

Photometric test report

Family

Streetlight 11 mini LED



Order number: 5XC2BC1F08GE

EAN: 4069025076595

LP number

59338_406

serial documentation

25.04.2024

Version

post-top or side-entry mounting

Optic

asymmetric, extremely wide distribution (ST0.5a)

Cover

transparent, PMMA

Lamps

LED 2700 K | CRI ≥ 70

Controlgear

ECG SITECO iQ

Setting

individual position

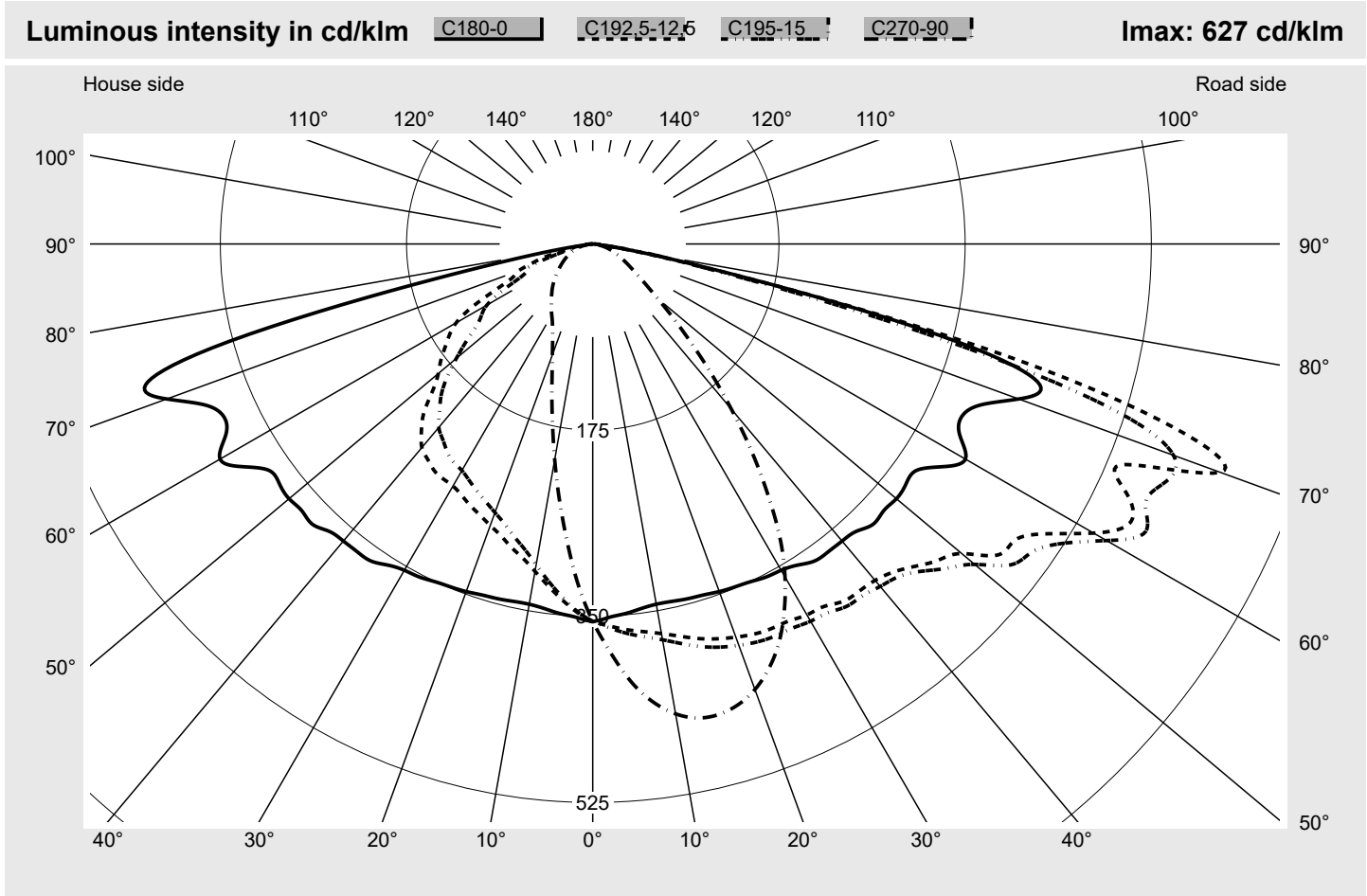
