

## Photometric test report

**Family**  
**Streetlight 31 midi**

**Order number: 5XF3E42T08MA**  
**EAN: 4058352466315**

**LP number**  
**59127\_12**



**Version** post-top or side-entry mounting, Smart Interface up/down  
**Optic** asymmetric, wide distribution (ST1.0a)  
**Cover** toughened safety glass  
**Lamps** LED 4000 K | CRI ≥ 70  
**Controlgear** EVG-Smart Interface  
**Rated values** Net luminous flux = 18000 lm  
 Power consumption = 120.0 W  
 Luminous efficacy = 150 lm/W

**serial**  
**documentation**  
**19.04.2021**

**siteco**

**Luminous intensity in cd/klm**

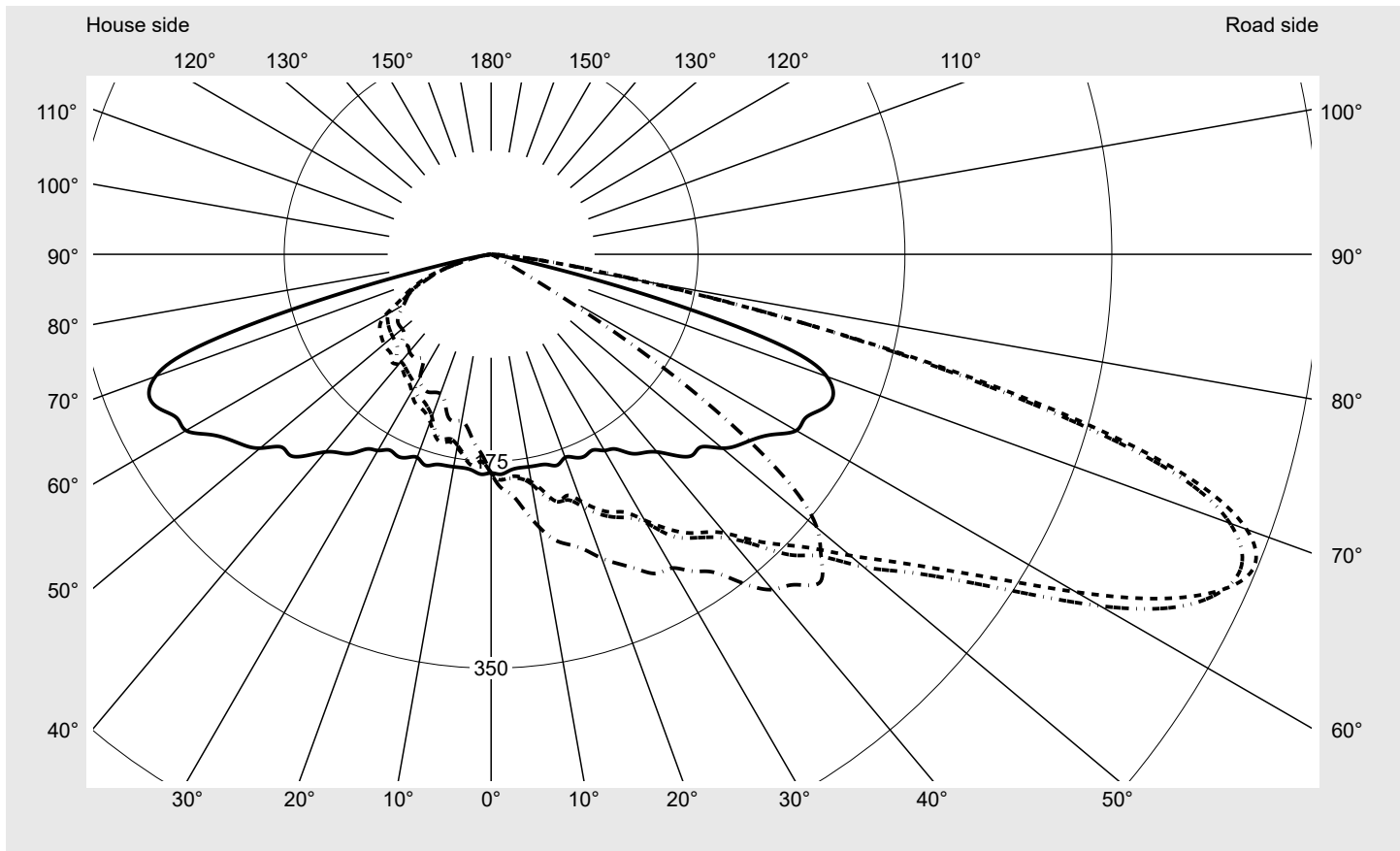
**C180-0**

**C200-20**

**C202.5-22.5**

**C270-90**

**Imax: 697 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:	G2
Imax 70°	680.0
Imax 80°	130.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

