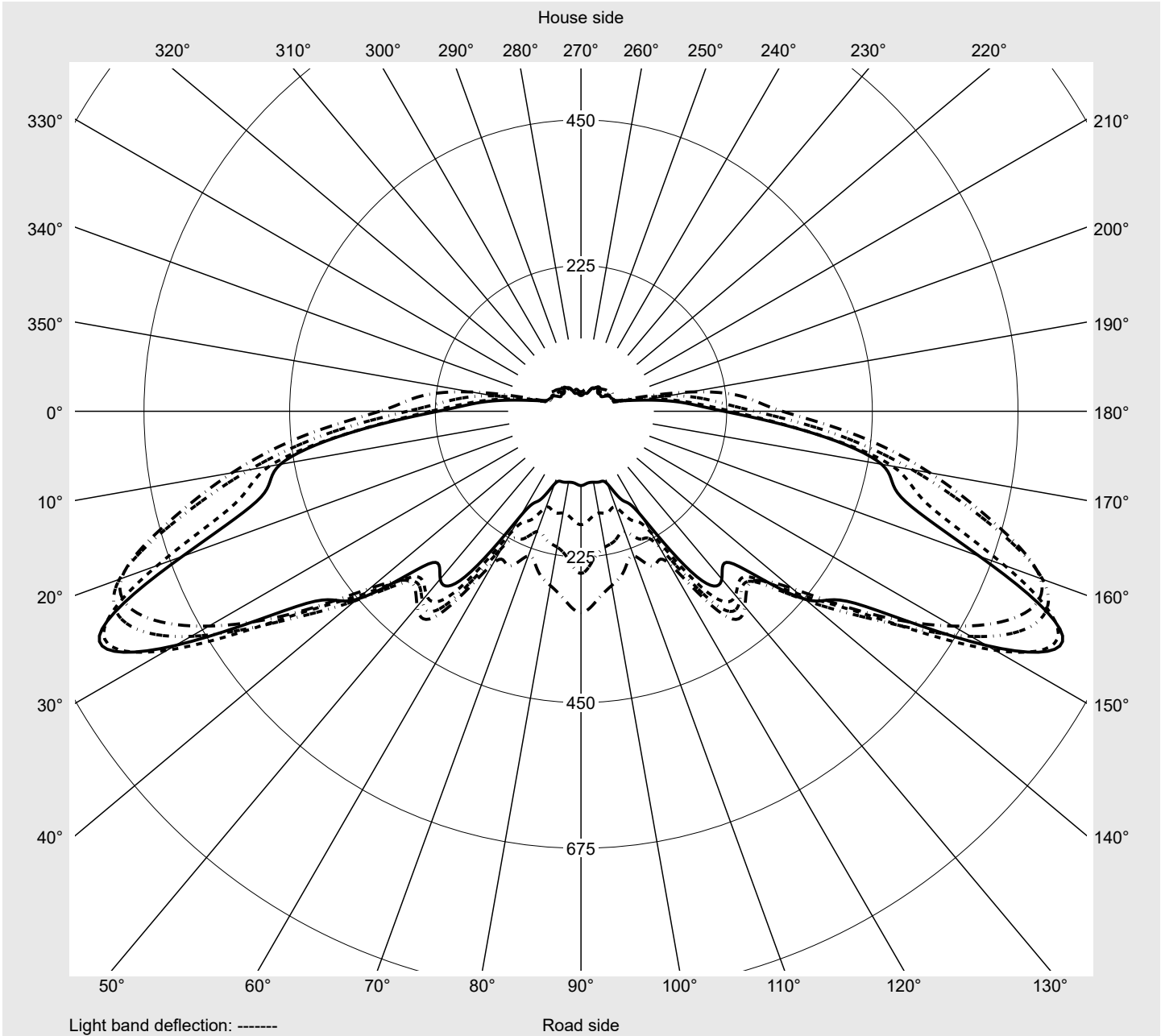
Measurement conditions

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: 5XA5275MF14HP EAN: 4058352835357	LP number 58710_21
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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												
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: 5XA5275MF14HP EAN: 4058352835357	LP number 58710_21
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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: 5XA5275MF14HP EAN: 4058352835357	LP number 58710_21
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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	4040	33.6	35.9	34.8
95	241	252	3833	31.3	33.5	32.4
90	229	250	3642	29.4	31.4	30.4
85	216	248	3436	27.3	29.2	28.2
80	203	246	3229	25.4	27.1	26.2
75	190	243	3022	23.5	25.1	24.3
70	178	241	2831	21.9	23.3	22.6
65	165	238	2624	20.1	21.4	20.8
60	152	235	2418	18.4	19.5	19.0
55	140	232	2227	16.8	17.9	17.4
50	127	229	2020	15.2	16.2	15.7
45	114	225	1813	13.6	14.5	14.0
40	102	221	1622	12.2	13.0	12.6
35	89	216	1416	10.7	11.3	11.0
30	76	210	1209	9.2	9.7	9.4
25	63	203	1002	7.8	8.2	8.0
20	51	195	811	6.6	6.9	6.8
15	38	184	604	5.2	5.5	5.4
11	28	173	445	4.1	4.4	4.2