Rated values

Net luminous flux = 3180 lm

Power consumption = 23.6 W

Luminous efficacy = 134.7 lm/W

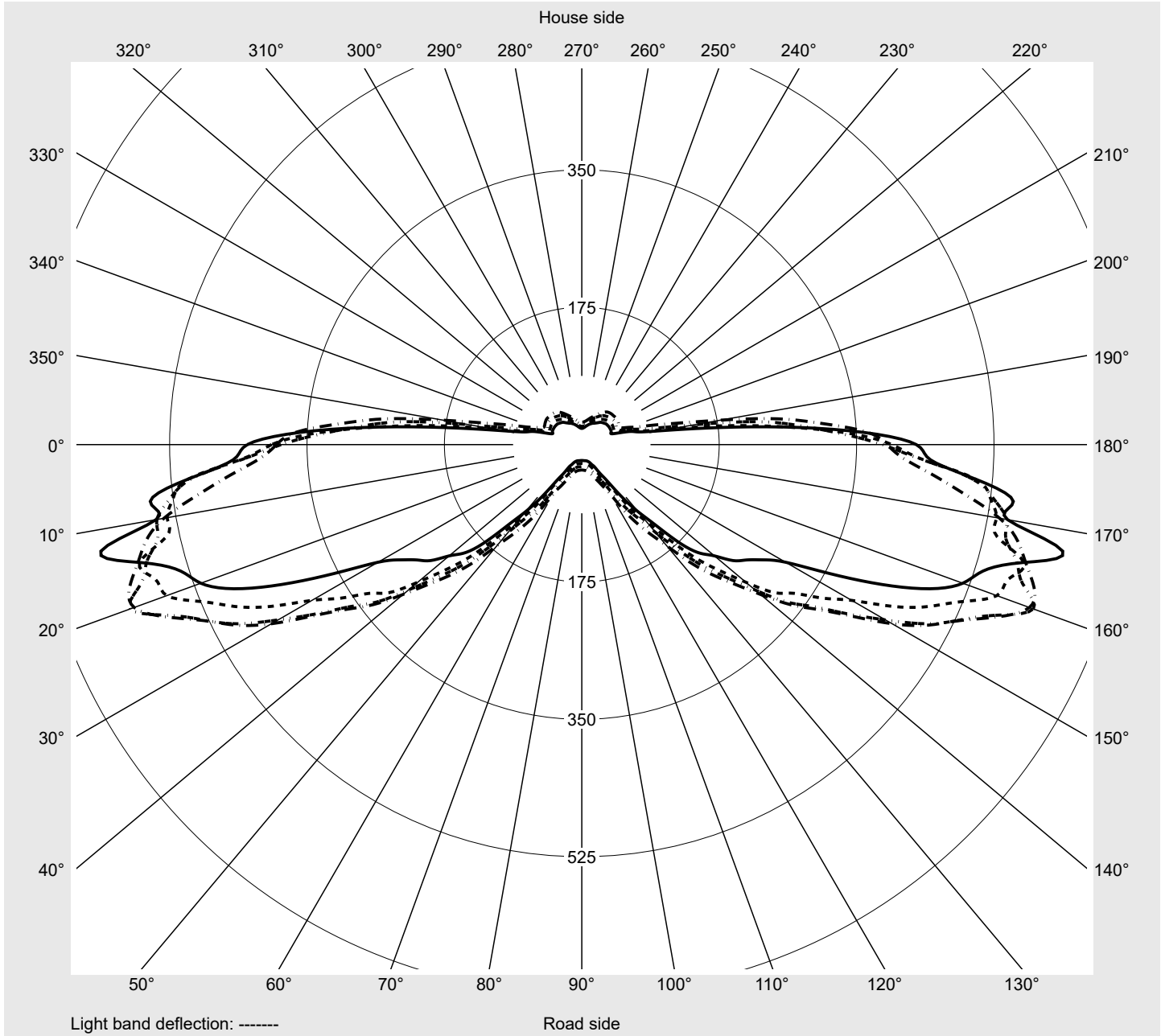
siteco



Luminaire output ratios		Luminous intensity class acc. to EN13201-2	
Eta	100.0%	Class:	G3
Eta 0° - 90°	100.0%	Imax 70°	627.5
Eta 90° - 180°	0.0%	Imax 80°	70.6
		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 70° KMK 67.5° KMK 65° KMK 62.5°		sit eco