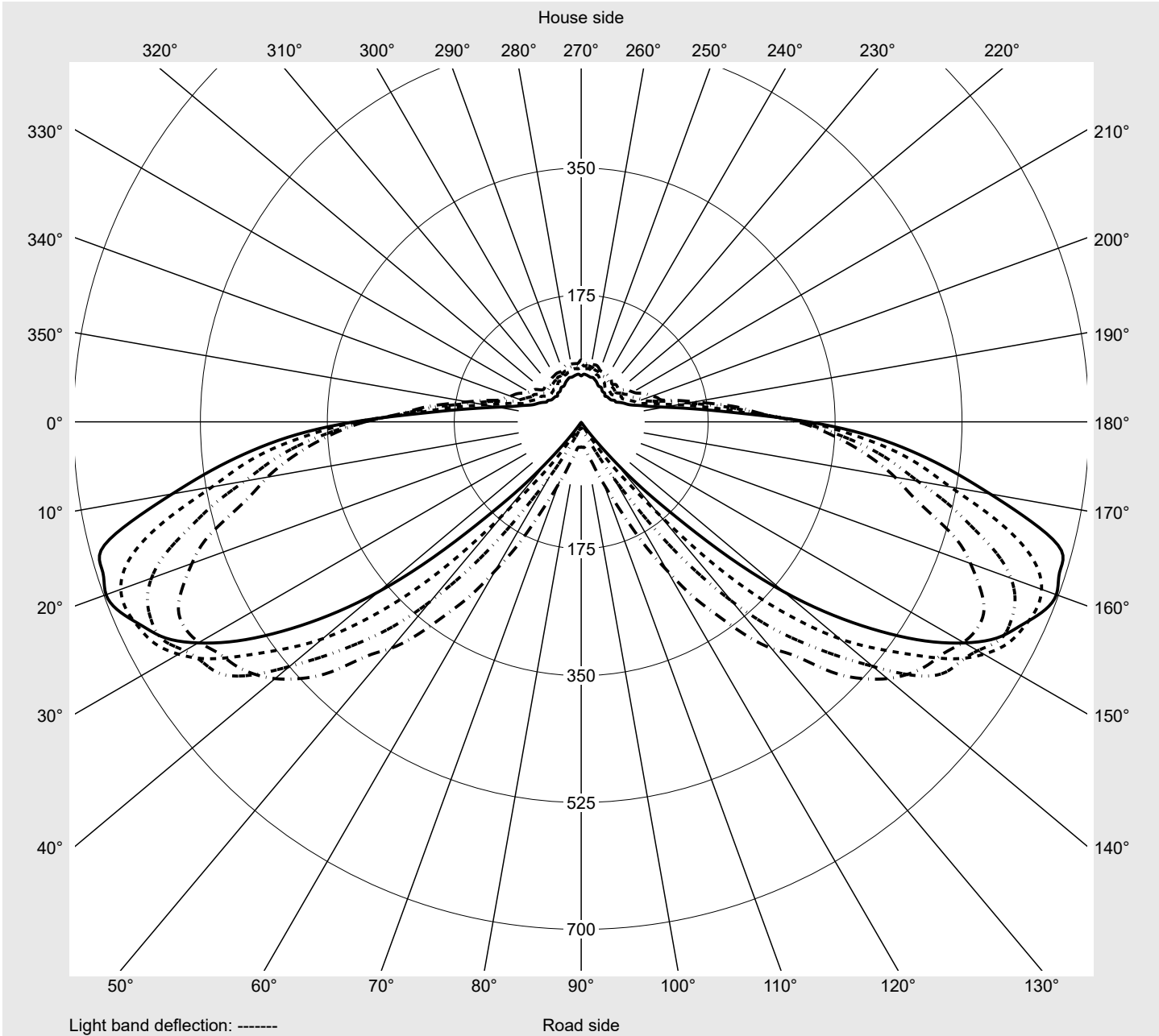
### Measurement conditions

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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<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°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9
2,5°	186.2	187.4	188.5	189.1	189.0	188.5	189.3	190.5	191.0	190.1	189.6	190.9	192.9	192.3	192.6
5,0°	183.4	184.0	183.6	184.1	185.5	187.0	187.6	188.7	188.9	190.2	191.8	192.3	193.5	194.7	195.9
7,5°	182.1	182.2	182.5	184.3	186.9	188.9	189.7	189.7	190.0	191.4	193.3	194.0	194.4	196.8	198.4
10,0°	182.5	183.1	184.6	186.8	189.2	190.9	192.2	193.7	195.3	197.4	199.7	201.1	202.0	203.2	205.8
12,5°	182.8	185.3	188.8	190.8	191.8	193.7	196.3	201.7	205.4	209.3	212.9	214.2	216.5	215.0	218.6
15,0°	184.1	185.9	190.7	195.9	200.7	205.4	211.4	214.2	216.4	216.8	217.9	220.8	220.3	221.6	226.6
17,5°	186.8	187.6	189.8	193.1	197.4	203.1	209.3	210.4	213.9	217.9	222.0	226.5	229.5	235.1	241.0
20,0°	182.8	188.2	194.5	200.0	205.3	211.3	213.1	219.8	222.1	227.2	234.8	240.4	238.5	241.1	241.9
22,5°	186.1	189.9	198.8	205.8	211.4	218.6	222.3	229.7	232.8	237.4	243.8	249.0	250.9	249.5	248.6
25,0°	188.1	192.3	201.9	208.6	213.4	221.6	229.8	236.8	240.6	245.1	250.7	256.0	260.0	259.9	261.2
27,5°	186.6	195.6	204.0	210.2	215.8	225.5	234.6	241.4	246.0	251.1	257.2	263.8	266.6	270.2	276.8
30,0°	191.6	202.2	209.0	216.3	225.2	236.1	246.3	254.6	259.6	262.2	264.5	270.1	283.5	286.2	284.7
32,5°	195.2	204.8	217.3	227.0	234.2	242.3	256.2	265.7	274.6	281.8	286.8	289.0	289.6	290.4	297.1
35,0°	205.5	211.9	221.4	231.5	241.2	249.8	263.1	276.2	287.5	292.9	294.7	297.9	304.0	312.1	316.2
37,5°	211.5	223.1	234.2	245.2	255.9	266.7	278.9	287.7	296.3	301.6	305.4	313.2	318.0	323.8	329.4
40,0°	218.2	232.1	248.3	262.4	274.5	286.2	298.6	302.5	307.8	313.5	320.4	329.9	335.4	337.8	344.9
