

Photometric test report

Family
Streetlight 31 midi

Order number: 5XF3C42T08MA
EAN: 4058352466247

LP number
59126_12



Version post-top or side-entry mounting, Smart Interface up/down
Optic asymmetric, wide distribution (ST0.8a)
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

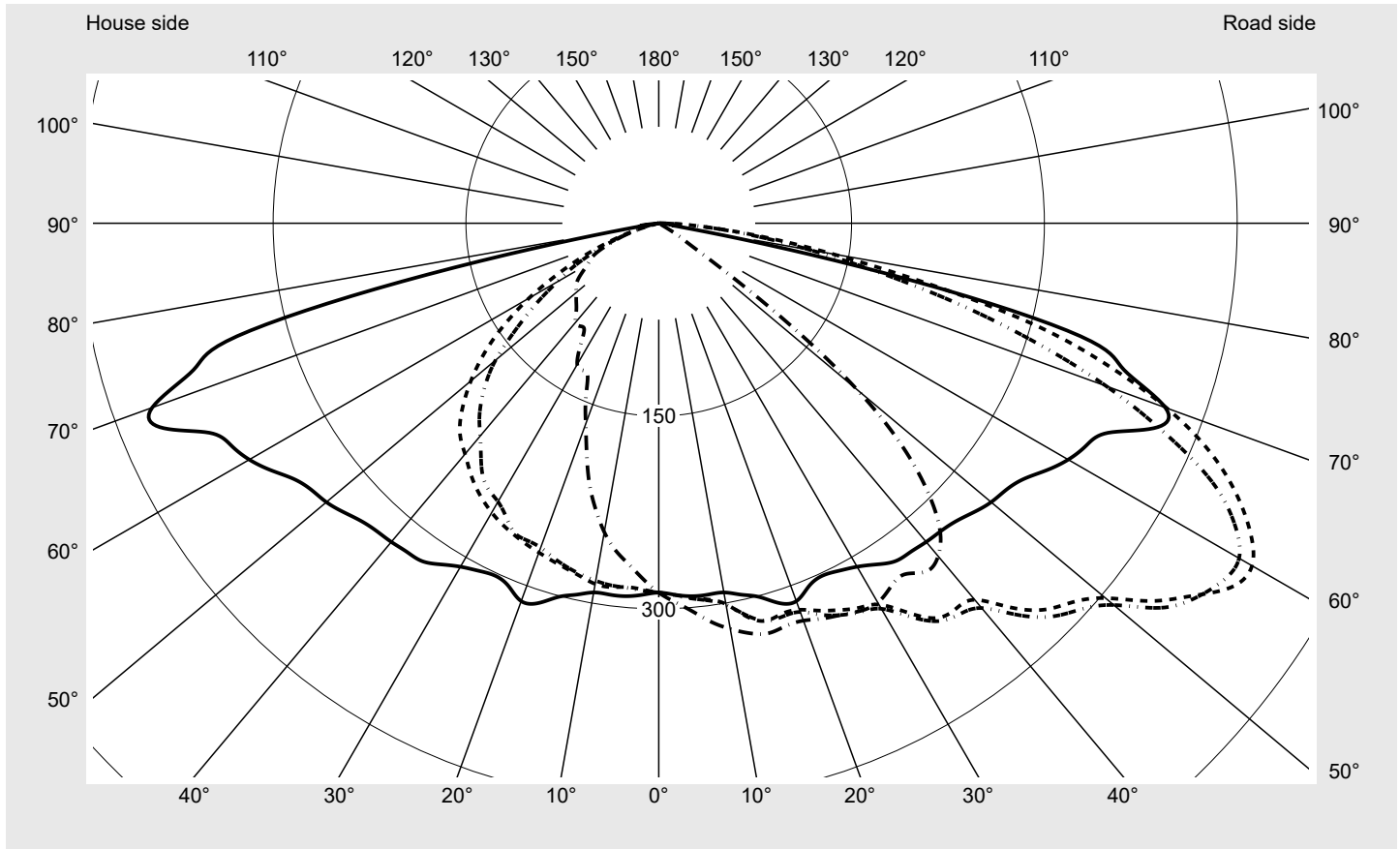
C180-0

C200-20

C202,5-22,5

C270-90

Imax: 533 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°	514.2
Imax 80°	148.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

