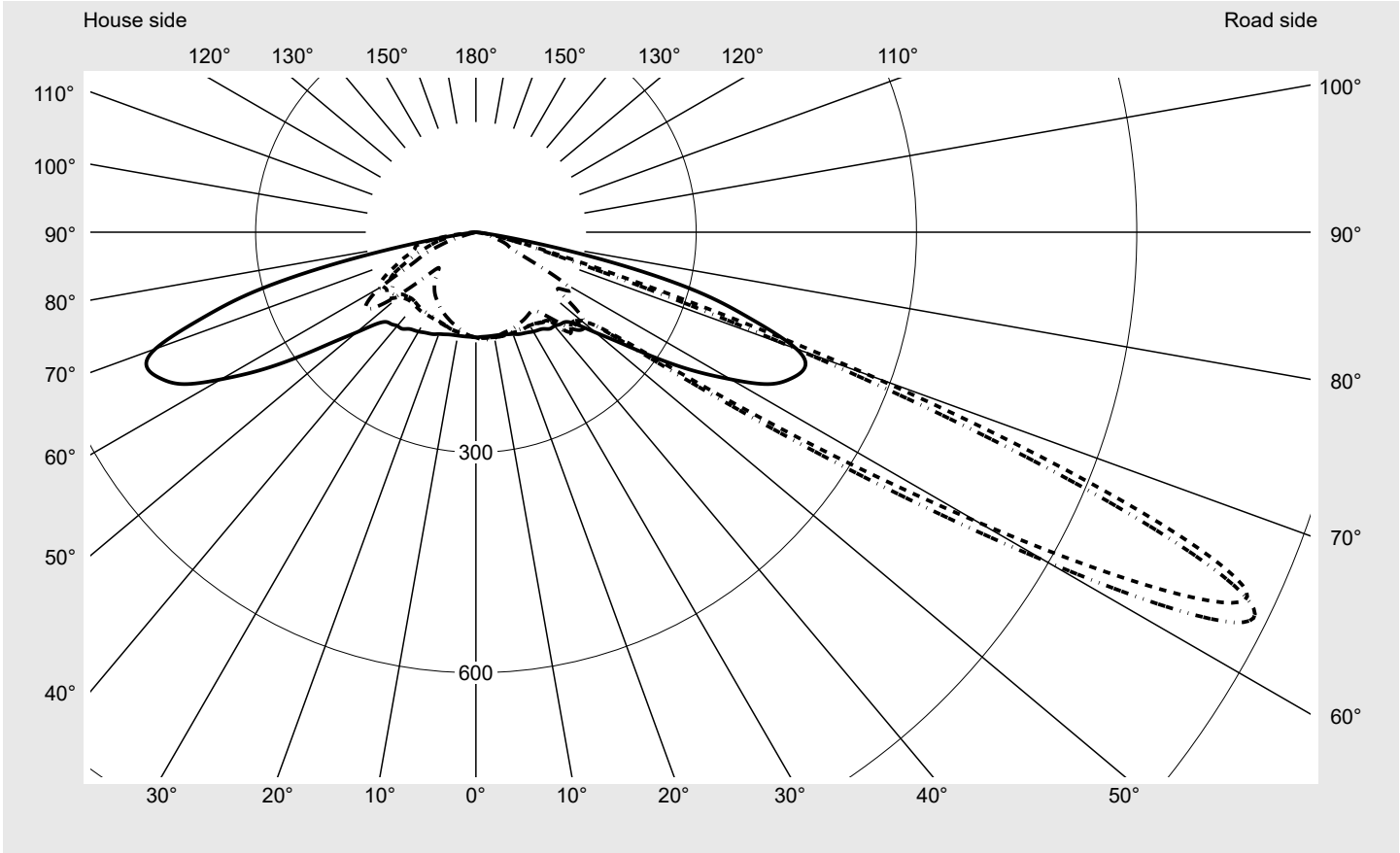


# Photometric test report

<b>Family</b> <b>Streetlight 31 maxi toolless</b>	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> <b>59337_1251</b>
	<b>Version</b> post-top or side-entry mounting, NEMA 7 pin (DALI) <b>Optic</b> asymmetric, wide distribution (ST1.5a) <b>Cover</b> toughened safety glass <b>Lamps</b> LED 2200 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO <b>Rated values</b> Net luminous flux = 22470 lm Power consumption = 208.6 W Luminous efficacy = 107.7 lm/W	<b>serial documentation</b> <b>27.05.2024</b>
		

**Luminous intensity in cd/klm**
C180-0
C215-35
C217,5-37,5
C270-90
**Imax: 1158 cd/klm**



**Luminaire output ratios**

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

**Luminous intensity class acc. to EN13201-2**

Class:	---
Imax 70°	798.1
Imax 80°	214.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