42,5°	230.8	238.3	257.2	275.4	291.3	304.7	314.7	320.6	328.1	334.3	339.7	346.4	357.9	360.0	365.7
45,0°	240.5	250.9	270.6	286.4	299.8	317.6	322.9	338.6	347.2	359.7	373.3	377.9	384.8	383.2	388.8
47,5°	241.1	264.7	284.8	302.5	320.1	342.3	352.8	358.9	367.9	378.0	389.5	402.4	407.6	410.3	415.3
50,0°	255.0	279.4	296.6	315.8	336.6	354.9	371.8	378.8	396.3	411.2	422.6	430.7	433.9	438.0	454.0
52,5°	264.6	287.4	310.4	334.4	357.0	373.2	397.1	410.8	426.6	441.2	453.6	463.7	473.2	482.4	489.2
55,0°	272.2	299.0	328.5	356.4	380.6	399.0	427.0	445.8	464.4	480.0	493.3	506.8	518.9	527.4	527.4
57,5°	283.5	317.8	351.0	380.9	407.3	431.4	460.7	483.0	511.9	532.6	546.4	561.6	566.8	566.3	566.4
60,0°	298.0	338.5	374.8	408.6	439.2	466.1	502.7	543.8	571.1	594.7	612.8	615.9	608.2	593.4	584.0
62,5°	299.7	348.2	394.8	434.6	471.3	516.3	557.1	599.7	630.5	647.4	653.1	650.7	631.3	618.0	606.1
65,0°	309.3	369.6	427.2	474.4	516.7	570.5	621.7	657.8	675.5	678.4	672.3	662.5	641.0	608.3	560.7
67,5°	313.1	391.0	455.4	514.5	572.5	635.5	685.4	691.4	697.1	687.1	666.9	645.8	609.8	562.5	503.8
70,0°	302.1	385.7	456.2	519.5	578.7	637.5	677.4	674.6	680.0	665.1	633.4	594.4	542.2	486.3	417.2
72,5°	260.0	331.7	406.7	463.7	506.5	551.6	578.9	599.2	609.7	595.8	561.2	509.9	460.2	397.2	299.8
75,0°	151.5	211.6	283.0	334.5	365.1	388.2	434.2	461.5	462.6	444.9	422.2	406.6	364.4	280.7	185.3
77,5°	53.1	77.8	121.9	158.4	186.2	213.8	254.3	269.4	275.8	275.2	268.1	253.6	219.3	160.1	107.2
80,0°	15.9	23.4	36.7	54.4	74.7	92.4	104.9	116.6	126.0	130.3	128.0	119.9	104.4	82.3	62.4
82,5°	3.8	3.2	4.0	9.2	17.3	26.6	37.0	45.9	52.6	56.3	55.3	49.7	45.3	38.4	32.0
85,0°	0.4	0.1	0.1	0.2	1.2	3.5	7.1	12.5	15.7	17.9	17.9	15.9	15.7	14.1	12.4
87,5°	0.0	0.0	0.0	0.1	0.1	0.2	0.6	1.8	3.2	4.2	4.7	4.8	4.7	4.5	3.7
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

