



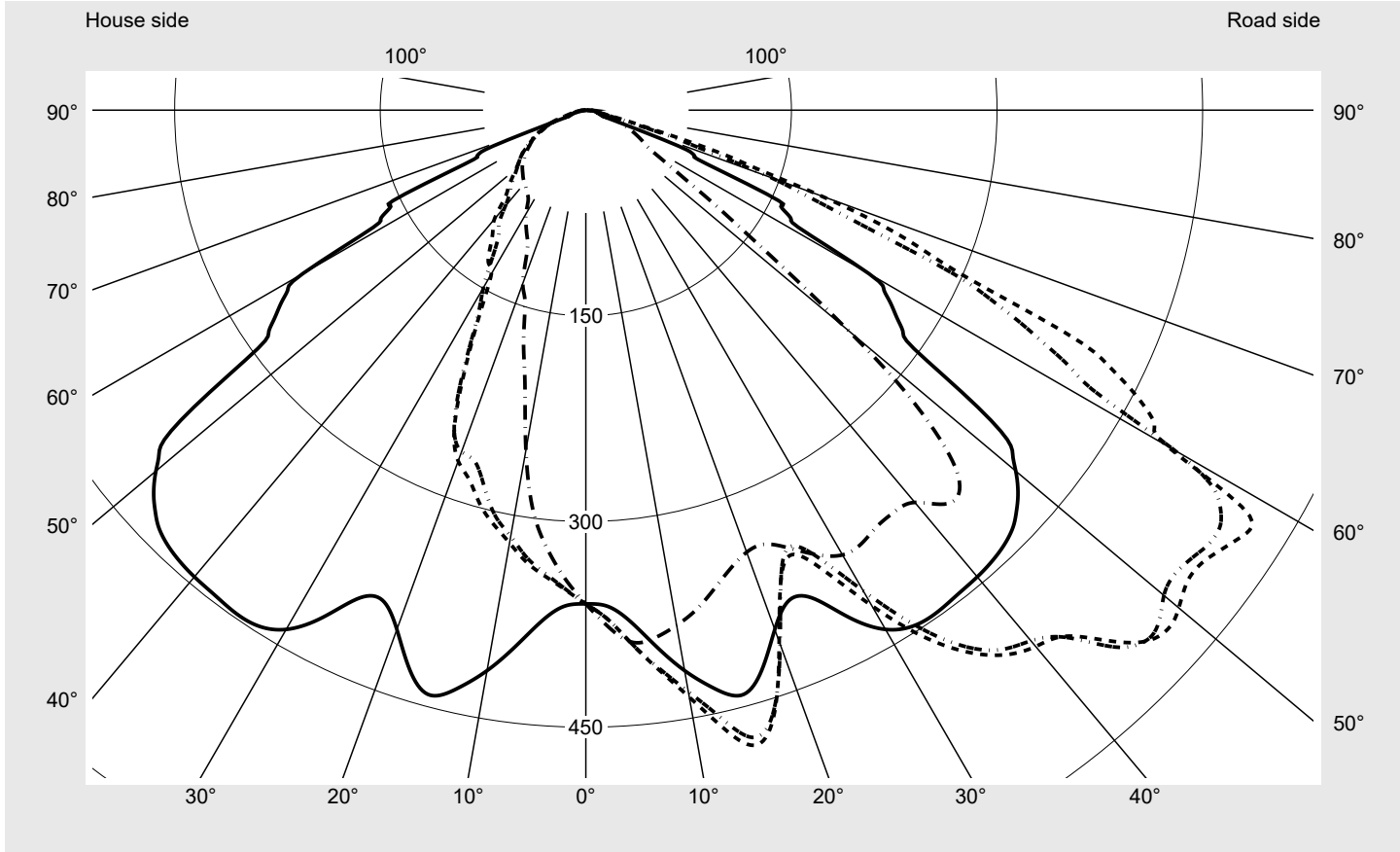
# Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number:</b> 5XE2B42B08HA + 5XEBLE2086 <b>EAN:</b> 4058352424209 + 4058352478974	<b>LP number</b> 59160_51
	<b>Version</b> post-top or side-entry mounting, G6-louvre shielding <b>Optic</b> asymmetric, wide distribution (ST0.5a) <b>Cover</b> toughened safety glass <b>Lamps</b> LED 4000 K   CRI ≥ 70 <b>Controlgear</b> ECG DIM <b>Rated values</b> Net luminous flux = 7840 lm Power consumption = 66.0 W Luminous efficacy = 118.8 lm/W	<b>serial documentation</b> 04.06.2021

siteco

**Luminous intensity in cd/klm** C180-0 C217.5-37.5 C220-40 C270-90 **Imax: 573 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:	G6
Imax 70°	273.3
Imax 80°	15.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

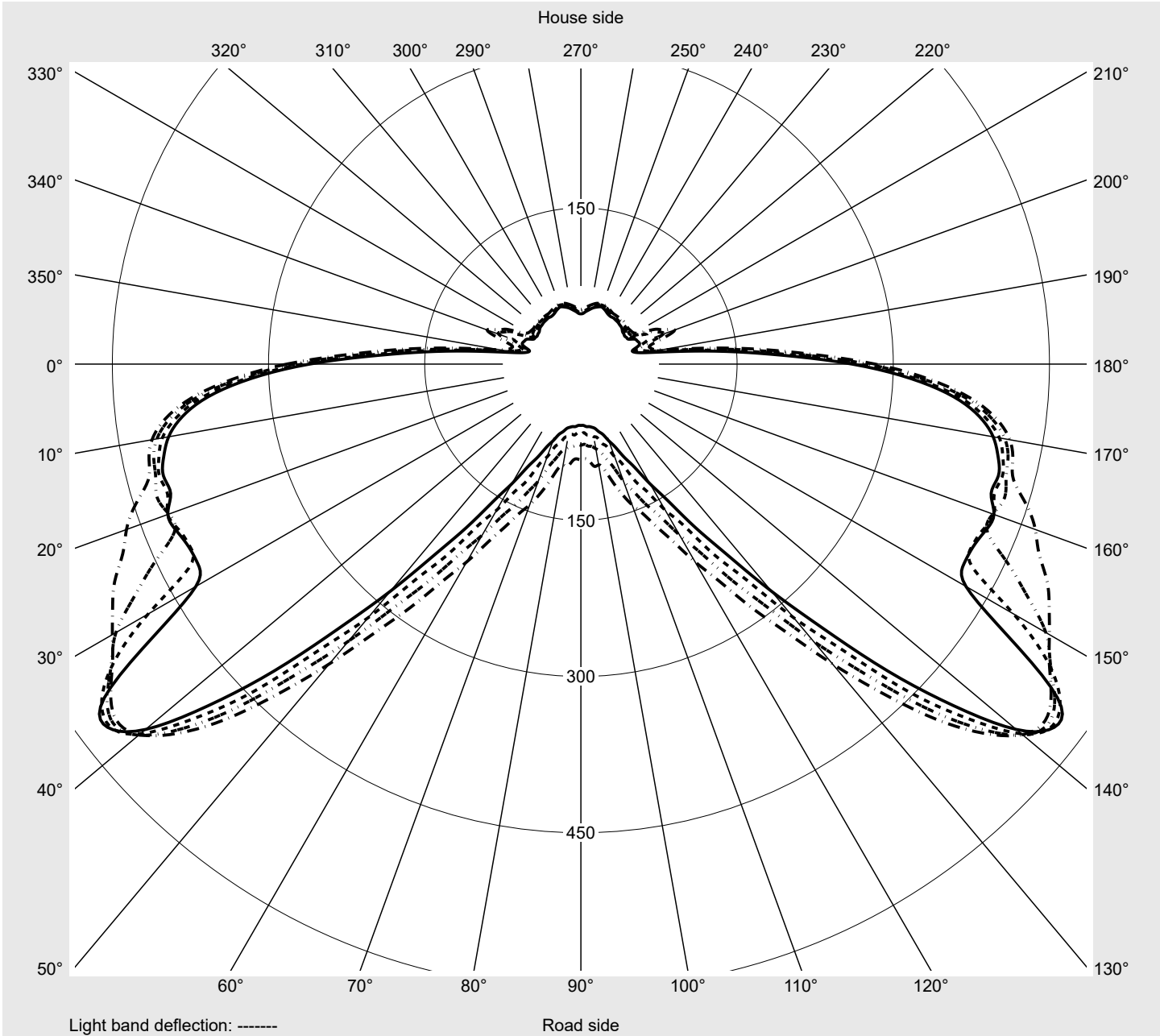
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