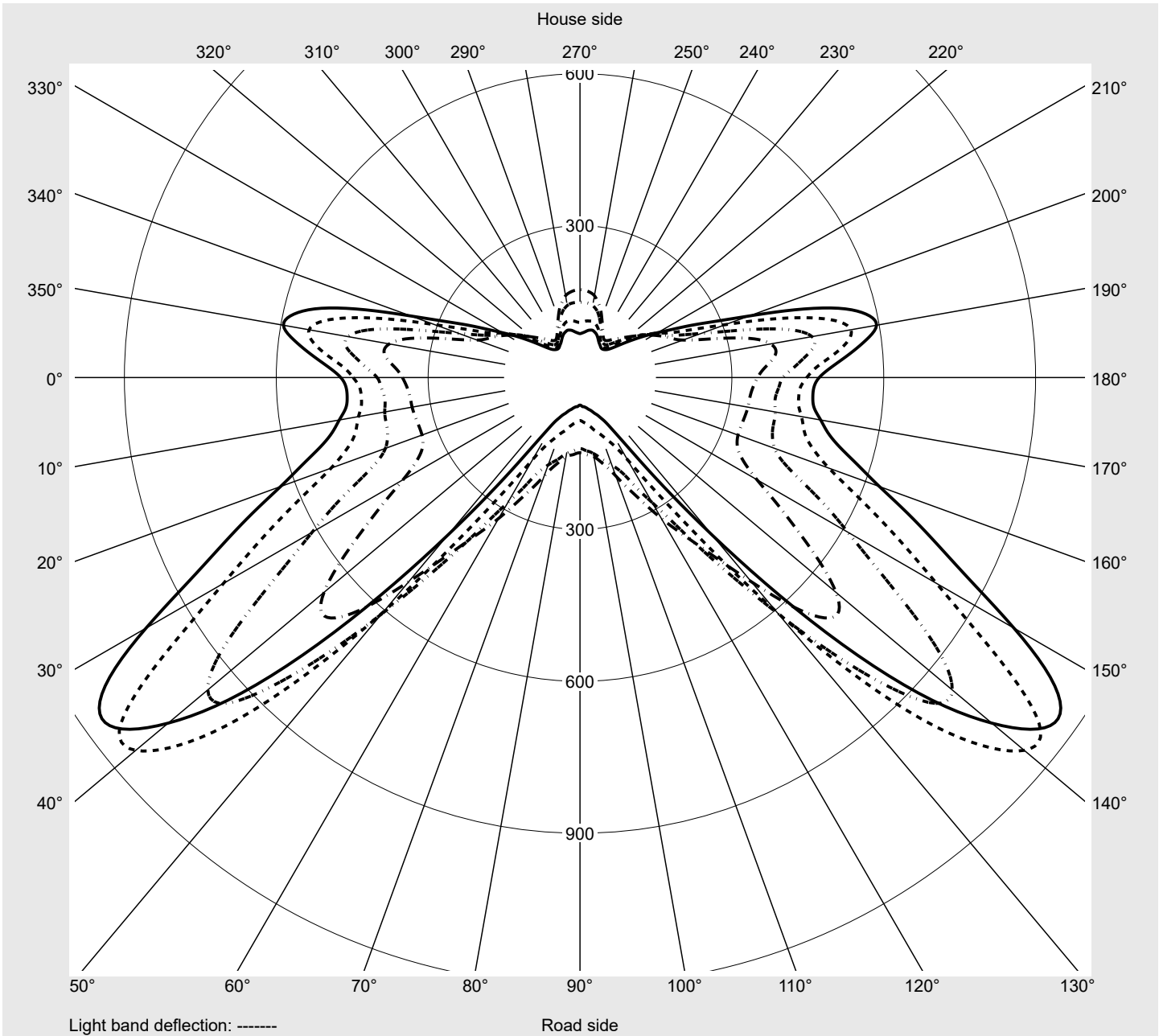
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> 59337_1251
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**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**