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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°	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6
2,5°	351.4	352.5	353.9	355.6	357.6	359.5	361.3	363.0	364.7	366.2	367.7	369.0	370.2	371.3	372.1
5,0°	348.9	351.4	354.1	356.9	360.4	363.9	367.4	370.5	373.3	376.1	378.9	381.4	383.7	386.0	388.2
7,5°	345.8	349.9	353.9	358.1	362.8	367.6	372.5	376.7	380.9	384.7	388.3	391.8	394.9	398.1	401.0
10,0°	343.9	349.5	354.8	360.2	366.0	371.9	377.8	383.3	388.2	392.8	397.0	400.9	404.6	408.4	411.6
12,5°	344.1	351.1	357.8	364.1	370.8	377.7	384.7	390.7	396.2	401.1	405.6	409.8	413.7	417.5	420.9
15,0°	345.2	354.0	361.7	368.8	376.4	384.0	391.8	398.4	404.4	409.7	414.4	418.6	422.4	426.1	429.4
17,5°	346.0	355.9	364.6	372.8	380.9	389.2	397.4	404.5	411.2	416.8	421.8	426.0	430.1	433.7	436.8
20,0°	347.7	358.7	368.2	376.5	385.1	393.3	401.5	409.0	415.8	421.3	426.1	430.2	433.9	437.4	440.2
22,5°	348.9	361.4	371.2	380.1	388.6	396.9	404.8	412.0	418.8	424.3	428.6	432.1	435.0	437.6	439.8
25,0°	350.4	363.3	373.7	382.5	390.9	398.7	406.5	413.3	419.5	424.4	428.6	431.9	434.0	436.1	437.7
27,5°	352.9	365.9	376.2	384.4	392.1	399.5	407.0	413.8	419.9	424.9	428.2	430.6	432.0	432.8	432.9
30,0°	354.2	367.9	378.8	387.7	395.7	402.6	409.5	415.3	420.2	423.9	426.8	428.7	429.5	429.0	427.5
32,5°	358.0	371.5	382.4	390.4	397.6	404.1	411.0	417.3	422.7	425.9	427.3	427.3	425.9	423.9	421.1
35,0°	363.7	377.0	387.3	395.7	403.4	410.2	415.9	419.9	422.5	425.1	426.9	427.3	425.5	420.1	413.9
37,5°	364.3	377.7	389.3	398.9	406.3	411.4	416.7	422.4	427.3	429.7	428.0	423.2	419.2	416.0	409.9
40,0°	364.6	378.1	389.8	399.3	406.4	412.9	420.3	425.6	426.9	424.4	422.6	422.1	420.2	411.6	398.9
42,5°	366.5	379.9	392.5	403.5	411.2	418.3	424.5	427.4	427.0	426.9	425.5	419.9	411.2	402.8	395.4
45,0°	372.6	385.7	398.3	410.3	420.6	428.5	435.3	438.7	439.0	436.5	431.8	423.9	412.3	400.5	384.3
47,5°	371.0	387.0	402.4	416.3	428.2	440.2	451.2	458.3	456.0	448.1	441.4	430.6	417.1	403.2	383.6
50,0°	372.6	387.9	404.4	420.9	436.1	452.8	468.6	473.6	471.1	465.5	456.1	442.1	421.8	402.4	379.2
52,5°	371.0	392.3	409.5	430.5	456.6	480.2	495.4	494.1	483.8	477.1	468.3	454.5	432.5	408.2	381.1
55,0°	371.3	393.3	411.6	428.4	456.6	484.9	504.4	511.3	506.2	496.1	482.6	462.3	434.6	408.8	385.8
57,5°	389.7	406.7	435.2	459.5	484.3	507.0	523.8	528.6	523.9	504.5	487.9	466.5	436.1	403.9	376.6
60,0°	404.5	420.8	453.9	486.2	524.6	543.5	557.6	571.4	566.2	534.5	502.7	479.6	451.2	407.2	372.6
62,5°	388.9	410.8	450.0	494.0	540.4	568.8	585.8	603.9	606.7	573.4	530.7	498.0	456.4	406.2	365.9
65,0°	383.0	433.0	499.0	529.1	549.6	553.2	573.4	588.6	612.0	568.5	529.6	494.3	446.7	401.4	359.8
67,5°	395.1	434.6	503.0	525.1	536.3	541.9	583.3	569.7	562.5	522.9	487.9	446.4	396.9	364.2	330.4
70,0°	426.1	444.5	503.1	554.4	550.7	627.5	580.9	535.8	516.4	479.9	421.6	355.7	299.7	273.3	256.2
72,5°	440.7	442.5	505.1	561.0	554.6	570.8	505.6	448.7	436.3	393.6	315.4	246.7	202.7	179.6	161.8
75,0°	353.4	353.2	367.5	449.0	400.5	388.9	318.4	282.4	270.2	255.8	213.4	173.4	150.4	138.4	122.7
77,5°	153.0	205.1	206.9	212.1	170.9	150.7	128.2	120.2	120.9	126.0	124.3	112.0	102.4	92.8	76.5
80,0°	50.0	70.6	61.8	49.7	44.1	45.7	58.2	61.5	58.1	51.4	54.3	52.5	46.8	41.2	34.1
82,5°	10.3	10.3	10.4	10.8	11.5	13.2	15.9	13.6	14.2	12.7	13.7	12.2	11.3	10.9	10.4
85,0°	6.2	6.3	6.4	6.4	6.4	6.4	6.4	6.3	6.2	6.0	5.9	5.7	5.5	5.4	5.2
87,5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0	2.9	2.8	2.8	2.7
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

