
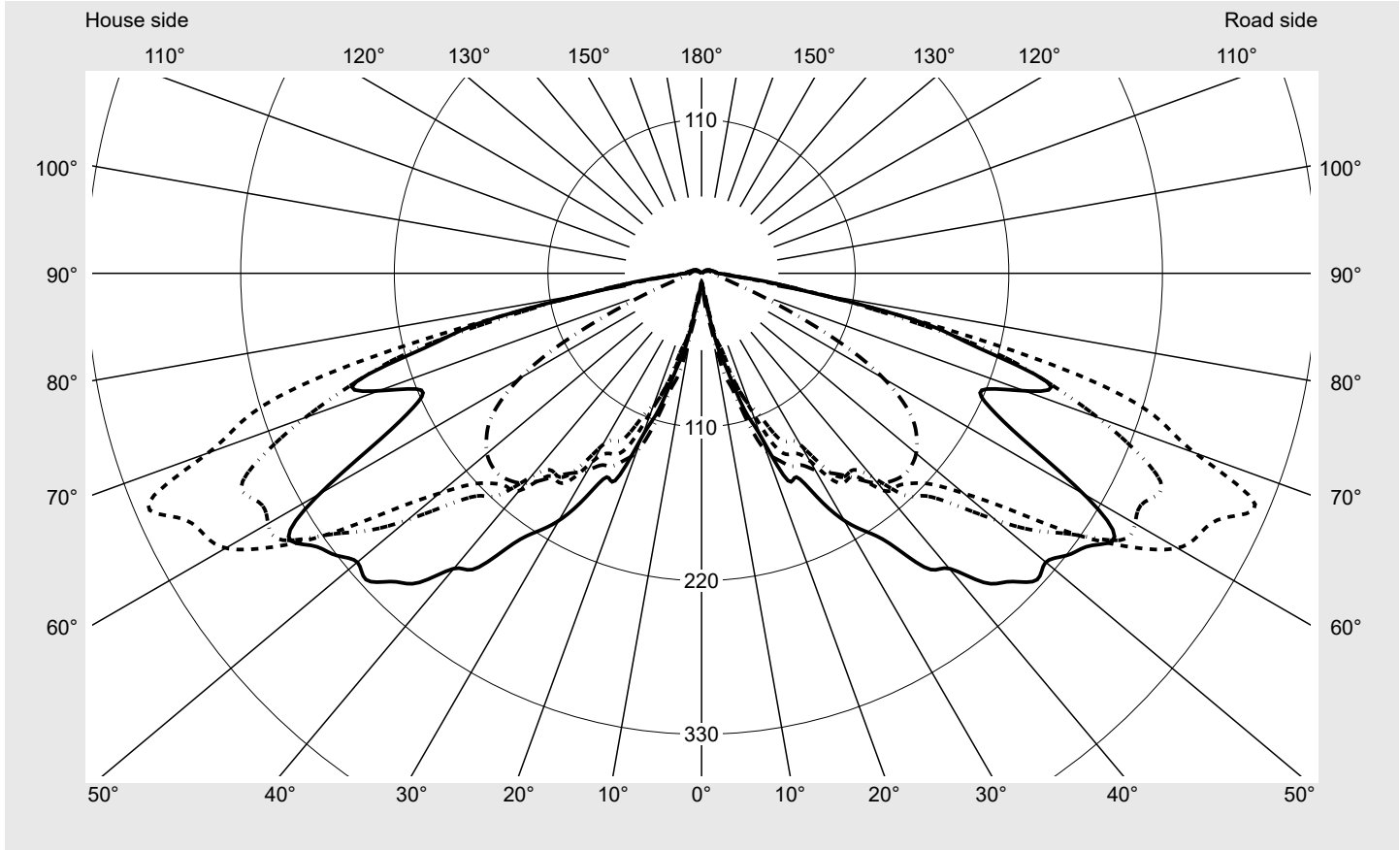


# Photometric test report

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275CF14H</b> <b>EAN: 4058352835197</b>	<b>LP number</b> <b>57132_24</b>
	<b>Version</b> post-top- or mounting to wall arm <b>Optic</b> symmetric, wide distribution (PL1.2s) <b>Cover</b> cover transparent, PMMA <b>Lamps</b> LED 2200 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 2840 lm Power consumption = 23.9 W Luminous efficacy = 118.8 lm/W	<b>serial documentation</b> <b>24.02.2023</b>



