


Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
	Version post-top or side-entry mounting Optic asymmetric, wide distribution (ST0.5a) Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 2980 lm Power consumption = 19.4 W Luminous efficacy = 153.6 lm/W	serial documentation 16.05.2023



Luminous intensity in cd/klm C180-0 C205-25 C207,5-27,5 C270-90 **Imax: 661 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:	G3
Imax 70°	629.6
Imax 80°	99.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

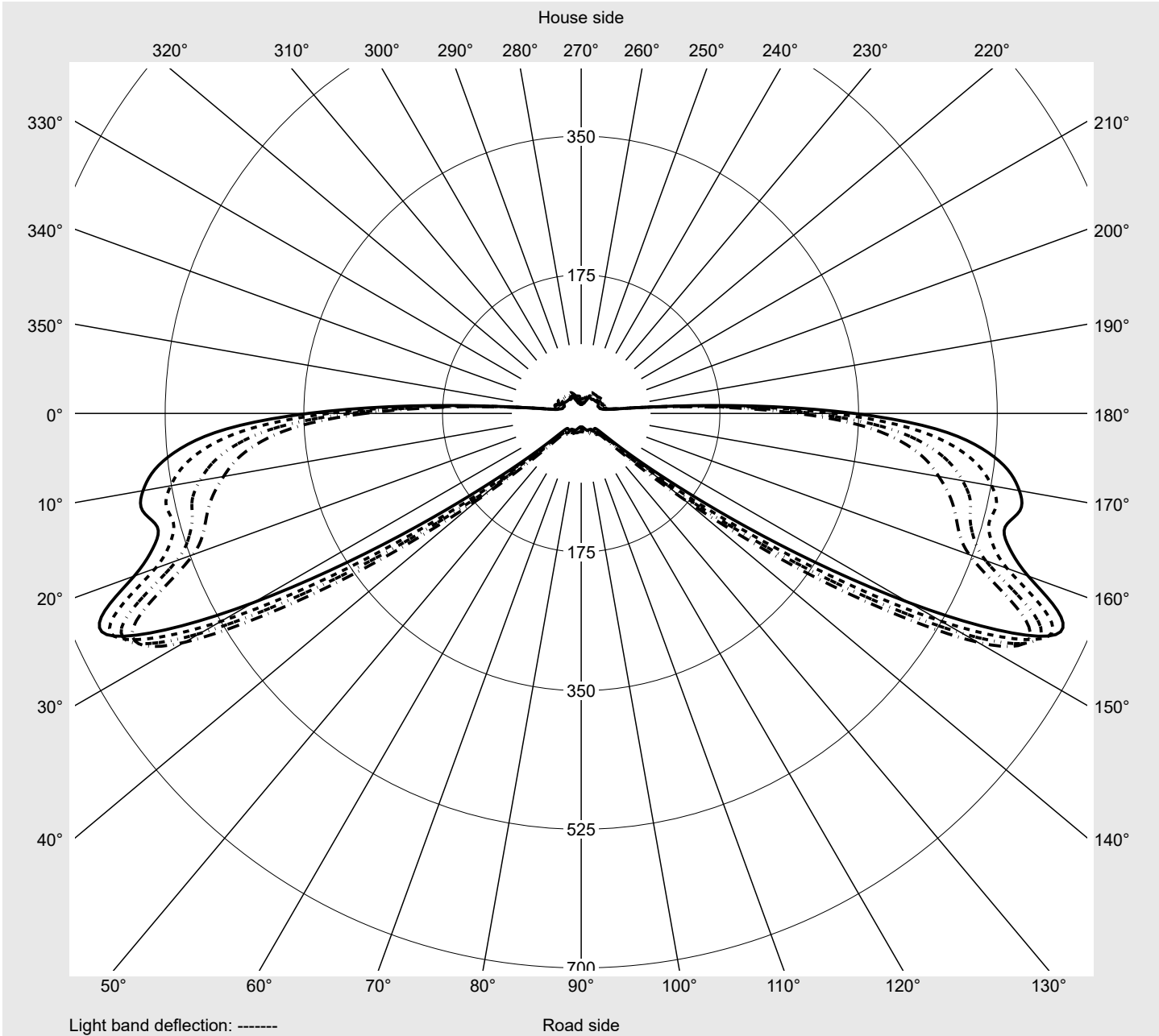
Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm **KMK 73°** **KMK 72°** **KMK 71°** **KMK 70°** **siteco**



Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
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°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	308.1	308.8	309.3	310.1	310.8	311.3	311.8	312.4	312.9	313.4	313.7	314.3	314.7	315.1	316.0
5,0°	317.7	319.6	321.6	323.5	325.2	326.6	327.6	328.5	329.3	330.1	331.0	332.4	333.0	333.5	333.7
7,5°	334.5	338.4	342.1	345.1	347.7	349.5	351.2	352.4	353.7	354.6	355.3	355.6	355.6	355.3	354.8
10,0°	351.3	358.1	364.1	369.2	373.3	376.6	379.4	381.6	383.3	384.1	384.6	384.4	383.1	381.3	378.6
12,5°	365.0	374.7	383.1	390.4	396.3	402.2	406.9	411.9	413.7	416.2	416.9	416.3	414.2	410.6	405.9
15,0°	374.3	385.3	394.7	402.2	409.1	415.6	422.0	428.1	430.4	433.1	434.2	433.6	431.6	428.4	425.3
17,5°	366.6	377.4	386.3	393.5	400.0	406.2	412.2	417.2	419.8	421.5	421.3	419.8	417.1	413.9	411.0
20,0°	347.4	357.9	364.2	370.8	374.9	380.5	383.7	388.9	389.3	389.1	385.2	383.5	378.6	376.6	370.5
22,5°	337.6	345.7	350.7	355.3	358.9	362.7	365.0	367.5	364.6	359.8	353.3	347.3	340.8	334.2	327.2
25,0°	343.1	350.8	356.8	361.5	366.2	369.4	371.4	370.6	365.9	359.1	351.2	342.5	333.5	323.5	313.5
27,5°	364.4	373.1	379.9	385.6	390.9	395.0	395.9	392.9	387.3	380.2	372.3	364.0	355.5	347.0	337.5
30,0°	383.2	393.7	402.4	410.0	416.8	421.5	422.0	418.2	412.2	405.2	397.5	390.2	383.3	376.7	368.4
32,5°	389.7	403.3	414.6	425.2	434.7	440.7	441.1	437.1	431.2	424.4	417.4	411.8	406.8	402.3	396.2
35,0°	389.9	408.1	422.8	436.2	448.1	454.9	455.0	450.8	444.2	436.7	430.0	424.8	420.3	416.5	413.7
37,5°	389.4	413.4	432.2	449.5	463.9	471.1	469.9	463.8	455.5	446.4	438.5	432.1	426.8	423.8	424.8
40,0°	389.8	420.3	443.7	464.5	480.6	487.4	485.0	477.2	466.8	455.4	445.6	437.8	432.1	430.1	433.0
42,5°	388.6	425.8	453.7	477.2	494.3	500.9	497.4	487.3	474.9	461.5	450.1	442.0	437.8	438.7	442.0
45,0°	382.6	425.9	457.7	483.1	500.5	506.7	502.1	490.3	475.2	459.4	447.1	440.8	440.7	447.7	460.0
46,0°	378.5	424.2	457.4	483.2	500.5	506.5	501.5	489.1	472.7	455.5	442.7	437.9	441.5	453.3	469.4
47,0°	373.1	421.4	456.4	482.8	499.9	505.7	500.5	487.1	469.1	450.4	437.3	434.5	443.8	462.6	479.9
48,0°	367.7	418.5	455.1	481.8	498.7	504.2	498.6	484.5	465.0	444.9	431.9	432.0	447.1	470.0	486.0
49,0°	361.1	414.7	453.0	480.3	496.8	502.0	496.1	481.3	460.4	439.5	427.5	431.0	450.3	474.7	489.4
50,0°	354.0	410.0	450.3	478.1	494.6	499.5	493.4	477.9	455.7	434.5	424.4	431.2	452.1	475.8	489.4
51,0°	346.9	405.0	447.1	475.4	491.9	496.9	490.7	474.6	451.6	431.0	423.2	431.9	452.4	474.4	486.6
52,0°	338.9	399.3	443.0	472.0	488.9	494.4	488.3	471.8	448.7	429.4	423.9	432.9	450.9	469.4	480.7
53,0°	331.3	393.6	439.0	468.6	485.7	491.8	486.1	469.5	447.1	429.9	425.9	434.0	449.2	464.7	475.3
54,0°	323.8	387.7	434.4	464.5	481.9	488.6	483.7	467.9	447.1	432.0	428.6	435.2	447.5	460.6	472.2
55,0°	315.7	381.2	429.2	459.8	477.6	485.1	481.1	466.9	448.4	435.2	431.9	436.8	446.5	458.6	472.3
56,0°	308.5	375.6	424.4	455.3	473.4	481.6	479.1	466.8	450.7	439.1	435.5	438.7	447.2	459.9	475.6
57,0°	301.2	369.6	419.0	450.0	468.5	477.8	477.1	467.3	453.6	443.4	439.3	441.4	449.8	464.8	481.3
58,0°	294.2	363.8	413.9	445.0	463.8	474.3	475.7	468.1	456.6	447.8	443.5	445.5	455.3	472.8	489.0
59,0°	287.8	358.6	409.3	440.2	459.3	471.2	474.9	469.1	459.4	451.9	448.2	451.4	463.7	482.6	496.5
60,0°	281.2	352.9	404.1	434.7	454.0	467.9	474.1	470.1	462.0	455.9	453.5	459.6	476.1	496.8	505.2
61,0°	275.7	348.2	399.8	430.1	449.8	465.3	473.5	471.2	464.6	460.2	459.9	469.9	489.9	509.8	510.1
62,0°	270.9	343.8	395.4	425.6	445.9	463.0	473.1	472.3	467.5	465.0	467.7	481.9	504.6	522.3	512.5
63,0°	266.1	339.3	390.7	421.0	442.6	461.3	472.8	473.6	471.0	471.0	477.7	496.8	522.5	533.2	507.7
64,0°	262.4	336.0	386.9	417.2	439.9	460.0	472.6	475.0	475.0	478.4	490.0	513.9	539.4	539.5	498.2
65,0°	259.0	332.9	383.5	414.0	437.6	459.0	472.4	476.3	479.3	487.3	504.4	532.5	553.7	539.0	483.0
66,0°	256.6	330.6	380.9	411.6	436.4	458.8	472.5	477.9	484.3	498.3	522.3	552.6	564.1	531.2	460.2
67,0°	255.8	329.5	378.9	409.8	435.4	457.7	472.8	480.0	490.4	511.5	543.0	572.8	569.4	519.5	439.1
68,0°	256.9	330.8	380.0	411.0	436.2	457.8	474.1	483.3	497.7	526.9	566.8	593.5	572.4	504.8	412.3
69,0°	262.1	338.0	387.8	418.7	442.0	461.6	478.2	489.1	507.1	545.2	593.9	614.9	578.0	493.5	388.3
70,0°	273.1	354.5	405.0	437.4	458.2	475.8	488.7	500.0	521.1	567.1	619.4	629.6	577.9	474.0	361.2
71,0°	292.3	380.4	434.2	467.9	488.6	502.8	508.0	519.1	543.1	594.3	640.0	629.2	555.4	441.6	324.0
72,0°	318.8	414.0	471.3	505.8	526.0	536.5	532.9	543.9	571.9	624.9	655.4	616.0	525.2	404.9	284.4

