

## Photometric test report

Family  
**CITY-LIGHT PLUS LED**

Order number: **5XA5275MF14H**  
EAN: **4058352835340**

LP number  
**57130\_34**



**Version** post-top- or mounting to wall arm  
**Optic** direct, symmetric wide distribution S120011  
**Cover** cover transparent, PMMA  
**Lamps** LED 2700 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 1470 lm  
Power consumption = 11.8 W  
Luminous efficacy = 124.6 lm/W

serial  
documentation  
26.10.2022

siteco

Luminous intensity in cd/klm

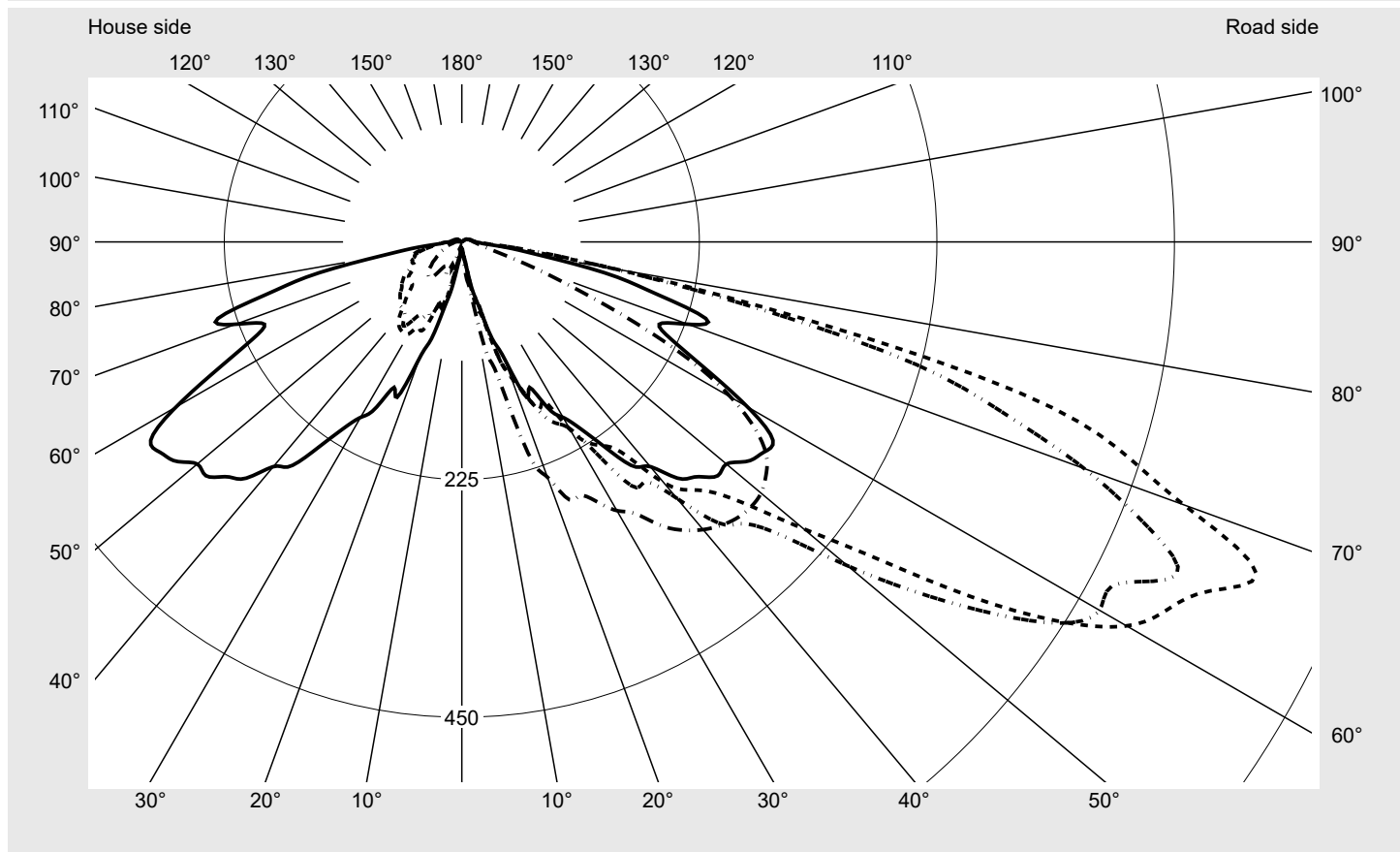
C180-0

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

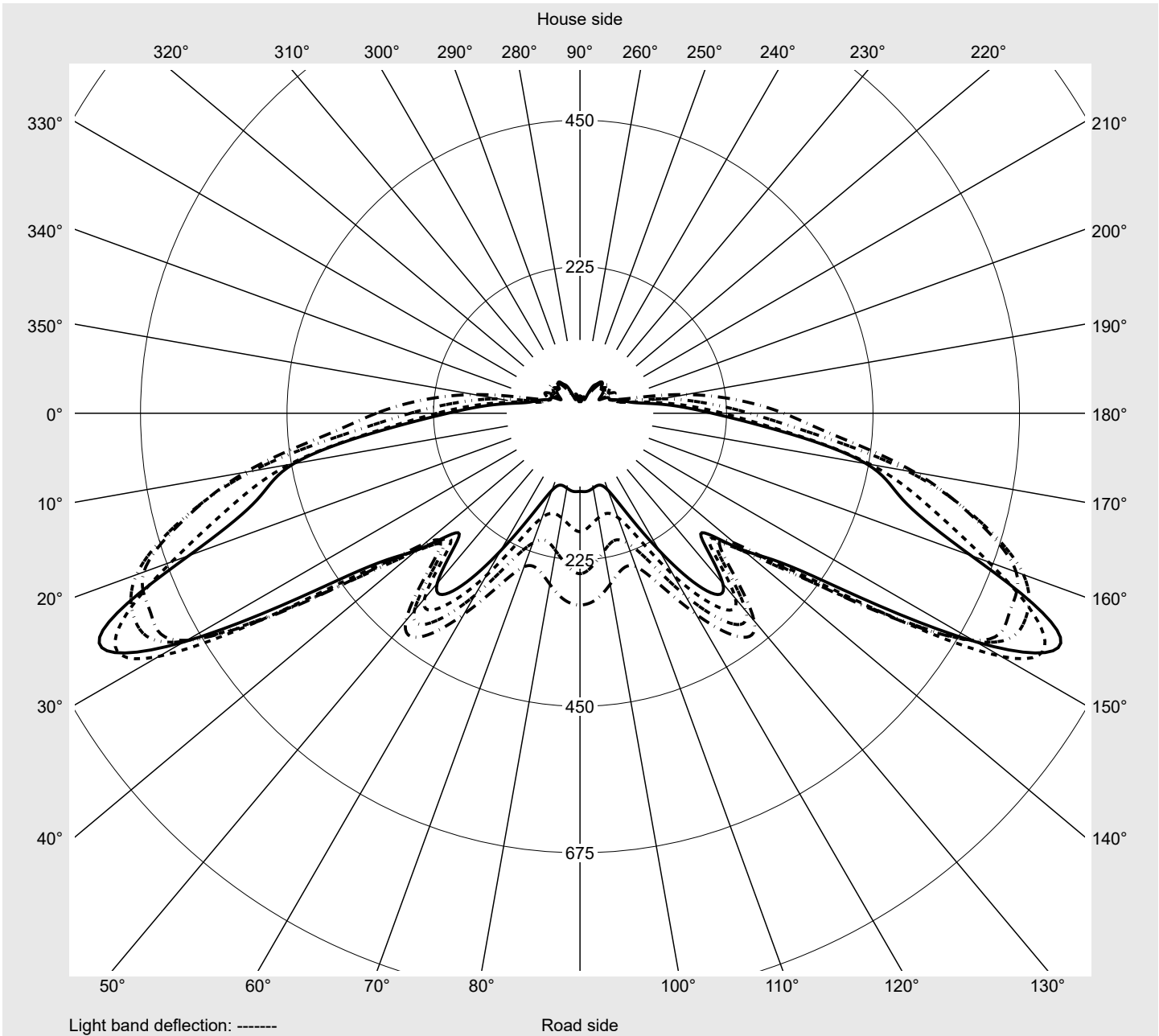
### Measurement conditions

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

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°
$\gamma$	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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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

<b>Family</b> CITY-LIGHT PLUS LED	<b>Order number: 5XA5275MF14H</b> <b>EAN: 4058352835340</b>	<b>LP number</b> 57130_34
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>	<b>siteco</b>
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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°
$\gamma$	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

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275MF14H</b> <b>EAN: 4058352835340</b>	<b>LP number</b> <b>57130_34</b>
		<b>siteco</b>

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	1.4	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

<b>Family</b> CITY-LIGHT PLUS LED	<b>Order number: 5XA5275MF14H</b> <b>EAN: 4058352835340</b>	<b>LP number</b> 57130_34
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	11.8	12.1	12.0
95	241	252	1395	11.1	11.4	11.2
90	229	250	1325	10.6	10.8	10.7
85	216	248	1250	9.9	10.2	10.0
80	203	246	1175	9.3	9.6	9.4
75	190	243	1100	8.7	9.0	8.8
70	178	241	1030	8.2	8.4	8.3
65	165	238	955	7.6	7.7	7.6
60	152	235	880	7.0	7.2	7.1
55	140	232	810	6.5	6.6	6.6
50	127	229	735	6.0	6.1	6.0
45	114	225	660	5.4	5.6	5.5
40	102	221	590	5.0	5.1	5.0
35	89	216	515	4.5	4.6	4.6
30	76	210	440	4.0	4.0	4.0
26	65	204	376	3.6	3.7	3.6