



Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
	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 DIM Rated values Net luminous flux = 5320 lm Power consumption = 39.1 W Luminous efficacy = 136.1 lm/W	serial documentation 26.10.2022
		

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

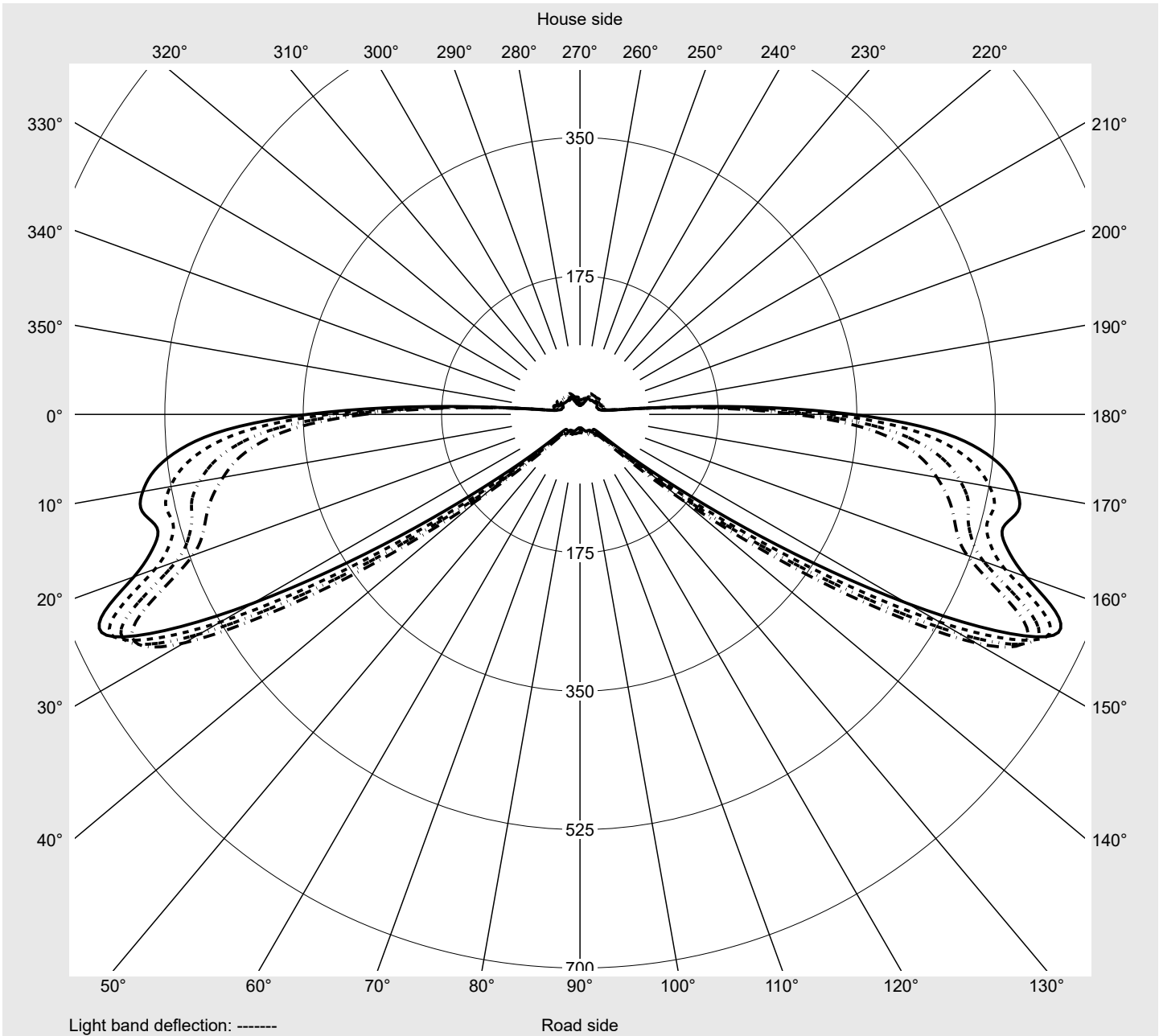
Measurement conditions

DIN EN 13032 and DIN 5032

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



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Family Streetlight 21 micro easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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 easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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 easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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 easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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 easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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Table of values for luminous intensities Maximum luminous intensity

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 easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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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 easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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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 easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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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

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Dimming levels table environmental temperature: 25°C

Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	5320	39.1	40.8	40.0
95	94	5063	36.7	38.2	37.4
90	88	4799	34.3	35.8	35.0
85	82	4528	31.9	33.4	32.6
80	76	4248	29.7	30.9	30.3
75	71	4011	27.7	28.9	28.3
70	65	3720	25.4	26.5	26.0
65	60	3470	23.5	24.5	24.0
60	55	3216	21.6	22.5	22.0
55	49	2904	19.4	20.1	19.8
50	44	2638	17.5	18.2	17.8
45	40	2419	16.0	16.7	16.4
40	35	2141	14.2	14.7	14.4
35	30	1857	12.4	12.9	12.6
31	26	1625	11.0	11.4	11.2
25	21	1330	9.2	9.5	9.4
20	17	1089	7.8	8.0	7.9
17	14	905	6.8	7.0	6.9

Dimming levels table environmental temperature: 5°C

Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	5450	39.6	41.3	40.4
95	94	5181	37.1	38.7	37.9
90	88	4906	34.7	36.2	35.4
85	82	4624	32.3	33.8	33.0
80	77	4384	30.3	31.7	31.0
75	71	4091	28.1	29.2	28.6
70	65	3790	25.7	26.8	26.2
65	60	3533	23.9	24.8	24.4
60	55	3272	21.9	22.9	22.4
55	50	3007	20.0	20.8	20.4
50	45	2734	18.2	18.9	18.5
45	40	2456	16.3	16.9	16.6
40	35	2173	14.5	14.9	14.7
35	30	1883	12.6	13.1	12.8
30	26	1647	11.2	11.5	11.4
25	21	1347	9.3	9.7	9.5
20	17	1103	7.9	8.2	8.0
17	14	916	6.9	7.1	7.0

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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Dimming levels table	environmental temperature: 15°C	sITeco
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Luminous flux %	Output ECG [%]	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	100	5390	39.3	41.0	40.2
95	94	5127	36.9	38.5	37.7
90	88	4857	34.5	36.0	35.2
85	82	4580	32.1	33.6	32.8
80	76	4296	29.8	31.1	30.4
75	71	4055	27.9	29.0	28.4
70	65	3758	25.5	26.7	26.1
65	60	3505	23.7	24.7	24.2
60	55	3247	21.8	22.7	22.2
55	50	2984	19.9	20.7	20.3
50	45	2715	18.0	18.7	18.4
45	40	2440	16.1	16.8	16.5
40	35	2159	14.3	14.8	14.6
35	30	1871	12.5	13.0	12.8
30	26	1637	11.1	11.5	11.3
25	21	1339	9.3	9.6	9.4
20	17	1097	7.8	8.1	8.0
17	14	911	6.8	7.0	6.9

Photometric test report

Family Streetlight 21 micro easy LED	Order number: 5XE5B43A08DB EAN: 4058352785164	LP number 59065_947
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Luminousfluxs table	sITeco
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Temperature °C	Luminous flux lm	Power consumption W
25.0	5320.0	39.1
5.0	5450.0	39.6
15.0	5390.0	39.3