
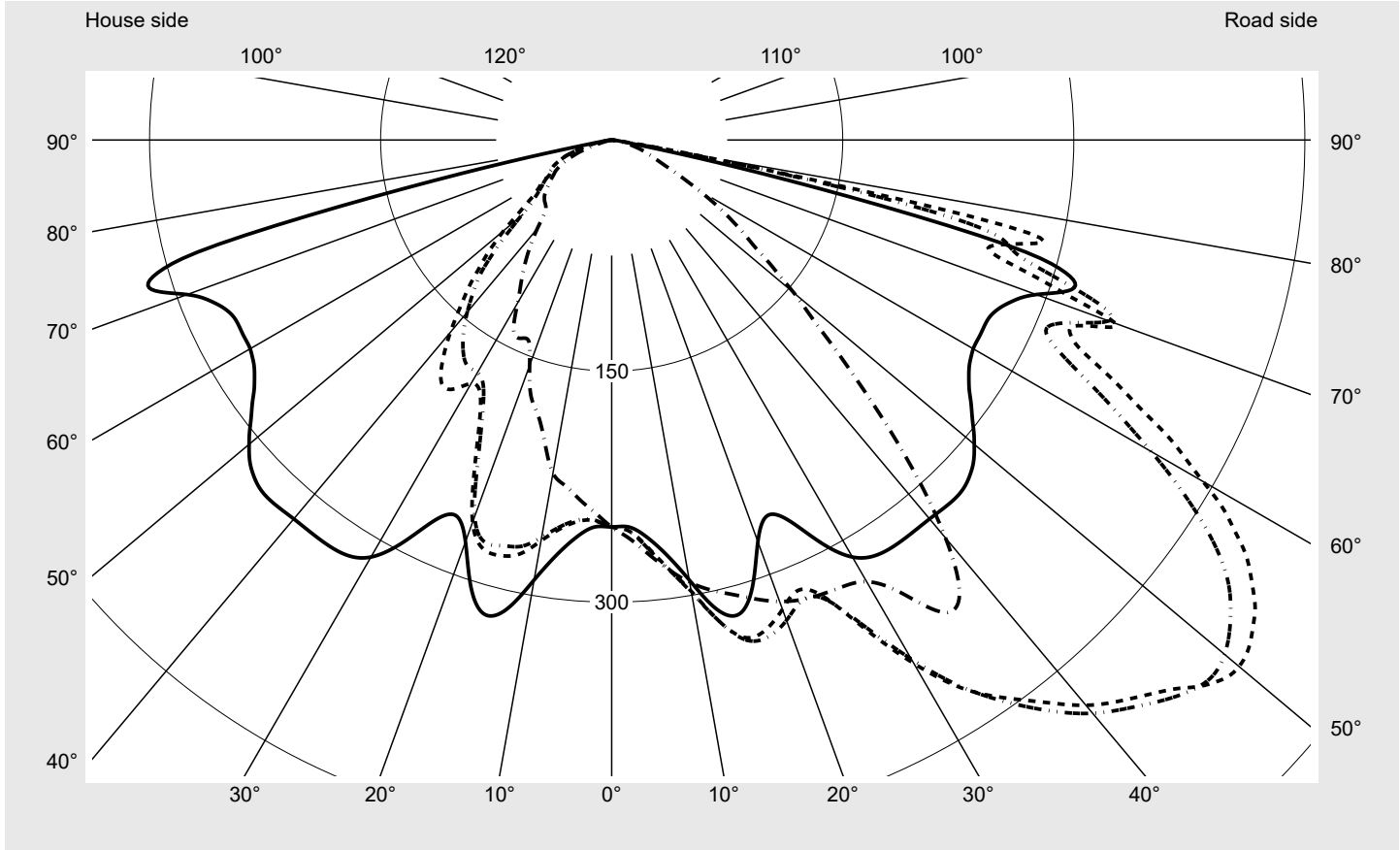


Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
	Version post-top or side-entry mounting Optic asymmetric, wide distribution (ST0.5a G) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 10820 lm Power consumption = 71.6 W Luminous efficacy = 151.1 lm/W	serial documentation 23.08.2022



Luminous intensity in cd/klm C180-0 C210-30 C212,5-32,5 C270-90 **Imax: 532 cd/klm**



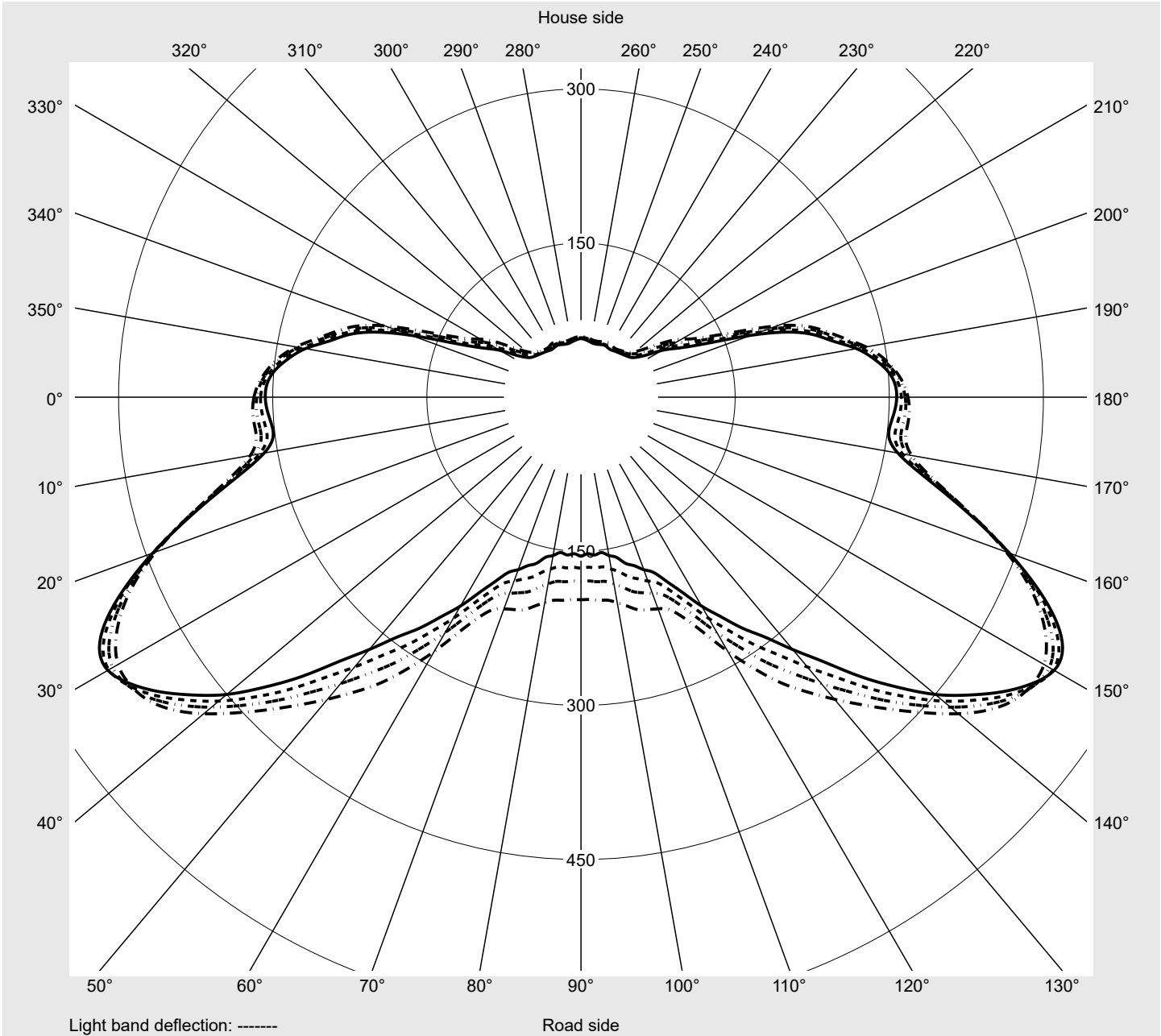
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G4
Imax 70°	466.0
Imax 80°	84.5
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
--	--	------------------------------

