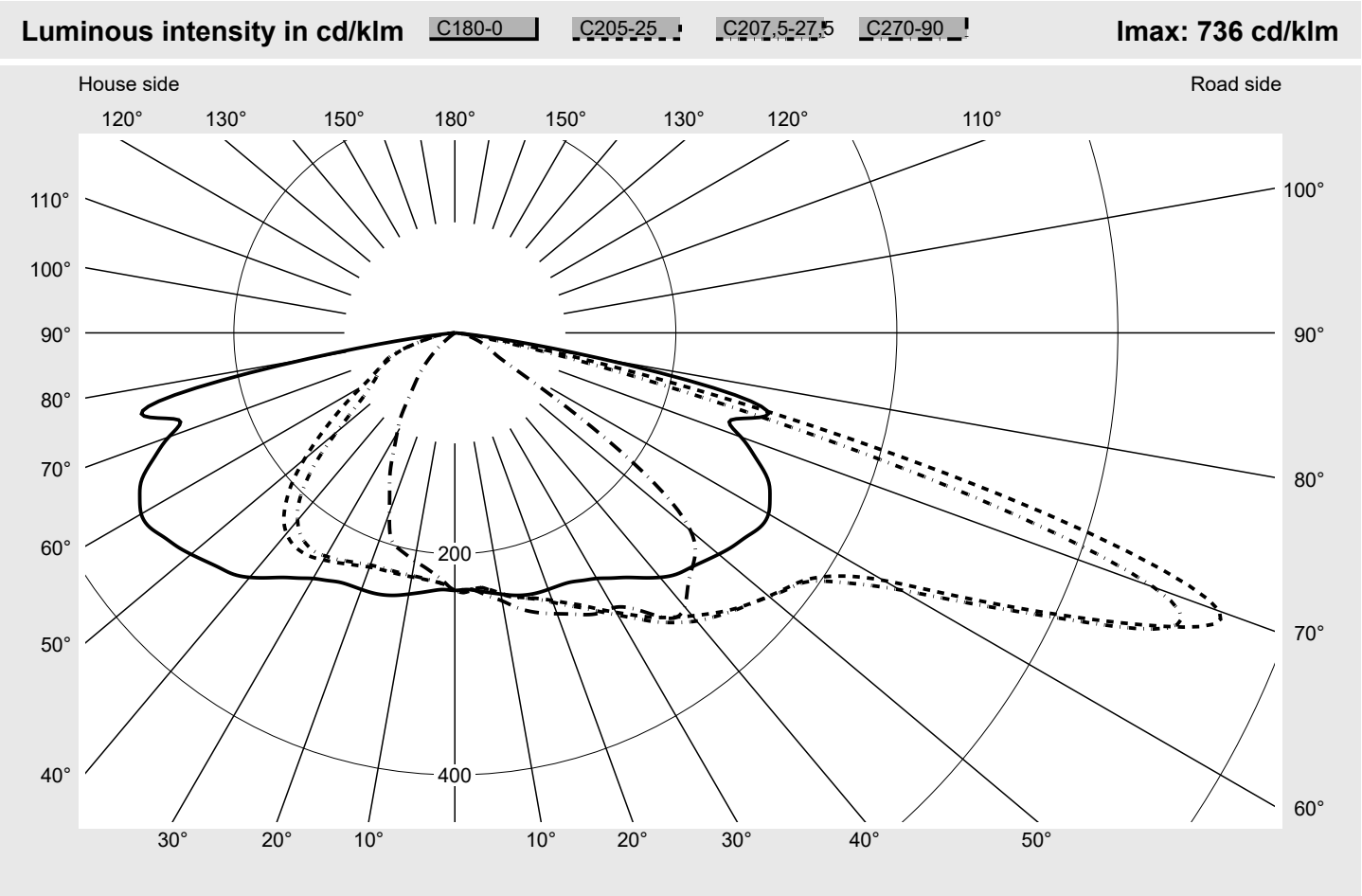


Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936		LP number 59830_2
	Version	post-top or side-entry mounting, shield, rear shielding	serial documentation 25.08.2025
	Optic	asymmetric, wide distribution (ST1.0a)	
	Cover	toughened safety glass	
	Lamps	LED 3000 K CRI ≥ 70	
	Controlgear	ECG SITECO	
	Rated values	Net luminous flux = 1320 lm Power consumption = 10.3 W Luminous efficacy = 128.2 lm/W	
			siteco

