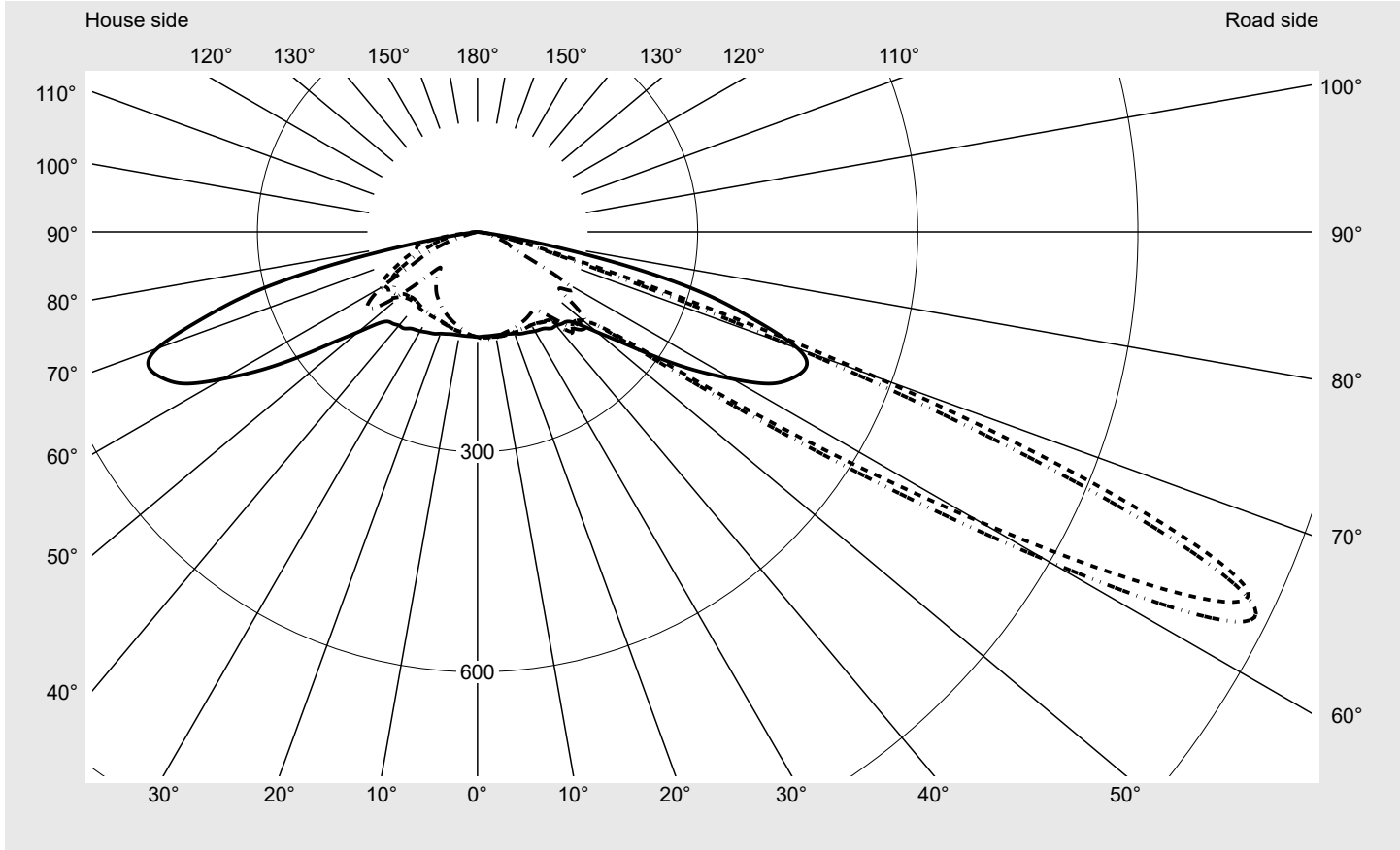


# Photometric test report

<b>Family</b> <b>Streetlight 31 micro</b>	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> <b>59337_998</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 = 1170 lm Power consumption = 10.3 W Luminous efficacy = 113.6 lm/W	<b>serial documentation</b> <b>17.04.2024</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%