## Photometric test report

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> 59337_1251
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	142.8	142.8	142.8	142.9	143.1	143.1	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9
5,0°	142.7	142.9	143.0	143.1	143.3	143.5	143.6	143.7	143.9	143.9	144.0	144.1	144.2	144.3	144.4
7,5°	142.8	143.0	143.2	143.4	143.5	143.7	143.9	143.9	144.1	144.1	144.2	144.3	144.3	144.4	144.5
10,0°	143.0	143.3	143.5	143.6	143.9	144.0	144.0	144.1	144.2	144.3	144.4	144.5	144.7	144.8	145.1
12,5°	143.4	143.6	143.9	144.1	144.3	144.4	144.4	144.4	144.5	144.7	144.9	145.1	145.3	145.5	145.6
15,0°	144.2	144.5	144.8	144.9	145.1	145.1	145.1	145.2	145.4	145.6	145.7	146.0	146.0	146.1	146.1
17,5°	145.8	146.0	146.1	146.2	146.1	146.1	146.3	146.6	146.9	147.3	147.5	147.4	147.2	146.6	146.1
20,0°	147.6	147.9	147.9	147.8	147.6	147.5	148.0	148.5	149.0	149.4	149.3	149.1	148.4	147.2	145.9
22,5°	150.4	150.6	150.6	150.3	149.8	149.8	150.4	151.2	151.9	152.3	152.2	151.2	150.0	148.4	146.5
25,0°	152.1	152.6	152.7	152.4	151.8	151.8	152.5	153.5	154.3	154.7	154.1	152.8	151.0	149.1	147.2
27,5°	153.8	154.4	154.7	154.3	153.6	153.6	154.1	154.9	155.5	155.5	154.3	152.3	150.0	148.0	146.5
30,0°	156.3	157.0	157.4	156.8	155.7	155.5	155.7	156.0	156.0	155.2	153.4	151.2	149.2	147.9	147.1
32,5°	158.1	158.9	159.8	158.7	157.2	156.8	156.8	156.5	155.9	154.8	153.4	151.9	150.7	149.5	148.5
35,0°	160.7	161.8	162.6	162.2	160.9	160.1	159.4	158.7	158.1	157.0	155.7	154.5	153.2	152.0	151.0
37,5°	165.7	166.1	166.2	165.4	165.0	164.2	162.8	161.5	160.7	160.4	159.8	158.2	156.6	154.8	153.7
40,0°	166.6	168.0	168.8	167.7	167.3	166.7	165.5	164.1	163.2	162.3	161.4	160.3	159.5	159.1	159.4
42,5°	170.0	170.9	171.8	172.1	171.9	171.0	169.4	168.2	166.9	166.4	165.8	167.1	170.6	177.0	183.4
45,0°	172.8	175.4	177.0	177.0	176.3	174.8	173.5	173.2	174.0	177.6	181.1	184.0	186.0	187.8	186.7
47,5°	185.7	187.3	190.2	192.0	190.4	188.4	189.3	191.3	193.7	195.3	194.9	193.8	191.8	189.0	185.1
50,0°	212.4	217.2	220.2	221.6	222.5	223.0	223.3	222.1	219.2	214.6	208.3	202.9	198.2	194.4	191.1
52,5°	247.1	249.7	251.8	252.7	252.4	251.7	249.9	246.8	241.4	234.4	227.7	220.9	214.7	212.4	214.2
55,0°	297.3	297.7	296.4	295.8	295.4	294.0	291.1	286.7	281.1	274.7	268.6	263.1	262.8	276.5	308.0
57,5°	350.8	343.8	339.4	337.4	336.8	335.2	333.3	332.0	332.2	335.9	345.9	367.3	403.6	458.5	522.3
60,0°	400.7	393.9	388.9	388.3	391.7	393.1	394.0	398.8	409.1	433.6	481.3	545.9	610.9	689.2	790.7
62,5°	448.1	436.0	433.8	435.8	444.3	452.1	463.5	487.0	523.4	578.3	647.3	725.1	813.3	924.2	1055.4
65,0°	472.5	462.3	461.7	467.0	482.8	501.3	531.4	575.9	629.5	700.3	778.1	870.7	989.9	1101.5	1157.9
67,5°	484.2	471.1	471.3	481.5	504.1	534.5	585.0	642.0	703.7	780.6	869.3	953.0	995.9	986.1	943.8
70,0°	464.4	449.7	450.7	467.4	493.7	530.1	578.7	634.7	700.5	767.2	798.1	784.8	735.5	664.7	573.7
72,5°	392.8	388.4	393.0	413.7	440.2	469.5	503.0	541.4	565.4	566.1	534.9	483.8	414.8	333.4	252.8
75,0°	312.1	307.6	313.3	327.7	348.5	372.0	389.6	388.5	368.3	332.7	294.3	244.7	190.7	137.0	105.3
77,5°	189.9	195.2	198.5	206.5	221.1	230.8	229.7	213.5	188.8	161.7	132.1	99.8	74.0	60.2	51.1
80,0°	70.3	62.4	59.0	57.6	57.7	62.9	73.3	71.0	58.9	47.0	36.3	30.1	27.5	25.5	23.4
82,5°	14.9	14.1	13.5	13.4	13.9	14.7	15.6	15.7	14.3	11.7	10.5	10.4	10.5	10.5	10.1
85,0°	4.1	4.1	4.0	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8
87,5°	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.8	1.8
90,0°	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	0.0	0.0