**Luminous intensity in cd/klm** C180-0 C205-25 C210-30 C270-90 **Imax: 428 cd/klm**



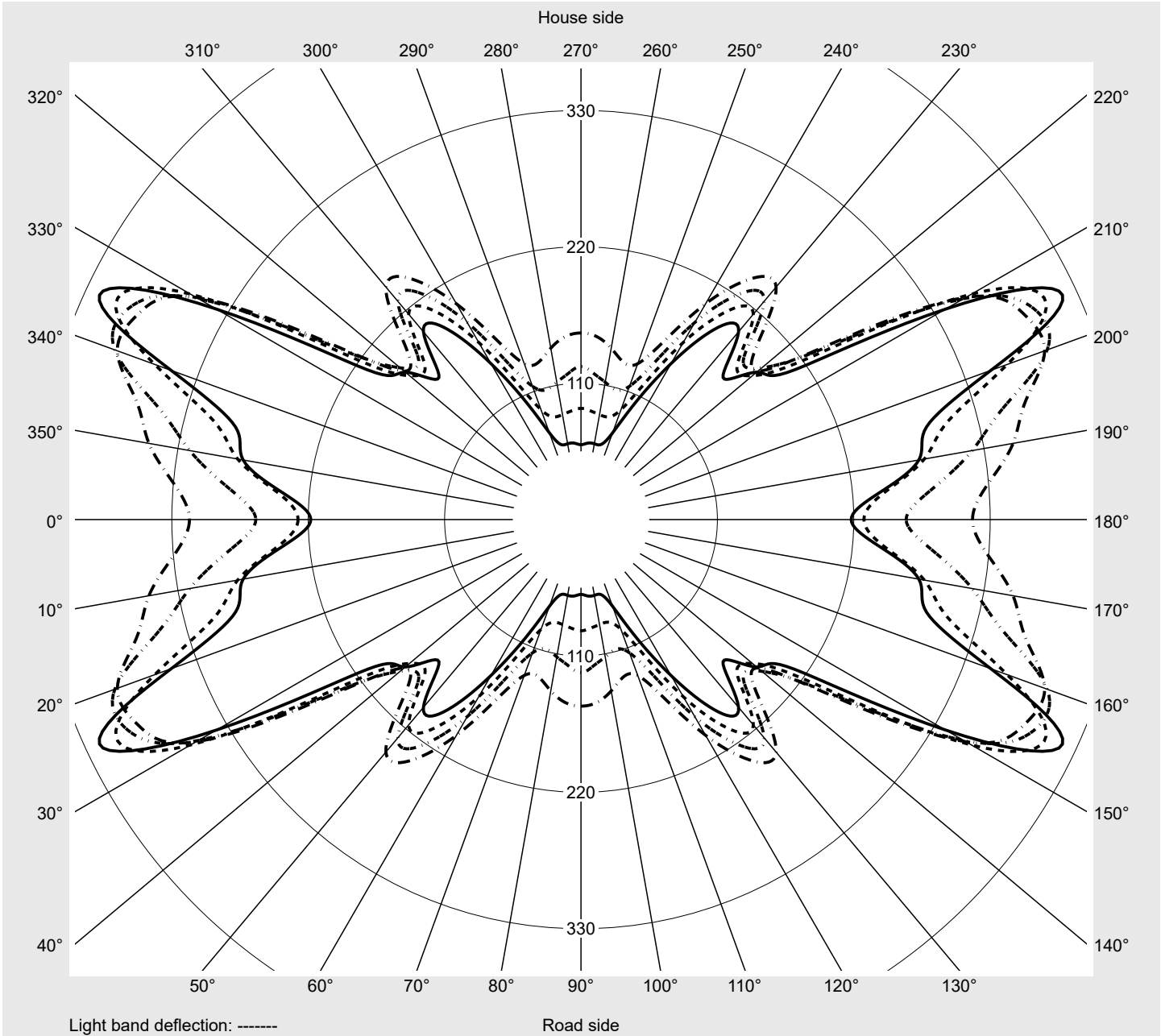
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	97.5%
Eta 90° - 180°	2.5%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G3
Imax 70°	375.9
Imax 80°	93.9
Imax 90°	12.3
Imax >90°	11.5
Imax >95°	9.8