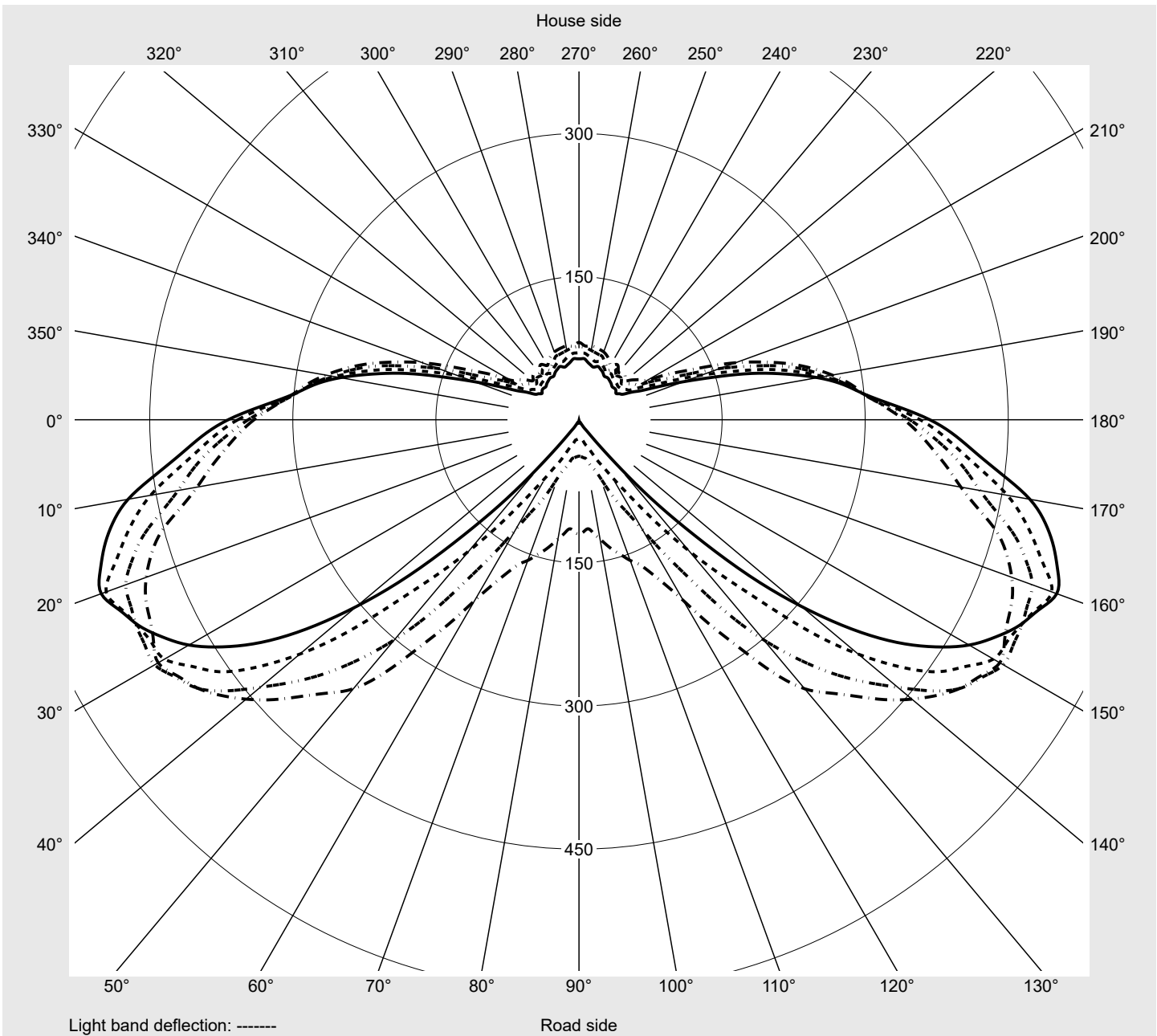
Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



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Table of values for luminous intensities		Maximum luminous intensity
		siteco