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**Envelope curve in cd/klm**      **KMK 58°**    **KMK 57°**    **KMK 56°**    **KMK 55°**      **siteco**



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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
0,0°	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1
2,5°	362.2	362.7	363.2	364.1	364.9	365.9	366.5	367.3	367.8	368.7	369.0	369.7	369.8	370.7	371.0
5,0°	374.5	376.3	377.2	379.3	380.2	382.2	383.0	384.8	385.4	387.2	387.5	389.0	389.1	390.4	390.5
7,5°	394.6	398.1	400.2	403.0	404.6	407.5	409.0	411.4	412.4	414.0	413.9	414.5	413.7	413.6	412.4
10,0°	415.1	420.9	425.1	429.7	433.1	437.8	440.7	443.9	444.9	446.0	445.3	444.9	442.7	440.9	437.5
12,5°	431.8	440.6	446.4	453.7	458.9	466.7	470.7	476.0	477.3	479.9	478.4	478.3	473.8	471.3	465.0
15,0°	441.5	449.9	457.3	464.2	471.7	478.8	484.5	488.8	491.5	492.6	492.8	491.6	489.9	487.2	483.8
17,5°	427.6	434.8	441.6	447.8	455.1	460.9	466.0	468.7	470.5	469.3	468.9	466.7	465.6	462.6	461.3
20,0°	403.1	407.9	414.4	418.7	426.0	428.7	432.9	431.1	431.6	426.8	426.0	420.4	420.3	415.3	416.1
22,5°	387.1	391.6	396.7	402.8	408.1	410.7	411.2	408.6	404.6	398.8	393.3	386.8	382.1	377.2	374.5
25,0°	392.9	399.5	404.7	414.0	418.1	422.2	419.7	417.2	410.5	404.4	395.2	388.1	378.9	371.8	363.7
27,5°	417.5	425.1	433.1	443.1	449.1	451.9	450.1	446.2	439.7	432.2	423.6	415.3	406.8	399.3	389.8
30,0°	437.3	446.9	457.2	469.5	476.1	479.4	477.7	474.2	467.7	460.5	452.6	446.4	440.0	435.0	426.4
32,5°	445.8	457.9	471.0	486.4	494.7	498.7	497.3	494.2	487.8	481.5	475.2	471.6	467.5	464.5	458.4
35,0°	447.0	462.7	479.8	497.5	507.8	512.1	511.5	507.8	501.7	495.0	490.0	487.4	485.1	483.2	482.4
37,5°	445.4	466.2	488.0	509.1	520.8	525.6	524.6	519.9	512.7	505.2	500.1	496.8	494.2	494.6	497.9
40,0°	444.3	471.0	497.5	521.7	534.5	539.9	538.2	532.6	523.4	514.4	507.9	503.4	500.9	503.2	508.8
42,5°	442.2	475.1	506.7	533.7	547.4	552.3	549.8	542.9	532.4	521.3	513.6	508.1	508.1	513.2	519.0
45,0°	437.6	476.5	512.3	540.7	555.2	559.5	556.3	547.2	534.1	520.2	511.9	508.0	512.0	524.1	537.5
46,0°	434.3	475.7	512.8	541.5	556.5	560.5	556.8	546.7	532.4	517.0	508.2	505.7	513.7	530.8	549.3
47,0°	429.5	473.8	512.4	541.6	556.7	560.4	556.6	545.4	529.3	512.4	503.1	503.8	517.1	541.5	560.4
48,0°	424.1	471.3	511.5	541.0	556.4	559.7	555.8	543.8	525.9	507.2	498.2	501.6	522.0	550.6	566.5
49,0°	417.5	467.2	509.7	539.5	555.2	558.3	554.8	541.4	522.4	501.8	493.9	501.1	527.5	556.1	569.3
50,0°	409.5	462.7	506.9	537.7	553.5	556.8	553.0	539.1	518.2	497.2	490.3	502.9	530.7	556.5	569.4
51,0°	400.9	457.1	503.1	534.7	551.3	554.8	551.2	536.7	514.8	493.5	489.4	505.0	530.7	553.9	565.9
52,0°	390.2	449.8	498.2	531.0	548.1	552.4	549.0	534.1	511.9	492.0	491.4	506.5	528.5	548.2	559.3
53,0°	351.2	409.0	465.5	504.7	537.1	548.2	546.4	531.7	510.3	493.4	494.8	507.0	526.2	541.6	553.6
54,0°	295.9	346.6	392.6	425.0	457.8	480.3	511.7	518.9	507.9	496.0	498.1	507.7	523.1	536.2	550.7
55,0°	282.6	335.1	375.7	402.5	418.3	424.8	430.2	448.5	464.4	476.3	494.1	507.0	519.6	533.4	551.3
56,0°	275.1	329.1	370.8	397.7	413.5	420.2	422.7	426.7	421.1	422.7	452.3	483.6	515.6	534.6	555.4
57,0°	267.8	322.4	365.0	391.6	408.2	415.1	418.8	416.1	422.4	417.3	414.3	424.7	479.9	531.4	561.7
58,0°	260.6	317.0	359.3	386.1	402.1	410.4	415.1	413.1	422.2	419.9	415.5	414.9	427.0	486.6	558.8
59,0°	253.6	311.0	354.1	380.4	396.4	405.7	412.2	411.3	415.3	421.7	417.4	417.7	429.0	464.9	509.8
60,0°	238.6	290.4	343.3	369.8	388.6	399.6	408.7	409.5	410.1	422.2	419.5	422.7	438.2	465.3	494.5
61,0°	181.9	222.4	262.7	285.2	318.6	348.1	384.7	399.7	406.3	416.3	422.4	429.0	448.6	474.1	498.8
62,0°	169.6	209.7	238.9	255.9	267.6	288.1	307.2	325.4	356.6	388.1	420.4	436.4	460.9	485.0	497.4
63,0°	163.4	203.4	233.0	250.0	261.9	273.2	297.2	300.8	303.3	310.1	368.2	417.2	472.7	494.4	481.7
64,0°	158.7	198.2	227.6	244.8	257.0	268.5	291.5	298.1	301.4	304.3	331.1	366.5	425.8	484.6	469.6
65,0°	151.2	184.6	220.6	236.4	251.4	262.0	277.3	294.5	299.4	304.5	320.3	373.1	395.7	400.7	433.1
66,0°	97.4	115.0	143.4	153.1	189.0	204.9	247.8	277.9	294.4	304.5	321.0	378.4	402.3	390.2	350.8
67,0°	86.0	104.3	119.1	128.1	142.5	156.5	165.6	185.7	236.3	268.6	317.9	369.3	406.4	382.0	331.3
68,0°	83.3	101.1	116.4	125.1	132.6	153.2	158.3	165.3	190.5	215.4	245.4	296.5	398.4	370.5	313.0
69,0°	67.1	74.4	99.0	106.3	125.5	142.6	153.9	159.7	183.3	216.7	239.9	262.2	316.3	310.8	290.2
70,0°	17.8	17.3	21.3	20.4	48.3	51.3	93.6	107.3	158.0	199.9	243.8	263.4	273.3	263.3	217.7
71,0°	15.4	15.5	16.0	16.8	35.8	37.9	53.3	63.7	75.1	109.8	187.5	233.3	235.2	238.4	185.2
72,0°	13.9	14.0	14.5	15.2	21.3	36.6	41.9	56.4	72.0	92.7	129.8	152.3	155.8	188.9	157.3