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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°	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6
2,5°	373.1	374.3	375.4	376.3	377.2	378.1	379.2	380.1	380.9	381.5	382.2	382.5	382.8	382.9	383.1
5,0°	390.2	392.4	394.6	396.6	398.4	400.1	401.9	403.5	405.1	406.4	407.6	408.5	409.2	409.8	410.4
7,5°	404.0	406.9	409.7	412.2	414.6	416.9	419.1	421.3	423.2	424.9	426.4	427.7	428.8	429.8	430.6
10,0°	414.9	418.2	421.3	424.0	426.6	429.1	431.5	433.9	436.1	437.9	439.7	441.0	442.4	443.6	444.7
12,5°	424.3	427.4	430.5	433.3	435.8	438.1	440.3	442.4	444.3	446.0	447.5	448.9	450.3	451.4	452.5
15,0°	432.4	434.9	437.5	439.7	441.8	443.6	445.2	446.8	448.1	449.4	450.5	451.4	452.3	453.3	454.4
17,5°	439.5	441.5	443.0	444.1	445.2	446.1	446.6	447.3	448.0	448.5	449.2	449.5	450.0	450.5	451.1
20,0°	442.5	444.2	445.6	446.4	446.6	446.3	445.8	445.0	444.4	444.0	443.7	443.5	443.5	443.4	443.5
22,5°	441.4	442.5	443.3	443.5	443.4	442.7	441.4	439.7	437.6	435.5	433.9	432.7	431.7	431.0	430.4
25,0°	438.0	437.9	437.5	436.5	435.5	434.2	432.2	429.5	426.4	423.1	420.1	417.5	415.6	414.3	413.1
27,5°	432.0	430.3	428.5	426.4	423.9	421.2	418.0	414.1	409.6	404.9	400.8	397.1	394.1	391.8	390.3
30,0°	424.3	421.1	417.3	413.5	409.4	404.7	400.0	394.2	388.3	382.2	377.1	372.6	369.0	366.0	364.1
32,5°	416.4	411.0	405.2	399.1	392.4	385.5	378.5	371.0	363.7	356.4	349.8	343.8	339.5	336.4	333.7
35,0°	407.1	399.5	391.2	383.1	374.4	365.2	355.9	345.6	336.1	326.9	318.7	311.6	305.8	301.1	297.7
37,5°	398.9	387.2	377.6	368.5	357.6	345.6	333.3	320.6	309.2	297.8	288.0	279.8	272.8	266.4	261.4
40,0°	388.6	377.7	363.4	350.5	338.1	323.8	309.4	294.9	281.7	269.4	258.6	248.9	240.1	232.1	225.1
42,5°	379.2	360.5	347.3	333.0	315.9	301.4	286.9	272.2	257.8	244.2	231.8	220.1	209.5	200.4	192.6
45,0°	365.4	350.4	331.0	312.4	298.3	281.2	265.0	248.4	233.3	218.4	204.6	191.6	180.5	170.9	162.5
47,5°	362.9	340.3	318.3	301.3	276.8	261.3	243.9	225.2	209.7	194.5	180.2	167.1	155.9	146.2	137.3
50,0°	358.5	332.7	308.1	282.4	259.1	239.4	221.4	202.3	184.7	169.9	156.6	144.4	133.2	123.0	113.7
52,5°	352.1	321.5	295.1	264.4	238.8	217.9	199.1	178.1	159.4	147.4	136.2	124.6	113.4	103.0	93.8
55,0°	356.2	320.6	284.5	247.5	219.6	197.7	175.7	154.3	140.6	126.9	117.0	105.7	94.7	84.5	75.9
57,5°	347.0	311.5	276.9	244.0	214.2	192.1	163.1	139.5	125.2	111.5	98.1	87.0	76.7	67.7	60.7
60,0°	344.3	308.6	273.8	243.2	217.0	186.5	153.9	129.8	113.3	97.9	80.8	69.3	60.8	53.8	48.7
62,5°	334.9	296.8	262.4	233.7	202.4	168.2	143.9	121.9	98.3	72.4	61.5	53.8	47.9	43.2	39.6
65,0°	329.6	288.2	251.2	219.6	182.4	145.9	118.5	99.9	75.6	58.4	48.8	42.7	38.2	34.9	32.5
67,5°	310.0	272.8	237.0	203.4	161.9	127.5	103.9	68.6	52.6	43.6	38.1	34.0	30.6	28.2	26.6
70,0°	242.7	220.5	205.0	179.0	139.2	111.9	84.9	57.0	44.3	33.6	29.5	26.4	24.1	22.8	21.9
72,5°	159.0	155.2	154.1	140.7	110.4	96.1	59.4	43.8	33.2	25.7	21.4	19.6	18.8	18.2	17.8
75,0°	105.3	97.6	92.3	83.4	66.5	53.3	32.1	32.0	22.5	17.9	16.4	15.4	14.7	14.3	14.2
77,5°	63.0	57.1	49.0	45.4	40.8	27.8	21.4	19.6	14.2	13.3	12.6	12.0	11.5	11.1	10.9
80,0°	26.2	24.3	22.6	17.3	14.0	13.2	14.1	12.7	10.2	9.6	9.2	8.8	8.5	8.3	7.9
82,5°	9.1	8.7	8.5	7.7	7.5	7.3	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.4
85,0°	5.1	5.1	4.9	4.8	4.6	4.5	4.3	4.1	3.8	3.6	3.3	3.2	3.1	3.1	3.1
87,5°	2.6	2.6	2.6	2.5	2.4	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3
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