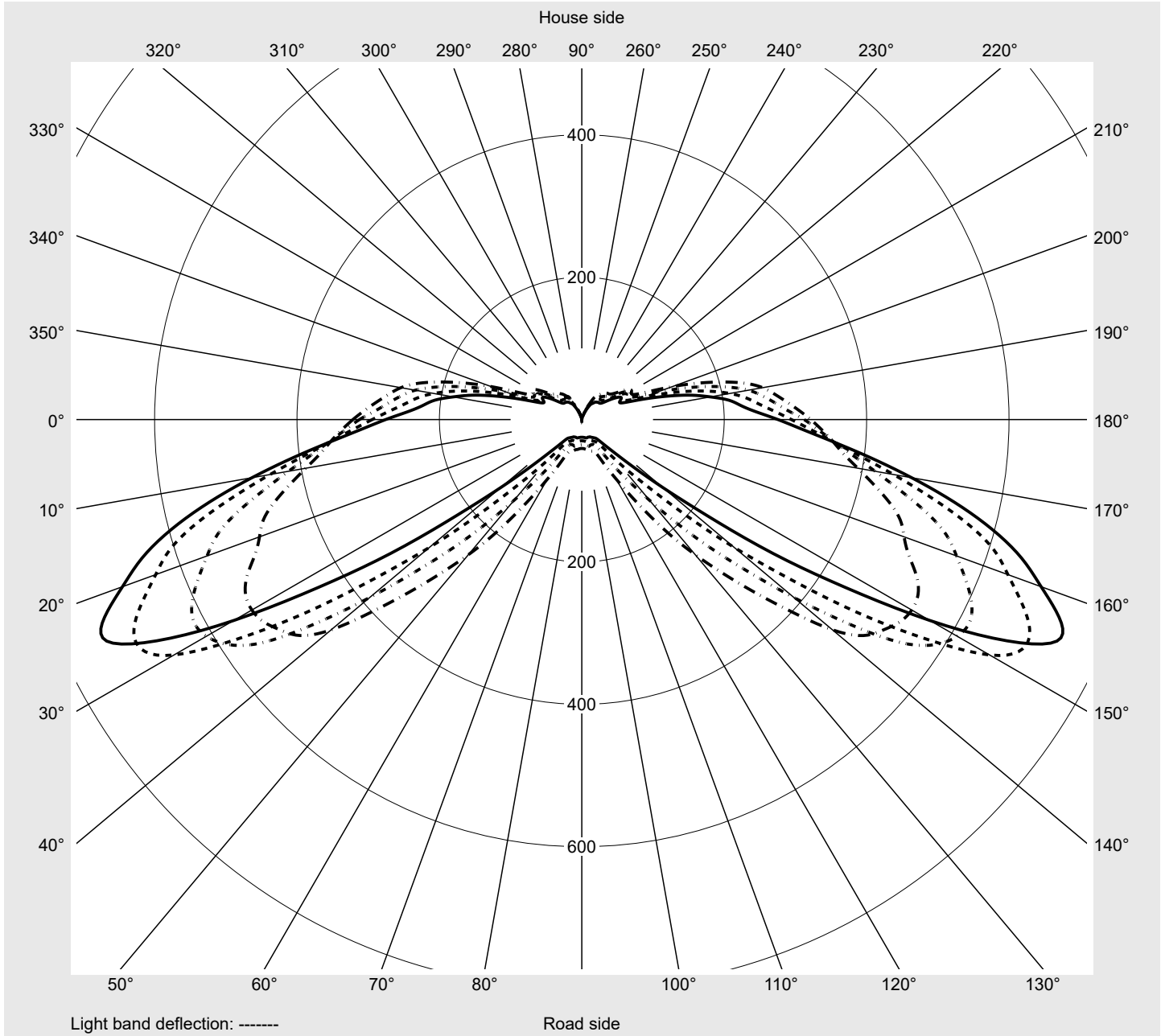


Luminaire output ratios		Luminous intensity class acc. to EN13201-2	
Eta	100.0%	Class:	G2
Eta 0° - 90°	99.5%	Imax 70°	736.3
Eta 90° - 180°	0.5%	Imax 80°	138.8
		Imax 90°	1.6
		Imax >90°	1.5
		Imax >95°	1.3
Measurement conditions			
DIN EN 13032 and DIN 5032			

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
Envelope curve in cd/klm		KMK 70° KMK 67.5° KMK 65° KMK 62.5°