Envelope curve in cd/klm **KMK 50°** **KMK 49°** **KMK 48°** **KMK 47°** **siteco**



Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
---	--	-------------------------------------



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														
0,0°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2
2,5°	251.4	251.6	251.8	252.0	252.2	252.5	252.7	252.9	253.1	253.4	253.5	253.8	254.0	254.1	254.3
5,0°	258.5	259.1	259.9	260.7	261.4	261.9	262.2	262.4	262.9	263.3	263.8	264.5	265.1	265.8	266.0
7,5°	271.3	272.4	273.6	274.3	275.1	275.2	275.8	276.2	277.2	277.8	278.9	279.5	280.4	280.6	281.2
10,0°	290.0	291.7	292.5	293.3	293.3	293.7	293.8	294.8	295.2	296.2	296.6	297.4	297.4	298.3	298.3
12,5°	311.3	313.3	313.5	314.3	313.7	314.5	314.5	316.0	316.4	317.8	318.0	319.1	319.2	319.3	319.7
15,0°	318.8	319.0	318.7	318.1	317.6	318.1	319.4	321.2	323.3	325.6	328.2	331.2	334.4	335.9	338.6
17,5°	304.0	303.9	303.0	302.2	302.2	303.6	305.8	308.9	312.5	317.0	321.9	327.5	333.1	338.1	342.9
20,0°	277.5	279.5	278.2	279.7	280.3	283.9	286.4	291.6	295.9	303.0	309.1	317.6	324.2	331.8	337.5
22,5°	264.0	267.6	270.2	273.0	276.7	280.1	284.1	288.4	294.0	299.7	305.5	311.0	316.4	323.3	328.1
25,0°	272.6	278.4	284.8	289.0	294.6	297.4	303.0	307.0	314.1	318.1	323.3	324.9	327.7	329.1	329.6
27,5°	295.0	303.0	310.2	315.7	320.4	324.5	330.3	337.3	345.3	352.0	357.0	359.1	358.7	356.0	352.1
30,0°	312.6	321.6	329.3	334.8	339.7	345.3	353.5	363.4	374.5	384.0	390.8	393.4	392.3	389.1	384.2
32,5°	319.6	328.7	336.2	341.5	346.5	353.7	364.6	378.0	392.2	404.9	414.2	419.5	421.4	420.1	417.0
35,0°	321.1	329.9	336.8	341.5	346.4	355.1	368.4	384.8	401.8	417.0	428.5	436.4	441.7	445.0	445.9
37,5°	321.0	329.2	335.1	339.0	344.3	354.7	370.4	388.9	408.1	425.7	439.8	450.7	459.9	467.0	470.9
40,0°	321.1	328.1	332.6	335.4	341.2	353.8	371.8	392.6	413.9	433.7	451.2	466.8	479.0	485.8	489.2
42,5°	322.0	327.4	330.2	331.7	338.2	353.2	373.9	397.4	421.9	445.7	466.4	482.2	493.0	499.6	503.4
45,0°	321.7	325.2	325.9	326.2	333.4	350.6	374.7	402.9	432.6	459.9	481.2	496.2	506.0	512.5	514.5
46,0°	320.4	323.0	322.9	323.1	330.8	348.8	374.6	404.9	436.7	465.0	486.8	502.2	512.4	517.0	515.5
47,0°	318.3	319.8	318.9	318.7	326.8	346.0	374.0	406.7	440.3	469.9	493.1	510.3	520.3	520.6	514.2
48,0°	315.5	316.1	314.3	314.0	322.6	343.2	373.1	407.5	442.4	473.6	498.8	517.8	526.3	522.6	510.9
49,0°	311.8	311.1	308.7	308.2	317.7	339.8	371.5	407.1	443.4	476.8	504.5	524.3	530.6	522.1	506.0
50,0°	307.3	305.5	302.3	302.4	313.1	336.8	369.4	405.8	443.5	478.7	508.9	528.4	531.7	519.4	500.0
51,0°	302.6	299.8	296.4	297.2	309.2	334.1	367.1	403.9	442.8	480.1	511.8	530.6	530.3	515.2	493.5
52,0°	297.4	293.5	290.1	292.2	305.7	331.6	365.0	402.3	442.5	481.8	514.3	530.3	526.6	509.6	486.2
53,0°	292.7	288.2	284.9	288.3	303.2	330.1	363.8	401.8	443.4	483.8	515.5	527.9	521.7	503.1	477.1
54,0°	288.2	283.2	280.2	285.0	301.4	329.2	363.5	402.6	445.7	486.4	515.8	524.7	516.4	495.7	465.9
55,0°	283.4	278.2	275.8	282.2	300.2	329.3	364.6	405.4	449.7	489.9	514.5	518.9	508.3	485.8	451.7
56,0°	279.7	274.5	272.9	280.7	300.1	330.3	366.8	409.4	454.6	493.0	512.5	512.6	499.7	473.3	435.0
57,0°	276.5	271.6	271.0	280.2	300.9	332.6	370.0	415.0	460.3	495.6	510.2	504.8	489.8	458.4	417.8
58,0°	274.0	269.6	269.9	280.6	302.6	335.7	375.0	421.7	467.1	497.5	505.6	496.5	476.1	441.5	399.8
59,0°	272.3	268.4	269.7	281.8	305.1	339.6	380.6	429.2	473.6	498.4	500.6	486.7	462.3	423.6	381.6
60,0°	271.0	267.7	270.0	283.5	308.5	345.4	389.0	439.3	480.2	497.4	492.4	473.1	443.3	404.4	363.7
61,0°	270.6	267.5	270.6	285.5	312.1	351.4	397.6	448.8	485.1	494.7	483.7	459.2	425.6	385.0	346.3
62,0°	270.6	267.6	271.4	287.9	316.3	358.2	407.0	458.0	489.0	491.0	474.6	445.2	408.3	366.8	330.9
63,0°	270.5	267.9	273.2	291.1	321.6	366.4	418.0	467.2	490.5	484.2	462.0	427.4	386.7	348.6	316.4
64,0°	270.4	268.7	275.7	295.6	327.7	374.6	428.6	473.9	489.8	477.0	449.7	410.9	368.6	331.5	304.6
65,0°	271.0	270.8	279.3	302.0	335.3	384.9	439.6	479.8	487.1	467.0	436.2	391.2	350.1	317.6	297.1
66,0°	272.9	273.8	284.7	309.3	344.5	395.6	449.6	482.9	481.7	457.1	420.5	374.1	332.4	308.9	295.5
67,0°	275.8	277.6	290.5	317.8	353.5	405.6	457.2	482.8	475.7	446.4	406.8	361.1	323.7	308.7	303.1
68,0°	280.0	283.6	299.2	329.0	364.2	415.9	463.1	478.8	466.2	433.5	393.9	353.0	322.9	317.1	320.0
69,0°	285.2	290.3	309.4	341.5	376.0	425.6	465.8	471.9	453.2	418.4	384.3	356.2	337.9	331.0	338.2
70,0°	293.3	300.8	322.8	358.3	390.0	435.5	466.0	461.7	438.8	394.0	359.3	335.9	348.2	343.3	350.0
71,0°	304.7	313.5	340.2	376.2	407.0	443.9	462.4	451.1	422.5	374.2	327.5	302.7	319.0	340.6	352.8
72,0°	314.0	325.0	356.5	392.8	420.5	448.6	456.5	440.5	406.8	354.4	302.6	275.3	291.8	320.9	339.0