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°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2,5°	289.3	288.8	288.3	288.8	289.2	289.2	289.3	289.4	289.5	289.8	290.2	290.3	290.3	292.4	294.5
5,0°	291.3	290.8	290.2	291.0	291.8	292.2	292.4	292.4	292.5	293.0	293.6	294.0	294.3	297.4	300.5
7,5°	291.5	292.6	293.4	294.5	295.5	296.6	297.7	296.5	295.3	296.0	296.8	297.7	298.8	300.7	303.2
10,0°	291.7	294.1	297.0	298.5	299.2	300.6	302.1	301.5	300.9	301.6	302.2	303.7	305.5	307.2	309.0
12,5°	296.0	298.2	300.4	301.6	302.1	303.3	304.8	308.9	313.0	312.1	311.2	313.4	315.7	317.6	319.4
15,0°	301.0	303.2	305.4	305.9	306.4	307.2	308.3	314.3	320.3	320.2	320.1	322.9	325.8	328.1	329.9
17,5°	309.7	312.8	315.6	314.2	312.9	312.0	311.6	315.1	318.6	320.8	322.1	324.9	328.4	330.3	331.4
20,0°	312.9	317.0	320.5	319.6	318.7	318.4	318.2	319.1	320.0	321.8	324.2	327.2	330.9	331.9	332.9
22,5°	305.5	310.8	316.0	320.6	324.8	329.3	333.8	330.0	326.2	329.7	333.2	336.5	339.6	342.4	344.9
25,0°	302.3	308.5	314.6	321.2	328.2	335.0	341.7	336.9	332.0	336.3	340.5	344.2	347.6	350.9	353.9
27,5°	304.7	310.8	316.9	321.3	324.5	328.6	332.9	335.6	337.3	340.8	345.2	349.7	354.6	356.1	357.7
30,0°	308.6	314.0	320.6	324.5	327.1	330.6	334.2	338.3	342.6	346.4	350.0	355.1	361.3	362.5	363.6
32,5°	314.8	320.5	327.1	333.1	339.0	344.9	351.0	355.4	358.8	362.6	366.4	366.2	366.0	368.7	371.3
35,0°	320.9	326.5	331.8	340.3	350.9	359.6	367.7	372.5	375.0	377.9	380.3	377.4	374.4	378.3	382.2
37,5°	322.2	327.6	332.9	341.0	351.0	360.1	369.1	374.9	378.7	383.7	388.8	387.2	385.7	390.6	395.6
40,0°	323.7	329.6	335.7	343.0	351.2	360.4	370.5	377.4	382.4	390.8	400.8	401.6	402.3	408.0	413.7
42,5°	324.9	332.4	341.3	348.9	355.9	367.5	381.8	393.9	405.5	413.3	418.4	423.9	428.7	434.8	441.6
45,0°	327.6	336.4	346.6	355.5	364.1	378.3	396.1	410.9	425.0	432.7	435.7	443.1	451.8	458.2	463.5
47,5°	332.7	342.5	351.2	362.8	376.1	393.6	414.4	427.4	436.5	444.8	451.4	460.8	471.6	473.9	476.2
50,0°	337.6	348.4	355.8	371.1	390.6	411.0	433.4	446.3	453.7	462.1	469.3	478.5	488.5	488.8	489.0
52,5°	340.7	357.9	373.7	390.1	406.5	428.2	453.3	470.2	482.8	491.5	496.2	502.9	509.4	499.4	489.4
55,0°	346.8	369.0	390.3	409.4	426.8	448.9	473.6	491.5	505.7	508.8	512.0	512.8	513.6	501.8	489.9
57,5°	357.7	382.2	404.0	429.3	456.0	476.9	494.4	511.6	527.5	519.1	510.8	505.3	501.7	481.1	460.4
60,0°	367.8	395.6	419.8	448.9	480.0	500.7	515.2	526.3	533.0	521.3	509.7	492.7	472.2	443.0	406.8
62,5°	374.8	407.7	439.6	468.8	495.9	512.8	522.0	520.3	518.5	504.6	490.7	461.8	422.9	373.9	314.8
65,0°	385.7	422.3	457.7	487.0	511.9	520.4	528.9	511.9	495.0	474.4	451.2	411.8	360.7	299.3	227.2
67,5°	416.7	452.8	482.3	502.0	513.0	514.4	515.8	489.8	463.8	425.8	379.9	330.3	275.5	213.9	146.2
70,0°	419.4	458.8	488.8	507.0	514.2	502.8	491.5	456.1	420.6	370.5	310.5	254.3	197.6	133.8	65.1
72,5°	379.6	426.3	468.1	472.4	476.8	463.5	450.3	407.5	364.8	306.2	236.9	181.1	130.7	83.9	41.3
75,0°	339.7	396.8	447.3	443.4	439.5	424.2	409.0	353.9	298.9	239.3	176.9	119.2	63.9	32.4	17.6
77,5°	183.7	225.6	269.0	268.2	267.4	266.9	266.6	238.0	209.3	173.9	134.0	92.8	49.1	24.8	12.6
80,0°	27.8	54.3	90.7	116.2	137.8	145.8	148.9	146.2	136.7	119.5	96.9	68.5	34.3	16.5	7.7
82,5°	14.0	27.3	45.6	59.4	71.9	82.7	91.7	87.4	83.2	75.8	66.3	51.2	31.8	18.1	7.0
85,0°	0.2	0.3	0.4	3.3	6.1	17.0	27.8	36.1	42.5	41.2	40.0	32.6	25.2	16.3	6.3
87,5°	0.1	0.2	0.2	1.6	3.1	8.5	13.9	14.9	15.9	15.5	15.0	12.2	9.4	6.4	3.2
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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Table of values for luminous intensities		Maximum luminous intensity
siteco		