## Photometric test report

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> 59337_1251
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	144.1	144.2	144.3	144.4	144.4	144.6	144.8	144.9	145.0	145.1	145.1	145.2	145.2	145.2	145.3
5,0°	144.5	144.7	144.8	144.9	144.9	145.1	145.2	145.4	145.6	145.6	145.7	145.8	145.9	146.0	146.1
7,5°	144.7	144.9	145.1	145.2	145.4	145.6	145.8	146.1	146.2	146.5	146.7	146.8	146.9	147.0	147.1
10,0°	145.2	145.5	145.7	145.9	146.1	146.2	146.3	146.5	146.6	146.7	146.7	146.7	146.6	146.6	146.5
12,5°	145.7	145.9	146.1	146.1	146.1	146.0	146.0	145.9	145.6	145.4	145.2	145.0	144.8	144.7	144.6
15,0°	146.1	145.9	145.6	145.1	144.7	144.3	144.0	143.8	143.5	143.3	143.0	142.7	142.5	142.4	142.3
17,5°	145.3	144.7	144.1	143.4	142.7	142.2	141.7	141.5	141.3	141.2	141.2	141.0	141.0	140.9	141.0
20,0°	144.5	143.3	142.3	141.7	141.2	140.9	140.5	140.5	140.3	140.4	140.3	140.3	140.3	140.4	140.3
22,5°	144.7	143.2	142.2	141.4	140.9	140.6	140.5	140.3	140.1	140.1	140.1	140.1	140.1	140.0	140.0
25,0°	145.3	143.8	142.6	141.9	141.4	141.1	140.9	140.7	140.4	140.1	139.9	139.6	139.2	139.0	138.7
27,5°	145.4	144.7	144.0	143.4	142.6	142.1	141.4	140.8	140.1	139.5	138.8	138.3	138.0	137.7	137.4
30,0°	146.6	146.3	146.1	145.6	144.4	143.1	141.8	140.7	139.7	138.9	138.3	137.6	137.1	136.7	136.2
32,5°	147.9	148.3	149.4	149.2	147.7	145.3	143.3	141.7	140.4	139.2	138.3	137.2	136.3	135.5	134.8
35,0°	150.4	150.2	150.8	151.6	149.9	147.1	144.6	142.5	140.6	139.0	137.8	136.6	135.8	134.9	134.1
37,5°	152.8	151.9	150.7	149.7	150.1	149.1	146.8	143.8	141.6	139.8	138.4	136.9	135.7	134.7	134.1
40,0°	161.0	164.5	168.6	171.3	172.7	172.2	170.1	166.1	160.9	154.8	148.7	143.6	140.7	139.7	140.2
42,5°	186.8	187.3	186.7	184.0	179.0	173.8	170.0	166.2	161.1	157.4	154.7	152.9	152.7	153.8	155.1
45,0°	182.8	178.9	174.1	169.8	166.6	164.1	163.1	163.3	163.6	164.9	166.2	167.6	169.7	172.0	174.0
47,5°	180.0	176.2	173.4	171.2	170.1	170.8	172.0	175.4	179.8	184.3	187.4	189.6	191.8	193.5	194.1
50,0°	187.5	185.2	183.9	184.0	187.3	192.4	199.0	205.3	210.0	214.2	216.3	214.8	212.0	209.8	207.2
52,5°	218.8	227.2	239.6	251.9	261.3	267.0	266.2	261.5	253.9	247.3	244.9	235.9	226.3	216.2	206.7
55,0°	351.2	391.6	419.1	432.1	429.9	408.9	375.3	339.6	313.6	292.8	274.7	252.0	228.2	207.5	190.9
57,5°	595.6	660.1	690.6	669.0	605.5	526.5	457.2	401.8	358.6	321.1	285.3	254.5	229.7	207.0	188.8
60,0°	897.1	959.8	952.8	864.4	739.0	609.8	497.0	406.8	334.3	285.2	249.3	216.0	196.1	183.8	174.5
62,5°	1147.2	1145.6	1075.2	953.7	783.7	604.3	437.1	316.8	238.8	187.0	157.2	140.6	129.3	119.9	112.9
65,0°	1140.2	1062.0	943.2	776.3	584.1	406.2	271.7	178.5	129.0	102.9	90.7	82.1	76.9	71.7	67.6
67,5°	852.9	715.2	554.7	398.3	252.6	153.7	106.1	81.9	70.1	64.3	61.5	59.7	59.3	58.8	56.0
70,0°	460.6	337.8	231.0	155.4	103.2	75.1	62.5	55.5	51.5	49.6	48.1	46.9	45.9	46.1	46.2
72,5°	182.3	140.9	106.6	78.2	58.1	47.0	41.2	38.6	37.0	36.0	35.6	34.2	33.6	32.9	27.9
75,0°	85.2	71.5	56.9	44.0	35.4	29.8	27.3	26.0	25.1	24.5	24.2	23.4	22.1	19.8	19.4
77,5°	44.0	38.2	31.8	25.6	21.3	19.0	18.3	17.5	16.9	16.5	16.3	15.8	15.2	14.8	14.4
80,0°	21.2	19.3	16.6	14.1	12.4	11.8	11.6	11.4	11.0	10.9	10.7	10.4	10.1	9.9	9.7
82,5°	9.4	8.9	8.3	7.5	6.9	6.6	6.7	6.7	6.6	6.4	6.3	6.2	6.0	5.8	5.8
85,0°	3.6	3.6	3.5	3.3	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.8	2.8	2.6	2.6
87,5°	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.0	0.9
90,0°	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	0.0	0.0