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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°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	316.4	316.7	317.0	317.2	317.9	318.4	318.7	318.5	318.5	318.4	318.7	319.2	319.3	319.4	319.5
5,0°	334.2	333.8	334.5	334.3	334.7	334.4	334.7	334.6	334.1	333.8	333.7	333.1	333.2	332.9	333.0
7,5°	354.1	353.4	352.6	351.5	350.2	349.0	347.8	346.0	344.7	343.2	341.8	340.5	339.2	338.1	337.0
10,0°	376.0	372.5	369.3	365.0	361.2	357.0	352.8	349.2	345.8	342.6	339.7	337.3	335.1	333.0	331.2
12,5°	400.3	393.0	385.1	377.4	369.8	362.7	356.8	351.0	345.7	340.9	336.8	333.2	330.1	327.3	324.8
15,0°	422.3	415.9	407.6	397.9	387.0	376.0	363.8	354.9	346.8	339.9	334.1	328.9	324.4	320.5	317.1
17,5°	407.4	403.1	399.0	393.8	387.9	380.5	368.8	359.1	348.8	339.0	330.7	323.9	318.1	313.0	308.6
20,0°	370.3	364.8	363.7	360.0	358.5	356.2	353.8	350.7	345.5	337.7	328.6	319.8	312.7	307.0	302.0
22,5°	324.7	323.4	323.0	322.5	321.8	321.3	322.5	324.0	325.5	325.9	323.2	317.2	310.3	304.4	299.7
25,0°	305.4	299.2	294.2	291.7	291.4	293.2	296.0	298.2	301.8	306.7	311.3	312.8	311.0	307.2	303.7
27,5°	326.8	314.7	302.3	291.6	283.8	281.8	281.0	282.7	286.5	292.4	300.1	307.7	312.2	312.5	310.8
30,0°	358.5	347.3	334.9	320.1	303.0	290.1	280.6	277.6	279.6	284.8	292.6	302.7	312.5	317.9	318.4
32,5°	390.1	383.0	373.1	358.2	338.8	317.9	298.9	286.6	282.2	285.6	293.9	304.9	316.5	325.1	327.2
35,0°	412.8	410.5	403.1	389.5	370.8	350.0	328.9	311.1	300.6	300.7	308.4	318.5	328.0	335.2	336.5
37,5°	427.9	427.9	422.2	411.3	397.0	383.4	368.5	354.5	342.9	336.3	335.0	337.3	340.2	343.0	343.2
40,0°	436.3	435.4	431.9	430.4	432.0	428.5	419.2	404.4	384.6	363.9	348.8	341.9	339.9	340.5	341.6
42,5°	444.8	449.7	458.7	466.4	467.2	458.0	443.8	422.6	395.1	366.9	344.4	333.2	333.2	338.3	344.5
45,0°	471.7	478.6	481.0	478.9	471.1	456.3	436.7	412.4	386.5	362.1	342.3	332.2	333.6	340.1	345.4
46,0°	481.0	485.1	483.6	476.8	465.0	448.9	429.3	406.9	383.5	360.9	341.8	330.6	329.9	335.0	339.0
47,0°	488.2	488.4	481.5	469.7	455.5	440.6	422.2	401.8	380.0	358.3	338.8	325.5	322.2	325.4	327.7
48,0°	491.2	487.6	477.3	463.5	448.9	433.2	415.5	395.8	374.3	352.4	331.6	315.9	309.3	310.1	309.7
49,0°	491.2	484.0	471.7	457.6	443.2	426.9	408.4	387.8	365.0	342.1	319.7	302.0	292.3	290.6	287.7
50,0°	489.0	479.4	467.2	453.6	437.9	419.4	398.5	375.6	350.3	326.0	302.0	283.0	270.0	266.4	260.2
51,0°	485.7	476.5	465.0	451.1	433.6	410.2	385.4	358.9	331.0	304.9	280.3	259.6	244.7	238.2	231.8
52,0°	482.0	475.5	463.8	447.0	425.1	397.5	367.6	337.4	307.2	280.3	255.6	234.8	218.9	211.2	203.0
53,0°	479.7	476.0	463.1	442.4	415.1	380.2	344.6	311.1	279.6	252.5	228.2	207.9	191.7	182.3	171.4
54,0°	479.7	477.0	462.4	437.7	404.0	360.0	320.0	284.8	253.0	226.4	202.9	183.2	167.5	156.5	144.4
55,0°	482.0	478.2	458.5	424.8	380.3	334.6	292.3	256.3	224.8	199.1	176.9	158.5	143.4	132.2	120.7
56,0°	485.2	478.1	452.2	409.3	358.0	306.7	262.7	226.2	194.9	170.2	149.7	133.5	120.7	111.0	100.4
57,0°	488.5	475.9	439.7	388.7	331.1	279.3	234.3	198.3	167.4	144.5	126.3	113.0	100.6	89.9	79.7
58,0°	490.7	468.6	421.3	362.1	301.7	250.7	205.4	170.2	140.2	120.1	103.6	91.9	79.0	71.2	63.9
59,0°	491.3	459.3	402.7	339.0	277.5	222.8	178.0	143.6	116.0	97.5	83.3	73.4	65.0	59.6	55.0
60,0°	487.7	441.4	375.6	308.4	246.1	194.9	151.0	118.8	94.3	79.1	69.2	62.4	56.3	52.0	48.7
61,0°	479.5	421.8	350.5	281.6	219.5	167.3	125.1	96.3	76.4	65.2	58.8	54.5	50.1	46.7	44.1
62,0°	468.6	402.1	327.6	257.9	195.2	142.7	104.1	79.5	63.7	55.8	52.5	50.0	46.6	43.5	41.4
63,0°	448.5	374.0	296.7	225.8	163.9	119.3	86.3	65.8	53.8	49.6	48.7	47.1	44.1	41.2	39.2
64,0°	429.0	349.4	271.4	199.8	140.1	98.8	71.3	54.6	46.9	45.4	45.5	44.1	41.5	38.9	37.1
65,0°	402.8	321.3	240.0	172.2	116.0	81.9	59.2	47.3	42.7	42.3	42.5	41.0	38.8	36.7	35.0
66,0°	374.2	289.5	209.3	142.9	95.4	67.0	49.8	42.3	39.4	39.3	39.5	38.2	36.0	34.5	32.9
67,0°	348.9	262.5	182.0	120.9	79.2	54.9	43.5	39.0	36.7	36.5	36.6	35.3	33.4	31.9	30.7
68,0°	315.2	226.5	148.9	95.5	60.6	45.7	39.2	36.5	34.4	34.0	33.9	32.9	31.3	30.0	28.8
69,0°	286.1	195.6	124.1	76.6	49.3	39.1	35.9	34.3	32.0	31.4	31.7	30.8	29.0	27.9	26.9
70,0°	252.1	165.7	100.4	61.6	41.0	35.0	33.3	32.4	29.9	29.3	29.7	28.9	27.5	26.7	25.6
71,0°	217.4	134.7	78.5	47.2	34.4	31.5	30.7	30.2	27.6	27.1	27.2	26.7	26.0	25.8	24.9
72,0°	185.4	111.2	61.4	37.3	29.8	28.3	28.1	27.9	25.7	24.9	25.0	24.6	24.6	24.6	23.7