siteco



Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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°	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1
2,5°	232.5	232.7	233.0	233.4	233.8	234.2	234.5	234.5	234.6	234.7	234.8	234.7	234.8	234.9	235.0
5,0°	234.2	234.9	235.2	235.3	235.4	235.5	235.3	234.7	233.8	232.8	231.9	231.2	230.8	230.7	230.9
7,5°	237.0	237.7	237.8	237.5	236.7	235.3	234.1	233.4	233.3	233.7	234.1	234.5	234.8	235.1	235.5
10,0°	240.0	240.7	240.1	238.6	237.0	236.3	236.6	237.3	238.0	238.6	239.3	239.9	240.4	240.8	241.2
12,5°	243.2	243.0	241.3	239.7	239.5	240.1	241.1	242.0	242.9	243.6	244.4	245.0	245.5	245.9	246.2
15,0°	245.6	244.6	242.9	242.7	243.3	244.1	245.1	246.1	246.9	247.5	248.0	248.5	249.0	249.8	250.6
17,5°	246.8	245.5	245.3	246.0	246.9	247.8	248.8	249.9	250.8	251.4	252.1	253.1	254.2	255.7	257.3
20,0°	247.1	246.4	247.1	248.1	249.0	250.2	251.6	253.0	254.5	256.0	257.6	259.5	261.6	263.6	265.3
22,5°	247.4	247.7	248.9	250.0	251.1	252.7	254.6	256.9	259.3	262.0	264.5	267.0	269.4	271.5	273.2
25,0°	248.8	249.9	251.5	253.1	255.1	257.4	260.2	263.1	266.1	269.2	272.1	274.7	277.0	279.3	280.7
27,5°	252.5	254.2	256.4	258.8	261.8	265.1	268.6	272.0	275.5	278.9	281.8	284.4	286.5	288.1	288.3
30,0°	256.6	259.4	262.1	265.3	269.0	273.0	277.0	281.0	285.0	288.7	292.1	294.9	296.7	296.7	295.9
32,5°	263.1	265.4	268.4	272.1	276.4	280.6	284.8	289.1	293.8	298.6	303.0	306.7	308.1	306.9	305.0
35,0°	270.2	273.3	276.5	280.1	284.1	287.8	292.1	296.9	302.1	307.9	314.3	319.4	320.6	319.0	316.3
37,5°	279.4	282.6	286.1	289.3	292.5	295.9	300.6	305.2	310.2	316.5	324.3	330.4	331.9	330.4	326.7
40,0°	288.8	292.7	296.2	299.5	302.3	305.5	309.5	313.6	319.0	325.9	334.3	340.4	341.7	339.6	335.4
42,5°	296.4	299.8	303.5	306.9	310.5	314.5	319.1	323.8	329.6	336.3	344.3	348.3	348.2	346.2	341.6
45,0°	300.8	304.4	307.2	309.6	313.2	317.7	324.1	331.0	339.2	347.5	354.1	355.9	354.8	351.4	346.1
47,5°	305.9	308.1	309.7	312.3	315.5	318.7	325.6	335.2	346.7	357.1	362.6	363.0	360.9	355.8	349.7
50,0°	311.7	313.9	314.9	316.2	318.0	320.9	327.3	338.0	352.0	364.2	370.8	371.3	367.1	360.5	358.2
52,5°	317.2	320.0	321.9	323.1	324.0	326.5	332.7	342.8	355.9	370.2	378.9	380.5	374.5	369.9	374.0
55,0°	321.9	327.4	330.5	332.5	334.9	338.4	344.7	353.4	364.1	378.0	389.2	392.1	388.7	392.0	404.0
57,5°	327.5	334.8	340.8	345.4	351.3	357.9	365.6	374.3	383.9	395.2	409.6	421.2	420.0	430.0	442.0
60,0°	327.7	339.1	349.8	359.2	371.3	384.6	398.7	411.2	419.8	428.4	448.1	465.1	468.6	476.5	478.7
62,5°	321.5	337.7	354.1	371.0	393.6	419.5	446.6	469.0	481.7	497.0	518.5	532.4	535.0	529.3	515.9
65,0°	312.3	332.5	356.1	383.7	418.3	457.3	499.9	536.4	560.1	582.9	603.7	614.6	608.8	588.3	545.8
67,5°	294.4	322.0	354.4	394.6	444.7	500.7	558.6	606.2	636.9	667.8	693.9	697.8	661.4	574.1	472.7
70,0°	275.5	309.4	353.3	408.4	470.4	535.7	597.0	647.8	686.5	725.5	736.3	673.1	564.5	439.1	328.0
72,5°	262.1	306.8	362.2	425.4	488.9	541.5	583.3	622.0	662.2	668.4	600.9	489.1	361.9	238.6	153.5
75,0°	291.0	344.6	399.8	442.8	467.6	476.5	479.6	498.3	501.9	453.3	370.9	260.7	169.6	101.5	64.3
77,5°	259.5	305.3	326.4	326.8	314.9	309.1	316.5	321.3	292.8	239.3	173.5	109.8	66.1	40.2	26.5
80,0°	135.0	126.5	112.0	96.5	90.7	104.2	131.3	138.8	126.7	98.1	60.1	29.2	18.5	15.3	13.2
82,5°	40.4	33.5	26.2	20.1	15.4	16.8	28.7	41.0	40.1	27.4	17.5	10.7	7.4	6.7	6.3
85,0°	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2
87,5°	0.9	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0
90,0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
92,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
95,0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
97,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
100,0°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
102,5°	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
105,0°	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7
107,5°	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7
110,0°	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
112,5°	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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°	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1
2,5°	235.0	234.8	234.6	234.2	234.0	233.6	233.1	233.2	233.1	232.8	232.6	232.4	232.3	232.1	231.9
5,0°	231.1	231.4	231.6	231.8	231.9	232.2	232.4	232.8	233.0	233.2	233.4	233.6	233.7	233.8	234.0
7,5°	235.9	236.4	236.7	237.0	237.2	237.6	237.9	238.3	238.4	238.8	238.9	239.1	239.3	239.4	239.5
10,0°	241.6	242.0	242.3	242.6	242.8	243.2	243.6	244.0	244.2	244.5	244.6	244.7	244.8	244.9	245.1
12,5°	246.6	247.1	247.6	248.1	248.5	249.0	249.4	249.9	250.3	250.7	251.0	251.4	251.7	252.1	252.4
15,0°	251.4	252.4	253.6	254.6	255.4	256.2	257.1	257.8	258.6	259.2	259.5	259.7	259.9	260.0	260.1
17,5°	258.8	260.1	261.3	262.5	263.7	264.6	265.3	265.7	266.1	266.3	266.3	266.0	265.9	265.8	265.7