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<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°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9
2,5°	193.9	194.7	194.4	194.6	195.3	196.7	197.1	196.4	195.5	196.3	195.0	194.9	194.9	195.0	195.3
5,0°	197.6	199.5	200.1	200.8	200.6	201.5	201.9	202.0	202.4	203.8	203.7	203.7	204.8	206.4	207.2
7,5°	201.0	203.9	205.5	209.5	209.8	210.7	212.2	214.3	216.7	218.5	219.8	220.2	221.3	222.8	223.0
10,0°	209.0	212.3	214.5	219.2	219.9	221.5	223.6	226.0	228.3	230.7	232.3	232.9	233.8	234.9	235.3
12,5°	221.9	224.5	227.8	229.0	229.8	230.9	231.7	232.5	234.2	237.0	238.2	238.8	239.6	241.2	242.6
15,0°	228.9	230.4	234.5	238.2	241.7	244.2	244.2	243.0	242.6	242.4	246.4	248.7	250.8	252.7	253.8
17,5°	245.0	247.4	249.7	252.7	252.7	254.2	255.1	256.1	258.3	260.8	260.1	259.1	259.6	260.4	260.7
20,0°	246.8	252.4	255.0	259.9	257.3	259.2	261.1	262.7	265.9	267.5	270.1	271.2	270.3	268.4	267.6
22,5°	252.3	258.0	260.7	265.1	263.0	266.9	271.8	274.6	274.5	272.7	277.7	280.8	280.1	278.7	280.5
25,0°	264.2	267.9	270.5	274.8	274.9	278.9	283.3	284.9	283.1	280.8	285.0	288.0	288.6	289.1	292.1
27,5°	281.7	283.6	285.1	291.1	293.1	294.5	294.3	292.9	291.6	292.7	293.2	293.9	295.9	298.5	300.2
30,0°	289.0	297.4	302.4	301.2	304.5	309.7	311.0	310.1	310.6	312.2	306.8	304.3	303.1	303.5	305.3
32,5°	302.6	305.9	308.7	310.5	312.5	317.8	319.6	318.8	317.6	314.3	312.6	310.8	312.1	315.1	317.5
35,0°	318.5	319.5	320.8	323.4	325.8	326.8	329.0	330.6	329.5	328.1	332.5	334.5	335.0	335.2	336.1
37,5°	333.8	335.9	336.8	338.2	338.9	343.4	346.2	347.5	348.9	347.0	347.4	351.6	353.0	351.6	350.0
40,0°	351.4	355.1	355.9	355.8	357.2	362.1	366.2	368.3	368.2	364.2	365.3	370.3	371.5	369.2	366.8
42,5°	371.9	377.1	378.1	377.1	383.3	382.1	387.6	391.9	385.9	380.5	389.5	393.6	392.1	387.7	385.9
45,0°	392.9	397.4	405.4	406.7	414.5	415.6	417.2	416.3	411.3	413.9	411.0	406.5	401.5	395.9	391.3
47,5°	419.6	424.2	430.0	425.5	427.6	433.3	434.1	430.9	427.0	425.9	418.2	410.5	404.4	402.1	402.8
50,0°	467.0	469.7	464.4	457.0	460.5	461.6	458.8	452.5	442.8	438.6	429.2	413.2	403.3	398.0	388.0
52,5°	494.5	497.3	496.1	487.9	482.8	483.8	473.0	455.2	443.0	427.2	411.7	396.2	384.8	374.9	358.8
55,0°	524.1	521.4	519.6	510.1	495.3	485.5	465.0	439.0	418.7	393.3	370.7	351.8	333.9	316.8	301.1
57,5°	558.2	544.7	531.5	513.0	490.2	459.1	429.0	398.5	362.4	332.5	305.8	281.3	254.1	226.7	207.6
60,0°	570.5	551.0	523.9	487.8	438.7	407.7	369.1	324.1	284.2	236.9	195.8	151.2	116.3	91.8	74.0
62,5°	573.9	524.8	476.9	429.6	381.5	323.0	259.8	193.7	130.8	89.7	59.2	39.2	27.3	21.7	17.8
65,0°	513.9	465.6	404.1	334.5	252.4	166.3	106.4	69.9	38.2	21.3	12.0	7.3	4.9	3.9	3.5
67,5°	438.4	364.5	276.7	187.5	123.6	67.8	30.4	11.1	4.5	2.3	2.2	2.3	2.4	2.4	2.4
70,0°	335.5	243.9	151.9	75.9	37.2	17.1	7.1	4.0	3.1	2.9	2.7	2.8	3.0	2.9	2.7
72,5°	204.3	119.4	57.5	31.9	14.9	7.6	4.8	3.6	3.2	3.4	3.3	3.2	3.1	2.9	2.6
75,0°	108.2	55.3	29.2	14.9	8.7	5.7	3.9	3.2	3.1	3.3	2.8	2.5	2.6	2.6	2.3
77,5°	65.7	36.1	17.7	10.4	6.2	4.3	3.6	3.2	2.6	2.4	1.9	2.1	2.0	1.7	1.7
80,0°	43.3	26.1	14.2	8.3	4.8	3.3	2.5	2.2	1.9	1.5	1.3	1.2	1.1	1.0	0.9
82,5°	24.5	16.5	10.0	5.8	3.3	2.2	1.5	1.1	1.0	0.7	0.7	0.6	0.5	0.5	0.4
85,0°	10.3	7.9	5.0	3.2	1.8	1.2	0.7	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2
87,5°	2.9	2.2	1.6	1.0	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
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