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> <b>59160_51</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
0,0°	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1
2,5°	371.8	371.9	372.6	372.6	373.4	373.5	374.2	374.3	375.0	374.9	375.6	375.7	376.2	376.2	376.6
5,0°	391.4	391.2	391.8	391.3	391.6	391.3	391.6	391.1	391.3	390.7	390.8	390.3	390.5	390.0	390.0
7,5°	412.1	410.7	409.8	407.9	406.6	404.9	403.4	401.7	400.2	398.6	397.1	395.7	394.3	393.1	391.8
10,0°	434.7	430.7	426.9	422.4	418.4	414.0	410.5	406.9	403.5	400.3	397.4	394.7	392.2	390.2	388.2
12,5°	461.0	453.5	447.9	439.6	433.2	425.5	419.8	413.4	408.1	402.9	398.3	394.1	390.2	386.9	383.6
15,0°	479.4	473.7	467.1	458.9	449.9	439.7	430.6	421.2	412.7	404.9	398.0	391.7	386.1	381.2	376.6
17,5°	458.9	457.3	454.1	451.2	446.1	440.4	433.1	424.9	415.3	405.8	396.5	388.1	380.5	374.0	368.3
20,0°	412.5	414.5	412.3	415.0	412.9	415.7	413.8	413.4	407.9	402.1	392.9	384.6	375.8	368.4	361.6
22,5°	371.8	371.8	371.1	373.3	374.2	377.7	379.7	383.8	385.6	386.6	383.5	378.4	371.5	365.0	359.0
25,0°	357.5	351.5	347.1	346.0	344.9	347.8	349.1	354.5	358.1	365.3	368.8	371.0	368.9	365.5	362.0
27,5°	379.9	368.2	357.1	346.8	338.9	333.9	332.3	334.2	338.7	346.5	355.5	364.1	369.3	370.6	370.1
30,0°	417.3	404.8	391.4	373.6	356.1	339.4	329.6	326.2	328.5	335.3	345.7	359.1	370.8	378.0	380.3
32,5°	453.9	444.3	432.7	411.8	389.3	363.6	345.2	332.4	330.1	335.2	347.0	361.6	377.6	388.1	391.9
35,0°	481.9	476.3	463.8	443.9	421.8	396.7	374.4	356.1	348.4	351.7	364.1	377.7	390.6	400.1	402.2
37,5°	500.8	496.0	483.9	468.3	451.9	433.9	418.2	403.0	395.3	391.7	393.6	397.7	402.4	406.7	407.2
40,0°	510.6	505.2	499.3	493.8	491.5	484.7	475.4	459.5	438.5	417.2	403.5	398.3	396.8	399.2	401.9
42,5°	520.3	521.9	529.1	533.2	530.1	518.5	500.7	474.4	441.9	412.3	388.7	381.0	384.0	392.1	400.1
45,0°	548.4	554.1	553.4	546.3	532.7	512.8	485.7	457.2	427.3	401.9	383.0	375.7	379.0	386.8	392.4
46,0°	558.9	560.7	554.6	542.3	524.1	502.5	476.2	450.8	424.9	401.2	381.5	371.8	372.3	378.4	381.6
47,0°	565.7	563.5	551.2	534.3	513.5	491.3	468.4	445.7	421.1	397.6	376.0	363.1	360.0	363.6	364.0
48,0°	568.6	561.5	544.8	526.6	505.0	483.9	461.7	439.2	414.1	390.4	366.8	351.1	344.2	345.4	342.0
49,0°	568.2	556.3	538.0	519.8	498.3	477.0	452.6	430.0	402.1	378.8	351.1	334.0	320.6	321.2	312.0
50,0°	564.7	550.6	533.4	514.8	492.1	468.5	441.8	416.0	386.2	359.9	331.4	310.2	295.2	290.5	281.5
51,0°	560.5	547.5	530.8	510.9	486.0	458.9	427.9	398.0	365.1	337.1	307.3	284.7	267.4	260.2	249.5
52,0°	557.3	547.0	529.4	506.7	477.2	445.0	407.8	373.6	337.7	308.5	278.6	255.7	236.7	227.6	214.0
53,0°	556.8	548.6	528.8	501.6	466.5	427.0	384.7	346.9	309.6	280.3	251.1	228.6	209.1	197.7	182.2
54,0°	558.5	550.9	528.0	494.6	451.4	404.8	357.7	318.0	280.4	251.6	223.3	201.4	182.5	169.4	154.9
55,0°	562.2	553.6	524.8	482.3	428.8	375.7	325.2	285.1	247.0	219.3	192.2	172.5	155.5	143.8	130.6
56,0°	566.4	554.4	517.7	465.7	403.2	347.4	294.4	254.1	215.9	189.7	165.1	149.3	132.6	119.5	103.6
57,0°	570.8	552.5	503.7	444.8	373.0	317.9	261.1	223.8	183.5	162.0	138.3	124.5	103.6	94.7	83.2
58,0°	573.0	545.8	485.6	416.9	344.3	284.7	230.8	191.5	155.6	132.8	111.8	98.9	86.2	78.5	71.1
59,0°	552.6	533.6	462.8	389.2	314.7	254.5	200.5	162.9	127.9	108.0	93.1	83.8	73.6	67.7	62.3
60,0°	488.8	495.5	434.1	357.6	282.3	221.9	169.1	133.4	103.0	88.4	78.1	71.2	63.7	59.3	55.4
61,0°	474.5	427.9	392.7	328.2	252.9	192.9	142.6	110.0	85.7	74.7	67.8	63.2	57.9	54.2	51.6
62,0°	462.5	401.1	330.8	292.5	223.4	164.8	119.7	90.7	71.8	63.7	60.7	58.0	54.1	51.1	48.8
63,0°	444.6	376.1	300.3	239.4	188.7	137.6	98.4	74.0	59.8	56.2	56.0	54.0	50.9	48.3	46.1
64,0°	423.6	351.5	273.9	209.7	150.5	114.6	81.1	61.8	52.8	52.0	52.3	50.8	47.9	45.7	43.7
65,0°	392.4	324.9	243.6	180.5	123.2	91.2	65.6	53.2	48.2	48.6	48.6	47.4	44.6	43.3	41.2
66,0°	320.3	294.2	214.8	152.3	102.3	71.5	54.6	47.5	44.8	45.2	45.4	44.2	41.9	40.6	39.0
67,0°	278.5	237.9	184.3	128.4	83.7	58.7	47.0	44.2	41.9	42.2	42.4	41.4	39.5	38.4	36.9
68,0°	254.0	197.1	135.9	102.4	65.6	48.2	42.0	40.6	39.0	39.0	39.3	38.6	36.8	35.9	34.7
69,0°	223.7	168.2	113.7	77.2	52.7	41.9	38.9	38.5	36.0	36.5	36.9	36.3	34.7	34.1	33.5
70,0°	181.9	143.6	92.5	61.1	41.3	37.1	35.5	35.8	33.1	33.7	33.8	33.8	32.9	32.8	31.9
71,0°	135.1	105.8	74.3	47.2	34.6	32.1	32.4	32.8	30.7	30.6	31.2	31.2	31.3	32.2	30.9
72,0°	111.4	79.3	50.2	36.6	29.5	28.7	29.3	30.0	28.5	28.3	28.5	28.7	29.2	29.6	29.2