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°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2,5°	296.2	297.7	299.8	302.2	300.0	297.8	297.4	297.0	296.6	296.1	294.4	292.7	293.2	293.7	293.8
5,0°	303.0	305.2	308.0	311.0	309.6	308.2	306.5	304.6	304.0	303.5	301.4	299.3	299.8	300.3	300.8
7,5°	305.7	308.4	308.0	307.6	308.8	309.9	309.4	308.8	308.9	309.0	308.7	308.4	307.9	307.3	308.7
10,0°	310.4	311.5	310.9	310.2	312.0	313.8	313.8	313.7	314.2	314.6	315.4	316.4	315.4	314.5	316.0
12,5°	321.5	323.7	324.4	325.1	323.5	322.0	321.0	320.5	320.4	320.3	321.6	322.9	322.5	322.2	322.4
15,0°	331.4	332.6	333.4	333.7	330.9	328.0	326.5	326.0	326.1	326.2	327.5	328.8	329.5	329.8	328.6
17,5°	333.7	336.5	334.0	331.6	330.9	330.2	329.4	328.5	330.1	331.8	332.9	333.6	332.6	331.5	331.5
20,0°	336.8	340.7	336.4	332.2	332.9	333.7	333.4	333.1	335.8	338.5	338.7	339.0	336.5	334.1	334.4
22,5°	344.8	344.7	339.7	334.7	336.3	337.9	339.7	341.8	345.0	349.1	348.0	347.0	342.7	338.3	337.4
25,0°	352.1	350.3	346.6	341.6	343.1	344.5	346.4	348.5	351.5	355.1	353.4	351.8	346.8	341.8	339.3
27,5°	357.2	356.7	356.4	356.3	356.0	355.6	353.6	351.6	352.2	352.8	351.7	350.6	347.2	343.8	341.6
30,0°	364.7	365.9	367.1	368.5	367.0	365.5	360.8	356.2	354.8	353.5	352.4	351.6	349.6	346.9	345.0
32,5°	375.1	379.8	377.4	375.0	373.3	372.0	366.5	361.0	358.1	357.1	355.7	354.6	353.1	351.4	350.2
35,0°	387.1	392.7	389.2	385.6	383.1	381.2	376.4	369.8	366.3	364.3	362.1	360.3	358.2	356.1	355.5
37,5°	399.4	402.3	402.4	402.6	398.5	394.5	389.7	384.6	381.9	380.8	378.1	375.1	370.6	365.2	366.6
40,0°	414.4	415.2	417.0	419.5	413.6	407.7	403.1	399.4	394.6	389.6	384.6	379.6	373.3	366.1	366.0
42,5°	438.1	434.6	430.1	424.8	426.7	428.6	415.7	402.8	393.6	386.8	378.1	368.8	361.2	354.7	349.5
45,0°	457.3	451.1	441.8	430.6	432.3	434.0	420.1	406.2	394.4	384.1	371.5	358.0	349.2	343.3	331.4
47,5°	473.5	470.8	459.0	447.2	435.6	424.2	407.4	387.0	374.8	367.0	352.0	333.8	320.0	308.0	296.9
50,0°	481.9	474.9	461.4	443.6	422.9	398.8	381.6	367.8	345.8	319.4	299.3	281.8	265.1	249.7	239.4
52,5°	474.2	455.5	434.1	409.7	388.4	368.1	333.6	290.0	253.6	218.8	194.0	176.3	163.7	156.9	148.9
55,0°	466.8	436.2	406.8	375.9	340.3	301.0	255.7	205.3	166.2	133.1	109.7	94.7	78.4	64.0	55.4
57,5°	425.9	382.1	329.5	267.8	220.4	179.5	142.4	109.9	86.2	69.7	56.9	48.9	40.7	34.0	29.7
60,0°	360.2	304.3	241.5	171.2	112.1	57.9	27.5	14.6	10.5	6.4	4.1	3.1	3.5	4.0	3.8
62,5°	254.7	190.7	138.1	91.9	57.0	31.8	15.8	9.2	6.8	4.4	3.2	2.8	2.7	2.5	2.4
65,0°	154.2	77.1	34.1	12.5	9.1	5.6	4.7	3.8	3.2	2.8	2.5	2.3	1.7	1.1	1.1
67,5°	91.8	44.3	18.2	8.6	6.4	4.1	3.0	2.5	2.0	1.7	1.4	1.2	1.0	0.7	0.8
70,0°	28.5	11.5	8.5	5.5	3.7	2.8	1.9	1.5	1.0	0.5	0.3	0.2	0.3	0.4	0.5
72,5°	17.4	7.4	5.3	3.2	2.1	1.6	1.0	0.6	0.4	0.3	0.2	0.1	0.2	0.2	0.3
75,0°	10.8	4.1	2.8	1.5	0.8	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3
77,5°	7.2	1.8	1.2	0.7	0.4	0.3	0.2	0.2	0.2	0.3	0.2	0.1	0.2	0.3	0.7
80,0°	4.1	0.5	0.3	0.2	0.2	0.1	0.2	0.2	0.3	0.4	0.3	0.2	0.3	0.4	0.8
82,5°	3.8	0.7	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.4	0.5
85,0°	3.5	0.6	0.4	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2
87,5°	1.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1
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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Table of values for luminous intensities		Maximum luminous intensity
		siteco