## Photometric test report

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> 59337_1251
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	145.3	145.4	145.4	145.5	145.6	145.6	145.6	142.6	142.5	142.3	142.2	142.2	142.1	142.1	142.1
5,0°	146.1	146.2	146.3	146.4	146.4	146.5	146.5	142.6	142.3	142.0	141.8	141.7	141.5	141.4	141.3
7,5°	147.2	147.2	147.4	147.4	147.4	147.4	147.4	142.5	142.2	141.9	141.5	141.3	141.0	140.9	140.6
10,0°	146.5	146.6	146.6	146.5	146.5	146.5	146.5	142.6	142.2	141.8	141.4	141.0	140.9	140.5	140.2
12,5°	144.4	144.5	144.4	144.4	144.3	144.3	144.2	142.9	142.4	142.0	141.5	141.1	140.7	140.4	139.9
15,0°	142.2	142.2	142.3	142.3	142.3	142.3	142.2	143.8	143.3	142.8	142.3	141.9	141.5	141.2	140.7
17,5°	141.1	141.2	141.3	141.4	141.4	141.4	141.4	145.2	144.8	144.3	143.6	143.0	142.4	141.8	140.8
20,0°	140.4	140.5	140.5	140.7	140.8	140.8	140.8	147.3	146.5	145.6	144.8	143.9	143.0	141.8	140.5
22,5°	139.9	139.8	139.7	139.7	139.6	139.7	139.6	149.4	148.7	147.6	146.5	145.5	144.1	142.5	140.9
25,0°	138.4	138.1	138.0	137.9	137.9	137.9	137.9	151.2	150.2	149.3	148.4	147.4	145.6	143.9	142.0
27,5°	137.1	136.8	136.6	136.5	136.6	136.5	136.6	152.7	151.8	150.9	149.9	148.7	147.0	145.2	143.3
30,0°	135.8	135.5	135.2	135.0	134.9	134.9	134.9	155.2	153.9	152.7	151.4	149.7	147.9	146.1	144.4
32,5°	134.2	133.8	133.5	133.2	133.0	132.9	133.0	156.7	155.1	153.8	152.3	150.5	148.7	147.0	145.0
35,0°	133.5	133.0	132.6	132.3	132.1	131.9	131.7	159.5	158.1	156.8	154.7	152.5	150.7	148.8	146.6
37,5°	134.1	134.6	135.3	135.8	135.6	135.3	135.3	164.1	162.4	160.4	157.6	155.1	152.7	150.7	148.2
40,0°	141.5	143.4	145.4	147.7	148.3	148.1	148.2	165.1	164.0	162.6	160.2	157.7	155.5	153.2	150.2
42,5°	156.6	158.9	161.5	164.4	166.1	166.3	166.6	167.6	166.7	164.7	162.6	160.7	158.1	155.4	152.1
45,0°	175.6	177.6	179.9	182.7	184.9	185.8	186.2	171.1	169.4	167.5	165.8	163.4	161.1	158.2	154.7
47,5°	193.8	193.5	193.6	194.5	196.0	196.2	196.3	180.0	178.3	175.0	171.8	168.7	165.6	162.4	158.6
50,0°	204.0	200.6	199.2	198.4	196.3	193.5	192.8	212.1	205.3	200.3	195.6	190.4	185.6	180.4	173.7
52,5°	197.6	189.8	183.6	178.6	174.9	172.1	170.8	243.5	242.7	237.2	226.1	212.7	202.8	194.8	186.6
55,0°	177.1	164.9	154.2	146.9	142.0	137.7	136.4	306.3	307.5	309.4	296.7	269.6	235.8	209.4	194.7
57,5°	176.5	166.2	159.0	155.0	152.9	149.8	148.6	362.1	379.4	390.6	382.5	352.8	300.9	249.5	216.4
60,0°	167.1	158.5	152.4	147.8	145.2	141.9	140.3	421.2	444.2	465.8	465.4	432.2	370.1	303.7	255.1
62,5°	107.3	100.2	95.5	91.5	89.0	86.4	85.0	467.6	500.7	531.6	543.3	518.0	456.8	379.0	305.5
65,0°	64.9	61.8	59.7	58.1	57.6	55.5	54.5	498.8	534.5	570.4	594.8	578.8	528.7	445.1	355.5
67,5°	53.4	51.7	50.7	49.7	48.7	47.1	47.2	511.9	544.5	577.9	603.6	591.4	551.6	488.4	410.8
70,0°	43.2	41.3	40.3	39.7	39.7	39.7	39.6	483.2	514.9	547.5	567.8	560.5	538.9	500.0	449.0
72,5°	25.2	23.6	23.4	23.5	30.6	32.6	28.2	418.6	437.7	467.2	483.2	493.6	490.6	479.8	460.1
75,0°	19.3	18.6	18.2	18.1	30.1	24.0	20.9	317.6	333.1	354.8	376.5	394.0	408.6	419.8	423.9
77,5°	13.9	13.6	13.2	13.1	14.9	14.6	14.3	205.9	210.9	224.6	243.3	263.8	286.8	308.4	326.0
80,0°	9.3	8.9	8.7	8.6	8.8	8.9	9.2	74.8	83.6	95.3	110.3	128.9	151.2	174.9	196.6
82,5°	5.5	5.2	5.0	4.9	4.9	5.3	5.5	17.3	18.5	21.3	25.4	31.0	39.7	52.1	68.0
85,0°	2.4	2.4	2.4	2.3	2.4	2.3	2.3	3.8	4.0	4.0	3.9	3.9	3.8	3.8	3.8
87,5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
90,0°	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	0.0	0.0