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
---	--	-------------------------------------



Table of values for luminous intensities Maximum luminous intensity

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°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2
2,5°	254.5	255.2	255.3	255.7	256.0	256.3	256.5	256.6	256.8	257.1	257.2	257.4	257.6	257.9	258.1
5,0°	266.8	266.8	267.7	267.7	268.1	268.3	268.3	269.0	268.7	269.2	269.1	269.1	269.6	269.3	269.8
7,5°	281.5	281.9	282.2	282.3	282.5	282.3	282.6	282.4	282.6	282.3	282.3	282.2	282.1	282.1	281.8
10,0°	299.0	299.0	299.4	299.2	299.3	299.1	298.9	298.6	297.9	297.4	296.6	296.2	295.4	295.0	294.2
12,5°	320.1	320.4	320.2	320.1	319.1	318.7	316.9	316.2	313.9	313.0	310.8	309.6	307.6	306.3	304.8
15,0°	340.5	342.3	342.5	342.7	341.0	339.6	336.2	333.6	329.9	327.1	324.0	321.5	318.9	316.6	314.3
17,5°	347.6	351.7	355.2	357.7	358.7	358.2	355.7	352.1	347.1	341.9	336.9	332.7	329.1	326.0	323.3
20,0°	344.0	349.0	354.3	358.3	362.0	364.4	365.8	365.4	362.8	358.1	352.0	345.7	340.3	336.0	332.6
22,5°	333.1	337.7	342.8	347.5	352.4	356.8	361.0	364.1	366.0	365.5	362.5	356.9	350.4	344.3	339.5
25,0°	329.4	330.1	331.6	334.3	338.1	342.8	348.1	353.2	358.0	362.0	364.1	363.2	359.0	352.4	345.9
27,5°	347.1	342.4	337.9	334.9	333.7	335.2	339.0	344.3	350.0	355.4	359.9	362.5	362.1	357.5	350.6
30,0°	377.6	370.2	362.4	355.6	350.3	346.8	345.3	346.0	348.8	352.7	356.7	360.3	362.3	360.7	355.3
32,5°	412.1	406.0	399.9	393.2	385.5	376.4	368.0	361.2	357.4	356.7	358.4	361.6	365.2	367.2	365.5
35,0°	445.2	443.0	439.0	431.9	422.2	410.4	397.9	385.7	375.9	369.9	368.9	371.8	377.7	383.7	387.2
37,5°	472.4	471.4	467.7	461.4	453.1	442.5	429.5	414.4	399.0	386.7	380.4	380.7	385.1	390.8	393.5
40,0°	490.9	490.6	487.8	482.0	472.7	459.3	442.4	423.2	402.3	384.3	371.8	367.6	367.3	369.0	367.2
42,5°	504.6	501.5	492.9	479.9	462.7	443.9	422.9	403.6	384.1	366.5	349.1	336.5	326.0	321.7	315.5
45,0°	509.3	495.9	476.2	454.4	432.2	412.0	393.9	376.2	354.9	330.8	303.3	280.0	264.2	258.0	254.7
46,0°	506.0	488.6	465.7	442.2	419.6	399.4	380.0	359.9	335.5	308.8	279.8	256.5	242.0	236.8	234.7
47,0°	500.0	479.3	454.7	430.1	406.2	383.7	361.6	339.3	312.9	285.7	258.2	237.0	223.7	219.2	216.7
48,0°	492.2	469.3	443.6	417.2	389.6	363.9	338.8	315.4	289.2	264.4	240.1	220.7	208.0	203.1	199.5
49,0°	484.2	460.2	432.1	402.5	370.7	342.8	316.4	294.0	270.2	248.6	226.6	208.7	195.9	190.4	185.4
50,0°	476.1	450.1	417.7	384.5	349.1	320.7	294.4	274.7	253.3	234.8	214.4	198.1	184.6	178.7	171.9
51,0°	467.8	437.8	401.4	364.5	328.5	299.9	276.0	257.4	239.3	222.4	204.3	188.2	175.0	167.5	160.2
52,0°	457.4	423.0	383.1	344.8	309.6	282.2	260.0	243.2	227.2	212.1	195.3	179.8	166.7	158.1	149.7
53,0°	443.8	405.3	363.8	325.7	291.9	265.9	245.7	230.6	216.0	202.5	187.0	172.3	159.0	149.4	140.7
54,0°	428.1	387.1	345.8	309.3	277.5	253.4	234.8	220.4	207.1	195.0	180.9	166.7	153.5	143.0	133.9
55,0°	410.0	368.3	328.4	294.2	265.3	243.1	225.4	211.9	199.8	188.7	175.6	161.9	148.8	138.0	128.2
56,0°	391.1	349.9	312.1	281.0	255.2	234.3	217.6	204.9	193.5	182.9	170.4	157.5	145.2	134.1	122.3
57,0°	373.4	333.9	298.4	271.2	247.6	228.4	212.3	199.8	188.0	177.6	165.5	153.2	138.6	125.2	112.7
58,0°	356.4	319.3	287.3	263.4	241.9	224.0	207.9	195.1	182.2	171.2	157.6	144.2	126.7	114.4	101.8
59,0°	340.7	306.5	278.8	257.3	238.1	220.4	204.2	190.2	175.6	161.9	146.1	131.3	116.0	104.2	93.4
60,0°	325.9	296.1	272.2	253.2	235.7	217.9	200.6	184.6	166.5	150.4	134.5	120.6	106.1	94.9	84.6
61,0°	312.5	287.5	267.4	250.8	234.2	215.9	196.6	177.2	155.5	138.2	122.5	108.9	95.1	84.8	75.4
62,0°	302.1	281.5	265.0	250.0	233.6	214.3	191.9	168.6	144.8	126.9	111.2	98.0	84.9	75.4	67.0
63,0°	293.6	277.8	264.6	250.2	233.1	211.9	185.6	158.6	133.4	115.1	99.6	86.9	74.9	66.3	59.0
64,0°	287.9	276.4	265.7	251.2	232.0	207.6	177.0	147.1	120.7	102.2	86.8	75.0	64.4	57.1	51.1
65,0°	286.2	278.1	268.2	252.3	229.3	200.7	166.8	135.7	108.3	90.0	74.9	64.5	55.2	49.5	44.7
66,0°	290.2	283.6	272.4	252.8	224.6	191.8	155.1	123.5	95.1	77.8	63.3	54.9	46.9	43.1	38.8
67,0°	303.0	294.6	277.9	251.9	218.0	181.4	143.6	110.6	82.9	66.0	54.1	46.7	40.6	37.4	34.6
68,0°	323.3	310.3	284.7	249.4	208.9	169.9	131.3	98.3	71.0	56.0	46.4	40.5	35.8	33.6	31.4
69,0°	341.6	325.4	290.9	245.8	198.9	157.2	118.2	85.5	59.7	47.2	40.0	35.7	32.1	30.5	28.7
70,0°	351.0	334.0	294.4	242.7	190.7	145.5	105.0	74.1	51.0	40.4	35.4	32.6	29.9	28.5	27.0
71,0°	353.1	334.3	293.7	239.1	183.2	133.0	91.3	63.9	43.1	35.1	31.9	30.2	28.2	27.2	25.7
72,0°	340.8	321.4	280.1	228.4	172.1	118.6	79.0	54.3	37.2	30.9	29.1	27.8	26.6	25.8	24.2