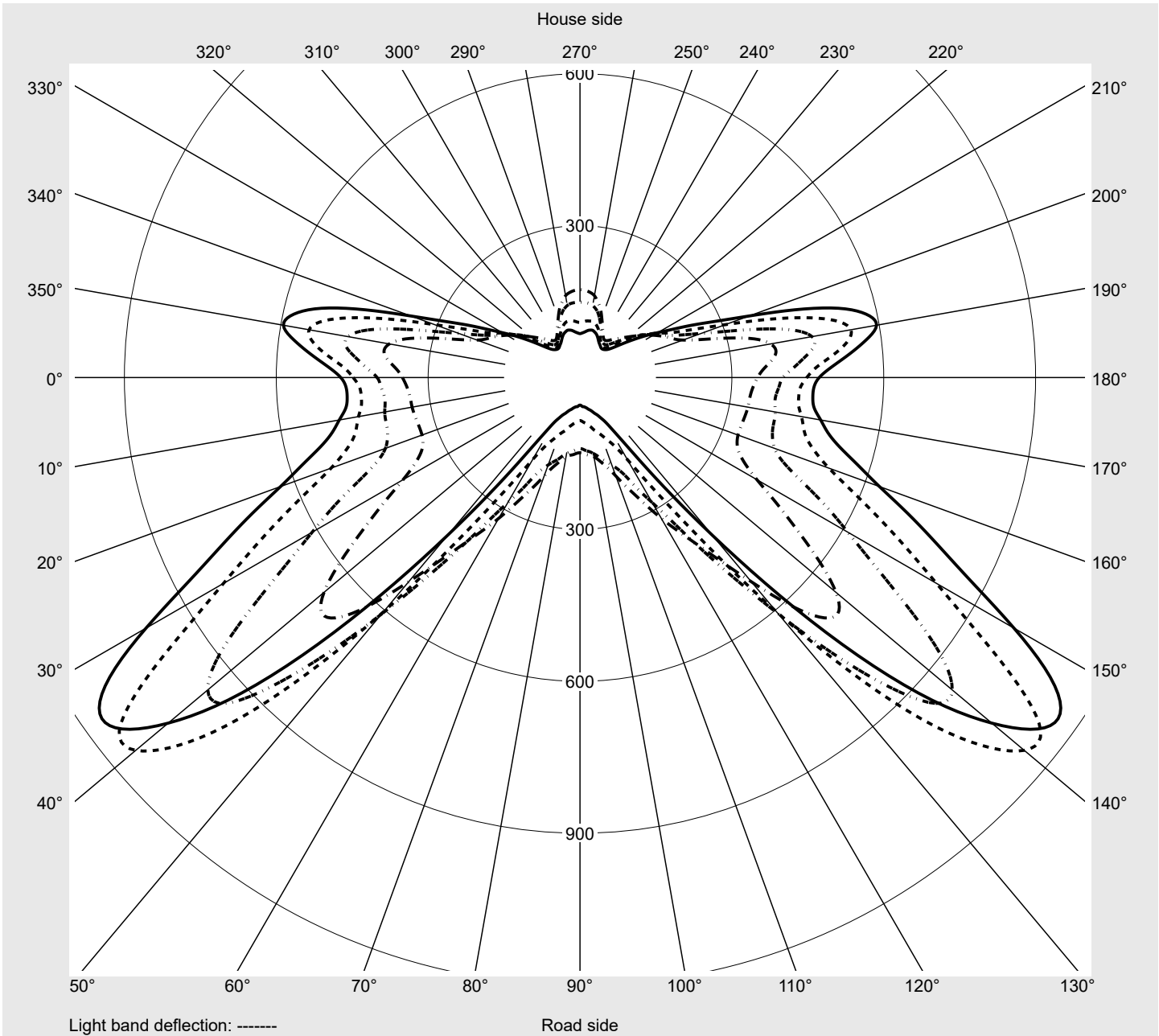
Luminous intensity class acc. to EN13201-2	
Class:	---
Imax 70°	798.1
Imax 80°	214.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Measurement conditions**  
DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Streetlight 31 micro	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> 59337_998
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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> <b>Streetlight 31 micro</b>	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> <b>59337_998</b>
<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> <b>Streetlight 31 micro</b>	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> <b>59337_998</b>
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### Table of values for luminous intensities Maximum luminous intensity

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> <b>Streetlight 31 micro</b>	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> <b>59337_998</b>
<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> <b>Streetlight 31 micro</b>	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> <b>59337_998</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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> <b>Streetlight 31 micro</b>	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> <b>59337_998</b>
<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 micro	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> 59337_998
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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	1170	10.3	10.6	10.4
95	240	252	1112	9.8	10.0	9.9
90	226	250	1053	9.2	9.5	9.4
85	212	247	994	8.7	8.9	8.8
80	198	245	934	8.1	8.4	8.2
75	185	242	878	7.7	7.8	7.8
70	171	240	817	7.1	7.3	7.2
65	158	237	760	6.7	6.9	6.8
60	145	233	701	6.2	6.4	6.3
55	132	230	643	5.8	5.9	5.8
50	119	226	583	5.3	5.4	5.4
45	107	222	527	4.9	5.0	5.0
40	94	218	467	4.4	4.6	4.5
35	82	213	410	4.1	4.2	4.2
31	73	208	367	3.8	3.9	3.8

<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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	1190	10.4	10.7	10.6
95	240	252	1130	9.9	10.2	10.0
90	226	250	1071	9.4	9.6	9.5
85	212	247	1011	8.8	9.1	9.0
80	199	245	953	8.3	8.5	8.4
75	185	242	892	7.8	7.9	7.8
70	172	240	833	7.3	7.5	7.4
65	159	237	775	6.8	7.0	6.9
60	146	234	716	6.4	6.5	6.4
55	133	230	656	5.9	6.0	6.0
50	120	227	596	5.4	5.6	5.5
45	107	222	534	5.0	5.1	5.0
40	95	218	478	4.6	4.7	4.6
35	82	213	416	4.2	4.2	4.2
31	73	208	372	3.9	3.9	3.9



## Photometric test report

<b>Family</b> Streetlight 31 micro	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> 59337_998
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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	1180	10.3	10.7	10.5
95	240	252	1121	9.9	10.1	10.0
90	226	250	1062	9.3	9.5	9.4
85	212	247	1003	8.7	9.0	8.8
80	199	245	946	8.3	8.4	8.4
75	185	242	885	7.7	7.9	7.8
70	172	240	828	7.2	7.4	7.3
65	158	237	765	6.7	6.9	6.8
60	145	233	706	6.3	6.4	6.4
55	132	230	647	5.8	6.0	5.9
50	120	227	592	5.4	5.5	5.4
45	107	222	531	5.0	5.0	5.0
40	95	218	474	4.5	4.6	4.6
35	82	213	413	4.1	4.2	4.2
31	73	208	369	3.8	3.9	3.8

**Photometric test report**

<b>Family</b> Streetlight 31 micro	<b>Order number: 5XH1P7BN08CA</b> <b>EAN: 4069025101570</b>	<b>LP number</b> <b>59337_998</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	1170.0	10.3
5.0	1190.0	10.4
15.0	1180.0	10.3