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
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°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	319.6	320.3	320.4	320.5	320.5	320.5	320.6	307.4	306.6	305.7	304.9	304.1	303.3	302.5	301.7
5,0°	332.8	332.3	332.4	332.0	331.9	331.9	331.6	315.8	314.0	312.2	310.1	308.0	305.9	303.8	301.9
7,5°	335.8	334.8	333.9	333.1	332.6	332.3	332.2	330.4	326.4	322.7	319.0	315.0	311.1	307.1	303.3
10,0°	329.4	327.9	326.6	325.5	324.6	324.0	324.0	344.4	337.6	331.0	325.0	318.7	312.8	307.1	301.5
12,5°	322.6	320.6	318.8	317.3	316.2	315.1	315.2	355.2	345.5	336.4	327.9	320.0	312.5	305.2	298.1
15,0°	314.3	311.8	309.6	307.8	306.3	305.1	304.9	362.8	351.5	341.2	332.3	324.8	316.4	308.1	300.0
17,5°	305.0	302.1	299.6	297.6	296.0	294.8	294.4	354.5	342.5	332.0	323.3	317.1	310.9	305.2	300.2
20,0°	297.9	294.7	292.3	290.3	288.9	288.1	287.9	335.9	322.0	310.8	299.8	290.8	282.7	277.5	271.8
22,5°	296.0	293.1	291.0	289.7	289.0	288.8	288.7	326.1	311.7	297.9	284.1	271.1	259.0	247.9	233.0
25,0°	301.4	299.9	298.7	298.2	298.3	298.6	298.5	331.2	315.9	298.6	280.3	260.1	239.3	214.6	187.6
27,5°	309.2	308.4	307.6	307.3	307.4	307.9	308.1	352.2	335.4	315.0	292.1	266.2	235.2	197.2	161.6
30,0°	316.8	315.7	314.8	314.1	313.7	314.0	314.4	369.6	351.6	329.1	302.6	270.7	231.0	186.0	152.9
32,5°	324.4	321.1	318.5	316.5	314.9	313.8	313.7	373.3	352.9	327.9	297.7	258.9	212.1	170.0	147.0
35,0°	331.2	324.6	319.6	316.2	313.4	311.3	310.4	368.2	343.5	314.5	279.1	233.0	183.4	152.3	139.8
37,5°	337.4	328.9	322.2	317.9	314.9	312.6	311.5	360.8	330.0	296.2	252.7	199.6	157.7	138.7	135.4
40,0°	338.4	330.6	323.8	319.3	316.4	314.6	314.1	353.5	315.8	275.9	222.7	168.6	137.6	131.2	131.7
42,5°	346.2	341.7	336.4	334.0	332.2	332.0	331.2	344.6	299.7	250.6	190.5	143.5	126.1	125.5	126.0
45,0°	346.9	342.5	338.3	336.3	336.6	336.8	336.9	331.8	280.5	222.3	160.9	124.3	117.0	118.3	120.2
46,0°	339.6	335.3	331.8	330.6	331.5	331.7	332.1	325.1	271.5	210.7	150.4	118.6	112.9	114.5	117.0
47,0°	327.4	323.1	320.0	318.5	319.7	320.3	321.0	317.3	261.5	198.6	140.4	113.4	110.0	112.1	114.3
48,0°	307.8	302.7	300.0	298.5	300.0	300.0	301.7	309.5	251.7	187.5	132.0	108.8	106.5	109.3	110.9
49,0°	284.6	279.0	276.1	273.5	275.2	274.7	277.1	300.8	240.9	176.0	124.1	104.0	102.1	106.3	107.7
50,0°	257.2	248.9	247.1	241.0	245.0	241.1	247.2	291.3	229.9	164.9	116.7	99.4	98.7	103.4	104.4
51,0°	226.1	216.8	210.7	203.9	204.2	201.1	204.1	282.2	219.2	154.6	110.0	95.2	94.9	99.8	100.4
52,0°	193.4	178.9	171.2	163.6	163.7	160.8	162.9	272.2	207.9	144.5	103.2	91.0	93.1	96.9	96.8
53,0°	157.3	142.6	134.9	129.0	128.7	127.0	127.7	263.1	197.8	135.9	96.6	85.8	92.5	96.3	93.9
54,0°	130.0	116.6	110.4	106.6	106.7	105.2	105.6	254.0	187.8	127.7	89.8	77.9	80.9	90.3	91.2
55,0°	108.7	98.6	93.6	90.3	89.8	87.9	88.4	244.5	177.7	119.9	83.7	70.6	70.0	78.2	84.8
56,0°	89.1	79.9	76.0	73.7	73.4	71.8	72.5	235.9	169.1	113.3	79.2	66.5	65.4	69.3	74.6
57,0°	72.1	66.7	64.0	62.7	62.6	61.2	61.9	227.6	160.9	107.2	75.1	63.5	62.8	65.3	67.5
58,0°	60.4	56.6	55.5	54.6	55.0	53.2	54.3	219.6	153.6	101.8	71.4	60.9	60.8	63.2	64.6
59,0°	52.4	50.1	49.2	48.8	48.9	47.7	48.1	212.3	147.1	97.1	68.2	58.8	58.8	61.2	61.8
60,0°	47.0	45.2	44.5	44.8	44.8	44.1	44.0	205.1	140.7	92.5	65.1	56.9	57.3	59.5	59.6
61,0°	42.9	41.8	41.6	42.3	42.2	41.9	41.9	199.1	135.3	88.4	62.4	55.3	56.1	58.0	57.6
62,0°	40.5	39.5	39.5	40.3	40.4	40.0	40.0	193.8	130.0	83.9	59.4	53.5	54.7	56.4	55.3
63,0°	38.4	37.5	37.5	38.5	38.4	38.2	38.0	187.8	122.6	77.5	55.7	51.3	53.3	54.9	53.4
64,0°	36.3	35.5	35.7	36.4	36.5	36.1	36.1	181.9	113.9	70.4	51.9	48.9	51.1	52.7	51.1
65,0°	34.3	33.6	33.9	34.5	35.1	34.1	33.8	175.7	105.1	64.0	48.3	46.1	48.2	50.1	48.5
66,0°	32.4	31.8	32.3	32.9	33.2	31.9	31.8	171.5	98.8	59.6	45.2	43.6	46.1	47.8	46.3
67,0°	30.3	30.3	30.8	31.0	30.7	29.6	29.7	169.3	95.0	56.0	42.3	41.1	43.1	44.2	42.4
68,0°	28.5	28.7	29.1	29.0	28.2	27.5	27.6	168.9	92.3	52.6	39.2	38.3	40.7	42.0	39.7
69,0°	26.8	26.9	26.8	26.3	25.7	25.3	25.3	171.0	91.1	49.7	36.5	35.5	37.7	38.4	36.7
70,0°	25.3	25.0	24.5	23.8	23.4	23.1	23.2	176.6	91.3	46.9	33.6	32.5	34.1	34.8	33.4
71,0°	24.0	23.1	22.3	21.5	21.3	20.8	21.2	187.1	93.6	44.6	30.8	29.5	30.4	31.1	29.9
72,0°	22.6	21.5	20.5	19.7	19.2	18.9	19.6	202.6	97.4	43.4	29.6	27.0	26.6	27.3	26.5