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
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°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2
2,5°	258.3	258.5	258.7	258.7	258.8	258.8	258.8	251.1	250.9	250.6	250.3	250.0	249.7	249.4	248.9
5,0°	269.8	269.6	270.1	269.6	269.8	270.0	269.5	258.0	257.4	256.9	256.1	255.3	254.3	253.5	252.5
7,5°	281.9	281.5	281.5	281.3	281.2	281.3	281.0	270.1	269.2	268.1	267.0	265.5	264.1	262.5	261.0
10,0°	293.6	292.9	292.4	292.1	291.8	291.7	291.5	288.5	286.7	285.2	283.2	281.4	278.9	276.7	274.1
12,5°	303.5	302.3	301.1	300.5	299.8	299.7	299.3	310.0	307.5	305.8	303.1	300.8	297.4	294.4	290.7
15,0°	312.2	310.3	308.6	307.3	306.3	305.8	305.5	318.1	317.0	315.8	314.3	312.5	309.9	306.7	302.7
17,5°	320.8	318.7	316.6	314.9	313.6	312.9	312.5	303.9	303.5	303.6	303.7	303.7	302.7	301.1	298.0
20,0°	329.5	326.9	324.3	322.1	320.3	319.2	318.7	277.4	274.6	275.3	273.9	276.0	274.8	276.0	271.7
22,5°	335.5	332.4	329.5	327.1	324.9	323.4	322.8	259.3	253.9	250.2	247.3	246.9	246.2	244.7	241.5
25,0°	340.5	336.3	332.8	329.9	327.4	325.7	325.0	263.5	254.7	246.2	239.8	235.5	230.5	225.4	223.6
27,5°	343.8	338.2	333.8	330.7	328.5	327.0	326.5	284.7	273.6	263.2	254.7	247.3	238.2	232.0	227.2
30,0°	348.2	341.9	337.0	334.0	332.2	331.4	331.0	301.9	290.7	280.5	272.3	262.9	254.7	248.5	238.0
32,5°	360.2	355.8	351.6	349.9	348.4	348.6	347.9	309.7	300.0	291.5	283.5	274.8	268.8	260.6	246.0
35,0°	385.1	381.9	377.7	375.5	374.1	374.5	374.1	312.0	303.8	297.0	288.8	281.7	275.4	263.4	249.1
37,5°	390.5	383.7	377.4	372.6	370.8	370.4	370.9	312.5	305.2	298.7	290.6	283.5	273.8	259.9	247.4
40,0°	362.2	352.4	345.4	339.0	337.3	335.9	337.1	313.2	306.3	298.9	290.6	281.8	268.4	254.3	243.0
42,5°	311.2	301.1	295.9	289.7	289.1	286.7	288.6	315.1	308.1	299.4	289.1	277.2	261.4	248.0	235.0
45,0°	252.5	246.7	242.1	237.9	236.9	235.4	235.5	316.0	308.4	298.9	285.9	270.6	254.2	239.7	220.5
46,0°	232.6	227.0	222.0	217.8	216.9	215.4	215.4	315.3	307.7	297.9	284.1	267.2	250.8	235.2	212.3
47,0°	214.1	208.2	203.1	199.3	198.5	197.1	197.1	313.9	306.4	296.1	281.7	263.4	247.1	229.7	202.8
48,0°	195.9	189.6	184.6	180.8	180.3	179.0	179.6	312.0	304.7	293.9	279.1	259.8	243.5	224.0	193.7
49,0°	181.0	174.4	169.8	166.5	166.7	165.7	166.4	309.1	302.3	291.0	276.0	255.8	239.3	217.5	184.7
50,0°	167.4	159.6	156.5	152.5	154.1	152.4	154.5	305.7	299.1	287.3	272.2	251.6	234.7	210.7	176.2
51,0°	153.5	146.0	142.0	139.4	140.5	140.4	140.9	301.9	295.3	283.0	268.0	247.0	229.5	203.9	168.4
52,0°	141.1	133.1	130.1	128.6	130.1	129.9	130.2	297.6	291.0	277.8	262.7	241.6	223.6	196.8	161.0
53,0°	130.9	122.6	119.8	118.1	119.2	118.6	118.5	293.3	286.5	272.0	255.9	235.2	217.1	190.0	154.2
54,0°	123.7	115.2	111.8	110.1	110.8	110.1	110.2	289.1	281.9	266.2	248.3	227.2	208.9	182.0	147.2
55,0°	118.0	109.8	105.9	103.8	104.2	103.2	103.2	284.5	277.0	260.5	241.3	219.3	199.2	172.0	139.0
56,0°	110.9	102.4	98.4	96.7	96.8	95.7	95.4	280.7	272.7	255.6	235.4	213.0	191.1	161.6	128.9
57,0°	102.6	95.2	91.9	90.2	90.1	88.6	88.5	277.2	268.6	250.5	229.7	206.7	183.9	152.1	118.2
58,0°	94.4	87.5	85.0	82.7	83.0	80.3	81.0	274.4	265.0	246.0	224.3	200.7	176.7	144.3	109.6
59,0°	86.1	79.9	77.1	75.6	75.1	72.8	73.0	272.3	261.9	241.7	219.4	195.0	169.8	136.9	102.7
60,0°	78.0	72.0	69.8	68.6	68.0	65.4	65.6	270.6	259.0	237.5	214.4	189.3	162.7	129.3	96.0
61,0°	69.3	63.9	62.0	61.1	60.2	57.8	58.0	269.8	257.2	234.3	210.2	184.0	156.4	122.6	89.9
62,0°	61.6	56.8	55.4	54.7	53.6	51.4	51.7	269.3	255.6	231.4	205.7	178.1	149.7	115.9	84.1
63,0°	54.4	50.5	49.5	48.9	47.5	45.9	45.9	268.5	253.0	227.3	198.8	168.6	139.9	107.9	78.4
64,0°	47.4	44.3	43.7	43.0	41.7	40.3	40.4	267.9	249.9	221.4	188.2	152.7	123.7	95.7	72.6
65,0°	41.9	39.5	39.2	38.4	37.5	36.1	36.2	268.2	247.1	214.7	175.8	132.6	102.0	78.9	64.7
66,0°	37.2	35.1	35.5	34.5	34.0	32.5	33.0	269.3	245.8	209.9	164.1	114.6	81.9	65.2	55.6
67,0°	33.3	32.3	32.4	31.8	30.8	29.9	30.0	271.6	246.3	206.5	154.8	100.7	68.8	55.9	48.4
68,0°	30.5	29.9	30.1	29.3	28.5	27.8	27.9	275.4	248.4	203.4	145.5	89.3	61.2	50.5	43.3
69,0°	28.2	27.7	27.6	26.7	26.1	25.6	25.7	281.3	252.5	201.3	137.0	80.0	57.0	47.2	40.0
70,0°	26.4	25.7	25.2	24.4	23.9	23.6	23.8	290.6	259.0	199.5	127.7	71.5	53.8	44.0	37.1
71,0°	24.8	23.6	23.0	22.1	21.8	21.3	21.7	302.4	269.3	198.6	117.5	65.4	51.1	41.1	34.1
72,0°	23.1	21.9	21.0	20.1	19.6	19.3	19.7	312.8	278.4	195.4	107.3	62.3	49.3	38.5	31.3