## Photometric test report

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> 59337_1251
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siteco

### Table of values for luminous intensities Maximum luminous intensity

C-planes	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Luminous intensity in cd/klm														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	142.0	141.9	141.9	141.9	141.8	141.8	141.9	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.7
5,0°	141.2	140.9	140.9	140.9	140.8	140.7	140.6	140.4	140.3	140.2	140.1	140.1	140.0	139.8	139.9
7,5°	140.4	140.1	140.0	139.7	139.6	139.3	139.2	139.0	138.8	138.7	138.5	138.4	138.3	138.1	137.9
10,0°	139.9	139.6	139.2	139.0	138.8	138.4	138.1	137.7	137.2	136.9	136.4	136.0	135.7	135.3	134.9
12,5°	139.6	139.3	139.0	138.7	138.1	137.6	137.1	136.4	135.9	135.4	134.9	134.4	133.8	133.2	132.8
15,0°	140.2	139.6	138.8	138.0	137.3	136.6	135.9	135.1	134.3	133.6	132.8	131.9	131.1	130.4	129.8
17,5°	139.7	138.5	137.5	136.4	135.4	134.6	133.9	133.2	132.3	131.4	130.6	129.8	129.0	128.3	127.5
20,0°	139.1	137.8	136.6	135.4	134.4	133.3	132.3	131.4	130.4	129.4	128.5	127.6	126.8	125.9	125.3
22,5°	139.3	137.8	136.4	135.2	133.8	132.4	131.1	129.8	128.5	127.4	126.3	125.4	124.4	123.6	123.0
25,0°	140.1	138.4	136.7	134.9	133.2	131.5	129.9	128.5	126.9	125.5	124.5	123.3	122.4	121.4	120.6
27,5°	141.3	139.2	137.1	134.9	132.8	131.0	129.1	127.2	125.6	124.0	122.8	121.6	120.3	119.1	118.2
30,0°	142.2	140.0	137.6	135.3	132.9	130.7	128.7	126.7	124.8	122.9	121.3	119.9	118.3	116.9	115.6
32,5°	142.9	140.5	138.3	135.8	133.2	130.8	128.5	126.2	123.9	121.9	119.9	118.2	116.5	114.8	113.1
35,0°	144.0	141.3	138.6	135.9	133.3	131.0	128.2	125.6	122.9	120.5	118.2	116.0	114.1	112.2	110.5
37,5°	145.2	142.2	139.2	136.3	133.5	130.3	127.4	124.7	121.8	118.7	116.0	113.6	111.4	109.5	107.9
40,0°	146.9	143.5	140.1	136.9	133.5	129.9	126.4	123.1	120.3	117.3	114.2	111.2	108.6	106.5	104.9
42,5°	148.3	144.3	140.5	137.2	133.5	129.6	125.7	122.1	118.7	115.6	112.2	109.2	106.0	103.3	101.0
45,0°	150.4	146.1	141.8	137.8	134.0	130.3	126.3	122.5	118.4	114.9	111.1	107.4	103.6	99.7	96.4
47,5°	154.1	149.6	145.6	141.5	137.5	132.9	128.8	124.5	120.0	115.9	112.0	107.6	103.4	99.2	94.9
50,0°	166.8	160.9	155.2	149.5	143.5	137.9	131.6	126.4	122.1	117.8	113.2	108.3	104.2	100.6	97.6
52,5°	179.8	174.5	170.1	164.1	156.2	147.8	139.1	130.8	123.7	117.4	111.7	105.9	101.2	98.0	96.6
55,0°	185.2	177.8	170.1	162.7	154.9	147.7	140.2	134.0	127.2	119.1	111.1	103.6	97.7	94.2	93.3
57,5°	199.9	189.5	178.3	167.1	155.5	144.5	134.5	125.1	116.9	109.6	103.4	97.8	92.4	89.1	88.8
60,0°	220.3	197.3	182.2	170.4	157.7	146.8	134.4	121.2	108.5	98.4	90.5	84.7	81.8	81.5	82.9
62,5°	252.5	213.6	190.4	175.7	159.1	144.8	128.9	112.2	98.3	87.7	81.0	76.8	75.3	76.6	78.9
65,0°	290.5	245.2	206.5	177.3	153.7	132.3	113.9	98.3	86.6	78.9	74.8	72.4	71.4	72.1	74.4
67,5°	339.6	279.5	227.5	177.0	142.6	117.7	98.8	85.5	76.4	71.1	68.2	66.4	65.4	65.9	67.6
70,0°	393.3	334.0	256.5	185.8	133.6	105.7	86.3	74.3	67.3	63.1	60.3	58.7	58.0	57.8	59.4
72,5°	430.2	379.5	299.1	206.5	133.5	92.5	71.9	61.6	56.0	52.6	50.3	48.5	47.7	47.8	49.6
75,0°	415.5	386.9	326.1	231.4	141.2	86.0	60.7	50.0	44.1	40.5	38.4	37.2	37.1	37.4	38.3
77,5°	334.1	328.0	299.2	241.7	154.5	82.0	48.4	36.8	31.1	28.1	26.7	25.5	25.2	25.7	26.4
80,0°	211.1	214.2	200.9	168.0	117.3	62.4	29.3	20.8	17.4	15.4	14.2	13.9	13.9	14.3	13.9
82,5°	78.3	80.0	78.5	71.8	58.2	35.0	15.2	8.8	7.4	6.4	5.7	5.3	5.4	5.7	5.6
85,0°	3.8	3.8	4.0	4.1	4.3	4.2	3.4	2.7	2.4	2.3	2.1	2.0	1.9	1.8	1.7
87,5°	1.9	1.8	1.8	1.6	1.6	1.5	1.5	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.0
90,0°	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	0.0	0.0