**Photometric test report**

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**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**      **siteco**



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


C-planes	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°	
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	135° 225° 315°	
γ		Luminous intensity in cd/klm									
0,0°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	
2,5°	7.3	7.3	7.6	7.5	7.6	7.7	7.7	7.7	7.7	7.8	
5,0°	9.0	8.9	9.2	9.3	9.6	9.8	10.2	10.3	10.9	11.5	
7,5°	21.0	20.3	19.1	17.3	14.8	12.8	11.8	11.8	13.1	15.6	
10,0°	29.8	29.6	31.1	31.4	28.8	24.5	21.0	21.1	25.9	31.6	
12,5°	55.4	53.4	56.1	46.7	47.2	46.5	47.4	46.8	46.2	46.0	
15,0°	72.8	68.3	66.0	69.3	72.1	65.5	57.8	56.1	62.4	75.2	
17,5°	103.0	98.8	101.6	92.5	91.5	85.2	85.3	82.1	74.0	81.8	
20,0°	124.4	134.5	140.6	118.0	114.1	104.4	100.2	92.9	85.1	93.4	
22,5°	159.9	153.9	153.6	146.0	141.9	130.6	111.6	103.0	84.8	95.4	
25,0°	161.0	155.4	157.7	147.4	146.0	142.9	130.2	119.9	87.0	101.5	
27,5°	182.2	180.9	174.3	163.7	152.1	145.4	135.1	127.7	92.2	116.6	
30,0°	204.4	210.4	201.8	182.0	166.4	155.0	142.1	128.2	97.1	131.4	
32,5°	219.2	212.1	204.3	194.2	181.6	176.1	166.5	150.0	110.4	157.7	
35,0°	237.4	236.8	221.9	199.3	185.1	181.1	177.9	166.8	127.1	171.0	
37,5°	266.7	261.4	245.2	213.1	199.4	183.7	177.6	172.1	134.4	192.8	
40,0°	275.9	273.9	251.9	228.9	217.4	203.2	190.3	180.0	140.9	207.0	
42,5°	300.6	290.7	267.8	243.4	222.3	206.9	215.7	190.2	146.2	226.3	
45,0°	312.1	315.3	292.4	266.3	236.2	212.7	225.2	197.4	158.1	225.7	
47,5°	325.2	329.0	322.3	296.6	251.4	223.6	244.8	205.4	166.5	238.3	
50,0°	321.7	338.1	345.7	318.1	270.3	245.0	274.7	223.5	173.3	235.6	
52,5°	331.2	337.7	349.8	332.6	294.2	277.4	302.9	238.4	175.4	232.3	
55,0°	339.9	347.0	348.8	351.5	329.1	325.1	326.2	246.9	182.9	223.7	
57,5°	350.6	355.7	354.0	364.2	368.7	364.9	355.6	248.0	186.8	215.8	
60,0°	315.8	329.5	353.9	371.4	398.0	393.5	358.5	248.4	186.1	202.1	
62,5°	262.2	284.5	320.4	353.9	400.1	402.8	356.3	243.1	190.4	186.0	
65,0°	228.2	245.0	281.2	306.4	365.8	413.8	363.7	232.4	180.6	178.6	
67,5°	217.9	240.5	276.7	288.5	351.7	428.5	339.5	210.9	185.0	162.1	
70,0°	246.0	264.9	279.5	294.0	328.2	375.9	302.1	190.2	159.9	140.1	
72,5°	260.1	265.2	264.1	283.3	320.1	340.7	260.4	166.2	136.7	101.6	
75,0°	203.8	207.5	223.5	241.2	274.4	275.6	214.3	127.2	87.1	64.1	
77,5°	160.1	152.5	151.2	164.9	175.6	164.3	143.0	72.9	41.3	48.6	
80,0°	81.8	75.0	83.5	93.9	91.0	85.1	86.4	40.6	39.0	37.2	
82,5°	49.7	45.3	47.4	57.6	49.7	42.7	48.3	29.1	33.0	25.9	
85,0°	22.0	22.9	24.9	27.1	25.2	24.3	24.6	18.6	21.1	15.4	
87,5°	16.6	16.9	18.2	19.1	18.6	18.2	18.4	15.1	14.7	11.8	
90,0°	11.3	11.4	12.1	12.3	12.0	11.6	11.3	10.6	8.9	7.9	
92,5°	10.6	10.7	11.3	11.5	11.2	10.8	10.5	9.9	8.4	7.5	
95,0°	10.0	10.1	10.5	10.7	10.4	10.0	9.7	9.2	7.9	7.0	
97,5°	9.3	9.4	9.8	9.8	9.6	9.2	8.9	8.4	7.4	6.6	
100,0°	8.7	8.7	9.0	9.0	8.7	8.4	8.2	7.7	6.9	6.2	
102,5°	8.0	8.0	8.2	8.2	7.9	7.6	7.4	7.0	6.3	5.8	
105,0°	7.4	7.4	7.4	7.3	7.1	6.8	6.6	6.2	5.8	5.4	
107,5°	6.9	6.9	6.9	6.8	6.5	6.3	6.1	5.8	5.5	5.1	
110,0°	6.4	6.4	6.4	6.3	6.0	5.8	5.6	5.3	5.2	4.8	