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
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°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2
2,5°	248.5	248.2	247.7	247.4	247.1	246.6	246.4	246.0	245.7	245.4	245.0	244.8	244.4	244.0	243.8
5,0°	251.7	250.7	249.4	248.5	247.6	246.7	245.8	245.0	244.1	243.3	242.5	241.7	240.8	240.1	239.3
7,5°	259.4	257.8	255.9	254.4	253.0	251.4	249.9	248.4	246.9	245.4	244.0	242.7	241.2	239.8	238.3
10,0°	272.0	269.3	267.0	264.2	261.8	259.2	256.8	254.2	251.0	247.7	244.3	241.3	238.7	236.2	234.2
12,5°	287.1	283.0	278.9	275.2	270.1	264.7	259.6	255.2	251.4	248.2	245.3	242.3	239.3	235.6	232.1
15,0°	298.1	292.7	286.2	279.2	272.6	267.4	262.6	258.4	253.5	247.2	240.8	233.4	227.0	220.2	214.8
17,5°	293.5	287.2	281.6	278.1	273.7	268.4	260.8	251.8	242.2	232.8	224.7	217.7	212.0	206.8	202.2
20,0°	269.2	265.6	265.8	264.0	260.1	252.8	245.2	237.0	229.9	222.7	216.0	210.0	205.0	200.1	195.3
22,5°	241.7	241.5	239.4	233.2	227.5	222.8	219.9	218.0	216.8	215.4	212.1	206.4	199.4	191.8	184.4
25,0°	223.2	218.5	211.6	203.3	198.8	195.8	195.4	196.9	198.4	198.3	196.6	193.2	187.7	180.6	173.1
27,5°	218.3	205.8	194.7	185.1	180.4	178.4	176.8	174.2	171.6	170.3	170.7	172.4	174.2	174.9	173.6
30,0°	222.5	207.0	193.8	182.6	174.2	164.6	155.1	147.8	144.0	144.6	149.1	156.6	165.0	171.4	173.4
32,5°	230.4	216.3	203.8	191.8	174.0	153.9	137.0	126.3	123.6	127.5	134.9	143.0	149.6	155.6	159.2
35,0°	236.2	224.9	211.8	192.5	168.0	146.3	129.8	118.7	112.9	112.0	115.0	120.7	126.5	130.5	132.9
37,5°	236.8	224.4	204.4	180.2	158.1	141.0	127.9	116.9	106.9	98.7	94.7	95.3	98.8	104.0	109.2
40,0°	231.1	211.2	184.8	162.9	145.9	134.1	122.9	109.8	96.3	86.5	79.0	75.7	76.6	82.7	88.8
42,5°	215.3	187.2	161.8	144.2	132.4	122.2	109.1	95.8	84.2	75.0	68.5	65.6	65.5	68.3	72.9
45,0°	190.7	161.2	139.6	127.0	117.5	104.6	91.1	80.0	71.4	66.1	63.2	61.5	60.6	60.8	62.5
46,0°	179.4	150.8	131.3	119.4	109.1	95.3	83.1	73.6	67.2	63.9	61.8	60.4	59.3	59.1	59.9
47,0°	168.1	140.9	123.2	113.0	101.5	87.5	76.6	69.0	64.5	62.3	60.7	59.5	58.4	57.9	58.1
48,0°	157.9	132.2	115.8	106.2	92.5	80.2	70.6	65.5	62.4	60.9	59.5	58.5	57.6	57.0	56.7
49,0°	148.6	124.2	108.9	98.4	84.2	73.3	66.3	62.8	60.9	59.6	58.5	57.5	56.7	56.1	55.5
50,0°	140.6	117.0	102.6	91.3	77.2	68.4	63.4	61.0	59.6	58.4	57.5	56.7	56.0	55.2	54.5
51,0°	133.3	110.2	96.0	82.8	70.5	64.3	60.9	59.3	58.0	57.1	56.3	55.7	54.9	54.2	53.5
52,0°	126.2	103.5	89.3	75.8	65.9	61.4	59.1	57.7	56.7	55.9	55.3	54.8	54.0	53.3	52.6
53,0°	119.8	97.1	82.9	70.2	62.7	59.4	57.5	56.4	55.5	54.8	54.2	53.6	53.0	52.5	51.8
54,0°	113.2	90.5	76.3	64.7	59.8	57.2	55.7	54.8	54.1	53.5	53.0	52.3	51.9	51.5	50.9
55,0°	106.1	84.2	70.2	61.1	57.6	55.5	54.3	53.4	52.7	52.2	51.7	51.2	50.9	50.6	50.1
56,0°	97.9	78.3	65.0	58.3	55.4	53.9	52.6	52.2	51.4	51.0	50.4	50.2	49.9	49.7	49.2
57,0°	87.7	71.8	60.7	55.9	53.6	52.1	51.1	50.6	50.0	49.6	49.2	49.0	48.8	48.8	48.4
58,0°	78.4	64.1	56.6	54.4	52.0	50.7	49.7	49.1	48.6	48.5	48.0	47.9	47.7	47.8	47.5
59,0°	71.7	57.4	51.9	51.6	50.3	49.2	48.2	47.4	46.9	47.0	47.0	46.7	46.6	46.8	46.7
60,0°	66.6	53.1	48.1	48.0	48.7	47.8	46.9	46.1	45.5	45.6	45.7	45.7	45.6	45.8	45.7
61,0°	62.6	50.4	45.9	46.0	47.4	46.7	45.7	44.9	44.3	44.4	44.5	44.7	44.5	44.8	44.7
62,0°	59.1	47.9	44.4	45.1	46.0	45.3	44.3	43.7	43.1	43.0	43.1	43.3	43.3	43.7	43.5
63,0°	55.9	45.7	43.1	44.4	44.7	44.0	43.2	42.6	42.0	41.9	42.0	42.2	42.3	42.5	42.5
64,0°	53.1	43.8	41.7	43.6	43.2	42.7	41.9	41.5	40.9	40.8	40.8	41.1	41.2	41.3	41.2
65,0°	49.9	42.0	40.4	42.3	41.9	41.3	40.7	40.5	40.0	39.8	39.7	40.2	40.3	40.0	40.1
66,0°	46.0	40.1	39.2	41.2	40.5	40.1	39.6	39.3	38.6	38.4	38.5	38.9	39.0	38.9	38.9
67,0°	41.6	38.0	37.9	39.4	38.8	38.4	38.0	37.9	37.3	37.0	36.9	37.4	37.5	37.4	37.3
68,0°	37.9	35.8	36.5	37.5	37.0	36.8	36.6	36.5	36.0	35.6	35.5	36.1	36.4	36.1	35.8
69,0°	35.2	33.6	34.8	35.6	35.1	35.1	34.8	35.0	34.6	34.1	33.8	34.7	34.9	34.1	33.8
70,0°	32.7	31.4	32.6	33.3	33.2	33.0	32.9	33.1	32.8	32.3	32.0	32.9	32.6	31.7	31.9
71,0°	29.9	29.1	30.1	30.9	30.9	31.0	30.9	31.0	30.7	30.4	30.3	30.9	29.9	29.4	29.6
72,0°	27.3	26.7	27.3	28.0	27.9	28.1	27.9	28.0	28.0	28.0	27.9	28.2	27.0	26.8	26.9