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
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°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9
2,5°	300.8	300.0	299.2	298.5	297.9	297.2	296.6	295.6	295.1	294.7	293.9	293.0	292.2	291.8	291.4
5,0°	299.9	297.9	295.8	293.9	292.0	290.0	288.1	286.3	285.1	283.1	281.6	279.9	278.1	276.7	275.1
7,5°	299.3	295.5	291.9	288.2	284.6	281.2	277.8	274.5	271.1	268.5	265.5	262.6	259.7	257.0	254.2
10,0°	295.8	290.5	285.1	279.9	274.8	269.7	264.6	259.6	254.3	250.9	245.7	240.6	235.0	228.9	224.1
12,5°	291.1	284.9	278.4	271.7	264.4	256.9	248.5	239.9	230.8	221.7	212.5	203.3	196.6	189.1	183.5
15,0°	292.0	284.1	275.3	264.8	252.6	239.9	227.6	215.3	204.7	194.9	185.8	179.6	174.4	169.4	164.7
17,5°	294.8	286.5	271.0	256.3	241.4	227.2	214.9	204.5	195.6	187.5	180.0	172.4	165.0	157.9	151.1
20,0°	265.4	252.3	241.8	231.6	225.4	220.0	214.3	206.8	197.1	186.1	175.0	164.1	154.5	146.3	139.3
22,5°	216.2	200.7	193.5	192.2	193.9	195.8	196.1	193.8	188.2	179.8	170.0	159.5	149.6	141.1	134.0
25,0°	165.2	153.2	152.2	156.0	159.5	162.5	164.3	165.4	165.1	163.0	158.6	152.3	144.9	136.3	127.5
27,5°	137.8	126.7	123.1	123.9	126.3	131.0	136.3	140.1	141.1	140.2	138.4	135.9	131.3	124.8	117.9
30,0°	135.2	125.1	117.8	113.7	111.8	112.0	113.5	115.5	117.7	119.5	119.7	119.0	115.4	109.3	103.7
32,5°	135.3	128.6	124.1	119.1	114.6	109.5	105.2	102.3	101.4	101.5	101.2	98.6	96.3	94.2	91.4
35,0°	135.5	132.2	127.1	121.5	115.0	108.7	102.7	96.5	90.3	85.3	82.4	80.7	79.5	77.8	76.5
37,5°	134.1	130.4	125.7	118.9	112.1	105.3	96.7	86.7	78.5	73.7	71.1	68.9	68.4	69.0	69.6
40,0°	130.1	126.5	120.3	113.5	106.7	96.5	84.8	76.1	70.8	67.4	65.0	63.4	62.6	62.7	63.7
42,5°	125.1	120.2	113.4	106.5	95.6	83.2	74.7	69.7	66.3	63.3	60.9	59.2	58.7	59.0	59.8
45,0°	118.4	112.1	106.0	95.2	82.0	72.8	67.7	64.4	61.8	59.8	58.1	57.0	56.4	56.3	56.7
46,0°	114.6	108.5	101.3	89.3	77.1	69.3	65.0	62.2	60.2	58.6	57.3	56.4	55.7	55.4	55.7
47,0°	111.3	105.7	97.0	83.9	72.7	66.2	62.5	60.2	58.7	57.5	56.6	55.8	55.2	54.8	54.8
48,0°	107.4	101.8	92.1	78.9	69.0	63.5	60.4	58.6	57.5	56.6	55.8	55.2	54.6	54.2	54.1
49,0°	103.6	97.5	86.4	73.8	65.4	60.9	58.5	57.2	56.4	55.7	55.1	54.5	53.9	53.5	53.4
50,0°	100.6	93.7	81.6	69.5	62.3	58.6	56.9	56.0	55.4	54.8	54.3	53.9	53.3	52.9	52.7
51,0°	97.0	89.0	76.0	65.2	59.5	56.7	55.5	54.8	54.3	53.9	53.5	53.1	52.6	52.2	52.1
52,0°	93.4	84.5	71.3	61.6	57.1	55.1	54.2	53.7	53.3	53.0	52.7	52.3	51.9	51.5	51.4
53,0°	89.7	80.2	67.1	58.7	55.3	53.8	53.0	52.6	52.3	52.1	51.8	51.6	51.2	50.8	50.7
54,0°	85.9	74.6	62.3	55.9	53.6	52.4	51.8	51.5	51.3	51.1	50.8	50.6	50.3	50.1	49.9
55,0°	82.0	70.0	58.6	53.7	52.0	51.1	50.6	50.4	50.3	50.1	49.9	49.7	49.5	49.4	49.2
56,0°	75.1	65.9	56.0	52.0	50.6	49.8	49.3	49.2	49.1	49.1	48.9	48.9	48.8	48.7	48.3
57,0°	66.5	59.5	53.1	50.4	49.2	48.5	48.1	48.0	47.9	47.9	47.9	47.9	47.8	47.8	47.5
58,0°	61.1	53.8	50.2	48.9	47.8	47.2	46.9	46.7	46.6	46.6	46.9	46.9	46.8	46.8	46.7
59,0°	56.8	48.9	46.3	46.6	46.5	46.1	45.7	45.5	45.4	45.6	45.8	45.7	45.7	45.7	45.6
60,0°	54.0	46.5	43.7	44.1	45.1	44.9	44.5	44.2	44.2	44.4	44.6	44.7	44.6	44.7	44.6
61,0°	51.6	44.9	42.4	42.5	43.8	43.7	43.4	43.1	43.1	43.3	43.4	43.5	43.4	43.6	43.5
62,0°	49.0	43.3	41.2	41.4	42.6	42.5	42.2	41.9	41.8	42.0	42.1	42.1	42.1	42.2	42.2
63,0°	46.9	41.9	40.4	40.8	41.5	41.3	41.0	40.8	40.6	40.7	40.8	40.8	40.8	41.0	41.0
64,0°	44.9	40.6	39.6	40.4	40.5	40.1	39.9	39.7	39.4	39.4	39.3	39.5	39.4	39.6	39.5
65,0°	42.5	39.2	38.8	39.7	39.4	38.9	38.6	38.5	38.1	38.0	37.9	38.1	38.0	38.0	38.1
66,0°	40.7	38.1	37.7	38.7	38.3	37.7	37.4	37.2	36.8	36.5	36.4	36.6	36.4	36.5	36.7
67,0°	38.0	36.5	36.4	37.4	37.0	36.4	36.1	35.8	35.3	35.0	34.8	34.8	34.6	34.6	34.8
68,0°	35.8	34.9	35.5	36.0	35.5	34.9	34.6	34.3	33.7	33.3	33.0	33.0	32.9	33.0	33.3
69,0°	33.4	33.3	34.5	34.8	34.0	33.3	33.0	32.7	32.1	31.6	31.2	31.2	31.1	31.2	31.5
70,0°	30.8	31.0	32.7	33.0	32.4	31.6	31.1	30.8	30.2	29.8	29.4	29.6	29.5	29.2	29.5
71,0°	28.2	28.5	30.3	31.0	30.4	29.5	29.0	28.6	28.1	27.8	27.5	27.8	27.4	27.1	27.0
72,0°	25.4	25.9	27.1	28.0	28.0	27.2	26.5	26.2	25.9	25.8	25.6	25.6	24.8	24.6	24.4