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> <b>59160_51</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
0,0°	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1
2,5°	376.6	376.9	376.9	377.2	377.2	377.4	377.2	361.8	360.8	359.8	358.6	357.8	357.1	356.5	355.9
5,0°	389.6	389.7	389.4	389.6	389.5	389.7	389.5	373.1	370.6	368.1	365.4	363.2	361.0	359.1	357.0
7,5°	390.9	389.9	389.2	388.6	388.4	388.0	388.1	391.2	386.5	381.8	376.8	372.3	368.0	363.8	359.3
10,0°	386.5	385.0	383.9	382.8	382.1	381.6	381.5	408.7	400.9	393.0	385.4	378.1	371.4	364.9	358.5
12,5°	381.2	378.6	377.0	374.9	374.1	372.7	373.0	423.1	412.1	401.5	390.9	381.3	372.6	364.4	356.9
15,0°	373.0	369.3	366.9	364.4	363.0	361.7	361.6	430.7	418.8	405.9	394.2	383.5	374.6	366.3	358.9
17,5°	363.7	359.6	356.6	354.0	352.3	350.9	350.7	417.0	405.0	391.2	380.2	370.4	363.4	356.9	352.4
20,0°	356.4	351.8	348.7	345.9	344.5	343.2	343.1	392.6	381.0	365.3	354.4	342.8	335.7	327.3	324.0
22,5°	354.0	349.8	346.6	344.6	343.3	342.9	342.6	379.6	367.3	351.0	337.0	323.0	310.5	297.6	287.8
25,0°	358.5	356.7	354.2	353.6	352.6	353.2	352.6	386.7	372.9	355.4	337.0	316.9	296.5	274.3	251.0
27,5°	368.9	368.1	367.0	366.3	365.7	365.6	365.5	410.3	397.2	377.1	355.2	328.3	299.5	263.2	219.3
30,0°	379.7	378.9	377.6	376.6	375.5	374.9	374.5	429.4	416.7	395.8	372.0	340.8	305.4	252.1	201.4
32,5°	389.8	386.5	382.7	379.7	377.4	375.3	374.6	434.8	420.5	397.0	370.7	335.6	289.1	228.3	185.4
35,0°	396.6	389.5	382.8	377.7	374.3	371.5	370.5	430.5	411.2	383.1	352.0	311.4	252.8	198.0	171.5
37,5°	400.8	391.4	383.3	377.4	373.5	370.7	369.4	421.8	394.8	360.6	324.5	270.3	210.0	172.1	157.9
40,0°	399.2	391.3	384.0	378.9	375.8	374.4	373.4	412.5	376.3	335.4	293.0	224.7	173.1	152.6	151.2
42,5°	402.3	397.5	393.2	391.0	389.9	389.9	389.4	401.0	355.2	307.9	254.4	181.0	147.3	142.0	146.3
45,0°	393.8	389.5	386.9	385.3	385.3	385.7	385.7	386.7	332.6	279.1	211.8	146.5	130.9	135.8	134.4
46,0°	381.9	377.2	374.9	373.2	373.8	374.0	374.5	379.6	322.7	267.3	195.4	136.0	127.5	131.3	130.6
47,0°	362.8	357.5	355.4	353.4	354.5	354.2	355.5	370.9	311.8	253.9	178.7	126.4	124.6	125.6	126.9
48,0°	339.9	333.0	331.1	327.4	329.0	327.3	329.7	361.9	301.0	241.1	164.4	119.2	121.4	120.9	124.2
49,0°	311.4	299.7	299.8	290.8	296.1	290.1	296.1	351.2	289.2	226.2	150.8	113.3	117.1	116.1	122.3
50,0°	276.4	264.8	258.9	249.8	250.8	246.4	249.8	340.4	275.8	212.4	136.9	109.5	111.2	112.5	120.3
51,0°	238.8	220.9	213.7	204.7	204.9	200.6	203.0	328.9	263.1	198.3	125.2	105.9	105.7	109.1	118.4
52,0°	197.1	179.0	172.2	165.1	165.3	162.3	163.7	315.7	248.2	182.6	113.6	100.7	98.5	104.0	115.7
53,0°	164.8	148.9	142.5	136.7	135.8	133.0	134.2	278.9	222.4	162.4	103.9	93.2	90.5	95.8	108.6
54,0°	138.1	124.4	118.9	120.2	113.3	111.5	112.1	234.0	182.1	131.2	87.0	80.7	82.3	92.4	101.9
55,0°	116.6	103.4	98.3	99.0	93.4	91.1	92.0	220.3	166.8	116.6	78.9	69.3	68.7	82.5	95.7
56,0°	94.2	86.0	82.6	79.7	79.0	77.1	77.9	211.1	157.4	107.5	72.7	60.8	58.7	68.4	84.0
57,0°	79.0	72.3	70.8	68.0	68.3	65.9	67.3	202.0	148.6	99.3	68.2	56.1	54.2	60.1	68.6
58,0°	67.4	63.5	61.6	60.5	60.3	59.0	58.9	194.1	139.7	93.1	63.5	52.8	51.6	57.8	59.6
59,0°	60.0	56.8	55.6	54.8	54.7	53.9	53.4	186.1	132.0	87.7	59.1	49.7	49.3	55.7	55.7
60,0°	53.9	51.7	51.0	51.1	51.2	50.6	50.1	169.5	122.3	81.5	54.3	46.4	47.0	53.0	52.2
61,0°	50.6	48.9	48.6	48.8	48.9	48.1	47.9	131.7	95.2	67.7	48.5	43.0	44.7	50.2	49.5
62,0°	47.8	46.5	46.2	46.6	46.5	45.7	45.7	123.0	87.3	62.3	44.4	40.0	42.5	47.2	46.5
63,0°	45.2	44.1	43.8	44.3	44.3	43.3	43.3	117.1	80.6	54.2	38.4	35.4	39.2	43.6	43.7
64,0°	43.0	42.1	42.0	42.3	42.8	41.2	41.0	112.4	73.6	46.9	34.5	31.9	35.1	37.8	38.7
65,0°	41.0	40.0	40.1	40.2	40.6	38.6	38.6	102.4	64.6	39.3	31.2	29.1	32.7	34.7	34.8
66,0°	38.7	38.1	38.3	38.5	37.8	36.2	36.2	68.9	44.6	32.2	27.3	26.4	30.0	32.2	32.1
67,0°	36.7	36.3	36.8	36.0	35.1	33.9	33.8	63.1	39.0	28.7	24.3	24.0	27.4	29.4	29.4
68,0°	34.7	34.7	34.1	33.0	32.1	31.1	31.1	59.9	35.2	25.2	20.9	21.0	24.0	25.9	26.4
69,0°	32.9	32.5	31.5	30.3	29.4	28.4	28.5	45.4	29.7	22.1	18.9	19.0	20.7	21.7	22.0
70,0°	31.5	30.3	29.1	27.7	27.1	26.0	26.3	16.6	17.1	16.6	16.9	17.0	18.6	19.2	19.6
71,0°	29.5	28.2	26.8	25.4	24.7	24.0	24.3	15.1	15.0	14.8	15.2	15.4	16.6	17.3	17.5
72,0°	28.0	26.2	24.7	23.2	22.4	21.9	22.1	13.5	13.4	13.3	13.4	13.6	13.9	14.4	15.2

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> <b>59160_51</b>
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### Table of values for luminous intensities Maximum luminous intensity