20,0°	266.7	267.9	269.0	270.0	270.7	271.0	271.1	271.0	271.0	271.0	271.0	270.9	270.8	270.6	270.4
22,5°	274.5	275.3	275.6	275.6	275.7	275.7	275.5	275.3	275.2	275.2	275.3	275.3	275.3	275.1	275.0
25,0°	281.2	281.1	280.9	280.6	280.5	280.1	279.9	279.9	280.1	280.3	280.7	280.9	281.2	281.3	281.4
27,5°	288.1	287.3	286.5	285.9	285.7	285.9	286.2	286.7	287.3	287.8	288.2	288.3	288.3	288.0	287.6
30,0°	294.6	293.4	292.6	292.6	292.9	293.4	293.9	294.2	294.2	294.0	293.8	293.1	292.6	291.7	290.8
32,5°	302.9	301.5	301.0	300.9	301.4	301.2	300.6	299.9	299.2	298.2	297.1	295.7	294.4	293.1	292.4
35,0°	313.1	310.9	309.9	309.2	308.2	307.0	305.5	304.1	302.5	301.4	300.4	300.1	300.9	302.7	304.9
37,5°	322.6	319.5	317.5	315.6	313.3	310.6	308.3	306.9	307.4	310.3	314.4	318.4	321.5	324.1	326.2
40,0°	330.8	326.9	323.3	319.5	316.3	314.3	315.4	319.6	326.7	333.3	338.2	341.8	343.4	343.1	341.0
42,5°	336.3	331.5	326.8	323.9	325.0	330.8	338.5	346.1	352.1	355.7	355.6	352.3	347.4	341.2	335.3
45,0°	339.9	335.4	335.4	341.1	350.0	358.9	365.3	368.1	366.1	360.1	352.2	343.7	336.1	329.3	323.8
47,5°	346.8	349.0	357.5	368.1	376.2	380.4	378.0	370.2	360.5	350.4	341.6	334.0	327.6	322.3	317.2
50,0°	361.7	372.0	385.4	393.6	393.4	386.0	373.9	360.1	348.5	339.1	330.8	323.0	316.4	310.0	304.0
52,5°	387.0	400.8	408.7	404.1	391.3	375.2	359.8	346.9	335.9	326.7	319.5	312.6	304.8	295.2	284.7
55,0°	418.9	425.5	419.1	398.5	377.1	359.8	349.2	343.2	336.1	321.1	300.6	279.9	259.8	240.6	224.0
57,5°	448.5	439.0	416.7	392.5	380.4	371.4	351.4	320.8	291.1	262.0	235.0	208.8	185.5	164.5	146.1
60,0°	467.1	448.8	429.7	404.2	367.0	328.2	290.7	253.2	218.6	184.7	154.6	125.7	102.0	86.0	75.8
62,5°	498.4	459.5	399.7	343.1	292.6	247.8	204.7	161.1	124.9	96.5	76.2	59.2	50.1	47.1	46.3
65,0°	469.9	389.0	314.9	253.6	197.1	148.1	110.8	83.1	60.5	47.1	42.5	39.0	38.0	37.7	38.2
67,5°	367.0	279.5	201.4	141.0	102.0	73.8	52.9	41.6	37.3	35.3	34.1	32.3	31.9	31.9	32.1
70,0°	220.9	148.5	100.3	69.4	51.6	40.1	33.8	31.5	30.1	29.0	27.9	26.8	26.6	26.3	26.4
72,5°	97.0	70.0	54.7	39.8	31.0	27.4	26.1	24.9	24.1	23.2	22.5	21.8	21.5	21.4	21.2
75,0°	46.3	37.0	29.8	24.6	22.2	20.8	19.9	19.2	18.5	18.0	17.6	17.3	17.1	16.9	16.8
77,5°	20.6	18.2	17.5	16.7	15.8	15.6	14.3	13.7	13.1	12.9	12.9	13.0	13.0	13.0	12.9
80,0°	11.8	10.7	10.6	10.2	10.0	11.3	10.5	9.1	8.7	8.6	8.8	8.9	8.9	8.8	8.7
82,5°	6.0	5.6	5.4	5.4	5.6	6.1	5.6	5.2	5.1	5.4	5.4	5.4	5.3	5.3	5.0
85,0°	2.2	2.2	2.2	2.2	2.2	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7
87,5°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.6	1.7
90,0°	0.8	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5
92,5°	0.8	0.8	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3
95,0°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
97,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0
100,0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
102,5°	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
105,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
107,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
110,0°	0.7	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
112,5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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°	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1
2,5°	231.8	231.9	231.8	231.9	231.9	231.9	231.9	232.1	231.7	231.1	230.4	229.9	229.5	229.2	228.8
5,0°	234.2	234.3	234.5	234.5	234.7	234.7	234.7	233.5	232.3	231.0	229.8	228.8	228.2	227.7	227.0
7,5°	239.8	240.0	240.2	240.4	240.4	240.5	240.5	235.7	234.3	232.4	230.9	229.6	228.5	227.6	226.7
10,0°	245.3	245.6	245.8	245.9	246.1	246.1	246.2	238.9	236.7	234.5	232.5	230.9	229.6	228.3	226.9
12,5°	252.8	253.1	253.5	253.8	254.0	254.1	254.2	241.7	239.8	237.2	234.7	232.7	230.9	229.1	227.4
15,0°	260.3	260.4	260.6	260.7	260.8	260.8	260.8	244.7	242.7	240.0	237.1	234.6	232.2	230.0	227.9
17,5°	265.7	265.8	265.8	265.9	265.9	265.9	265.9	247.1	245.2	242.4	239.3	236.4	233.6	230.9	228.6
20,0°	270.4	270.4	270.4	270.4	270.4	270.5	270.5	248.1	246.8	244.2	241.4	238.4	235.5	232.7	230.0
22,5°	275.0	275.1	275.1	275.4	275.4	275.4	275.4	248.8	248.9	247.0	244.1	241.4	238.3	235.5	232.7
25,0°	281.4	281.4	281.4	281.5	281.5	281.4	281.3	249.7	250.6	249.3	246.8	244.2	241.5	238.5	235.7
27,5°	287.1	286.7	286.2	285.9	285.6	285.5	285.5	251.7	252.7	252.2	250.0	247.4	244.7	242.1	239.5
30,0°	289.8	288.8	288.1	287.5	287.3	287.2	287.2	255.2	255.6	255.4	253.6	251.1	248.4	245.8	243.2
32,5°	292.1	292.3	293.0	293.8	294.5	294.8	295.1	260.3	259.7	259.8	257.9	255.4	252.8	250.4	247.6
35,0°	307.2	309.0	310.1	310.4	310.6	310.7	310.9	267.5	265.9	265.5	263.2	260.3	257.5	254.6	251.5
37,5°	328.0	329.0	328.6	327.4	326.3	325.5	325.4	275.5	273.0	271.7	269.4	266.2	262.7	259.2	255.0
40,0°	338.7	336.2	332.5	328.0	325.4	323.9	323.5	285.4	281.2	278.9	275.9	272.1	268.1	263.6	257.8
42,5°	330.5	326.7	321.5	317.2	314.4	312.7	312.0	290.9	286.3	283.0	279.4	275.4	271.2	265.9	258.2