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
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°	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	251.2	0.4	0.4
2,5°	243.4	243.3	243.0	242.8	242.8	242.5	242.5	242.4	242.1	242.4	242.1	242.1	242.3	3.0	3.4
5,0°	238.6	237.9	237.3	236.7	236.3	235.9	235.5	235.4	235.1	234.9	234.7	234.6	234.6	6.1	9.5
7,5°	236.8	235.3	233.8	232.5	231.2	230.3	229.3	228.5	227.9	227.3	227.0	226.7	226.7	9.4	18.9
10,0°	232.2	230.4	228.8	227.3	225.9	224.6	223.4	222.3	221.4	220.6	220.2	219.6	219.6	13.0	31.9
12,5°	227.8	224.2	220.1	216.8	213.4	210.6	208.1	205.7	204.1	202.3	201.7	200.6	200.8	16.8	48.6
15,0°	209.6	205.5	201.8	198.6	195.9	193.5	191.4	189.4	187.8	186.4	185.6	184.8	184.8	20.3	68.9
17,5°	198.1	194.4	191.2	188.2	185.6	183.4	181.3	179.2	177.5	175.9	175.0	174.2	174.2	23.4	92.3
20,0°	190.5	185.8	181.2	176.6	172.6	168.7	165.7	162.6	160.3	157.9	156.9	155.5	155.8	25.7	118.0
22,5°	177.4	170.9	165.2	160.0	155.7	151.9	149.1	146.6	144.7	142.8	141.8	141.0	141.0	27.6	145.6
25,0°	166.7	161.7	158.0	155.0	152.6	150.4	148.5	146.8	145.3	144.0	142.8	142.1	142.0	30.1	175.8
27,5°	170.6	166.5	162.1	157.8	153.9	150.5	147.4	144.7	142.6	140.7	139.1	138.1	137.9	33.4	209.2
30,0°	171.2	166.2	160.0	153.7	148.2	142.8	137.9	132.9	129.2	125.8	123.8	122.1	122.1	37.0	246.2
32,5°	159.3	154.0	146.2	137.1	130.5	124.6	120.6	116.8	114.3	111.8	110.6	109.2	109.4	40.6	286.8
35,0°	134.1	133.4	129.8	123.6	117.5	112.4	108.5	105.3	102.6	100.6	99.2	98.3	98.2	44.2	330.9
37,5°	113.3	115.3	114.5	110.5	105.4	100.4	96.7	93.4	91.0	89.0	87.8	86.8	86.8	47.1	378.0
40,0°	94.4	96.6	97.6	94.4	90.9	85.9	83.0	79.7	78.3	76.2	75.9	74.7	75.2	48.5	426.5
42,5°	77.4	79.8	79.8	77.7	74.6	71.2	68.7	66.9	65.9	65.0	64.6	64.4	64.5	48.6	475.1
45,0°	65.0	66.5	66.1	64.0	61.6	59.9	59.1	58.9	59.3	59.6	60.0	60.3	60.5	33.2	508.4
46,0°	61.4	62.3	61.8	60.0	58.7	58.0	57.7	57.7	58.2	58.7	59.2	59.6	59.8	18.9	527.3
47,0°	59.0	59.5	58.9	58.1	57.5	56.9	56.6	56.6	57.2	57.8	58.5	59.0	59.3	18.7	546.0
48,0°	57.2	57.3	57.3	56.9	56.4	55.7	55.6	55.6	56.3	56.9	57.7	58.2	58.7	18.5	564.5
49,0°	55.7	56.0	56.3	55.9	55.3	54.8	54.7	54.7	55.3	56.0	56.9	57.5	57.9	18.2	582.7
50,0°	54.5	55.0	55.5	55.2	54.6	53.9	53.7	53.7	54.4	55.1	55.9	56.6	57.0	18.0	600.7
51,0°	53.4	53.8	54.5	54.5	53.9	53.0	52.7	52.7	53.2	54.0	54.8	55.5	55.8	17.7	618.4
52,0°	52.5	52.7	53.3	53.8	53.3	52.4	51.8	51.6	52.0	52.7	53.4	54.1	54.4	17.5	635.9
53,0°	51.5	51.7	52.1	52.5	52.6	51.7	50.9	50.5	50.7	51.2	52.0	52.6	52.9	17.2	653.1
54,0°	50.5	50.5	51.0	51.0	51.1	50.8	50.1	49.5	49.4	49.8	50.5	51.0	51.3	17.0	670.1
55,0°	49.6	49.5	50.0	50.0	49.9	49.6	49.4	48.9	48.3	48.4	49.1	49.6	49.9	16.8	686.8
56,0°	48.8	48.5	48.9	48.9	48.6	48.1	48.3	47.8	47.3	47.0	47.8	48.1	48.5	16.5	703.4
57,0°	47.9	47.6	47.7	47.8	47.5	46.9	46.6	46.5	46.0	45.6	46.5	46.9	46.9	16.3	719.7
58,0°	47.0	46.5	46.5	46.6	46.6	45.9	45.3	44.9	44.5	44.3	45.2	45.7	45.5	16.1	735.8
59,0°	46.1	45.2	45.2	45.4	45.5	44.8	44.1	43.5	43.0	42.9	44.1	44.7	44.0	15.9	751.7
60,0°	45.1	44.1	44.1	44.2	44.3	43.8	43.2	42.4	41.8	42.0	43.7	43.9	42.9	15.6	767.3
61,0°	44.1	43.2	42.8	43.2	43.1	42.8	42.2	41.3	40.6	40.7	42.0	42.3	41.7	15.4	782.7
62,0°	43.0	42.2	41.7	41.8	42.0	41.5	41.1	40.3	39.3	39.0	39.9	40.2	40.1	15.2	797.9
63,0°	42.1	41.3	40.8	40.6	40.8	40.2	39.8	39.1	38.0	37.5	38.0	38.3	38.4	15.0	812.9
64,0°	41.1	40.4	39.9	39.5	39.6	38.7	38.3	37.4	36.7	35.6	36.2	36.2	36.7	14.7	827.5
65,0°	40.2	39.9	39.3	38.8	38.4	37.1	36.4	35.6	34.6	33.3	33.6	33.7	34.2	14.4	841.9
66,0°	39.5	39.2	38.9	38.4	36.8	34.7	34.0	33.0	32.0	31.0	31.1	31.2	31.9	14.1	856.1
67,0°	38.3	38.5	38.3	37.0	33.9	31.7	31.2	30.4	29.7	28.3	28.5	28.6	29.2	14.0	870.0
68,0°	36.5	37.3	37.8	34.5	31.1	28.9	28.7	27.6	27.1	25.5	25.8	25.7	26.3	13.9	883.9
69,0°	34.9	35.9	35.7	30.9	27.9	25.4	25.4	24.7	24.6	23.4	23.6	22.9	23.8	13.9	897.8
70,0°	33.0	34.2	32.2	27.4	24.6	22.9	22.4	22.2	22.3	21.5	21.0	20.3	20.8	13.8	911.6
71,0°	30.6	31.8	28.3	23.8	22.1	20.0	19.4	19.4	20.0	19.5	18.3	17.5	17.6	13.6	925.1
72,0°	28.0	27.2	24.1	20.1	18.6	17.2	16.4	16.3	17.3	16.1	15.3	14.7	15.0	13.2	938.3