C-planes	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Luminous intensity in cd/klm														
0,0°	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1
2,5°	355.0	354.2	353.2	352.5	351.8	351.0	349.9	349.4	348.5	348.1	347.3	346.9	346.0	345.6	344.9
5,0°	354.5	352.0	349.7	347.7	345.6	343.5	341.2	339.2	337.2	335.9	334.1	332.8	331.1	330.2	328.5
7,5°	354.9	350.6	346.5	342.9	339.4	336.0	332.4	329.2	325.9	323.1	319.9	317.2	314.0	311.8	308.8
10,0°	352.3	346.6	341.3	336.2	331.2	326.0	320.5	315.6	310.5	306.4	301.8	298.0	293.7	290.2	285.7
12,5°	349.8	343.2	336.2	330.0	323.1	316.5	309.7	303.7	295.7	288.8	278.8	271.7	261.4	255.6	245.9
15,0°	351.5	343.9	336.0	328.0	320.1	310.3	297.8	285.3	272.1	260.8	248.9	239.5	229.9	222.7	215.9
17,5°	347.5	342.4	336.1	326.7	313.4	297.8	282.7	268.8	256.4	245.8	236.5	228.0	219.7	211.5	202.5
20,0°	318.5	315.7	305.3	298.8	286.9	280.2	272.3	265.1	256.0	245.5	232.6	219.9	205.7	194.6	182.4
22,5°	273.6	259.4	245.8	241.2	241.2	247.4	250.6	251.0	244.6	233.4	218.0	203.2	189.0	178.6	169.9
25,0°	219.6	200.4	186.4	191.1	196.1	206.3	208.7	213.3	209.2	205.2	196.7	191.2	181.6	170.7	157.0
27,5°	180.5	157.6	149.8	151.4	155.6	162.1	167.5	172.0	176.5	179.5	175.8	168.6	157.6	146.3	134.5
30,0°	165.7	149.4	140.5	134.8	131.9	132.6	137.9	149.5	151.2	147.9	142.2	137.2	131.9	129.2	123.0
32,5°	162.8	150.7	143.8	139.1	133.3	133.1	132.2	126.3	119.8	118.8	119.3	119.6	114.9	111.8	109.4
35,0°	157.6	153.0	149.9	141.5	141.0	134.0	121.4	110.8	106.1	104.6	102.0	101.0	101.4	97.7	92.2
37,5°	155.9	153.7	145.9	145.4	136.7	121.9	111.5	104.1	96.1	90.3	87.6	85.1	82.7	82.9	83.0
40,0°	152.7	146.0	147.4	138.5	121.9	112.7	103.8	91.4	84.0	80.6	77.5	76.4	75.7	76.2	77.1
42,5°	142.4	144.9	139.2	121.6	112.2	101.8	88.1	82.2	78.5	75.5	73.0	71.5	70.9	71.4	71.9
45,0°	137.0	140.0	121.2	110.6	100.9	85.9	80.0	76.6	73.7	71.5	69.5	68.2	67.7	67.2	67.9
46,0°	136.0	134.1	114.7	107.1	94.2	81.6	77.4	74.3	71.7	70.0	68.3	67.5	66.3	66.1	66.5
47,0°	134.7	126.4	109.3	102.5	87.1	78.1	74.3	71.6	69.8	68.5	67.2	66.7	65.3	64.9	65.1
48,0°	132.1	119.1	105.5	96.7	81.5	75.1	71.4	69.3	68.1	67.3	66.3	65.7	64.6	63.9	64.1
49,0°	127.5	112.3	101.9	90.7	76.6	72.0	68.6	67.3	66.5	65.8	65.3	64.6	63.6	63.4	63.2
50,0°	121.9	106.2	97.9	83.9	73.0	68.5	66.3	65.4	65.1	64.6	64.4	63.6	62.8	62.5	62.5
51,0°	115.4	101.3	92.8	78.3	69.4	65.8	64.2	63.7	63.6	63.3	63.2	62.5	61.9	61.7	61.8
52,0°	108.0	96.5	86.6	72.6	65.9	63.1	62.2	62.1	61.9	62.0	61.7	61.3	60.9	60.7	60.9
53,0°	99.7	92.4	80.6	68.1	63.0	61.1	60.4	60.5	60.4	60.8	60.5	60.3	59.8	59.7	59.9
54,0°	91.4	86.0	74.0	64.2	60.5	59.2	58.8	59.0	58.8	59.4	59.2	59.2	58.7	58.7	58.8
55,0°	85.9	79.2	65.9	59.5	58.0	57.3	57.0	57.3	57.2	58.0	57.6	57.8	57.6	57.6	57.6
56,0°	80.4	73.7	60.9	55.8	54.8	55.4	55.3	55.7	55.9	56.4	56.4	56.5	56.4	56.5	56.3
57,0°	68.9	67.7	56.2	53.3	51.9	52.6	53.0	54.0	54.3	54.9	54.8	55.2	55.2	55.4	55.1
58,0°	58.4	56.8	51.8	50.8	49.9	50.4	50.6	51.8	52.7	52.9	53.5	53.8	54.0	54.2	53.9
59,0°	54.0	48.6	46.4	47.6	47.9	48.5	48.7	49.1	50.4	51.4	51.9	52.3	52.5	52.9	52.8
60,0°	50.5	43.9	41.7	43.6	44.9	46.1	46.7	47.1	47.5	49.2	50.3	50.8	50.8	51.4	51.6
61,0°	46.8	40.9	39.0	40.0	42.7	43.6	44.4	45.1	45.5	46.6	48.4	49.3	49.4	49.8	50.2
62,0°	43.2	38.3	37.1	37.3	40.7	41.6	42.1	43.0	43.7	44.9	45.6	47.6	47.7	48.4	48.6
63,0°	39.6	35.6	34.8	35.4	38.2	39.4	40.1	40.6	41.2	42.8	43.7	44.6	45.7	46.5	46.5
64,0°	35.6	33.3	32.8	34.0	35.9	36.8	38.1	39.0	39.3	40.6	41.8	42.4	43.2	44.6	44.8
65,0°	31.4	30.5	30.4	32.9	33.8	34.7	35.4	37.2	37.5	38.3	38.9	40.2	41.0	42.5	42.9
66,0°	29.0	28.3	28.3	30.8	31.6	32.7	33.3	34.7	35.1	36.1	36.7	37.9	38.9	40.1	41.2
67,0°	26.7	26.6	26.8	29.2	29.6	30.5	31.5	32.6	32.7	33.9	34.8	35.8	36.6	38.1	39.0
68,0°	24.1	24.5	25.1	26.8	27.3	28.3	28.8	30.2	30.5	31.6	32.3	33.7	34.2	35.7	37.1
69,0°	21.2	22.2	23.5	25.1	25.4	25.8	26.5	27.7	28.3	29.6	30.3	31.5	32.4	33.2	35.4
70,0°	18.9	19.8	21.1	23.0	23.4	23.9	24.3	25.6	26.1	27.3	27.9	29.3	29.9	31.3	33.3
71,0°	17.3	17.8	19.1	20.2	20.8	21.4	22.5	23.4	24.0	25.0	25.4	27.1	28.0	29.3	31.5
72,0°	15.3	16.1	17.2	18.1	18.6	19.1	20.0	21.2	21.8	22.7	23.5	24.9	25.8	27.3	28.8

# Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> <b>59160_51</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm													Luminous flux in lm/klm	
0,0°	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	360.1	0.5	0.5
2,5°	344.7	344.2	344.0	343.5	343.5	342.9	342.9	342.4	342.6	342.2	342.5	342.2	342.4	4.3	4.9
5,0°	327.7	326.4	325.7	324.3	324.0	322.8	322.7	321.8	321.9	321.2	321.5	321.0	321.3	8.7	13.6
7,5°	307.1	304.5	302.9	300.8	299.6	297.7	297.0	295.7	295.5	294.6	294.8	294.1	294.6	13.1	26.7
10,0°	282.0	277.0	273.5	268.5	265.5	261.2	259.4	256.0	255.0	252.7	252.7	251.0	251.8	17.4	44.0
12,5°	241.1	232.6	228.9	221.7	219.2	213.6	212.5	208.3	208.3	205.2	206.0	203.7	205.2	21.4	65.4
15,0°	211.0	205.7	201.4	196.3	192.3	187.6	184.9	181.3	179.7	177.1	176.6	175.0	175.6	25.3	90.7
17,5°	194.5	186.2	179.3	172.8	167.6	162.4	158.4	154.7	152.2	149.8	148.6	147.5	147.5	28.3	119.0
20,0°	173.7	164.0	157.6	151.2	147.7	144.8	142.6	140.2	138.4	136.2	135.5	134.1	134.4	30.1	149.1
22,5°	162.8	155.5	148.7	141.1	135.2	129.3	125.0	120.4	117.7	114.7	113.4	111.8	112.1	31.4	180.5
25,0°	146.6	134.3	126.5	117.7	112.7	107.3	104.8	103.0	101.7	102.1	101.3	102.4	101.5	33.1	213.6
27,5°	125.7	119.4	114.9	111.2	107.7	104.2	101.3	98.8	97.1	95.9	95.2	94.7	94.6	36.1	249.7
30,0°	116.2	109.3	105.1	102.5	101.1	100.4	99.2	96.3	93.8	90.6	89.1	87.4	87.4	39.6	289.3
32,5°	107.2	102.0	97.1	91.2	87.2	84.2	82.5	81.0	80.1	79.2	78.7	78.4	78.4	43.0	332.3
35,0°	89.4	87.5	85.6	83.7	81.9	80.5	79.0	77.5	76.4	75.6	75.0	74.6	74.4	46.3	378.6
37,5°	82.8	82.1	81.1	79.8	78.4	77.1	76.0	74.9	74.1	73.2	72.5	71.9	71.7	49.6	428.2
40,0°	77.6	77.4	77.5	76.7	76.0	74.8	73.9	72.9	72.1	71.1	70.3	69.6	69.5	52.6	480.8
42,5°	73.2	74.1	74.5	74.4	74.0	73.2	72.3	71.4	70.5	69.4	68.5	67.8	67.6	55.4	536.2
45,0°	69.0	70.4	71.5	71.6	71.5	71.1	70.4	69.5	68.5	67.3	66.2	65.4	65.1	39.8	576.0
46,0°	67.7	69.0	70.2	70.8	70.8	70.0	69.2	68.5	67.7	66.6	65.4	64.5	64.2	23.0	599.0
47,0°	66.3	67.8	69.1	69.9	69.5	68.9	68.6	67.8	66.8	65.7	64.6	63.6	63.3	23.0	622.0
48,0°	65.2	66.6	68.2	68.4	68.6	68.3	67.9	67.0	66.1	65.0	63.7	62.6	62.4	22.9	644.9
49,0°	64.2	65.4	66.8	67.7	67.8	67.4	67.2	66.3	65.4	64.0	62.7	61.5	61.3	22.6	667.5
50,0°	63.1	64.3	65.7	66.6	66.8	66.6	66.2	65.4	64.4	62.9	61.5	60.3	60.0	22.2	689.7
51,0°	62.2	63.3	64.6	65.6	65.9	65.7	65.3	64.4	63.2	61.7	60.2	59.0	58.7	21.7	711.5
52,0°	61.4	62.3	63.4	64.5	64.8	64.6	64.0	63.1	61.9	60.4	58.9	57.5	57.1	21.1	732.6
53,0°	60.6	61.3	62.4	63.2	63.7	63.5	62.9	61.8	60.6	59.2	57.5	56.1	55.8	20.4	753.0
54,0°	59.5	60.4	61.3	62.1	62.5	62.2	61.7	60.7	59.3	57.7	56.0	54.7	54.3	19.3	772.3
55,0°	58.3	59.3	60.2	60.8	61.2	60.8	60.4	59.3	57.8	56.2	54.6	53.1	52.7	18.3	790.6
56,0°	57.0	57.8	59.3	59.8	60.2	59.8	59.2	57.9	56.6	55.0	53.3	51.8	51.4	17.5	808.1
57,0°	55.7	56.3	58.0	58.8	59.3	58.7	58.0	56.6	55.4	53.5	51.9	50.1	49.9	16.8	824.9
58,0°	54.1	55.0	56.3	57.5	58.3	57.7	56.6	55.4	53.8	52.0	50.5	48.7	48.3	16.2	841.1
59,0°	52.9	53.2	54.6	56.0	57.2	56.5	55.5	54.0	52.3	50.5	48.9	47.4	47.0	15.6	856.7
60,0°	51.6	51.4	52.7	54.0	55.3	55.0	54.0	52.4	50.7	48.9	47.4	45.9	45.5	15.0	871.6
61,0°	50.2	49.8	50.6	52.0	53.3	53.4	52.5	51.0	49.3	47.5	46.0	44.9	44.6	13.9	885.5
62,0°	48.6	48.1	48.6	50.0	51.5	51.6	51.0	49.7	47.8	45.9	44.5	43.8	43.7	13.0	898.5
63,0°	46.6	46.4	46.8	47.7	49.5	49.7	49.3	48.3	46.2	44.0	42.6	42.1	42.2	12.2	910.7
64,0°	45.0	44.9	45.3	46.0	47.5	47.6	47.5	46.4	44.3	42.1	41.0	40.6	40.8	11.6	922.3
65,0°	43.5	43.5	44.0	44.2	45.4	45.4	45.2	43.7	42.2	40.0	39.2	38.8	39.3	10.9	933.2
66,0°	42.1	42.6	42.8	42.6	43.1	43.0	42.4	41.2	40.0	38.1	37.4	36.9	37.3	9.7	942.9
67,0°	40.8	41.5	41.9	41.1	40.9	40.3	39.9	38.9	38.1	36.2	35.5	34.8	35.3	8.7	951.7
68,0°	39.2	40.3	40.2	39.0	37.9	37.0	36.8	35.9	35.3	33.8	32.6	32.0	32.2	7.9	959.5
69,0°	37.7	38.5	37.9	36.4	35.1	34.0	33.7	32.6	32.1	30.5	30.0	29.1	29.4	7.1	966.6
70,0°	35.8	35.7	35.1	33.7	32.3	30.2	30.2	29.3	29.0	27.7	27.3	26.6	27.1	5.7	972.3
71,0°	32.6	33.0	32.3	30.9	29.1	27.1	26.7	26.6	25.8	25.7	24.9	24.0	24.1	4.7	976.9
72,0°	29.4	30.0	29.6	27.6	25.7	23.6	23.0	24.0	23.0	24.0	22.1	21.0	21.0	3.9	980.8

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> <b>59160_51</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
73,0°	12.4	12.6	13.0	13.4	14.2	34.1	35.7	53.1	71.5	83.0	116.5	144.1	123.0	99.7	104.7
74,0°	11.3	11.9	12.0	12.3	12.8	24.6	32.3	43.4	59.1	77.6	102.4	128.2	111.1	83.7	80.6
75,0°	10.3	13.4	11.5	11.8	11.8	13.0	29.2	32.3	51.0	74.2	88.0	102.2	98.9	67.5	55.0
76,0°	9.4	11.3	11.7	11.9	12.4	12.5	24.0	26.0	48.1	63.6	67.1	74.6	82.3	48.8	33.1
77,0°	8.7	8.9	9.7	9.9	10.8	10.6	14.0	20.2	33.9	41.4	55.6	57.4	57.0	33.9	24.2
78,0°	8.0	8.3	8.6	8.7	9.0	9.1	9.9	14.0	18.3	27.0	41.1	35.3	35.2	22.8	17.9
79,0°	8.0	8.1	8.3	8.6	8.8	9.0	10.0	11.3	13.9	19.8	25.0	21.1	20.7	15.8	13.4
80,0°	7.8	8.0	8.1	8.3	8.4	8.6	9.0	9.9	12.9	14.7	15.9	14.1	13.8	11.9	10.7
81,0°	7.3	7.5	7.7	7.9	8.0	8.1	8.3	8.8	9.7	11.1	12.1	10.7	10.1	9.3	9.2
82,0°	6.7	6.8	7.0	7.1	7.3	7.5	7.7	8.0	8.5	9.2	9.7	8.9	8.6	8.4	8.3
83,0°	5.9	6.0	6.2	6.4	6.6	6.8	7.0	7.1	7.5	7.8	8.0	7.8	7.8	7.6	7.6
84,0°	5.0	5.1	5.4	5.6	5.9	5.9	6.2	6.3	6.6	6.8	7.0	6.9	6.9	6.9	6.9
85,0°	4.1	4.3	4.7	4.7	5.0	5.2	5.5	5.6	5.9	5.9	6.2	6.2	6.3	6.2	6.3
86,0°	3.3	3.4	3.7	3.9	4.3	4.3	4.8	4.8	5.2	5.2	5.5	5.5	5.7	5.6	5.7
87,0°	2.5	2.7	2.9	3.2	3.5	3.7	3.9	4.2	4.5	4.7	4.8	4.9	5.1	5.1	5.1
88,0°	1.7	1.9	2.2	2.5	2.8	3.0	3.4	3.6	3.9	4.1	4.4	4.5	4.7	4.8	4.8
89,0°	1.0	1.2	1.6	1.7	2.1	2.4	2.7	3.0	3.4	3.6	3.8	4.0	4.2	4.4	4.5
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