45,0°	319.6	315.9	311.0	307.6	305.2	303.5	303.0	296.3	290.3	285.3	280.7	276.1	271.2	264.7	253.7
47,5°	312.8	307.9	303.5	299.8	297.2	295.5	295.1	301.0	295.2	288.8	282.6	276.7	270.4	260.7	245.1
50,0°	298.3	292.8	288.3	283.9	280.8	279.1	278.4	307.6	300.8	293.2	285.4	278.4	269.4	254.7	232.4
52,5°	274.6	264.1	255.2	247.6	242.3	239.3	238.1	312.0	304.9	296.9	287.7	279.0	265.8	245.9	217.1
55,0°	209.5	196.3	185.9	176.9	171.0	167.4	166.2	315.3	306.4	296.8	287.0	276.2	258.5	231.2	198.6
57,5°	130.4	115.8	106.0	98.9	94.7	92.1	91.4	316.9	305.9	294.4	282.7	268.8	245.1	212.6	179.5
60,0°	68.4	62.4	58.3	55.6	53.8	52.6	52.4	313.4	299.9	287.3	274.0	254.8	225.7	192.0	158.2
62,5°	45.3	43.6	42.8	42.2	41.2	40.7	40.6	304.7	288.4	273.2	258.0	235.3	203.9	169.8	135.4
65,0°	38.8	37.8	36.9	36.2	35.8	35.5	35.4	289.7	272.0	255.6	237.6	210.6	178.9	144.8	112.3
67,5°	32.4	32.1	31.3	30.6	30.2	29.9	29.8	270.6	249.9	232.9	211.1	184.0	153.1	121.3	92.0
70,0°	26.6	26.3	25.8	25.4	25.1	24.9	24.9	245.5	224.6	208.4	183.4	158.1	128.3	99.9	76.2
72,5°	21.3	21.2	20.7	20.5	20.2	20.0	20.0	227.4	201.8	185.2	161.4	136.1	109.1	83.8	62.7
75,0°	16.8	16.7	16.3	16.2	15.9	15.9	15.8	242.4	209.8	172.1	136.8	117.3	93.8	70.4	50.7
77,5°	12.7	12.4	12.1	11.9	11.7	11.5	11.5	217.6	154.1	81.2	49.8	45.9	40.2	35.6	37.0
80,0°	8.5	8.2	8.0	7.8	7.7	7.7	7.6	110.4	55.4	18.3	13.8	15.6	16.0	21.7	27.8
82,5°	4.9	4.9	4.9	4.8	4.8	4.8	4.7	37.9	16.8	7.1	7.8	7.9	8.3	14.8	17.7
85,0°	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.4
87,5°	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
90,0°	1.5	1.5	1.5	1.6	1.6	1.6	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
92,5°	1.3	1.4	1.4	1.4	1.5	1.5	1.5	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
95,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
97,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
100,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9
102,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9
105,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
107,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
110,0°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
112,5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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°	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1
2,5°	228.5	228.0	227.7	227.5	227.4	227.1	226.9	226.6	226.5	226.4	226.3	226.1	226.0	225.7	225.7
5,0°	226.3	225.6	225.1	224.7	224.2	223.7	223.1	222.5	222.0	221.8	221.4	221.0	220.7	220.3	220.0
7,5°	225.7	224.6	223.7	222.9	222.2	221.4	220.6	219.8	219.1	218.6	218.1	217.4	216.9	216.2	215.7
10,0°	225.5	224.2	223.1	222.0	221.0	220.0	218.9	217.9	217.0	216.3	215.5	214.8	214.2	213.5	212.9
12,5°	225.7	224.2	222.8	221.6	220.3	219.1	217.9	216.8	215.7	214.7	213.8	212.9	211.9	211.1	210.3
15,0°	226.0	224.1	222.6	221.2	219.7	218.4	217.1	215.8	214.6	213.2	212.0	210.8	209.7	208.6	207.8
17,5°	226.4	224.4	222.7	221.0	219.4	217.8	216.2	214.7	213.0	211.5	210.1	208.9	207.7	206.5	205.3
20,0°	227.7	225.6	223.6	221.8	219.8	217.9	215.8	214.1	212.5	210.8	209.1	207.2	205.3	203.4	201.3
22,5°	230.2	227.9	225.6	223.3	220.8	218.4	216.3	214.2	211.6	208.9	206.0	202.7	198.5	193.5	187.8
25,0°	233.3	230.8	228.1	225.4	222.4	219.6	216.2	212.7	208.6	203.5	197.2	189.6	181.5	173.5	166.9
27,5°	236.7	234.1	231.0	227.6	223.9	219.6	214.2	208.2	200.0	189.7	178.9	169.1	162.5	157.8	153.3
30,0°	240.5	237.3	233.3	228.9	223.4	216.7	208.4	197.0	183.3	170.5	162.1	156.3	150.2	144.2	138.8
32,5°	244.5	240.5	235.1	228.4	220.0	209.8	194.9	178.6	165.3	157.4	149.7	142.2	135.8	130.7	126.3
35,0°	247.6	241.9	233.8	224.1	211.4	194.0	174.4	161.1	152.1	142.9	135.0	129.2	124.2	116.9	112.3
37,5°	249.4	241.0	229.8	216.0	196.2	173.9	157.9	147.7	137.4	129.8	125.2	118.6	112.7	108.8	104.7
40,0°	249.2	237.0	221.4	201.6	175.5	155.3	142.9	132.2	125.7	121.7	115.1	110.0	105.2	97.1	91.9
42,5°	246.2	229.1	209.1	182.0	155.1	140.2	128.0	122.6	119.7	113.7	108.1	100.7	95.2	89.3	82.1
45,0°	237.0	215.8	190.4	158.1	136.8	123.8	119.0	117.9	112.9	106.8	100.8	93.2	85.8	79.5	73.5
47,5°	223.3	199.0	166.9	135.7	118.4	112.6	114.3	113.2	107.5	101.4	94.2	85.9	78.6	71.7	65.4
50,0°	205.8	177.7	139.7	113.5	102.9	105.0	109.9	106.2	101.0	94.1	86.6	77.2	70.2	63.2	56.9
52,5°	187.6	155.4	117.8	96.6	92.7	100.7	100.2	96.2	90.8	84.7	77.5	69.2	62.4	55.9	50.4
55,0°	167.9	133.9	101.3	86.6	89.0	94.0	89.0	84.1	78.7	73.3	67.7	61.6	56.2	50.9	45.9
57,5°	147.4	114.9	90.9	82.5	86.9	85.1	78.5	72.5	67.6	63.4	60.0	55.7	52.0	47.7	43.0
60,0°	125.1	96.8	82.9	81.0	83.7	77.4	69.8	63.6	59.1	56.1	54.2	51.9	49.1	45.1	40.9
62,5°	103.6	84.1	78.5	80.6	78.6	70.7	62.4	56.3	53.0	51.9	50.5	47.6	45.2	42.0	38.8
65,0°	85.2	75.1	75.0	78.5	73.6	64.2	55.4	50.3	47.9	46.1	43.9	41.9	40.2	38.0	36.0
67,5°	71.4	65.9	69.0	72.2	66.1	56.8	48.0	43.0	40.0	38.8	38.1	36.8	35.5	33.3	31.5
70,0°	61.3	58.5	62.0	62.9	57.1	49.1	41.0	36.0	34.1	33.5	32.9	32.0	30.7	28.5	26.5