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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°	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6
2,5°	383.3	383.7	383.9	384.1	384.4	384.6	384.6	350.3	349.1	348.2	347.1	346.3	345.3	344.5	343.4
5,0°	410.9	411.5	412.0	412.5	412.8	412.9	413.0	345.8	343.2	340.5	337.9	335.3	332.8	330.2	327.6
7,5°	431.5	432.2	432.9	433.5	433.8	434.1	434.2	341.3	336.8	332.3	327.9	323.8	319.6	315.5	311.4
10,0°	445.6	446.5	447.2	447.9	448.2	448.4	448.5	337.4	331.0	324.7	318.4	312.5	306.3	300.4	294.5
12,5°	453.6	454.4	455.1	455.7	456.0	456.3	456.4	335.6	327.3	319.0	310.7	302.7	294.3	286.4	278.5
15,0°	455.0	456.0	456.7	457.1	457.5	457.8	457.9	334.9	325.0	315.1	304.9	295.3	284.9	275.3	265.6
17,5°	451.8	452.6	453.0	453.5	453.8	454.1	454.2	334.1	322.2	310.6	298.8	287.4	275.8	264.6	253.7
20,0°	443.6	443.9	444.5	444.9	445.2	445.6	445.7	334.7	321.0	307.6	294.2	281.6	268.7	256.5	244.3
22,5°	430.4	430.2	430.5	431.0	431.5	431.9	432.2	334.3	319.4	304.8	289.9	276.2	262.3	249.2	235.9
25,0°	412.3	412.0	412.1	412.5	413.1	413.6	413.9	334.9	318.3	302.2	286.3	271.6	256.6	242.5	228.4
27,5°	389.1	388.4	388.2	388.5	389.1	389.7	389.7	335.8	318.1	300.0	282.3	266.5	251.0	235.8	220.2
30,0°	362.6	361.1	360.4	360.3	361.0	361.4	361.4	336.2	317.0	297.2	278.7	262.7	245.9	229.2	212.9
32,5°	331.4	329.3	327.8	327.2	327.3	327.6	327.5	339.9	318.9	297.4	278.0	261.8	243.4	224.7	206.7
35,0°	294.4	291.3	289.0	287.7	287.2	286.8	286.5	345.0	322.6	299.4	278.5	259.9	238.5	217.9	200.2
37,5°	257.2	253.2	250.0	247.8	246.4	245.4	244.8	344.9	321.1	295.9	274.5	255.0	231.6	210.9	194.7
40,0°	219.8	215.0	210.8	207.3	204.9	203.3	202.6	346.8	318.7	290.9	270.8	249.9	225.0	206.1	189.9
42,5°	186.1	180.1	174.7	170.2	167.0	165.0	164.3	344.6	311.6	282.4	262.5	238.4	213.1	196.7	175.7
45,0°	154.9	147.6	141.1	135.8	132.3	130.1	129.4	351.4	311.5	280.5	256.6	224.4	201.5	183.0	155.7
47,5°	128.9	120.9	114.0	108.3	104.6	102.5	101.8	346.0	301.3	268.4	238.5	203.9	185.9	156.3	131.4
50,0°	105.2	97.1	90.4	85.0	81.7	79.9	79.4	347.9	301.8	263.6	223.8	189.5	167.3	133.0	118.1
52,5°	85.4	77.8	72.0	67.7	65.4	64.0	63.6	341.1	290.7	250.0	209.8	180.0	149.3	122.3	106.1
55,0°	68.5	62.2	57.8	55.1	53.6	52.7	52.4	340.1	283.3	239.2	197.9	169.5	132.8	111.5	89.8
57,5°	54.8	50.5	47.5	45.8	44.9	44.2	44.1	358.4	294.5	241.3	192.4	159.8	123.7	100.2	78.5
60,0°	45.0	42.0	40.1	39.0	38.4	37.9	37.7	372.1	308.5	252.4	192.2	148.3	114.8	84.3	72.6
62,5°	37.1	35.2	33.9	33.2	32.8	32.5	32.4	363.9	307.8	251.7	179.4	126.8	96.8	75.1	64.4
65,0°	30.8	29.6	29.0	28.6	28.4	28.1	28.0	328.8	277.9	223.9	145.5	98.0	76.2	64.3	53.4