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
--	--	------------------------------



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°	314.2	327.1	363.0	397.4	422.7	442.9	443.9	424.6	388.6	334.2	283.3	254.4	265.4	296.9	310.4
74,0°	302.3	315.4	351.4	383.4	407.0	421.3	422.6	404.3	368.4	319.2	278.5	252.6	254.3	276.8	278.8
75,0°	271.9	282.4	317.5	348.3	373.3	382.5	388.8	372.7	343.4	304.4	279.4	261.8	262.3	267.5	251.6
76,0°	203.4	205.7	235.6	259.9	289.7	298.9	320.0	312.0	301.5	279.0	270.4	271.0	278.1	258.7	216.4
77,0°	127.7	125.1	141.5	158.4	183.6	190.1	209.0	211.9	225.2	227.5	246.7	272.1	287.2	232.7	167.6
78,0°	69.4	62.5	74.1	81.0	106.1	107.6	125.5	119.8	140.1	148.2	182.4	203.3	237.4	175.8	116.2
79,0°	29.2	27.1	30.4	36.2	50.1	55.6	64.6	67.3	83.0	101.9	127.0	132.3	111.3	97.4	67.9
80,0°	12.8	12.6	14.0	17.5	21.8	23.3	28.0	29.0	41.4	56.8	84.5	75.6	49.9	39.4	30.6
81,0°	7.7	8.0	8.9	10.4	11.7	11.5	12.4	12.0	15.1	20.5	28.7	25.3	16.6	15.8	13.4
82,0°	5.8	6.0	6.6	7.2	7.9	7.5	7.7	7.8	8.6	10.6	14.3	13.0	9.1	8.3	8.1
83,0°	4.4	4.5	4.9	5.1	5.5	5.4	5.4	5.6	5.8	6.4	8.8	9.1	7.0	5.9	5.9
84,0°	3.1	3.1	3.3	3.3	3.5	3.5	3.6	3.6	3.8	3.9	4.6	4.7	4.4	4.2	4.3
85,0°	2.4	2.3	2.3	2.3	2.4	2.3	2.5	2.5	2.6	2.6	2.8	2.8	2.9	2.8	3.0
86,0°	1.8	1.8	1.8	1.7	1.8	1.7	1.8	1.6	1.7	1.6	1.8	1.8	1.9	1.8	2.0
87,0°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.2
88,0°	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
89,0°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.8	0.7	0.7	0.7	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

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
		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°	308.3	289.8	248.1	201.6	148.8	101.1	66.6	46.0	32.7	28.1	26.8	25.7	25.0	24.3	22.6
74,0°	264.8	245.1	208.3	168.0	120.8	81.4	53.7	38.2	29.2	25.7	24.6	23.7	23.1	22.3	20.7
75,0°	221.4	197.5	168.0	137.9	96.7	64.3	42.4	32.1	26.6	23.9	22.7	22.1	21.1	20.4	18.8
76,0°	170.0	141.6	116.1	96.9	66.0	46.5	33.7	27.6	23.9	22.0	20.8	20.3	18.8	18.0	16.6
77,0°	115.1	88.3	66.5	54.7	37.9	29.4	24.9	23.6	21.5	19.9	18.7	18.0	16.1	15.0	13.9
78,0°	76.5	58.2	42.9	33.1	24.2	20.5	19.2	19.7	18.8	17.7	16.6	16.0	13.8	12.5	11.6
79,0°	51.1	41.7	30.0	23.4	18.1	15.9	14.7	15.6	15.2	15.4	14.3	13.4	11.4	10.3	9.3
80,0°	27.2	25.0	20.1	16.4	13.4	11.9	11.1	11.4	11.9	13.0	12.3	11.1	9.1	8.2	7.6
81,0°	11.7	12.0	11.9	11.4	9.8	9.0	8.5	8.7	9.5	10.7	10.3	9.2	7.2	6.5	6.0
82,0°	7.4	7.2	7.5	7.3	6.8	6.7	6.6	6.8	7.5	8.7	8.4	7.3	5.7	5.0	4.6
83,0°	5.7	5.7	5.8	5.1	4.8	4.9	4.8	5.2	5.6	6.5	6.1	5.3	4.3	3.8	3.5
84,0°	4.3	4.5	4.4	3.8	3.4	3.3	3.3	3.6	3.8	4.5	4.3	3.9	3.2	2.9	2.7
85,0°	3.1	3.3	3.2	2.8	2.4	2.3	2.2	2.2	2.3	2.8	2.6	2.5	2.1	2.1	1.9
86,0°	2.0	2.2	2.1	2.0	1.7	1.7	1.5	1.5	1.4	1.5	1.4	1.5	1.4	1.4	1.3
87,0°	1.2	1.4	1.3	1.3	1.1	1.1	1.0	1.0	0.9	1.0	0.9	1.0	0.9	0.9	0.9
88,0°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
89,0°	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.4
90,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
---	--	-------------------------------------

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°	21.3	20.0	19.0	18.2	17.6	17.4	17.7	313.3	276.8	182.6	96.1	62.4	48.6	36.4	28.9
74,0°	19.7	18.1	17.0	16.2	15.6	15.3	15.5	298.9	258.9	160.8	84.5	62.2	47.9	34.5	26.9
75,0°	18.1	16.5	15.3	14.4	13.8	13.6	13.6	264.0	223.5	129.7	69.4	55.9	45.5	31.7	24.5
76,0°	16.3	14.7	13.7	12.7	12.1	11.7	11.8	192.6	158.3	84.1	46.3	41.8	38.2	28.2	21.4
77,0°	14.0	12.6	11.8	10.9	10.4	9.8	9.9	119.2	94.7	47.7	27.5	30.6	30.2	25.2	18.9
78,0°	12.0	10.8	10.1	9.4	8.8	8.3	8.4	60.8	51.0	28.7	23.6	31.7	31.7	27.0	18.5
79,0°	9.9	8.8	8.6	7.8	7.4	6.8	6.9	26.2	24.1	20.1	24.0	34.5	38.1	31.6	19.5
80,0°	7.8	7.1	6.8	6.2	5.7	5.4	5.4	11.7	11.9	13.1	17.9	27.0	35.6	31.7	18.8
81,0°	6.3	5.7	5.4	4.9	4.6	4.3	4.3	7.2	7.1	7.6	9.6	14.8	24.3	24.2	14.8
82,0°	4.8	4.3	4.1	3.9	3.7	3.5	3.5	5.5	5.5	5.5	6.1	7.9	14.2	14.8	9.6
83,0°	3.5	3.2	3.1	3.1	2.9	2.8	2.8	4.2	4.2	4.2	4.5	4.9	6.9	7.1	5.4
84,0°	2.6	2.5	2.3	2.3	2.3	2.2	2.2	3.1	3.2	3.2	3.3	3.4	3.6	3.5	3.2
85,0°	1.9	1.7	1.7	1.6	1.6	1.5	1.6	2.3	2.4	2.4	2.5	2.4	2.4	2.3	2.3
86,0°	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.8	1.9	1.8	1.9	1.8	1.9	1.7	1.8
87,0°	0.9	0.8	0.8	0.7	0.7	0.7	0.8	1.4	1.5	1.4	1.5	1.5	1.4	1.4	1.4
88,0°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
89,0°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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	0.0