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°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2,5°	293.9	293.0	292.1	293.0	294.0	294.7	295.1	288.5	287.8	287.8	287.8	287.4	286.9	286.1	285.3
5,0°	301.1	299.8	298.5	300.1	301.8	302.7	303.2	289.6	288.0	288.1	288.2	287.2	286.2	285.2	284.2
7,5°	310.2	309.4	308.5	310.4	312.4	312.6	312.8	289.6	288.2	287.3	286.4	285.6	284.9	285.2	285.5
10,0°	317.6	317.2	316.8	318.7	320.6	320.6	320.5	290.1	288.4	286.5	284.7	284.6	284.4	284.7	285.0
12,5°	322.7	323.0	323.3	325.2	327.2	327.0	326.7	295.8	295.7	293.7	291.5	288.9	286.4	283.7	281.4
15,0°	327.3	327.7	328.1	329.1	330.3	330.3	330.2	302.0	303.0	301.5	298.2	292.0	286.6	281.7	278.1
17,5°	331.5	331.0	330.6	328.5	326.5	327.5	328.6	306.8	303.0	297.7	292.6	287.7	283.1	279.0	275.4
20,0°	334.8	334.0	333.3	329.6	326.0	327.5	329.0	308.7	303.0	295.1	287.1	284.9	281.7	277.1	272.6
22,5°	336.5	336.3	336.2	333.5	330.9	331.9	332.9	304.2	303.0	296.6	291.5	289.0	284.6	276.4	270.1
25,0°	338.5	338.8	339.2	337.1	335.1	335.6	336.2	302.5	302.7	299.8	295.9	291.4	285.1	276.1	267.1
27,5°	340.0	340.1	340.1	339.5	338.8	339.4	340.0	303.1	301.1	299.2	295.6	290.0	282.9	272.7	263.9
30,0°	343.3	342.0	341.1	341.3	341.4	341.1	340.8	305.0	301.6	299.7	295.3	287.5	279.1	269.4	259.9
32,5°	349.3	347.8	345.9	344.4	343.1	340.0	335.6	310.9	305.8	299.8	292.1	281.6	271.9	263.6	255.0
35,0°	355.0	352.9	350.7	347.5	343.6	338.9	333.5	315.9	309.0	299.8	289.6	277.5	266.7	258.3	249.1
37,5°	368.0	358.5	348.9	344.1	342.3	341.9	341.6	318.1	311.0	299.4	287.9	276.6	265.1	254.3	241.9
40,0°	365.9	356.5	347.2	344.1	340.9	339.1	338.1	319.9	312.5	299.3	286.5	274.3	261.6	249.2	234.5
42,5°	345.5	341.5	337.9	331.7	324.0	323.9	323.8	321.9	314.3	300.1	285.5	270.1	255.4	243.6	228.0
45,0°	316.6	314.5	312.4	309.8	307.0	302.3	296.3	322.6	313.7	300.0	284.5	265.8	248.5	235.7	218.6
47,5°	287.0	278.6	271.5	262.6	252.9	255.1	257.4	321.4	309.1	296.7	281.1	260.0	240.3	224.5	205.5
50,0°	232.9	223.2	212.7	201.7	190.2	195.8	201.4	320.9	305.2	292.8	276.5	254.2	232.4	212.6	190.8
52,5°	142.0	134.5	127.0	120.5	114.8	117.3	119.8	320.3	301.7	287.0	269.6	249.6	227.1	201.2	174.7
55,0°	51.1	45.8	41.3	40.3	39.3	38.6	38.2	322.1	300.0	282.9	263.6	242.6	217.9	186.7	157.0
57,5°	27.4	24.4	21.8	21.2	20.6	20.0	19.5	327.2	300.8	282.5	260.2	233.2	203.6	168.3	137.0
60,0°	3.6	2.9	2.2	2.0	1.8	1.4	0.9	332.4	301.7	280.2	254.0	221.4	187.6	148.7	116.5
62,5°	2.4	1.9	1.5	1.2	1.0	0.8	0.5	339.3	305.8	276.9	245.0	208.9	171.8	127.8	94.5
65,0°	1.1	0.9	0.7	0.5	0.2	0.1	0.1	347.3	309.0	271.9	233.1	190.8	150.2	105.8	74.1
67,5°	0.8	0.7	0.7	0.5	0.3	0.3	0.3	372.6	324.6	269.2	216.9	165.5	121.5	88.4	55.3
70,0°	0.6	0.6	0.6	0.5	0.4	0.5	0.5	366.7	312.7	256.6	200.7	137.7	89.5	63.7	37.9
72,5°	0.4	0.5	0.7	0.5	0.4	0.4	0.4	329.1	271.2	194.8	132.9	86.6	52.8	37.6	22.5
75,0°	0.4	0.5	0.7	0.5	0.3	0.4	0.4	272.2	205.9	132.9	77.0	46.5	16.0	11.5	7.0
77,5°	1.0	1.1	1.2	1.0	0.8	0.7	0.7	142.7	104.9	67.4	38.8	23.5	8.1	5.8	3.5
80,0°	1.1	1.4	1.7	1.4	1.2	1.1	1.1	15.8	3.9	2.3	0.7	0.4	0.2	0.1	0.0
82,5°	0.6	0.7	0.8	0.8	0.7	0.6	0.5	8.0	2.1	1.3	0.6	0.4	0.3	0.2	0.2
85,0°	0.1	0.1	0.0	0.2	0.3	0.2	0.0	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3
87,5°	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2
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