67,5°	25.7	25.1	24.7	24.4	24.2	24.0	23.9	338.6	259.4	184.3	115.3	80.8	67.7	56.0	47.4
70,0°	21.4	21.0	20.8	20.6	20.4	20.3	20.2	358.6	257.2	162.1	101.4	74.6	64.8	49.8	40.4
72,5°	17.4	17.2	17.1	16.9	16.7	16.6	16.6	335.2	240.6	184.7	112.8	59.2	46.1	34.5	33.5
75,0°	14.0	13.8	13.7	13.5	13.3	13.3	13.2	268.1	215.0	161.6	101.7	45.0	29.4	26.2	27.3
77,5°	10.7	10.5	10.3	10.2	9.9	9.8	9.6	138.3	134.3	95.9	50.4	21.9	19.1	19.8	21.0
80,0°	7.6	7.4	7.2	7.0	6.9	6.8	6.7	61.0	45.2	28.8	25.5	18.3	12.8	13.6	14.7
82,5°	5.1	4.9	4.7	4.6	4.5	4.4	4.3	10.1	9.2	8.6	8.2	7.8	7.8	8.1	8.4
85,0°	3.0	2.8	2.7	2.6	2.5	2.4	2.3	5.8	5.8	5.6	5.3	5.1	4.9	4.7	4.5
87,5°	1.2	1.2	1.2	1.1	1.0	0.9	0.9	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6
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 11 mini LED	Order number: 5XC2BC1F08GE EAN: 4069025076595	LP number 59338_406
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°	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6
2,5°	342.5	341.5	340.5	339.1	337.4	335.7	334.2	333.3	332.3	331.4	330.5	329.4	328.5	327.5	326.8
5,0°	325.2	322.7	320.1	317.2	314.2	311.3	308.6	306.2	304.0	301.8	299.7	297.6	295.6	293.7	292.1
7,5°	307.3	303.1	299.0	294.8	290.5	286.4	282.4	278.9	275.6	272.4	269.2	266.2	263.4	260.7	258.3
10,0°	288.8	283.1	277.6	272.1	266.4	261.3	256.3	251.6	247.3	243.1	239.1	235.3	231.8	228.5	225.6
12,5°	270.9	263.5	256.3	249.3	242.5	236.1	230.1	224.6	219.5	214.6	210.0	205.8	201.9	198.1	194.8
15,0°	256.2	247.1	238.2	229.8	221.8	214.1	207.0	200.5	194.6	189.1	184.1	179.6	175.5	171.6	168.2
17,5°	242.8	232.1	222.1	212.4	203.1	194.9	186.7	179.3	172.6	166.6	161.1	156.3	152.1	148.3	145.1
20,0°	232.3	220.5	209.5	198.9	188.8	179.4	170.6	162.6	155.2	148.6	142.8	137.9	133.7	129.9	126.9
22,5°	223.1	210.7	198.7	187.2	176.5	166.6	157.2	148.6	140.6	133.7	127.8	122.8	118.7	115.2	112.5
25,0°	214.6	201.5	189.2	177.7	166.4	156.2	146.2	137.0	128.7	121.7	115.8	111.2	107.4	104.2	101.7
27,5°	205.6	192.2	179.7	168.0	156.2	145.4	135.3	126.5	118.5	111.7	106.2	101.9	98.6	95.9	93.6
30,0°	197.6	183.5	170.6	158.0	145.8	135.1	125.3	117.2	110.1	104.0	99.1	95.2	92.3	90.0	88.0
32,5°	190.9	175.8	161.1	147.6	135.5	125.3	116.7	109.3	102.9	97.5	93.3	90.1	87.6	85.4	83.6
35,0°	184.2	167.1	151.0	137.2	125.8	116.5	108.6	102.0	96.5	92.1	88.8	86.1	83.9	81.9	80.1
37,5°	178.0	158.9	141.7	128.8	117.5	108.5	101.3	96.0	92.0	88.6	86.0	83.7	81.7	79.6	77.7
40,0°	168.5	147.7	133.5	120.8	109.3	101.0	95.4	91.6	88.5	85.9	83.8	81.8	79.8	77.8	75.7
42,5°	151.9	136.6	124.1	109.6	99.9	94.9	91.3	88.4	86.1	84.2	82.4	80.6	78.5	76.2	73.9
45,0°	137.3	124.8	108.5	97.2	92.9	90.1	87.6	85.7	84.1	82.6	81.0	79.0	76.8	74.4	72.0
47,5°	120.4	105.9	94.1	90.1	87.6	85.5	83.9	82.8	81.9	80.6	79.1	77.1	75.1	72.4	69.7