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<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°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9
2,5°	196.6	196.2	196.5	196.8	197.0	197.5	197.8	184.6	182.0	179.8	178.2	177.2	176.0	174.8	175.3
5,0°	205.3	206.3	204.9	204.4	204.4	203.8	204.3	182.8	182.9	182.3	181.2	180.3	179.0	178.3	179.1
7,5°	221.4	220.8	220.6	220.5	220.3	219.4	218.7	181.2	181.6	181.7	180.6	178.7	176.7	175.4	173.1
10,0°	233.8	234.8	235.4	235.8	235.3	234.2	234.2	179.6	178.0	177.0	175.5	173.4	171.2	169.3	165.9
12,5°	239.8	245.9	246.3	246.4	245.8	244.2	247.2	178.5	173.4	170.2	168.3	167.0	165.5	163.5	162.4
15,0°	252.9	254.8	256.1	255.4	253.7	253.3	254.1	181.4	178.4	175.3	173.0	171.3	168.0	168.5	164.5
17,5°	264.0	263.6	266.7	267.2	265.6	263.9	261.7	181.3	177.8	175.0	171.4	166.8	164.0	162.6	159.4
20,0°	270.2	274.7	273.7	273.4	274.3	274.4	273.5	179.3	176.2	173.2	169.5	165.1	161.7	156.7	150.9
22,5°	285.5	283.6	283.0	283.4	284.3	284.8	283.5	181.1	174.2	171.2	167.3	160.9	154.4	151.7	145.2
25,0°	297.2	292.5	292.0	291.8	292.5	294.9	294.0	183.4	175.0	170.4	165.1	157.6	150.7	148.9	142.7
27,5°	301.5	302.2	299.9	297.6	298.9	303.8	304.2	183.4	178.4	171.0	163.4	156.6	152.1	147.0	140.5
30,0°	307.8	310.9	312.2	311.8	310.1	307.1	306.4	185.6	180.1	172.5	163.3	153.1	143.7	137.2	134.2
32,5°	320.6	324.4	325.2	323.5	321.0	319.2	317.8	187.7	177.5	167.4	157.5	149.3	147.4	137.6	129.1
35,0°	336.7	336.0	337.7	337.2	334.0	329.4	328.2	190.7	180.3	172.2	162.0	149.3	142.6	134.7	126.6
37,5°	352.2	351.9	349.8	349.0	349.8	350.9	350.9	195.9	185.5	176.0	164.9	152.2	142.3	130.1	123.0
40,0°	369.1	369.7	365.7	363.1	364.5	368.7	370.1	204.0	191.7	177.6	164.5	153.4	141.0	128.2	121.7
42,5°	386.7	387.0	385.5	380.2	375.4	375.7	379.0	214.6	198.2	179.9	164.2	152.2	137.4	129.1	123.9
45,0°	394.5	396.2	399.3	394.0	384.4	382.7	392.8	221.7	205.7	189.7	172.9	155.2	136.6	124.2	119.8
47,5°	401.9	397.6	392.8	386.4	380.0	378.6	378.6	226.0	211.0	190.1	169.0	150.6	139.6	128.2	119.0
50,0°	377.0	373.9	370.3	368.3	366.0	362.2	359.7	235.1	210.6	188.7	169.5	153.0	138.9	128.1	118.2
52,5°	346.4	340.9	334.0	329.8	326.5	319.9	317.7	236.2	215.5	192.6	170.0	149.5	134.7	124.2	116.5
55,0°	287.3	276.2	265.5	257.0	250.7	245.4	238.9	239.9	218.9	193.5	168.3	146.4	131.3	120.3	114.5
57,5°	190.4	172.4	160.3	148.9	142.3	141.9	136.1	248.5	218.9	188.1	162.8	144.9	127.6	117.7	111.5
60,0°	58.3	50.7	41.3	36.2	35.1	35.3	34.6	250.5	221.0	188.3	159.0	136.1	116.0	110.3	103.7
62,5°	12.9	11.6	10.0	9.2	8.8	8.5	8.4	248.4	213.2	178.5	150.1	129.6	109.8	95.9	89.4
65,0°	2.5	2.7	2.8	3.0	3.2	3.0	2.5	241.0	197.5	163.7	135.6	113.1	98.8	83.9	79.7