## Photometric test report

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275CF14H</b> <b>EAN: 4058352835197</b>	<b>LP number</b> <b>57132_24</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-zone	Total Phi-zone
	130°	125°	120°	115°	110°	105°	100°	95°			
	230°	235°	240°	245°	250°	255°	260°	265°	270°		
	310°	305°	300°	295°	290°	285°	280°	275°			
$\gamma$	Luminous intensity in cd/klm									Luminous flux in lm/klm	
0,0°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	0.0	0.0
2,5°	7.8	7.9	7.9	8.1	8.2	8.2	8.2	8.1	8.1	0.1	0.1
5,0°	12.1	12.8	13.4	13.6	13.8	13.9	13.9	14.0	13.9	0.3	0.4
7,5°	18.6	21.4	23.5	24.8	26.8	28.0	28.8	29.1	28.9	0.7	1.1
10,0°	37.1	40.1	42.1	41.9	42.1	42.3	41.6	42.3	41.5	1.6	2.7
12,5°	47.3	49.2	54.5	61.2	67.9	68.9	70.6	71.5	71.9	3.3	6.0
15,0°	79.3	77.3	80.6	81.3	84.0	86.3	86.6	86.5	86.5	5.3	11.2
17,5°	87.8	80.2	92.1	98.5	105.0	112.7	114.6	114.7	114.5	7.8	19.1
20,0°	101.6	102.0	110.1	111.9	113.1	123.1	131.0	135.0	136.1	10.6	29.7
22,5°	103.4	105.1	120.4	125.2	126.6	136.7	143.0	144.6	144.9	13.3	43.0
25,0°	107.8	113.5	131.4	136.9	137.2	144.2	151.0	152.0	152.4	15.6	58.5
27,5°	119.2	118.9	141.1	152.0	152.8	156.1	155.8	154.7	154.8	18.3	76.9
30,0°	141.6	136.5	152.1	163.6	164.3	163.8	164.0	162.8	162.7	21.7	98.5
32,5°	167.2	155.1	164.2	176.4	175.9	171.9	170.0	169.3	169.3	25.3	123.9
35,0°	187.7	185.9	186.0	188.4	187.2	180.5	177.6	176.5	176.4	29.2	153.1
37,5°	200.2	206.6	207.6	198.7	196.1	188.5	186.0	186.0	186.2	33.2	186.2
40,0°	217.3	218.2	222.6	210.5	203.2	196.1	196.1	196.2	196.3	37.1	223.3
42,5°	239.3	228.8	234.7	221.6	205.7	200.9	201.0	201.5	201.7	41.1	264.4
45,0°	251.9	242.1	238.9	228.5	207.8	203.6	204.0	204.5	204.4	44.9	309.3
47,5°	259.0	250.6	241.5	226.4	203.9	203.2	203.5	204.0	203.8	48.7	358.0