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> <b>59160_51</b>
		<b>siteco</b>

C-planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
<b>73,0°</b>	80.5	59.0	37.5	28.3	25.4	25.6	26.3	27.2	26.5	26.1	26.3	26.5	27.0	26.7	26.4
<b>74,0°</b>	50.8	36.5	27.8	23.6	23.0	23.4	24.0	24.9	24.6	24.4	24.8	25.0	24.8	24.6	23.9
<b>75,0°</b>	35.4	25.6	20.2	20.5	21.6	22.3	22.6	22.9	22.5	22.8	22.6	22.8	22.1	22.4	21.6
<b>76,0°</b>	25.0	19.5	16.8	17.8	19.6	21.2	22.1	21.9	20.7	20.9	20.2	20.1	19.0	19.8	18.9
<b>77,0°</b>	18.7	15.7	14.4	15.1	16.3	18.5	19.9	20.2	19.1	19.2	18.2	17.8	16.6	17.2	16.1
<b>78,0°</b>	14.2	13.1	12.4	13.0	13.4	14.9	15.6	17.4	16.8	17.4	15.8	15.3	13.9	14.4	13.2
<b>79,0°</b>	11.7	11.2	11.0	11.2	11.6	12.3	12.5	13.2	13.6	15.2	14.3	13.3	11.5	11.6	10.8
<b>80,0°</b>	10.2	9.9	9.7	9.9	10.0	10.2	10.0	10.2	10.9	12.3	12.5	12.1	9.8	9.4	8.8
<b>81,0°</b>	9.0	8.7	8.6	8.7	8.5	8.6	8.3	8.2	8.9	10.1	10.4	9.9	8.0	7.5	7.1
<b>82,0°</b>	8.1	7.9	7.7	7.9	7.5	7.4	7.1	7.1	7.2	8.0	8.4	7.9	6.5	6.0	5.9
<b>83,0°</b>	7.4	7.3	7.0	7.0	6.7	6.4	6.1	6.0	6.1	6.4	6.6	6.1	5.3	4.9	4.8
<b>84,0°</b>	6.7	6.7	6.3	6.3	5.8	5.6	5.3	5.2	5.0	5.0	5.0	4.8	4.2	4.0	3.7
<b>85,0°</b>	6.1	5.9	5.8	5.6	5.2	5.0	4.7	4.5	4.3	4.1	3.8	3.7	3.5	3.4	3.1
<b>86,0°</b>	5.5	5.5	5.2	5.0	4.7	4.5	4.1	3.9	3.7	3.6	3.2	3.2	2.8	2.8	2.5
<b>87,0°</b>	5.0	5.0	4.8	4.6	4.3	4.1	3.7	3.6	3.3	3.2	2.8	2.7	2.5	2.3	2.1
<b>88,0°</b>	4.8	4.7	4.5	4.3	3.9	3.7	3.5	3.4	3.0	2.8	2.7	2.5	2.2	2.0	1.7
<b>89,0°</b>	4.5	4.4	4.3	4.1	3.7	3.6	3.4	3.0	2.8	2.7	2.4	2.2	1.9	1.7	1.6
<b>90,0°</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> <b>59160_51</b>
		<b>siteco</b>

C-planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
<b>73,0°</b>	26.1	24.4	22.6	21.0	20.1	19.4	19.4	12.2	12.1	11.9	12.1	12.1	12.3	12.5	13.1
<b>74,0°</b>	24.0	22.4	20.8	19.0	18.0	17.2	17.2	11.1	11.1	10.9	11.0	11.0	11.2	11.3	11.8
<b>75,0°</b>	21.6	20.3	18.9	17.0	16.0	15.0	15.0	10.1	10.0	9.9	10.0	9.9	10.1	10.2	10.6
<b>76,0°</b>	19.1	17.4	16.2	14.4	13.5	12.4	12.4	9.1	9.1	8.9	8.9	8.8	9.1	9.1	9.4
<b>77,0°</b>	16.4	14.5	13.6	12.3	11.4	10.3	10.2	8.3	8.3	8.1	8.1	8.0	8.3	8.3	8.5
<b>78,0°</b>	13.8	12.0	11.3	10.2	9.7	8.5	8.6	8.0	7.9	7.7	7.6	7.5	7.7	7.6	7.9
<b>79,0°</b>	11.2	10.1	9.4	8.4	7.8	7.0	6.8	7.9	7.7	7.5	7.4	7.2	7.4	7.3	7.5
<b>80,0°</b>	9.1	8.2	7.8	7.0	6.5	5.9	5.7	7.6	7.5	7.3	7.2	7.1	7.1	7.1	7.1
<b>81,0°</b>	7.1	6.6	6.2	5.9	5.4	4.8	4.8	7.1	7.0	6.9	6.8	6.7	6.7	6.7	6.7
<b>82,0°</b>	5.9	5.3	5.0	4.8	4.4	3.9	3.8	6.4	6.4	6.2	6.1	6.0	6.1	6.0	6.1
<b>83,0°</b>	4.8	4.3	4.1	3.7	3.6	3.1	3.1	5.7	5.6	5.4	5.4	5.4	5.4	5.3	5.4
<b>84,0°</b>	3.7	3.4	3.2	2.8	2.7	2.3	2.2	4.7	4.7	4.5	4.6	4.5	4.5	4.5	4.7
<b>85,0°</b>	3.0	2.7	2.5	2.2	2.0	1.6	1.6	3.8	3.8	3.7	3.7	3.7	3.8	3.7	3.9
<b>86,0°</b>	2.5	2.1	1.9	1.6	1.5	1.2	1.1	2.9	3.1	2.9	3.0	2.9	3.1	3.1	3.3
<b>87,0°</b>	1.9	1.6	1.6	1.2	1.1	0.7	0.7	2.2	2.3	2.2	2.3	2.3	2.4	2.5	2.7
<b>88,0°</b>	1.6	1.4	1.2	1.0	0.8	0.5	0.5	1.6	1.6	1.6	1.6	1.7	1.8	2.0	2.1
<b>89,0°</b>	1.4	1.2	1.0	0.8	0.5	0.4	0.4	0.9	1.0	1.0	1.1	1.2	1.3	1.5	1.6
<b>90,0°</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> <b>59160_51</b>
		<b>siteco</b>