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
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°	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	307.9	0.5	0.5
2,5°	290.8	290.1	289.6	289.3	289.0	288.5	288.4	288.3	287.9	287.7	287.4	287.7	288.1	3.7	4.1
5,0°	273.6	272.1	271.1	269.8	268.7	268.1	267.1	266.4	265.9	265.5	265.0	264.7	264.9	7.4	11.5
7,5°	251.6	249.3	246.8	244.8	242.7	240.9	239.3	237.8	236.7	235.9	235.1	234.5	234.5	11.1	22.6
10,0°	218.0	213.6	208.8	204.6	200.9	197.3	194.4	192.0	189.7	188.2	187.0	185.9	186.6	14.5	37.1
12,5°	178.2	173.7	169.8	166.3	163.3	160.7	158.3	156.5	154.8	153.6	152.7	151.8	152.0	17.8	54.9
15,0°	160.0	155.3	150.9	146.8	143.0	139.8	136.9	134.5	132.5	130.9	129.8	128.9	129.1	21.1	76.0
17,5°	144.9	139.3	134.3	129.9	126.2	123.0	120.3	118.0	116.2	114.9	114.0	113.4	113.1	23.8	99.8
20,0°	133.8	129.3	125.2	121.6	118.0	114.8	111.8	109.2	107.1	105.4	104.5	103.6	103.8	25.4	125.2
22,5°	127.8	122.2	116.9	112.2	107.9	104.1	100.9	98.2	96.1	94.5	93.5	92.8	92.7	26.5	151.7
25,0°	119.2	111.8	105.9	102.0	99.3	97.4	95.6	93.7	91.7	89.9	88.7	87.8	87.7	28.0	179.7
27,5°	110.9	104.4	98.6	94.1	90.8	88.5	86.9	85.7	84.7	83.6	82.8	82.1	82.0	30.5	210.3
30,0°	99.1	95.5	92.2	88.3	83.2	78.3	74.9	72.7	71.4	70.3	69.7	69.2	69.0	33.5	243.8
32,5°	87.0	82.3	78.2	75.1	72.7	70.9	69.5	68.4	67.5	66.7	66.3	65.8	65.8	36.6	280.4
35,0°	75.5	74.4	72.8	70.8	69.0	67.5	66.4	65.6	64.9	64.3	64.0	63.5	63.3	39.5	319.9
37,5°	69.5	69.0	68.6	67.9	66.9	65.9	64.9	63.9	63.0	62.2	61.5	60.9	60.6	42.5	362.5
40,0°	64.9	65.5	65.7	65.4	64.7	63.4	62.3	61.2	60.5	59.7	59.0	58.2	58.2	45.4	407.9
42,5°	60.9	61.9	62.3	62.1	61.7	61.0	60.3	59.7	58.9	58.1	57.1	56.4	56.2	48.1	456.0
45,0°	57.5	58.4	59.2	59.4	59.0	58.3	57.8	57.3	56.8	55.9	55.0	54.1	53.8	34.8	490.8
46,0°	56.4	57.3	57.9	57.9	57.7	57.4	57.3	56.9	56.2	55.4	54.4	53.5	53.2	20.1	510.9
47,0°	55.3	56.2	56.9	57.0	57.0	57.0	56.9	56.4	55.7	54.7	53.6	52.7	52.5	20.2	531.1
48,0°	54.4	55.1	55.9	56.3	56.5	56.5	56.3	55.9	55.3	54.1	53.0	52.0	51.8	20.1	551.2
49,0°	53.6	54.2	55.1	55.7	55.8	55.9	55.8	55.3	54.6	53.3	52.1	51.1	50.9	19.9	571.2
50,0°	52.9	53.5	54.4	55.1	55.4	55.4	55.3	54.7	53.9	52.6	51.3	50.2	49.9	19.6	590.8
51,0°	52.3	52.7	53.6	54.3	54.9	54.9	54.7	54.0	52.9	51.8	50.4	49.1	48.8	19.2	610.1
52,0°	51.6	52.1	52.8	53.8	54.4	54.3	54.0	53.1	52.1	50.8	49.2	48.0	47.6	18.7	628.8
53,0°	50.9	51.4	52.2	53.0	53.6	53.6	53.2	52.3	51.1	49.8	48.2	46.8	46.3	18.2	647.0
54,0°	49.9	50.4	51.4	52.1	52.6	52.7	52.4	51.4	50.0	48.6	47.1	45.7	45.1	17.8	664.8
55,0°	49.2	49.8	50.6	51.3	51.8	51.7	51.5	50.5	49.1	47.5	46.0	44.5	44.2	17.3	682.1
56,0°	48.3	48.8	49.6	50.4	50.9	50.8	50.3	49.3	48.1	46.3	45.0	43.4	43.0	16.8	698.9
57,0°	47.4	47.7	48.6	49.5	50.0	49.8	49.0	48.1	46.7	45.2	43.8	42.5	41.9	16.4	715.3
58,0°	46.5	46.5	47.3	48.3	49.1	48.7	47.9	46.8	45.4	44.0	42.8	41.5	41.0	16.0	731.4
59,0°	45.2	45.2	45.8	46.7	47.6	47.5	46.6	45.4	44.0	42.7	41.5	40.5	40.0	15.7	747.1
60,0°	44.3	43.9	44.3	45.3	46.2	46.1	45.4	44.4	42.8	41.3	40.3	39.5	39.4	15.4	762.5
61,0°	43.1	42.6	42.8	43.8	44.7	44.8	44.3	43.4	41.7	40.0	38.9	38.3	38.4	15.2	777.6
62,0°	41.8	41.3	41.3	42.0	42.9	43.0	42.6	41.8	40.1	38.2	37.3	36.7	36.8	15.0	792.6
63,0°	40.7	40.3	40.1	40.3	41.4	41.4	40.9	39.9	38.2	36.6	35.8	35.3	35.4	14.7	807.4
64,0°	39.5	39.1	38.9	38.9	39.5	39.1	38.8	37.6	36.3	34.7	34.2	33.8	34.1	14.5	821.9
65,0°	38.2	38.2	37.9	37.4	37.3	36.9	36.5	35.4	34.4	32.7	32.3	31.9	32.2	14.3	836.2
66,0°	37.1	37.2	37.0	35.8	35.1	34.2	33.7	33.0	32.3	31.0	30.3	29.9	30.4	14.1	850.3
67,0°	35.6	35.7	35.0	33.4	32.1	31.3	31.1	30.6	30.2	28.9	28.0	27.5	27.8	13.9	864.2
68,0°	34.0	33.8	32.8	31.4	30.1	28.9	28.7	28.0	27.6	26.1	25.7	25.3	25.3	13.7	877.8
69,0°	32.1	31.4	30.9	29.4	28.0	26.1	25.9	25.2	25.1	24.0	23.6	22.7	23.0	13.6	891.4
70,0°	29.5	29.5	28.8	27.2	25.5	23.5	22.8	22.7	22.0	22.2	21.4	20.4	20.5	13.6	905.0
71,0°	27.2	27.6	26.8	24.9	22.8	20.5	19.6	20.5	19.3	20.7	18.9	18.0	18.0	13.6	918.6
72,0°	25.0	24.9	24.4	21.7	20.0	17.7	16.6	17.6	17.3	17.0	15.7	15.0	15.2	13.7	932.3