67,5°	2.3	2.7	2.8	2.9	3.1	3.1	3.0	234.9	181.5	144.0	116.7	97.9	86.3	76.4	69.6
70,0°	2.7	3.2	3.3	3.2	3.0	3.0	3.7	216.0	154.5	117.1	94.0	81.0	71.7	66.1	58.6
72,5°	2.6	3.0	3.1	3.1	2.8	2.5	3.2	174.8	113.3	83.4	68.4	61.0	54.6	48.9	44.3
75,0°	2.1	2.1	2.6	2.6	2.4	2.5	2.2	93.2	65.4	52.1	43.9	39.4	35.2	31.5	29.0
77,5°	1.6	1.5	1.6	1.5	1.5	1.4	1.2	36.1	28.4	23.7	20.6	18.7	16.9	15.2	14.2
80,0°	1.0	1.0	0.9	0.9	0.9	0.8	0.7	13.2	10.9	9.5	8.5	7.6	6.8	6.3	5.7
82,5°	0.5	0.5	0.5	0.5	0.5	0.4	0.5	3.2	2.7	2.5	2.3	2.0	1.7	1.6	1.4
85,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.3	0.2	0.1	0.1
87,5°	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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 midi	<b>Order number: 5XF3E42T08MA</b> <b>EAN: 4058352466315</b>	<b>LP number</b> 59127_12
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## 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°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9
2,5°	175.7	174.7	172.0	170.3	169.7	170.8	169.8	168.5	168.9	169.1	167.3	167.9	169.2	169.8	169.0
5,0°	179.0	177.8	176.1	173.7	169.7	167.9	167.6	167.0	165.4	165.1	165.9	164.5	164.6	165.0	164.2
7,5°	171.9	170.5	167.7	166.6	164.7	163.0	162.5	162.6	162.2	160.6	162.0	160.6	158.7	157.4	157.1
10,0°	164.0	162.3	159.7	158.7	158.5	157.6	156.8	156.5	156.2	155.2	155.5	154.1	150.9	148.4	147.7
12,5°	159.9	157.4	156.5	154.9	153.6	153.1	152.5	151.0	149.2	150.7	147.9	145.8	144.9	143.3	140.9
15,0°	161.8	157.4	150.8	148.5	150.2	148.6	147.9	146.9	143.4	140.2	142.5	141.9	142.2	143.0	142.3
17,5°	156.8	151.3	143.9	143.0	139.4	140.5	139.7	138.3	138.8	137.6	138.1	138.4	138.1	137.1	135.9
20,0°	146.4	142.7	139.6	136.9	134.1	132.9	131.4	130.7	131.5	132.2	132.3	132.8	132.9	132.6	132.5
22,5°	140.1	137.0	135.9	133.8	131.2	129.2	127.7	127.1	127.5	127.3	128.2	128.8	128.6	126.7	124.6
25,0°	136.5	132.5	130.9	128.7	126.6	126.4	125.9	124.9	123.8	122.2	124.1	124.1	123.2	120.8	118.1
27,5°	134.7	129.4	124.6	119.8	118.7	120.6	122.0	120.9	118.0	116.9	119.4	117.6	116.1	115.8	116.1
30,0°	128.7	123.3	119.4	116.8	112.0	113.0	114.6	114.7	113.5	114.9	114.1	111.5	110.3	110.6	111.5
32,5°	124.9	121.6	117.5	118.4	116.1	116.4	116.3	114.1	110.7	110.0	108.7	109.0	109.3	108.7	107.4
35,0°	122.4	120.8	118.6	113.1	111.4	109.1	108.2	108.4	108.5	107.9	106.3	106.5	106.1	105.5	106.0
37,5°	119.9	117.2	112.9	110.0	107.1	104.5	104.0	105.2	106.0	103.0	101.5	103.0	102.0	100.2	100.9
40,0°	118.6	114.0	107.9	107.1	103.6	101.4	100.9	101.6	101.9	98.6	97.3	100.2	99.6	97.6	97.9
42,5°	118.0	111.8	105.9	103.5	101.1	98.7	96.3	95.4	96.6	97.6	96.4	98.6	98.7	98.4	100.0
45,0°	112.2	105.9	102.6	100.8	100.5	94.7	92.9	93.9	93.2	92.5	93.4	93.2	92.0	92.4	95.3