72,5°	50.6	48.5	50.1	49.1	45.2	40.1	34.4	30.6	29.2	28.5	27.7	26.9	25.7	23.5	21.4
75,0°	39.8	36.0	35.8	34.8	32.8	30.3	27.9	25.6	23.9	23.1	22.5	21.7	20.7	18.8	16.9
77,5°	30.9	26.7	25.1	24.2	22.6	21.2	20.6	20.0	19.2	18.6	17.9	16.5	15.5	14.1	12.7
80,0°	24.5	20.1	17.8	16.4	14.5	13.7	13.5	13.2	12.7	11.9	11.1	10.6	10.3	9.6	8.8
82,5°	14.8	11.1	8.6	7.6	7.5	7.5	7.3	6.8	6.5	6.4	6.2	6.2	6.1	6.1	5.6
85,0°	2.4	2.4	2.5	2.6	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.6	2.5	2.4	2.4
87,5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.8	0.8
90,0°	0.8	0.8	0.9	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6
92,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6
95,0°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6
97,5°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
100,0°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
102,5°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
105,0°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
107,5°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
110,0°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
112,5°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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°	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	233.1	0.3	0.3
2,5°	225.6	225.6	225.6	225.6	225.5	225.5	225.4	225.3	225.2	225.3	225.2	225.3	225.3	2.8	3.1
5,0°	219.8	219.5	219.4	219.3	219.1	219.0	218.8	218.7	218.6	218.6	218.6	218.6	218.6	5.5	8.6
7,5°	215.4	215.0	214.7	214.4	214.2	214.0	213.8	213.7	213.6	213.6	213.6	213.6	213.5	8.2	16.7
10,0°	212.4	211.9	211.4	211.0	210.6	210.3	210.1	209.9	209.8	209.7	209.6	209.6	209.6	11.0	27.7
12,5°	209.6	208.9	208.1	207.6	207.0	206.5	206.1	205.8	205.7	205.4	205.3	205.2	205.2	13.8	41.5
15,0°	206.8	206.0	205.2	204.4	203.7	203.0	202.6	202.3	201.9	201.6	201.5	201.3	201.2	16.7	58.2
17,5°	204.1	202.9	201.7	200.6	199.4	198.4	197.3	196.5	195.5	194.6	194.1	193.7	193.5	19.5	77.7
20,0°	198.6	195.9	192.9	189.6	186.6	183.5	180.9	178.6	176.7	175.1	174.0	173.3	173.0	22.2	99.9
22,5°	181.9	176.4	171.4	167.1	163.5	161.1	159.2	157.7	156.7	155.7	154.9	154.5	154.3	24.7	124.6
25,0°	162.2	158.7	155.5	152.6	149.8	147.2	145.1	143.0	141.5	140.2	139.3	138.7	138.5	27.2	151.8
27,5°	148.4	144.3	140.2	136.5	133.6	131.1	128.8	126.4	124.1	122.2	120.8	119.9	119.6	29.6	181.5
30,0°	134.0	130.2	126.1	121.2	117.0	113.8	111.6	109.9	108.3	106.9	105.6	104.8	104.5	32.0	213.5
32,5°	119.9	114.9	111.3	108.4	105.5	102.5	99.9	97.8	96.0	94.4	93.2	92.2	91.8	34.4	247.8
35,0°	109.0	105.3	101.7	98.4	95.2	90.1	85.5	82.2	79.8	77.7	76.1	74.9	74.6	36.8	284.6
37,5°	100.0	92.3	87.0	83.7	80.7	77.6	74.7	71.7	68.3	65.7	63.3	61.9	61.4	39.4	324.0
40,0°	87.2	83.3	76.4	70.9	67.4	64.3	61.4	58.6	56.3	54.6	53.2	52.2	51.9	41.9	365.9
42,5°	76.8	72.1	67.1	60.9	55.7	52.6	49.9	47.5	45.7	44.4	43.5	42.8	42.6	43.9	409.8
45,0°	66.6	61.4	55.7	51.0	45.3	41.7	39.2	36.8	35.1	34.0	33.3	32.9	32.8	45.5	455.3
47,5°	58.2	52.1	46.5	41.6	36.3	32.5	29.7	27.4	25.6	24.6	24.0	23.7	23.6	46.9	502.2
50,0°	50.5	44.7	39.0	33.6	28.0	24.2	21.0	18.4	16.4	15.1	14.5	14.0	13.9	47.9	550.1
52,5°	44.5	38.9	33.2	27.0	21.6	17.0	13.1	10.1	7.2	5.3	4.9	4.8	4.7	48.3	598.4
55,0°	40.2	34.6	28.4	21.9	16.3	11.5	7.4	4.5	2.3	1.1	0.8	0.8	0.8	47.6	645.9
57,5°	37.4	32.1	25.4	19.3	14.1	9.6	5.9	3.3	1.4	0.4	0.4	0.3	0.3	46.2	692.2
60,0°	36.6	31.2	23.7	17.8	13.0	8.8	5.4	3.0	1.3	0.4	0.3	0.3	0.3	44.9	737.1
62,5°	36.6	29.7	22.3	16.5	12.0	8.2	4.9	2.7	1.2	0.3	0.3	0.3	0.2	44.1	781.2
65,0°	33.5	26.7	19.9	14.8	10.8	7.3	4.4	2.5	1.1	0.3	0.3	0.2	0.2	43.4	824.6
67,5°	29.2	23.5	18.1	13.3	9.7	6.4	4.0	2.2	1.0	0.3	0.3	0.2	0.2	42.0	866.6
70,0°	24.4	20.1	15.9	11.6	8.3	5.5	3.4	1.8	0.8	0.3	0.2	0.2	0.2	38.9	905.5
72,5°	19.6	16.8	13.6	10.1	7.1	4.6	2.9	1.5	0.7	0.3	0.2	0.2	0.2	33.4	938.9
75,0°	15.2	13.4	11.1	8.3	5.8	3.7	2.3	1.2	0.6	0.2	0.2	0.2	0.2	27.0	965.9
77,5°	11.5	10.4	8.9	6.8	4.7	3.0	1.7	1.0	0.5	0.2	0.2	0.2	0.2	17.6	983.6
80,0°	8.0	7.4	6.5	5.0	3.5	2.2	1.3	0.7	0.4	0.2	0.2	0.2	0.2	7.6	991.1
82,5°	5.1	4.5	3.9	3.2	2.3	1.5	0.9	0.6	0.3	0.3	0.2	0.2	0.2	2.7	993.8
85,0°	2.5	2.4	2.1	1.8	1.4	0.9	0.6	0.4	0.3	0.2	0.3	0.2	0.2	0.6	994.4
87,5°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.3	994.7
90,0°	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	994.9
92,5°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	995.2
95,0°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	995.4
97,5°	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	995.6
100,0°	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	995.8
102,5°	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	996.0
105,0°	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.2	996.2
107,5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.2	996.4
110,0°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.2	996.6
112,5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.2	996.8