50,0°	263.2	252.9	237.4	218.2	198.4	197.9	200.0	200.3	200.6	52.0	410.0
52,5°	264.9	256.1	234.0	205.8	184.7	188.3	192.3	194.1	194.2	54.7	464.6
55,0°	263.6	256.7	226.7	191.7	170.1	173.7	179.9	183.7	185.4	57.3	521.9
57,5°	255.8	250.7	216.7	175.0	152.1	155.1	163.6	168.9	170.8	59.2	581.1
60,0°	244.8	236.5	200.9	158.9	133.8	131.5	140.3	148.0	150.5	58.9	640.1
62,5°	229.8	221.8	183.6	139.3	114.4	108.3	112.5	118.3	123.5	56.2	696.3
65,0°	216.2	205.0	164.9	120.8	94.3	85.7	85.9	88.0	89.7	52.3	748.5
67,5°	197.7	187.1	145.2	104.4	74.4	62.7	62.1	61.9	60.4	49.5	798.0
70,0°	176.3	165.9	124.1	87.9	60.6	44.6	40.9	40.2	40.7	46.1	844.1
72,5°	140.3	136.0	105.0	72.1	49.1	32.8	28.0	26.5	26.8	41.7	885.8
75,0°	114.2	117.4	88.8	55.3	36.1	26.1	21.9	19.9	19.9	33.9	919.7
77,5°	91.3	94.6	71.2	38.7	22.6	19.7	17.6	16.1	15.6	23.4	943.1
80,0°	45.0	48.7	34.9	22.4	16.8	15.6	14.6	13.4	13.1	13.4	956.5
82,5°	22.9	19.7	17.1	15.3	14.7	13.6	12.4	11.7	11.1	8.1	964.6
85,0°	12.1	13.2	13.4	12.7	12.3	12.0	11.1	10.4	10.3	4.8	969.4
87,5°	10.0	11.2	11.3	11.1	10.9	10.7	10.1	9.3	9.1	3.8	973.2
90,0°	8.0	9.4	9.8	9.7	9.7	9.6	9.1	8.4	8.1	2.8	976.0
92,5°	7.5	8.7	9.1	9.0	8.7	8.7	8.3	7.6	7.7	2.6	978.5
95,0°	7.0	8.1	8.5	8.4	7.8	7.9	7.5	7.0	7.3	2.4	980.9
97,5°	6.5	7.4	7.8	7.8	7.1	7.2	6.9	6.5	6.9	2.2	983.1
100,0°	6.0	6.8	7.1	7.1	6.5	6.7	6.5	6.1	6.5	2.0	985.1
102,5°	5.5	6.1	6.4	6.5	6.2	6.3	6.1	5.9	6.2	1.8	986.9
105,0°	5.0	5.4	5.8	5.8	5.9	6.0	5.9	5.8	5.8	1.7	988.5
107,5°	4.9	5.0	5.3	5.4	5.5	5.6	5.5	5.4	5.2	1.5	990.0
110,0°	4.7	4.7	5.0	5.0	5.1	5.2	5.2	5.0	4.7	1.4	991.4

## Photometric test report

Family <b>CITY-LIGHT PLUS LED</b>	Order number: <b>5XA5275CF14H</b> EAN: <b>4058352835197</b>	LP number <b>57132_24</b>
Table of values for luminous intensities		
Maximum luminous intensity		