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
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Table of values for luminous intensities	Maximum luminous intensity	siteco
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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														
73,0°	344.9	447.8	507.5	542.8	561.4	567.1	553.8	566.9	600.3	650.6	660.7	591.8	477.7	349.1	231.2
74,0°	352.2	458.6	518.1	551.3	570.9	574.4	557.7	575.6	615.5	657.3	646.7	555.6	425.9	295.7	179.8
75,0°	324.1	422.3	480.5	511.8	538.1	546.6	531.6	556.8	602.4	629.9	604.7	507.1	371.5	222.9	117.1
76,0°	241.2	309.5	358.5	381.0	417.1	439.4	460.2	496.0	545.8	557.7	526.9	433.9	295.2	139.9	62.5
77,0°	150.2	185.1	212.0	226.8	258.3	284.6	344.4	387.7	438.0	439.6	413.4	330.6	209.0	86.4	36.0
78,0°	84.0	97.0	114.3	117.0	139.8	156.0	222.4	262.1	304.9	299.8	280.3	205.9	112.3	39.9	21.4
79,0°	37.7	43.8	50.1	53.9	65.3	79.2	127.4	158.4	188.8	180.6	159.4	96.4	35.5	15.5	12.4
80,0°	17.0	18.5	20.7	22.2	26.3	31.9	62.5	81.1	99.6	98.2	78.1	38.2	14.5	10.2	9.7
81,0°	8.6	9.0	9.8	10.7	12.1	13.9	26.2	30.6	37.9	40.4	30.7	14.9	8.5	7.6	7.4
82,0°	5.8	6.0	6.4	7.0	7.6	7.8	11.4	11.1	12.4	14.5	10.7	7.1	6.0	5.9	5.6
83,0°	4.4	4.4	4.8	5.1	5.4	5.5	6.2	6.0	6.5	7.5	6.5	5.0	4.4	4.7	4.9
84,0°	3.1	3.1	3.3	3.3	3.6	3.5	3.9	3.8	4.1	4.4	4.3	3.6	3.1	3.2	3.3
85,0°	2.4	2.4	2.5	2.5	2.5	2.3	2.6	2.5	2.7	2.8	2.8	2.5	2.4	2.3	2.5
86,0°	2.0	1.8	2.0	1.8	1.8	1.8	1.9	1.8	1.9	1.8	1.9	1.7	1.6	1.5	1.6
87,0°	1.5	1.5	1.5	1.3	1.3	1.3	1.4	1.3	1.3	1.2	1.3	1.1	1.0	1.0	1.0
88,0°	1.3	1.3	1.2	1.0	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.8	0.8
89,0°	1.0	1.0	1.0	1.1	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.5
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 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
		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														
73,0°	140.1	81.8	45.1	29.6	25.7	25.7	25.8	26.0	24.1	23.0	23.0	22.6	22.9	23.0	21.9
74,0°	96.0	52.5	31.7	24.5	22.9	23.3	23.6	24.0	22.8	21.6	21.4	21.0	21.1	20.8	20.1
75,0°	55.3	31.2	23.0	22.8	22.9	22.2	22.0	22.2	21.4	20.5	20.1	19.8	19.3	19.1	18.4
76,0°	30.4	20.5	18.7	21.3	23.3	22.2	21.7	20.9	19.6	18.9	18.2	17.9	17.3	17.2	16.5
77,0°	20.8	16.4	15.8	16.5	18.3	20.6	21.0	20.0	18.0	17.2	16.2	15.8	15.0	14.9	14.3
78,0°	15.1	13.2	12.9	13.7	14.4	16.9	18.0	18.2	16.9	15.8	14.6	13.9	12.7	12.6	11.8
79,0°	11.2	10.6	10.6	11.5	12.5	13.4	14.0	14.9	14.5	14.0	12.5	11.7	10.5	10.4	9.3
80,0°	8.9	8.4	8.6	9.5	10.0	10.8	10.8	11.1	11.2	11.5	10.8	9.9	8.5	8.2	7.3
81,0°	6.8	6.5	7.1	7.8	7.8	8.3	8.2	8.2	8.5	9.1	9.0	8.5	6.8	6.3	5.7
82,0°	5.5	5.0	5.3	5.9	6.2	6.2	6.2	6.3	6.5	7.2	7.4	6.8	5.3	4.7	4.3
83,0°	4.3	4.2	4.4	4.6	4.2	4.5	4.6	4.7	4.8	5.5	5.6	5.1	4.0	3.6	3.4
84,0°	3.3	3.1	3.4	3.3	2.9	3.1	3.0	3.3	3.5	3.8	4.0	3.7	2.9	2.7	2.5
85,0°	2.3	2.3	2.6	2.1	2.1	2.1	2.0	2.2	2.2	2.6	2.5	2.4	2.0	1.9	1.8
86,0°	1.4	1.8	1.6	1.6	1.2	1.4	1.4	1.5	1.3	1.5	1.4	1.5	1.4	1.4	1.2
87,0°	0.9	0.9	1.1	1.0	1.0	1.0	0.9	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8
88,0°	0.9	0.9	0.5	0.7	0.6	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
89,0°	0.5	0.5	0.5	0.4	0.8	0.5	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.3	0.3
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 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
		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														
73,0°	20.8	19.7	18.6	17.8	17.2	17.1	17.7	216.1	98.5	42.3	30.5	26.5	24.3	24.2	23.5
74,0°	19.3	18.2	17.0	16.1	15.5	15.3	15.6	214.2	91.6	39.1	30.0	26.7	24.1	22.1	21.4
75,0°	18.0	16.8	15.6	14.5	13.9	13.6	13.6	185.3	74.2	32.2	26.2	24.3	21.8	19.5	18.6
76,0°	16.5	15.2	14.0	12.9	12.2	11.7	11.7	124.9	46.9	23.2	21.4	20.5	18.5	17.2	16.3
77,0°	14.2	12.9	12.0	10.9	10.2	9.7	9.7	73.0	28.3	18.2	17.7	17.2	15.9	14.9	14.4
78,0°	11.9	10.7	10.0	9.2	8.6	7.9	8.1	38.9	19.9	17.5	15.1	14.4	13.1	12.4	12.3
79,0°	9.7	8.5	8.3	7.6	7.2	6.4	6.7	19.9	14.6	16.2	12.7	11.9	11.5	11.0	10.5
80,0°	7.5	6.9	6.4	6.0	5.6	5.1	5.1	11.3	10.3	11.9	9.8	9.5	9.3	8.9	8.6
81,0°	5.9	5.5	5.1	4.7	4.5	4.0	4.1	7.3	7.0	7.5	7.1	7.3	7.1	7.1	6.8
82,0°	4.5	4.1	3.9	3.8	3.6	3.2	3.2	5.4	5.4	5.4	5.5	5.7	5.7	5.6	5.5
83,0°	3.3	3.1	3.0	2.9	2.8	2.5	2.5	4.2	4.3	4.2	4.3	4.3	4.0	4.1	4.2
84,0°	2.4	2.3	2.2	2.2	2.1	2.0	2.1	3.1	3.3	3.2	3.3	3.2	3.3	3.1	3.0
85,0°	1.8	1.6	1.5	1.5	1.5	1.4	1.4	2.4	2.6	2.5	2.6	2.6	2.4	2.4	2.6
86,0°	1.2	1.0	1.0	1.0	1.0	0.9	0.9	1.9	2.0	1.9	2.0	1.9	1.8	1.9	1.8
87,0°	0.8	0.8	0.8	0.7	0.7	0.6	0.7	1.5	1.6	1.6	1.6	1.6	1.5	1.3	1.4
88,0°	0.6	0.6	0.5	0.3	0.5	0.3	0.5	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.1
89,0°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	1.0	1.1	1.1	1.1	1.1	0.9	0.9	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