47,5°	109.6	102.3	98.6	98.2	96.7	92.6	91.5	91.5	89.6	88.6	89.0	90.0	90.3	90.4	90.3
50,0°	108.6	101.8	99.5	99.8	92.8	89.6	88.3	87.6	87.7	87.7	87.4	88.3	87.9	87.0	87.3
52,5°	107.3	100.6	97.6	95.0	89.2	87.2	84.8	83.4	84.2	85.9	82.9	84.2	84.9	83.7	82.1
55,0°	105.9	99.5	96.5	90.0	85.8	84.1	81.7	79.8	79.7	80.5	78.4	78.7	79.1	78.7	77.8
57,5°	103.8	98.5	95.6	87.6	82.4	80.4	78.3	76.3	74.6	73.0	75.0	73.1	71.9	73.1	75.6
60,0°	98.9	93.2	86.0	82.3	79.6	77.8	72.7	68.9	68.8	69.7	69.9	67.3	68.6	71.8	73.1
62,5°	84.4	80.0	76.3	75.0	70.9	68.8	65.1	62.7	62.9	63.8	64.2	64.5	65.0	66.0	67.2
65,0°	75.7	71.3	67.5	64.9	65.4	61.7	59.2	57.7	56.3	57.1	57.4	58.6	57.6	57.3	60.3
67,5°	65.8	62.2	58.3	55.0	54.7	52.2	50.7	50.3	50.0	49.4	48.4	50.6	51.2	51.1	52.8
70,0°	54.2	51.5	48.2	45.0	43.5	42.0	41.0	41.0	41.9	40.6	39.5	42.0	43.3	43.3	43.8
72,5°	41.2	38.9	36.8	34.6	33.0	32.3	30.7	30.3	31.6	30.5	31.2	32.6	32.9	32.5	32.9
75,0°	26.1	23.5	21.9	21.2	20.0	20.8	20.3	19.4	19.7	19.6	19.1	20.0	21.6	22.7	22.7
77,5°	13.5	12.4	10.8	10.3	10.1	10.0	10.1	10.0	10.0	10.4	10.8	10.7	11.1	11.8	12.2
80,0°	5.5	5.0	4.3	4.2	3.9	4.0	4.2	4.1	3.9	4.2	4.5	4.3	4.5	4.8	4.8
82,5°	1.3	1.3	1.3	1.0	1.1	1.1	1.1	1.0	0.9	1.0	1.1	1.2	1.2	1.3	1.4
85,0°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
87,5°	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
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 midi	<b>Order number: 5XF3E42T08MA</b> <b>EAN: 4058352466315</b>	<b>LP number</b> 59127_12
<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°	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	184.9	0.3	0.3
2,5°	169.1	169.0	169.3	169.4	169.4	169.3	168.3	169.2	169.3	169.3	169.1	168.9	170.1	2.2	2.5
5,0°	164.1	163.3	163.6	163.9	163.6	162.8	162.4	161.3	160.9	161.4	161.8	161.1	160.5	4.4	6.8
7,5°	157.0	154.5	154.5	154.3	153.8	153.6	153.0	151.9	152.0	152.3	151.4	149.2	149.1	6.6	13.4
10,0°	147.7	145.6	145.4	145.6	145.8	146.0	145.2	145.1	145.7	145.9	144.9	142.8	143.3	8.8	22.3
12,5°	140.9	141.1	141.3	141.9	142.4	142.4	141.8	142.4	143.2	144.1	144.4	144.1	144.6	11.1	33.4
15,0°	139.2	137.8	136.8	135.1	134.1	134.8	135.5	135.7	137.0	138.6	139.5	139.7	141.5	13.5	46.9
17,5°	134.9	135.6	134.4	133.5	133.3	133.4	133.9	133.4	134.0	133.4	132.3	131.6	130.6	15.9	62.8
20,0°	133.0	131.3	130.8	129.5	128.5	128.5	127.6	129.3	128.8	127.8	126.6	125.2	125.5	18.1	80.9
22,5°	126.4	125.8	124.4	124.1	124.9	125.4	123.6	124.5	123.7	123.5	125.1	127.0	126.4	20.5	101.5
25,0°	120.1	121.8	121.0	121.2	121.8	121.7	121.3	121.1	119.5	119.7	122.8	127.2	128.2	23.0	124.5
27,5°	118.0	119.4	121.0	120.6	118.5	116.9	118.5	118.8	116.3	115.2	117.5	122.3	126.0	25.4	149.9