## Photometric test report

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> 59337_1251
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm													Luminous flux in lm/klm	
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	0.2	0.2
2,5°	141.8	141.8	141.8	141.8	141.8	141.9	141.8	141.8	141.8	141.8	141.8	141.9	141.9	1.7	1.9
5,0°	139.8	139.7	139.8	139.7	139.7	139.6	139.6	139.7	139.6	139.6	139.7	139.7	139.6	3.4	5.3
7,5°	137.7	137.5	137.4	137.2	137.1	137.0	136.8	136.7	136.7	136.6	136.6	136.6	136.6	5.1	10.4
10,0°	134.7	134.5	134.1	133.9	133.6	133.5	133.3	133.2	133.2	133.2	133.1	133.1	133.2	6.7	17.1
12,5°	132.3	131.9	131.5	131.1	130.8	130.5	130.2	130.0	129.9	129.8	129.8	129.7	129.8	8.3	25.5
15,0°	129.2	128.7	128.1	127.7	127.4	127.2	127.0	126.9	127.0	127.0	127.1	127.2	127.2	9.9	35.3
17,5°	126.8	126.2	125.5	125.1	124.6	124.3	124.2	124.0	124.0	123.9	124.0	123.9	123.9	11.4	46.7
20,0°	124.7	124.2	123.5	122.9	122.3	121.8	121.4	121.1	120.9	120.8	120.8	120.8	120.8	12.9	59.6
22,5°	122.4	121.8	121.2	120.6	119.8	119.1	118.5	118.1	117.8	117.6	117.6	117.5	117.4	14.4	74.0
25,0°	119.7	119.1	118.3	117.7	116.9	116.1	115.6	115.1	114.5	114.3	114.2	114.1	114.2	15.9	89.9
27,5°	117.0	116.1	115.3	114.7	113.9	113.2	112.5	111.8	111.1	110.6	110.3	110.1	110.1	17.3	107.2
30,0°	114.3	113.3	112.4	111.5	110.7	110.0	109.2	108.5	107.8	107.0	106.6	106.5	106.4	18.6	125.8
32,5°	111.8	110.6	109.5	108.5	107.6	106.7	105.9	105.2	104.4	103.6	103.1	102.7	102.7	20.0	145.8
35,0°	109.1	107.8	106.6	105.6	104.4	103.3	102.3	101.5	100.6	99.6	98.8	98.2	98.1	21.4	167.2
37,5°	106.5	105.1	103.7	102.4	101.0	99.3	98.0	96.9	95.9	94.8	93.8	93.0	92.8	22.8	190.0
40,0°	103.2	101.4	99.7	98.0	96.0	93.8	92.0	90.9	89.8	88.6	87.6	86.9	86.8	24.7	214.6
42,5°	98.6	96.1	93.4	90.9	88.6	86.1	84.7	83.9	82.1	80.4	79.4	78.7	78.7	26.6	241.3
45,0°	92.8	89.4	86.2	83.0	80.4	77.9	76.4	75.7	74.4	73.1	72.5	71.9	71.7	28.4	269.7
47,5°	90.8	87.5	84.4	82.0	80.0	78.3	77.1	77.0	76.7	76.5	76.6	76.5	76.4	31.1	300.7
50,0°	95.5	94.6	94.8	96.3	98.8	101.6	104.9	109.2	112.6	115.5	117.9	119.1	119.4	35.8	336.5
52,5°	97.6	100.0	104.4	110.6	118.5	126.5	134.5	142.9	149.7	155.3	159.0	161.2	161.7	41.6	378.2
55,0°	96.1	101.2	108.2	117.3	128.1	139.3	149.5	159.6	168.4	174.7	179.0	181.7	182.0	50.3	428.5
57,5°	92.0	97.7	105.7	115.2	125.6	137.4	147.7	156.0	164.1	168.5	171.3	173.0	173.5	62.1	490.5
60,0°	86.4	92.0	99.3	107.9	116.7	125.7	134.1	140.1	144.4	147.1	148.2	148.8	148.9	73.7	564.2
62,5°	82.3	86.6	92.5	98.5	103.8	108.3	112.0	113.8	113.3	112.8	111.5	109.6	109.0	81.0	645.2
65,0°	77.0	80.1	84.5	88.9	92.5	94.7	96.5	96.0	94.6	92.1	89.7	87.9	86.8	81.9	727.1
67,5°	71.0	74.2	78.2	81.7	83.6	84.2	84.2	82.0	79.9	77.4	74.4	72.9	71.2	75.6	802.6
70,0°	62.4	65.9	69.3	72.3	71.9	69.4	67.1	62.8	60.2	56.1	54.8	52.6	50.9	64.8	867.5
72,5°	51.7	55.1	56.3	57.8	55.6	52.7	49.5	43.5	40.9	37.7	40.4	36.4	33.9	51.4	918.8
75,0°	40.3	40.8	40.7	39.5	38.9	34.0	24.1	14.9	12.9	12.3	18.1	12.0	11.0	38.4	957.2
77,5°	26.4	26.6	26.8	23.3	15.7	8.2	7.0	6.6	6.4	5.6	5.3	4.7	4.7	25.3	982.6
80,0°	14.0	13.2	11.4	6.5	4.5	4.0	3.4	3.2	3.0	2.4	1.9	1.7	1.8	12.1	994.7
82,5°	5.4	4.7	3.5	2.7	2.4	2.1	1.9	1.7	1.5	1.2	1.1	1.1	1.0	4.2	998.8
85,0°	1.5	1.5	1.4	1.2	1.2	1.1	1.0	0.9	0.9	0.7	0.7	0.7	0.6	0.8	999.6
87,5°	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.4	1000.0
90,0°	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	0.0	1000.0