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
		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														
73,0°	22.9	23.6	24.3	25.3	25.5	24.7	24.1	23.8	23.5	23.5	23.4	23.3	22.1	22.2	22.5
74,0°	20.7	21.3	22.0	22.9	23.0	22.4	21.7	21.3	20.9	20.9	20.7	20.3	20.2	20.5	20.9
75,0°	18.0	18.1	18.8	20.0	20.4	20.0	19.2	18.7	18.2	18.0	17.7	17.8	18.2	19.2	19.4
76,0°	15.9	15.9	16.3	17.2	17.6	17.5	16.6	16.2	15.5	15.1	15.0	15.5	15.7	16.3	16.9
77,0°	13.5	13.6	13.5	14.5	14.9	15.1	14.1	13.7	13.0	12.7	12.4	12.4	12.1	13.0	13.8
78,0°	12.0	11.5	11.5	11.9	12.3	12.7	11.7	11.3	10.6	10.3	10.0	9.7	9.7	10.2	10.5
79,0°	10.2	9.9	9.7	9.9	10.3	10.5	9.6	9.2	8.6	8.2	7.9	7.9	7.8	8.0	8.0
80,0°	8.3	8.3	7.9	7.9	8.4	8.4	7.8	7.5	6.9	6.5	6.2	5.9	5.7	5.9	6.0
81,0°	6.8	6.5	6.5	6.4	6.6	6.7	6.3	5.9	5.4	5.0	4.7	4.5	4.2	4.3	4.4
82,0°	5.4	5.3	5.0	5.2	5.4	5.3	5.0	4.7	4.2	3.8	3.5	3.3	3.0	3.1	3.1
83,0°	3.8	4.0	3.8	3.9	4.2	4.2	3.9	3.5	3.1	2.8	2.6	2.4	2.3	2.3	2.0
84,0°	3.1	2.9	2.9	2.9	3.1	3.1	2.9	2.5	2.2	2.0	1.9	1.8	1.6	1.6	1.5
85,0°	2.3	2.2	2.0	2.0	2.2	2.2	2.0	1.8	1.5	1.4	1.3	1.2	1.1	1.1	0.8
86,0°	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.1	1.1	1.0	0.8	0.8	0.7	0.7
87,0°	1.4	1.4	1.4	1.4	1.3	1.1	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6
88,0°	1.1	1.1	1.0	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.6	0.6
89,0°	0.9	1.0	1.2	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6
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

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	
73,0°	22.9	22.8	21.9	18.7	16.7	14.7	13.4	13.8	14.1	11.9	11.6	11.3	11.7	13.7	945.9
74,0°	21.2	20.7	19.7	15.9	12.8	11.1	10.4	10.6	11.1	9.0	8.6	8.3	8.5	13.2	959.1
75,0°	19.7	18.6	17.3	13.8	10.6	9.1	8.7	8.2	8.7	7.3	7.1	6.5	6.7	12.1	971.3
76,0°	17.0	15.9	14.3	11.8	9.5	7.7	7.2	6.5	6.7	5.4	5.0	4.6	4.6	9.9	981.2
77,0°	14.2	12.9	11.3	8.6	7.1	6.0	5.9	4.8	4.4	3.7	3.2	2.8	3.0	7.2	988.4
78,0°	11.1	10.3	9.0	6.9	5.4	4.5	4.0	3.4	2.9	2.3	1.8	1.6	1.6	4.6	993.0
79,0°	8.5	8.0	7.4	5.5	4.2	3.6	3.1	2.4	2.1	1.5	1.2	0.9	0.9	2.7	995.7
80,0°	6.3	5.8	5.5	4.3	3.3	2.7	2.2	1.8	1.5	1.0	0.7	0.7	0.5	1.6	997.3
81,0°	4.4	4.3	4.1	3.0	2.4	2.0	1.6	1.5	1.0	0.7	0.6	0.5	0.5	0.9	998.2
82,0°	3.0	3.0	3.2	2.2	1.8	1.4	1.2	1.0	0.9	0.5	0.5	0.5	0.5	0.6	998.7
83,0°	1.9	2.0	1.9	1.4	1.2	0.9	0.9	0.8	0.7	0.5	0.5	0.2	0.2	0.4	999.1
84,0°	1.4	1.7	1.2	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.2	0.2	0.2	0.3	999.4
85,0°	1.0	1.0	1.0	0.7	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	999.6
86,0°	0.6	0.6	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.7
87,0°	0.5	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.8
88,0°	0.5	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	999.9
89,0°	0.6	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	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 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
Dimming levels table		siteco
environmental temperature: 25°C		

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	2980	19.4	19.9	19.6
95	241	252	2827	18.2	18.8	18.5
90	229	250	2687	17.2	17.7	17.4
85	216	248	2534	16.2	16.7	16.4
80	203	246	2382	15.1	15.6	15.4
75	190	243	2229	14.2	14.6	14.4
70	178	241	2088	13.2	13.6	13.4
65	165	238	1936	12.3	12.6	12.4
60	152	235	1783	11.3	11.6	11.4
55	140	232	1643	10.4	10.7	10.6
50	127	229	1490	9.5	9.8	9.6
45	114	225	1337	8.6	8.8	8.7
40	102	221	1197	7.8	8.0	7.9
35	89	216	1044	6.9	7.1	7.0
30	76	210	892	6.1	6.3	6.2
25	63	203	739	5.3	5.5	5.4
20	51	195	598	4.5	4.6	4.6
17	42	188	493	4.0	4.1	4.0

Dimming levels table	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	2980	19.2	19.8	19.5
95	241	252	2827	18.1	18.7	18.4
90	229	250	2687	17.2	17.7	17.4
85	216	248	2534	16.1	16.6	16.4
80	203	246	2382	15.2	15.6	15.4
75	191	244	2241	14.2	14.6	14.4
70	178	241	2088	13.2	13.7	13.4
65	165	238	1936	12.3	12.6	12.4
60	152	235	1783	11.3	11.6	11.4
55	140	232	1642	10.4	10.7	10.6
50	127	229	1490	9.5	9.8	9.6
45	114	225	1337	8.6	8.9	8.8
40	102	221	1197	7.8	8.1	8.0
35	89	216	1044	6.9	7.1	7.0
30	76	210	892	6.1	6.3	6.2
25	64	204	751	5.4	5.6	5.5
20	51	195	598	4.6	4.7	4.6
17	42	188	493	4.0	4.1	4.0

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
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Dimming levels table	environmental temperature: 15°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	2980	19.3	19.8	19.6
95	241	252	2827	18.1	18.7	18.4
90	229	250	2687	17.2	17.7	17.4
85	216	248	2534	16.1	16.6	16.4
80	203	246	2382	15.1	15.6	15.4
75	191	244	2241	14.2	14.6	14.4
70	178	241	2088	13.2	13.6	13.4
65	165	238	1936	12.2	12.6	12.4
60	152	235	1783	11.3	11.6	11.4
55	140	232	1642	10.4	10.7	10.6
50	127	229	1490	9.5	9.8	9.6
45	114	225	1337	8.6	8.8	8.7
40	102	221	1197	7.8	8.0	7.9
35	89	216	1044	6.9	7.1	7.0
30	76	210	892	6.2	6.3	6.2
25	64	204	751	5.3	5.5	5.4
20	51	195	598	4.6	4.7	4.6
17	42	188	493	4.1	4.2	4.2

Photometric test report

Family Streetlight 21 micro LED	Order number: 5XE1B41D08CB EAN: 4058352739570	LP number 59065_1100
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Luminousfluxs table **siteco**

Temperature °C	Luminous flux lm	Power consumption W
25.0	2980.0	19.4
5.0	2980.0	19.2
15.0	2980.0	19.3