Family Streetlight 31 midi	Order number: 5XF3C42T08MA EAN: 4058352466247	LP number 59126_12
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2,5°	286.0	286.7	286.4	285.8	284.8	283.8	282.9	281.9	280.8	279.7	279.8	279.9	280.9	281.8	281.7
5,0°	284.7	285.3	284.3	283.4	282.5	281.2	279.5	277.7	275.5	273.3	272.8	272.3	273.4	274.5	273.9
7,5°	284.1	282.7	281.2	279.7	279.8	280.0	277.7	275.1	272.2	269.5	267.2	264.9	265.2	265.5	263.4
10,0°	282.4	280.0	277.9	275.8	277.3	278.8	275.9	272.6	268.5	264.6	260.7	256.9	256.3	254.9	252.1
12,5°	279.9	277.9	275.1	272.2	272.2	272.1	268.8	265.8	263.6	260.2	254.3	249.3	245.5	242.5	240.9
15,0°	276.8	274.5	270.5	267.4	266.2	264.1	260.2	256.8	254.7	251.0	244.4	238.6	233.2	229.0	227.1
17,5°	272.8	269.3	264.0	259.7	257.2	254.0	249.9	245.4	240.2	234.8	228.6	223.3	219.7	215.4	209.4
20,0°	268.6	264.1	259.0	253.9	249.3	244.2	238.5	232.3	224.7	218.0	212.3	207.3	203.9	199.3	192.8
22,5°	267.2	263.0	257.4	250.9	243.5	235.1	224.7	215.3	206.6	199.4	194.9	189.9	183.7	178.2	173.6
25,0°	265.6	262.0	256.0	247.9	237.2	225.8	212.4	200.8	190.8	182.9	178.4	173.0	165.3	159.6	156.5
27,5°	257.4	250.5	243.8	236.2	228.1	218.4	205.6	193.4	181.4	171.3	164.0	157.1	150.6	144.1	142.3
30,0°	250.1	241.0	233.2	224.8	216.7	206.5	192.7	179.6	166.7	155.9	147.8	140.8	135.3	129.8	129.1
32,5°	246.0	236.6	227.3	216.1	202.9	188.2	169.8	154.3	141.2	131.7	127.8	124.1	120.2	117.2	115.5
35,0°	239.0	228.0	216.7	203.2	186.5	169.3	148.9	132.9	121.7	113.7	110.1	107.3	105.7	104.6	104.2
37,5°	227.3	212.7	199.2	184.0	165.9	148.3	131.5	114.8	109.7	104.5	103.9	103.2	102.5	101.8	101.1
40,0°	216.1	198.3	181.7	164.6	145.8	129.1	115.4	101.7	98.9	96.1	96.7	97.3	97.1	96.7	96.1
42,5°	206.6	185.5	164.1	144.4	124.8	110.4	103.4	97.4	92.9	88.3	88.2	88.1	87.5	86.9	87.2
45,0°	195.1	171.7	146.6	125.6	110.8	96.0	93.7	90.5	86.1	81.7	80.9	80.2	80.0	79.8	80.4
47,5°	181.7	157.3	128.3	107.0	96.0	87.5	82.9	78.3	77.7	76.7	75.1	73.4	75.4	77.4	77.8
50,0°	165.8	141.0	116.5	92.1	85.6	79.6	74.2	68.9	70.3	71.8	69.9	67.9	71.0	74.2	73.9
52,5°	145.4	120.4	101.7	82.9	78.0	73.1	68.3	63.4	65.4	67.4	66.1	64.8	67.6	70.3	68.1
55,0°	126.3	102.1	87.8	73.4	69.4	65.6	62.0	58.4	60.3	62.2	61.6	60.9	63.3	65.6	62.8
57,5°	108.4	86.5	74.4	62.4	59.0	55.6	54.7	53.8	54.3	54.9	55.3	56.0	57.3	58.7	57.6
60,0°	91.3	72.4	63.0	53.6	50.7	47.8	48.8	49.8	49.4	49.1	50.3	51.4	52.2	53.1	53.0
62,5°	77.3	60.0	53.7	49.0	46.5	44.1	45.5	46.8	47.0	47.2	48.2	48.9	49.2	49.6	49.8
65,0°	61.4	48.6	45.4	42.6	40.6	38.5	41.2	43.8	42.9	42.0	42.4	42.8	44.4	46.0	45.5
67,5°	46.0	39.3	36.4	33.9	32.0	30.1	32.1	34.1	32.4	30.8	30.8	30.7	32.4	33.6	34.1
70,0°	32.7	28.8	26.6	24.6	23.1	21.6	23.0	24.4	22.7	21.4	20.7	20.1	21.5	22.7	24.0
72,5°	19.1	16.7	15.7	14.7	17.3	19.8	22.3	24.7	19.8	14.8	13.2	11.7	12.9	14.0	14.9
75,0°	5.8	4.5	4.6	4.7	12.2	18.1	21.6	25.1	16.6	8.1	5.7	3.3	4.3	5.3	6.1
77,5°	2.9	2.3	2.4	2.5	7.1	11.0	14.0	16.9	10.8	6.3	4.2	2.2	2.7	3.2	3.6
80,0°	0.1	0.1	0.2	0.3	1.8	4.0	7.3	10.7	7.3	4.5	2.8	1.0	1.1	1.1	1.0
82,5°	0.2	0.2	0.3	0.5	1.3	2.6	4.7	6.8	4.5	2.7	1.7	0.7	0.9	1.1	0.9
85,0°	0.3	0.2	0.4	0.7	0.9	1.5	2.6	3.7	2.3	1.4	0.9	0.4	0.7	1.0	0.9
87,5°	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.4	0.9	0.5	0.3	0.2	0.3	0.5	0.4
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