50,0°	102.4	88.1	84.3	82.5	81.2	80.4	80.1	79.8	79.0	78.0	76.5	74.7	72.4	69.7	67.0
52,5°	86.3	80.5	77.4	76.1	75.5	75.5	75.7	75.9	75.7	74.9	73.2	71.5	69.3	66.8	64.0
55,0°	79.7	74.5	71.4	69.9	69.4	69.9	70.5	70.9	71.1	70.7	69.6	68.0	65.7	63.2	60.5
57,5°	71.0	65.7	62.1	62.4	63.4	64.7	65.3	65.7	65.8	65.4	64.9	63.9	62.0	59.6	56.8
60,0°	65.2	58.1	56.9	57.6	58.6	59.4	60.0	60.2	60.2	60.2	60.0	59.2	57.8	55.5	52.8
62,5°	55.7	53.1	53.3	54.1	54.7	55.3	55.3	55.0	54.6	54.4	54.1	53.4	52.4	50.5	48.3
65,0°	49.2	48.7	49.3	50.1	50.9	51.3	51.1	50.6	50.1	49.3	48.4	47.3	46.5	44.9	43.2
67,5°	44.8	45.1	45.3	45.8	46.1	46.2	46.0	45.7	45.0	44.1	43.0	42.0	40.5	38.9	37.7
70,0°	40.2	41.1	41.3	41.4	41.4	41.2	40.9	40.7	39.9	39.0	38.1	37.1	35.4	33.9	32.6
72,5°	34.5	36.1	36.6	36.6	36.5	36.4	36.0	35.3	34.8	34.4	33.6	32.2	30.8	29.4	28.3
75,0°	28.8	30.2	30.9	31.3	31.4	31.4	31.3	30.8	30.3	30.0	29.2	28.0	26.7	25.5	24.4
77,5°	22.6	23.8	24.8	25.3	25.5	25.8	26.0	25.8	25.6	25.8	25.0	24.0	22.8	21.7	20.6
80,0°	15.8	16.8	17.7	18.5	19.0	19.2	19.2	19.2	19.4	20.1	19.8	19.2	18.4	17.6	16.9
82,5°	8.9	9.3	9.8	10.6	11.3	11.8	12.0	12.1	12.1	12.5	13.0	13.0	12.9	12.7	12.5
85,0°	4.4	4.3	4.2	4.0	3.9	3.8	3.8	3.9	4.0	4.2	4.6	5.0	5.5	5.9	6.2
87,5°	2.6	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.5	1.4	1.3
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 11 mini LED	Order number: 5XC2BC1F08GE EAN: 4069025076595	LP number 59338_406
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°	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	354.6	0.5	0.5
2,5°	326.1	325.4	324.7	324.0	323.3	322.7	322.1	321.6	320.9	320.4	320.0	319.8	319.7	4.2	4.8
5,0°	290.4	289.0	287.5	286.3	285.1	284.0	283.0	282.1	281.2	280.5	279.9	279.6	279.4	8.3	13.1
7,5°	255.9	253.8	251.8	250.0	248.3	246.8	245.5	244.3	243.3	242.4	241.8	241.4	241.3	12.2	25.3
10,0°	222.7	220.1	217.7	215.5	213.5	211.8	210.3	209.0	207.9	207.0	206.4	206.1	205.9	15.9	41.3
12,5°	191.7	189.1	186.5	184.1	182.1	180.3	178.7	177.3	176.3	175.4	174.8	174.5	174.5	19.4	60.6
15,0°	165.0	162.3	159.8	157.6	155.6	153.8	152.3	151.1	150.1	149.3	148.8	148.5	148.4	22.6	83.3
17,5°	142.0	139.5	137.2	135.2	133.4	131.9	130.5	129.4	128.5	127.8	127.3	127.0	127.0	25.7	108.9
20,0°	124.1	121.9	119.9	118.1	116.6	115.3	114.1	113.1	112.4	111.8	111.3	111.0	110.9	28.5	137.4
22,5°	110.0	108.0	106.2	104.7	103.4	102.3	101.3	100.4	99.7	99.1	98.8	98.6	98.5	31.1	168.5
25,0°	99.6	97.9	96.3	94.9	93.7	92.7	91.8	91.1	90.5	89.9	89.6	89.4	89.3	33.4	201.9
27,5°	91.6	90.1	88.7	87.4	86.3	85.4	84.5	83.8	83.3	82.9	82.5	82.3	82.3	35.4	237.3
30,0°	86.2	84.6	83.2	81.9	80.9	80.0	79.3	78.6	78.0	77.6	77.3	77.1	77.1	37.0	274.3