30,0°	111.4	111.3	111.9	114.0	116.8	118.8	117.5	113.2	112.1	112.4	114.1	117.4	120.3	28.0	177.9
32,5°	107.8	111.2	113.4	114.2	113.9	113.3	113.3	113.6	116.0	116.4	113.2	108.3	106.2	30.7	208.6
35,0°	108.7	109.3	107.7	107.2	108.3	109.4	107.7	108.2	110.3	111.1	109.9	108.0	107.5	33.6	242.2
37,5°	102.8	104.4	103.7	103.6	104.9	106.1	103.5	103.8	106.2	109.7	111.0	109.1	108.8	36.7	278.9
40,0°	99.1	101.1	101.8	102.1	103.0	104.2	102.7	103.3	104.4	108.2	110.4	109.2	107.4	40.1	319.0
42,5°	100.2	100.2	99.9	100.6	102.0	103.4	104.9	105.8	104.6	104.3	105.7	107.2	104.8	43.8	362.8
45,0°	96.4	96.9	95.8	97.0	98.8	99.7	101.8	100.5	99.8	101.4	103.3	104.0	106.2	47.4	410.2
47,5°	87.1	91.1	96.3	96.0	94.0	95.3	96.7	96.7	96.3	99.0	101.1	99.8	100.2	50.6	460.8
50,0°	87.9	88.4	90.5	91.3	92.5	95.9	97.0	95.8	95.4	96.4	97.7	98.3	98.2	53.9	514.7
52,5°	82.2	83.5	86.1	90.5	93.3	93.0	93.3	94.4	93.7	92.5	92.7	95.1	98.2	56.2	570.9
55,0°	76.9	80.0	82.9	87.4	89.9	89.1	88.9	90.4	90.3	89.6	90.0	92.1	96.5	57.0	627.9
57,5°	75.6	78.7	79.0	79.3	81.4	84.8	85.2	83.9	85.8	88.1	89.6	90.3	91.4	56.1	684.0
60,0°	73.8	74.8	75.0	74.8	75.9	78.8	80.8	80.7	80.9	80.8	80.7	81.6	85.4	53.0	737.0
62,5°	67.4	69.5	69.3	70.4	72.2	73.5	74.0	76.0	77.2	78.0	77.8	77.3	80.4	50.1	787.1
65,0°	63.0	63.4	63.0	65.3	68.1	68.6	70.4	70.8	73.1	73.9	73.6	73.5	74.7	47.5	834.6
67,5°	54.8	54.8	55.3	57.5	59.7	61.4	63.1	62.9	63.5	64.7	65.5	65.5	63.5	44.8	879.4
70,0°	45.2	45.2	46.4	47.8	49.5	51.5	52.8	53.2	52.7	53.9	55.5	55.2	53.0	40.5	919.9
72,5°	35.0	35.2	35.6	37.3	38.8	39.1	40.3	41.9	43.4	44.2	44.1	43.5	44.5	33.7	953.6
75,0°	22.4	22.8	24.4	24.5	24.9	27.1	27.9	28.2	29.1	29.4	29.0	28.7	29.5	23.9	977.5
77,5°	12.4	12.7	13.1	13.8	14.9	15.9	16.4	16.2	16.3	16.7	17.3	17.7	17.0	13.4	990.9
80,0°	4.9	5.4	5.5	5.9	6.2	6.4	6.5	6.7	6.8	7.1	7.5	7.6	7.1	6.0	996.9
82,5°	1.5	1.7	1.8	1.9	2.0	2.0	2.0	2.2	2.3	2.4	2.5	2.5	2.3	2.3	999.2
85,0°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.7	999.8
87,5°	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	0.2	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 midi	<b>Order number: 5XF3E42T08MA</b> <b>EAN: 4058352466315</b>	<b>LP number</b> 59127_12
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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]
100	254	254	18000	120.0
95	241	252	17079	114.0
90	229	250	16228	108.3
85	216	248	15327	101.8
80	203	246	14425	95.4
75	190	243	13492	89.2
70	178	241	12631	83.4
65	164	238	11692	77.1
60	151	235	10818	71.2
55	138	232	9905	65.4
50	125	228	8992	59.6
45	112	224	8078	54.0
40	99	219	7167	48.3
35	87	215	6334	43.4
30	74	209	5418	37.8
25	62	202	4518	32.7
20	50	194	3623	27.4
15	37	183	2726	22.6
11	26	171	1968	17.6