Family Streetlight 31 midi	Order number: 5XF3C42T08MA EAN: 4058352466247	LP number 59126_12
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	0.4	0.4
2,5°	281.6	281.5	281.3	281.1	280.8	280.4	279.9	278.9	278.0	278.0	278.1	277.6	277.2	3.4	3.9
5,0°	273.4	273.0	272.5	271.9	271.3	270.9	270.1	269.0	267.8	267.8	267.7	267.1	266.5	6.9	10.8
7,5°	261.8	260.9	259.9	258.7	257.5	257.6	257.8	258.1	258.3	257.7	257.0	256.9	256.8	10.3	21.1
10,0°	249.8	248.2	246.7	245.3	243.8	244.0	244.2	244.9	245.6	244.5	243.4	243.7	244.0	13.7	34.7
12,5°	238.8	236.0	233.1	232.4	231.6	230.7	229.9	229.5	228.7	227.4	226.2	226.8	227.5	17.1	51.8
15,0°	224.6	221.3	218.1	217.5	217.0	215.3	213.6	211.9	210.4	209.1	207.8	208.4	209.0	20.3	72.1
17,5°	204.8	202.4	200.0	199.3	198.5	196.1	193.5	190.5	188.3	187.4	186.5	186.5	186.6	23.2	95.4
20,0°	186.3	184.8	183.3	182.3	180.7	178.0	175.2	172.2	169.2	168.4	167.7	166.9	166.1	26.0	121.4
22,5°	169.0	168.8	168.7	165.5	162.7	160.6	158.3	155.5	153.3	151.8	150.6	149.6	148.5	28.9	150.3
25,0°	153.5	153.8	154.0	149.8	146.6	145.2	143.6	141.5	139.8	139.3	137.6	134.3	130.9	31.6	181.9
27,5°	140.6	139.4	137.5	134.5	131.5	131.5	131.4	130.6	129.8	130.6	131.4	130.1	128.9	34.1	216.0
30,0°	128.0	126.3	124.4	122.3	120.2	120.6	120.9	120.7	120.4	122.2	123.8	125.3	126.9	36.7	252.7
32,5°	113.8	115.0	116.1	115.7	115.0	113.7	112.6	111.7	110.8	111.9	112.8	113.4	114.0	39.2	291.9
35,0°	103.7	106.1	108.4	108.7	109.1	107.0	105.5	104.6	103.8	104.3	104.8	103.0	101.1	41.8	333.7
37,5°	100.4	100.8	101.2	101.4	101.6	100.6	99.7	100.1	100.6	101.2	101.8	101.4	100.9	44.5	378.1
40,0°	95.5	95.2	94.8	94.8	94.7	94.8	94.8	96.1	97.1	97.6	98.4	99.5	100.6	46.9	425.0
42,5°	87.7	88.4	89.1	88.8	88.5	90.2	91.5	92.3	93.0	93.8	94.5	94.9	95.2	49.1	474.1