C-planes	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	135° 225° 315°
		Luminous intensity in cd/klm								
γ										
112,5°	6.4	6.4	6.4	6.3	6.1	5.8	5.7	5.5	5.3	5.1
115,0°	6.0	6.0	6.0	5.9	5.7	5.5	5.3	5.2	5.0	4.9
117,5°	5.5	5.5	5.5	5.4	5.2	5.0	4.9	4.8	4.7	4.6
120,0°	5.1	5.0	5.1	5.0	4.8	4.6	4.5	4.4	4.4	4.3
122,5°	4.5	4.5	4.5	4.5	4.3	4.1	4.0	4.0	4.0	3.9
125,0°	4.0	4.0	4.0	3.9	3.8	3.6	3.5	3.5	3.5	3.5
127,5°	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.6	2.6
130,0°	2.4	2.4	2.4	2.4	2.3	2.2	2.2	2.2	2.1	2.1
132,5°	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7
135,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
137,5°	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
140,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
142,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
145,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
147,5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
150,0°	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
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C-planes	50°	55°	60°	65°	70°	75°	80°	85°	90° 270°	Phi-zone	Total Phi-zone	
	130° 230° 310°	125° 235° 305°	120° 240° 300°	115° 245° 295°	110° 250° 290°	105° 255° 285°	100° 260° 280°	95° 265° 275°				
		Luminous intensity in cd/klm									Luminous flux in lm/klm	
γ												
112,5°	4.6	5.0	5.1	5.2	5.3	5.5	5.5	4.7	3.7	1.4	992.8	
115,0°	4.5	4.7	4.8	4.9	5.0	5.2	5.2	4.3	3.1	1.3	994.1	
117,5°	4.3	4.4	4.5	4.6	4.7	4.9	4.9	3.9	2.6	1.2	995.3	
120,0°	4.2	4.1	4.1	4.2	4.3	4.5	4.5	3.5	2.2	1.0	996.3	
122,5°	3.7	3.7	3.7	3.8	3.9	4.1	4.1	3.1	1.8	0.9	997.2	
125,0°	3.2	3.3	3.3	3.3	3.5	3.6	3.6	2.7	1.5	0.8	998.0	
127,5°	2.5	2.5	2.4	2.5	2.5	2.6	2.8	2.1	1.5	0.6	998.6	
130,0°	2.0	2.0	2.0	2.0	2.0	2.1	2.2	1.7	1.3	0.4	999.0	
132,5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.3	1.1	0.3	999.4	
135,0°	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.2	999.6	
137,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.8	0.2	999.8	
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.5	0.6	0.1	999.9	
142,5°	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.1	1000.0	
145,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.2	0.2	0.0	1000.0	
147,5°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	1000.0	
150,0°	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	1000.0	
180,0°	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: 5XA5275CF14H</b> <b>EAN: 4058352835197</b>	<b>LP number</b> 57132_24
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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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	2840	23.9	25.5	24.7
95	241	252	2695	22.5	24.0	23.2
90	229	250	2560	21.2	22.6	21.9
85	216	248	2415	19.9	21.2	20.5
80	203	246	2270	18.6	19.8	19.2
75	190	243	2124	17.4	18.5	18.0
70	178	241	1990	16.2	17.2	16.7
65	165	238	1845	14.9	15.9	15.4
60	152	235	1700	13.8	14.6	14.2
55	140	232	1565	12.7	13.4	13.0
50	127	229	1420	11.5	12.2	11.8
45	114	225	1275	10.3	11.0	10.6
40	102	221	1140	9.4	9.9	9.6
35	89	216	995	8.2	8.7	8.4
30	76	210	850	7.2	7.6	7.4
25	63	203	704	6.2	6.5	6.4
20	51	195	570	5.3	5.5	5.4
15	38	184	425	4.2	4.4	4.3
15	37	183	414	4.1	4.3	4.2