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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														
115,0°	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
117,5°	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
120,0°	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
122,5°	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
125,0°	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
127,5°	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
130,0°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
132,5°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7
135,0°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
137,5°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
140,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
142,5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
145,0°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
147,5°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
150,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
152,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
157,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.1
160,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
167,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.2
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
175,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.3	1.2	1.2
177,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
180,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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														
115,0°	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4
117,5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.3
120,0°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
122,5°	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3
125,0°	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
127,5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
130,0°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4
132,5°	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4
135,0°	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4
137,5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
140,0°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
142,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145,0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
147,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8
150,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9
155,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
157,5°	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0
160,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
167,5°	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.1
170,0°	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2
172,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
175,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
177,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.3	1.2	1.2	1.2
180,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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														
115,0°	0.4	0.3	0.3	0.3	0.3	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
117,5°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
120,0°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
122,5°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
125,0°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
127,5°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
130,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
132,5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
135,0°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
137,5°	0.6	0.4	0.4	0.4	0.4	0.4	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
140,0°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
142,5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
150,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
152,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
155,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
157,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
160,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.2
165,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
167,5°	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
175,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
177,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
180,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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														
115,0°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
117,5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
120,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
122,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
125,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8
127,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
130,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
132,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
135,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
137,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0
140,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
145,0°	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
147,5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
155,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2
157,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
160,0°	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
162,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
165,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
167,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
175,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
177,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
180,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
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	
115,0°	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	996.9
117,5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.2	997.1
120,0°	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.2	997.3
122,5°	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.2	997.4
125,0°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.2	997.6
127,5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.2	997.8
130,0°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.2	997.9
132,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.2	998.1
135,0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.2	998.2
137,5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.1	998.4
140,0°	1.0	0.9	1.0	0.9	0.9	0.9	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.1	998.5
142,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	998.7
145,0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.0	1.1	1.1	0.1	998.8
147,5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	999.0
150,0°	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.1	0.1	999.1
152,5°	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.2
155,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.4
157,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.5
160,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.6
162,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.7
165,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.8
167,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.8
170,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.1	999.9
172,5°	1.2	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.2	1.3	0.0	1000.0
175,0°	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	1000.0
177,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	1000.0
180,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	1000.0