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°	13.4	13.9	14.8	16.0	16.7	17.2	17.7	18.7	19.3	20.7	21.3	22.6	23.0	24.6	25.5
74,0°	11.9	12.5	13.2	14.0	14.7	15.5	16.0	16.8	17.2	18.6	19.3	20.6	20.7	21.9	22.4
75,0°	10.8	11.3	11.8	12.5	13.3	13.9	14.1	15.1	15.5	16.5	16.7	17.5	17.7	19.2	19.8
76,0°	9.6	10.1	10.4	11.1	11.7	12.3	12.6	13.2	13.3	13.7	13.8	14.6	15.6	17.6	18.1
77,0°	8.7	9.0	9.3	10.0	10.3	11.0	11.2	11.6	11.5	11.5	11.8	12.6	13.2	14.9	15.8
78,0°	7.9	8.1	8.2	8.9	9.1	9.8	9.7	10.0	9.8	9.9	10.0	10.5	10.6	11.8	12.7
79,0°	7.5	7.6	7.6	7.9	8.0	8.4	8.2	8.3	8.4	8.3	8.4	8.5	8.6	9.1	9.8
80,0°	7.1	7.1	7.1	7.2	7.3	7.4	7.2	7.2	7.3	7.2	7.2	7.2	7.0	7.3	7.4
81,0°	6.7	6.7	6.6	6.5	6.5	6.6	6.5	6.5	6.3	6.1	6.1	5.9	5.6	5.9	5.8
82,0°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.5	5.2	5.1	4.9	4.7	4.6	4.4
83,0°	5.4	5.4	5.2	5.2	5.2	5.2	5.0	4.9	4.8	4.7	4.5	4.1	3.8	3.7	3.4
84,0°	4.7	4.7	4.7	4.7	4.5	4.5	4.3	4.3	4.1	3.9	3.7	3.4	3.1	2.9	2.7
85,0°	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.7	3.6	3.4	3.2	2.9	2.6	2.3	2.0
86,0°	3.2	3.4	3.4	3.5	3.4	3.4	3.2	3.2	3.0	3.0	2.7	2.4	2.0	1.6	1.3
87,0°	2.7	2.8	2.8	3.0	3.0	3.0	2.8	2.8	2.7	2.6	2.3	2.0	1.6	1.4	1.1
88,0°	2.3	2.5	2.5	2.7	2.7	2.7	2.7	2.6	2.5	2.4	2.1	1.8	1.5	1.2	0.9
89,0°	1.8	1.9	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.9	1.6	1.3	1.1	0.7
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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°	26.4	26.6	26.6	23.7	22.4	20.4	19.5	21.4	20.8	20.9	19.5	18.4	18.7	3.2	984.0
74,0°	23.5	23.8	23.3	20.1	18.8	17.4	16.1	17.1	17.6	14.7	14.3	13.6	14.1	2.8	986.8
75,0°	21.0	21.0	20.5	17.3	14.7	13.2	12.8	13.3	14.1	11.5	11.0	10.3	10.4	2.4	989.2
76,0°	18.9	18.4	17.7	15.1	12.5	11.2	11.0	10.6	11.2	9.2	8.4	7.5	7.5	2.0	991.3
77,0°	16.8	16.0	15.4	13.3	11.5	9.4	9.0	8.3	8.1	6.7	6.0	5.6	5.7	1.6	992.9
78,0°	14.0	13.1	12.4	10.3	9.0	7.6	7.6	6.2	5.8	4.6	4.1	3.5	3.8	1.3	994.2
79,0°	10.8	10.6	10.1	8.1	7.0	5.9	5.5	4.5	3.9	3.1	2.6	2.0	2.2	1.1	995.3
80,0°	8.3	8.2	8.3	6.5	5.5	4.8	4.3	3.4	2.8	2.2	1.7	1.3	1.5	0.9	996.1
81,0°	6.1	6.1	6.1	5.0	4.3	3.8	3.1	2.6	2.1	1.7	1.4	1.1	1.1	0.7	996.9
82,0°	4.5	4.7	4.6	3.8	3.2	2.9	2.4	1.9	1.6	1.3	1.1	0.9	0.9	0.6	997.5
83,0°	3.3	3.3	3.3	2.7	2.4	2.0	1.7	1.5	1.3	0.9	0.9	0.7	0.7	0.6	998.1
84,0°	2.4	2.2	2.3	1.7	1.6	1.4	1.2	1.1	0.9	0.5	0.7	0.7	0.7	0.5	998.5
85,0°	1.9	1.6	1.5	1.1	1.1	0.9	0.8	0.7	0.6	0.4	0.7	0.6	0.7	0.4	998.9
86,0°	1.3	1.1	0.9	0.7	0.7	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.3	999.3
87,0°	0.8	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.3	999.5
88,0°	0.7	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.2	999.8
89,0°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.2	1000.0
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

## Photometric test report

<b>Family</b> Streetlight 21 mini LED	<b>Order number: 5XE2B42B08HA + 5XEBLE2086</b> <b>EAN: 4058352424209 + 4058352478974</b>	<b>LP number</b> 59160_51
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	7840	66.0	68.9	67.4
95	94	7467	61.9	64.7	63.3
90	88	7078	57.9	60.5	59.2
85	82	6674	53.9	56.4	55.2
80	76	6264	50.0	52.2	51.1
75	71	5909	46.7	48.8	47.8
70	65	5477	42.9	44.7	43.8
65	60	5107	39.7	41.3	40.5
60	55	4732	36.4	37.9	37.2
55	50	4347	33.3	34.7	34.0
50	45	3953	30.1	31.3	30.7
45	40	3553	27.0	28.0	27.5
40	35	3143	23.9	24.8	24.4
35	30	2723	20.7	21.6	21.2
30	26	2382	18.3	18.9	18.6
25	21	1949	15.1	15.7	15.4
20	17	1596	12.7	13.2	13.0
15	12	1146	9.7	10.0	9.8
13	11	1055	9.1	9.4	9.2

<b>Dimming levels table</b>	environmental temperature: 5°C
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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	8050	66.8	69.7	68.2
95	94	7656	62.7	65.5	64.1
90	88	7248	58.7	61.2	60.0
85	82	6827	54.6	57.1	55.8
80	77	6471	51.3	53.6	52.4
75	71	6032	47.3	49.4	48.3
70	66	5660	44.1	46.0	45.0
65	60	5204	40.2	41.9	41.0
60	55	4817	36.9	38.5	37.7
55	50	4421	33.8	35.2	34.5
50	45	4018	30.5	31.8	31.2
45	40	3609	27.4	28.4	27.9
40	35	3190	24.2	25.1	24.6
35	31	2848	21.7	22.5	22.1
30	26	2414	18.5	19.2	18.8
25	21	1974	15.4	16.0	15.7
20	17	1615	12.9	13.4	13.2
16	13	1251	10.4	10.8	10.6
13	11	1067	9.2	9.5	9.4

## Photometric test report

<b>Family</b> Streetlight 21 mini LED	<b>Order number:</b> 5XE2B42B08HA + 5XEBLE2086 <b>EAN:</b> 4058352424209 + 4058352478974	<b>LP number</b> 59160_51
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<b>Dimming levels table</b>	environmental temperature: 15°C	<b>sITeco</b>
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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	7950	66.4	69.3	67.8
95	94	7566	62.3	65.1	63.7
90	88	7167	58.3	60.9	59.6
85	82	6755	54.3	56.7	55.5
80	76	6335	50.4	52.5	51.4
75	71	5973	47.0	49.1	48.0
70	65	5533	43.1	45.0	44.0
65	60	5158	39.9	41.6	40.8
60	55	4777	36.7	38.2	37.4
55	50	4386	33.5	34.9	34.2
50	45	3987	30.3	31.5	30.9
45	40	3582	27.2	28.2	27.7
40	35	3168	24.0	24.9	24.4
35	30	2743	20.8	21.7	21.2
30	26	2399	18.4	19.1	18.8
25	21	1962	15.3	15.8	15.6
20	17	1606	12.8	13.3	13.0
15	12	1153	9.7	10.0	9.8
13	11	1062	9.1	9.5	9.3

**Photometric test report**

<b>Family</b> Streetlight 21 mini LED	<b>Order number:</b> 5XE2B42B08HA + 5XEBLE2086 <b>EAN:</b> 4058352424209 + 4058352478974	<b>LP number</b> 59160_51
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**Luminousfluxs table** **siteco**

Temperature °C	Luminous flux lm	Power consumption W
25.0	7840.0	66.0
5.0	8050.0	66.8
15.0	7950.0	66.4