45,0°	81.4	83.1	84.8	83.6	82.3	85.2	88.1	88.6	89.1	89.6	89.9	90.3	90.6	50.9	525.1
47,5°	78.2	80.5	82.8	81.9	81.0	83.0	84.9	85.3	85.6	85.0	84.5	85.8	87.1	51.8	576.8
50,0°	73.6	77.2	80.8	80.3	79.7	80.6	81.2	81.5	81.9	80.4	79.0	81.3	83.7	51.4	628.2
52,5°	65.9	69.3	72.0	74.1	75.6	76.5	77.3	77.9	78.6	78.1	77.6	79.3	81.1	48.8	677.0
55,0°	59.9	62.4	65.0	67.9	70.9	71.3	72.0	72.8	73.8	75.0	76.1	76.5	76.9	45.5	722.6
57,5°	56.5	58.9	61.0	62.8	64.5	64.0	63.4	65.2	66.9	68.4	69.9	70.1	70.2	42.6	765.1
60,0°	52.9	54.9	56.6	57.9	59.2	58.2	57.2	58.4	60.0	62.1	64.2	64.0	63.9	38.9	804.0
62,5°	50.5	51.7	53.0	54.2	55.5	55.1	54.7	56.7	58.4	59.7	60.9	60.1	59.3	36.8	840.7
65,0°	45.0	45.8	46.7	49.2	51.7	51.9	52.1	54.5	56.9	55.6	54.4	53.3	52.3	34.0	874.8
67,5°	34.7	35.5	36.2	36.7	37.7	39.5	41.1	42.4	43.7	43.4	42.8	41.9	41.1	31.4	906.2
70,0°	24.9	25.5	26.0	25.9	25.8	28.1	30.4	30.9	31.4	31.5	31.5	31.1	30.6	28.1	934.2
72,5°	15.9	16.1	16.3	16.1	15.8	17.9	19.9	19.3	18.7	19.7	20.7	20.3	19.9	23.7	958.0
75,0°	6.9	6.7	6.5	7.7	8.6	9.0	9.4	9.5	9.6	9.7	9.8	10.8	11.7	19.3	977.3
77,5°	3.9	4.0	4.1	4.8	5.4	5.7	6.0	5.9	5.9	6.0	6.3	6.8	7.4	12.1	989.4
80,0°	0.9	1.4	1.7	1.9	2.2	2.4	2.6	2.4	2.2	2.5	2.8	2.9	3.0	5.5	994.9
82,5°	0.8	1.0	1.2	1.3	1.4	1.4	1.5	1.4	1.3	1.6	1.8	1.8	1.8	3.3	998.2
85,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	1.0	0.8	0.7	1.3	999.5
87,5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.5	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

Family Streetlight 31 midi	Order number: 5XF3C42T08MA EAN: 4058352466247	LP number 59126_12
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Dimming levels table	environmental temperature: 25°C	sITeco
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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