office	industry	traffic	retail	public	sports
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Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
Dimming levels table environmental temperature: 25°C		siteco

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	1320	10.3	10.6	10.4
95	240	252	1254	9.8	10.0	9.9
90	226	250	1188	9.2	9.5	9.4
85	212	247	1122	8.7	8.9	8.8
80	198	245	1054	8.1	8.4	8.2
75	185	242	990	7.7	7.8	7.8
70	171	240	922	7.1	7.3	7.2
65	158	237	856	6.7	6.9	6.8
60	145	233	791	6.2	6.4	6.3
55	132	230	724	5.8	5.9	5.8
50	120	227	662	5.3	5.5	5.4
45	107	222	594	4.9	5.0	5.0
40	94	218	526	4.4	4.6	4.5
35	82	213	462	4.1	4.2	4.2
31	73	208	414	3.8	3.9	3.8

Dimming levels table						
environmental temperature: 5°C						
Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption	Power consumption	Power consumption
				[W] start of lifetime	[W] end of lifetime	[W] average
100	254	254	1340	10.4	10.7	10.6
95	240	252	1273	9.9	10.2	10.0
90	226	250	1206	9.4	9.6	9.5
85	212	247	1138	8.8	9.1	9.0
80	199	245	1073	8.3	8.5	8.4
75	185	242	1004	7.8	7.9	7.8
70	172	240	938	7.3	7.5	7.4
65	159	237	872	6.8	7.0	6.9
60	146	234	806	6.4	6.5	6.4
55	133	230	739	5.9	6.0	6.0
50	120	227	671	5.4	5.6	5.5
45	107	222	602	5.0	5.1	5.0
40	95	218	538	4.6	4.7	4.6
35	82	213	467	4.2	4.2	4.2
31	73	208	418	3.9	3.9	3.9

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
Dimming levels table environmental temperature: 15°C		

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	1330	10.3	10.7	10.5
95	240	252	1264	9.9	10.1	10.0
90	226	250	1197	9.3	9.5	9.4
85	212	247	1129	8.7	9.0	8.8
80	199	245	1066	8.3	8.4	8.4
75	185	242	997	7.7	7.9	7.8
70	172	240	933	7.2	7.4	7.3
65	158	237	862	6.7	6.9	6.8
60	145	233	795	6.3	6.4	6.4
55	133	230	734	5.8	6.0	5.9
50	120	227	667	5.4	5.5	5.4
45	107	222	598	5.0	5.0	5.0
40	95	218	535	4.5	4.6	4.6
35	82	213	465	4.1	4.2	4.2
31	73	208	416	3.8	3.9	3.8

Photometric test report

Family Streetlight 31 micro toolless	Order number: 5XH5D31B08CA + 5XEBLC10A EAN: 4069025103055 + 4058352478936	LP number 59830_2
Luminousfluxs table		siteco

Temperature °C	Luminous flux lm	Power consumption W
25.0	1320.0	10.3
5.0	1340.0	10.4
15.0	1330.0	10.3