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
		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°	24.9	24.3	24.5	25.3	25.5	25.7	25.5	25.6	25.6	25.7	25.5	25.3	24.2	24.2	24.3
74,0°	22.7	21.8	22.0	23.1	23.1	23.3	23.3	23.1	23.0	23.0	22.3	21.8	21.3	22.1	22.2
75,0°	20.1	19.3	19.5	20.0	20.1	20.7	20.5	20.1	19.5	19.2	18.5	18.6	18.7	19.6	20.1
76,0°	17.5	16.8	17.0	17.6	17.7	18.1	17.8	17.2	16.6	16.1	16.0	16.1	16.1	16.5	17.1
77,0°	15.2	14.8	14.8	15.1	14.9	15.8	14.9	14.7	13.6	13.6	13.1	13.4	12.7	13.5	13.5
78,0°	13.3	13.0	12.8	12.6	12.4	13.0	12.1	11.6	11.1	10.9	10.7	10.7	10.4	10.5	10.3
79,0°	12.2	11.5	11.0	10.5	10.6	10.6	9.8	9.6	9.0	8.8	8.6	8.6	8.3	8.5	8.1
80,0°	10.6	9.9	9.3	8.2	8.3	8.6	8.1	7.7	7.2	6.8	6.6	6.5	6.1	6.1	6.0
81,0°	8.5	8.0	7.5	6.6	6.6	6.8	6.6	6.2	5.6	5.3	5.0	4.8	4.6	4.6	4.5
82,0°	6.3	6.0	5.6	5.1	5.1	5.3	5.1	4.9	4.4	4.1	3.7	3.6	3.3	3.2	3.2
83,0°	4.4	4.3	4.0	3.8	3.7	3.8	3.8	3.5	3.1	2.9	2.7	2.6	2.4	2.4	2.2
84,0°	3.0	3.0	2.8	2.7	2.7	2.8	2.7	2.5	2.2	2.1	2.0	2.0	1.8	1.7	1.6
85,0°	2.2	2.2	2.0	2.0	1.8	1.9	1.7	1.8	1.5	1.5	1.3	1.3	1.2	1.1	0.9
86,0°	1.7	1.7	1.6	1.4	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.7
87,0°	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.7	0.6
88,0°	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.5
89,0°	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	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

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°	25.2	23.7	20.7	17.3	15.7	14.3	13.6	13.2	13.9	12.2	11.9	11.5	12.0	12.5	950.9
74,0°	22.7	20.6	17.8	14.9	13.0	11.5	11.0	10.5	10.8	9.4	9.0	8.5	8.6	11.7	962.5
75,0°	19.7	17.1	15.0	13.1	11.1	9.5	9.0	8.4	8.6	7.4	7.0	6.4	6.5	10.6	973.1
76,0°	16.2	14.3	12.8	11.1	9.6	8.0	7.3	6.7	6.5	5.6	5.1	4.7	4.8	8.7	981.9
77,0°	13.4	11.9	10.7	9.0	7.7	6.2	6.0	5.0	4.6	3.7	3.4	2.9	3.1	6.4	988.3
78,0°	10.5	9.9	8.8	7.2	5.7	4.7	4.3	3.6	3.1	2.4	2.0	1.7	1.7	4.4	992.7
79,0°	8.3	7.6	6.9	5.6	4.5	3.8	3.4	2.7	2.2	1.6	1.2	1.0	1.0	2.8	995.4
80,0°	6.2	5.6	5.3	4.3	3.5	2.9	2.4	1.9	1.6	1.1	0.8	0.7	0.7	1.7	997.1
81,0°	4.5	4.1	4.0	3.2	2.6	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.5	0.9	998.0
82,0°	3.2	3.0	3.0	2.4	2.0	1.6	1.4	1.1	0.9	0.6	0.5	0.5	0.5	0.6	998.6
83,0°	2.0	2.1	2.2	1.7	1.4	1.2	1.0	0.8	0.6	0.5	0.5	0.4	0.4	0.4	999.1
84,0°	1.5	1.6	1.5	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	999.4
85,0°	1.0	1.0	1.0	0.7	0.7	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	999.6
86,0°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	999.7
87,0°	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	999.8
88,0°	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	999.9
89,0°	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	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 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
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	10820	71.6	74.6	73.1
95	241	252	10266	67.1	69.8	68.4
90	229	250	9755	63.2	65.6	64.4
85	216	248	9201	58.9	61.2	60.0
80	203	246	8647	54.8	56.8	55.8
75	190	243	8094	50.7	52.7	51.7
70	178	241	7583	47.1	48.9	48.0
65	165	238	7029	43.3	44.9	44.1
60	152	235	6475	39.6	41.1	40.4
55	140	232	5964	36.2	37.5	36.8
50	127	229	5410	32.7	33.8	33.2
45	114	225	4856	29.2	30.3	29.8
40	102	221	4345	26.1	27.0	26.6
35	89	216	3791	22.7	23.5	23.1
30	76	210	3237	19.5	20.1	19.8
25	63	203	2684	16.3	16.9	16.6
20	51	195	2173	13.6	14.0	13.8
15	38	184	1619	10.6	10.8	10.7
10	26	171	1108	8.0	8.1	8.0

Dimming levels table	environmental temperature: 5°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	10820	70.3	71.9	71.1
95	241	252	10266	66.0	67.6	66.8
90	229	250	9755	62.2	63.6	62.9
85	216	248	9201	58.1	59.4	58.8
80	203	246	8647	54.2	55.3	54.8
75	190	243	8094	50.3	51.3	50.8
70	178	241	7583	46.7	47.7	47.2
65	165	238	7029	43.0	43.9	43.4
60	152	235	6475	39.4	40.2	39.8
55	140	232	5964	36.0	36.8	36.4
50	127	229	5410	32.7	33.3	33.0
45	114	225	4856	29.1	29.8	29.4
40	102	221	4345	26.1	26.6	26.4
35	89	216	3791	22.7	23.2	23.0
30	76	210	3237	19.5	19.9	19.7
25	63	203	2684	16.4	16.8	16.6
20	51	195	2173	13.7	13.9	13.8
15	38	184	1619	10.7	10.8	10.8
10	26	171	1108	8.0	8.1	8.0

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
--	--	------------------------------

Dimming levels table	environmental temperature: 15°C	siteco
-----------------------------	---------------------------------	---------------

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	10820	70.9	73.6	72.2
95	241	252	10266	66.5	69.1	67.8
90	229	250	9755	62.5	65.0	63.8
85	216	248	9201	58.5	60.6	59.6
80	203	246	8647	54.4	56.4	55.4
75	190	243	8094	50.4	52.3	51.4
70	178	241	7583	46.9	48.6	47.8
65	165	238	7029	43.1	44.7	43.9
60	152	235	6475	39.5	40.8	40.2
55	140	232	5964	36.1	37.4	36.8
50	127	229	5410	32.6	33.7	33.2
45	114	225	4856	29.1	30.2	29.6
40	102	221	4345	26.1	27.0	26.6
35	89	216	3791	22.7	23.5	23.1
30	76	210	3237	19.5	20.2	19.8
25	63	203	2684	16.3	17.0	16.6
20	51	195	2173	13.6	14.0	13.8
15	38	184	1619	10.6	10.9	10.8
10	26	171	1108	7.9	8.1	8.0

Photometric test report

Family Streetlight 21 mini LED	Order number: 5XE2B31D08JB EAN: 4058352724224	LP number 59074_40
--	--	-------------------------------------

Luminousfluxs table	sITeco
----------------------------	---------------

Temperature °C	Luminous flux lm	Power consumption W
25.0	10820.0	71.6
5.0	10820.0	70.3
15.0	10820.0	70.9