## Photometric test report

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> 59337_1251
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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	22470	208.6	233.1	220.8
95	237	251	21363	193.8	216.4	205.1
90	220	249	20204	179.3	200.1	189.7
85	205	246	19128	166.6	185.7	176.1
80	190	243	18011	153.9	171.5	162.7
75	175	240	16848	141.6	157.5	149.6
70	161	237	15731	130.0	144.6	137.3
65	147	234	14567	118.6	131.8	125.2
60	134	231	13455	108.1	120.1	114.1
55	122	227	12400	98.5	109.3	103.9
50	109	223	11223	88.0	97.7	92.8
45	97	219	10107	78.5	87.0	82.8
40	85	214	8968	69.1	76.4	72.8
35	74	209	7896	60.4	66.8	63.6
30	62	202	6700	51.3	56.5	53.9
25	51	195	5582	43.1	47.3	45.2
20	41	187	4544	35.6	39.0	37.3
15	30	176	3380	27.5	30.0	28.8
12	23	166	2625	22.3	24.2	23.2

<b>Dimming levels table</b>	environmental temperature: 5°C
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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	23340	210.8	235.4	223.1
95	238	252	22206	196.8	219.6	208.2
90	222	249	21028	183.0	204.2	193.6
85	206	246	19806	169.3	188.8	179.0
80	192	244	18698	157.5	175.4	166.4
75	177	241	17477	144.9	161.3	153.1
70	163	238	16303	133.3	148.2	140.8
65	150	235	15179	122.6	136.2	129.4
60	137	231	14032	112.0	124.3	118.2
55	124	228	12849	101.4	112.5	107.0
50	111	224	11635	90.8	100.7	95.8
45	99	219	10490	81.2	90.0	85.6
40	87	215	9323	71.6	79.3	75.4
35	75	209	8127	62.1	68.6	65.4
30	64	204	7012	53.6	59.0	56.3
25	53	197	5875	45.2	49.6	47.4
20	42	188	4712	37.0	40.5	38.8
15	31	177	3531	28.6	31.2	29.9
11	23	166	2657	22.6	24.5	23.6



## Photometric test report

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> 59337_1251
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<b>Dimming levels table</b>	environmental temperature: 15°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	22930	209.7	234.2	222.0
95	237	251	21772	194.8	217.5	206.2
90	221	249	20636	181.1	202.0	191.6
85	206	246	19523	168.3	187.7	178.0
80	191	244	18369	155.7	173.5	164.6
75	176	241	17177	143.2	159.4	151.3
70	162	238	16030	131.7	146.4	139.0
65	149	234	14925	121.0	134.5	127.8
60	136	231	13798	110.4	122.6	116.5
55	123	227	12633	99.9	110.9	105.4
50	110	223	11437	89.4	99.1	94.2
45	98	219	10306	79.8	88.5	84.2
40	86	214	9151	70.3	77.8	74.0
35	75	209	8067	61.7	68.2	65.0
30	63	203	6860	52.4	57.7	55.0
25	52	196	5732	44.2	48.5	46.4
20	41	187	4579	35.9	39.3	37.6
15	30	176	3404	27.7	30.2	29.0
12	23	166	2644	22.4	24.3	23.4

**Photometric test report**

<b>Family</b> Streetlight 31 maxi toolless	<b>Order number: 5XH8P7BN08SA</b> <b>EAN: 4069025105059</b>	<b>LP number</b> <b>59337_1251</b>
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<b>Luminousfluxs table</b>	<b>sITeco</b>
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Temperature °C	Luminous flux lm	Power consumption W
25.0	22470.0	208.6
5.0	23340.0	210.8
15.0	22930.0	209.7