32,5°	81.9	80.5	79.1	77.9	76.7	75.6	74.8	74.1	73.4	72.9	72.7	72.5	72.5	38.3	312.7
35,0°	78.4	76.8	75.4	74.1	72.9	71.7	70.7	69.7	69.0	68.4	68.1	67.9	67.8	39.3	352.0
37,5°	75.9	74.1	72.5	70.9	69.5	68.2	67.0	66.0	65.2	64.5	64.1	63.9	63.8	39.9	391.9
40,0°	73.5	71.5	69.7	67.9	66.2	64.7	63.3	62.2	61.4	60.7	60.2	60.0	59.8	40.2	432.1
42,5°	71.4	69.2	67.1	65.0	63.0	61.4	60.0	58.7	57.8	57.1	56.6	56.3	56.2	40.3	472.4
45,0°	69.3	66.9	64.3	62.0	59.8	58.0	56.4	55.0	54.1	53.3	52.8	52.4	52.3	40.4	512.8
47,5°	66.8	64.1	61.4	58.8	56.5	54.5	52.9	51.6	50.5	49.5	49.0	48.6	48.5	40.4	553.2
50,0°	64.0	61.2	58.2	55.7	53.2	51.1	49.3	47.8	46.6	45.7	45.0	44.7	44.6	40.4	593.6
52,5°	61.0	58.0	55.2	52.5	50.1	48.0	46.1	44.4	43.1	42.1	41.4	41.1	41.0	40.5	634.2
55,0°	57.7	54.8	51.9	49.3	46.9	44.9	42.9	41.3	40.0	38.9	38.2	37.8	37.7	40.5	674.7
57,5°	53.9	51.2	48.5	46.0	43.8	41.6	39.8	38.2	36.9	35.8	35.0	34.6	34.4	41.1	715.7
60,0°	49.9	47.3	44.9	42.7	40.5	38.5	36.7	35.1	33.8	32.7	32.0	31.6	31.4	42.3	758.0
62,5°	45.9	43.4	41.1	39.0	37.1	35.3	33.5	32.0	30.7	29.8	29.1	28.7	28.6	42.5	800.6
65,0°	41.1	39.3	37.6	35.6	33.7	32.2	30.6	29.2	28.1	27.0	26.4	26.0	26.0	41.7	842.2
67,5°	36.4	35.0	33.5	32.1	30.6	29.2	27.8	26.5	25.5	24.5	23.8	23.4	23.2	39.6	881.8
70,0°	31.4	30.7	29.7	28.6	27.5	26.2	25.0	23.9	22.8	21.9	21.2	20.8	20.7	37.3	919.1
72,5°	27.4	26.5	25.6	24.9	24.0	23.0	22.0	20.8	19.8	19.0	18.4	17.9	17.9	32.6	951.7
75,0°	23.4	22.5	21.6	20.8	20.2	19.4	18.5	17.6	16.7	15.9	15.3	14.9	14.7	24.1	975.8
77,5°	19.7	18.9	18.0	17.2	16.4	15.7	15.2	14.3	13.5	12.8	12.1	11.8	11.7	13.5	989.3
80,0°	16.1	15.3	14.5	13.7	13.0	12.3	11.5	10.8	10.0	9.4	8.8	8.4	8.3	6.3	995.6
82,5°	12.1	11.6	11.2	10.6	9.8	9.1	8.2	7.4	6.7	6.3	5.8	5.6	5.5	2.5	998.2
85,0°	6.4	6.4	6.4	6.3	6.0	5.4	4.8	4.2	3.7	3.3	2.9	2.0	2.5	1.3	999.4
87,5°	1.3	1.2	1.2	1.2	1.3	1.4	1.3	1.3	1.1	0.8	0.5	0.3	0.3	0.6	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 11 mini LED	Order number: 5XC2BC1F08GE EAN: 4069025076595	LP number 59338_406
Dimming levels table		environmental temperature: 25°C

siteco

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	3180	23.6	24.3	24.0
95	241	252	3017	22.4	23.0	22.7
90	229	250	2867	21.3	21.8	21.6
85	216	248	2704	20.1	20.6	20.4
80	203	246	2541	18.9	19.4	19.2
75	190	243	2379	17.7	18.1	17.9
70	178	241	2229	16.6	17.0	16.8
65	165	238	2066	15.5	15.9	15.7
60	152	235	1903	14.3	14.7	14.5
55	140	232	1753	13.3	13.6	13.4
50	127	229	1590	12.2	12.5	12.4
45	114	225	1427	11.0	11.3	11.2
40	102	221	1277	10.0	10.2	10.1
35	89	216	1114	8.9	9.1	9.0
30	76	210	951	7.9	8.1	8.0
25	63	203	789	6.8	6.9	6.8
20	51	195	639	5.8	5.9	5.8
15	38	184	476	4.7	4.8	4.8
12	31	177	388	4.0	4.1	4.0