

Photometric test report

Family

Streetlight 11 mini LED



Order number: 5XC2BC1F08HE

EAN: 4069025076618

LP number

59338_475

Version

post-top or side-entry mounting, Colour Switch

Optic

asymmetric, extremely wide distribution (ST0.5a)

Cover

transparent, PMMA

Lamps

LED 2700 K | CRI ≥ 70

Controlgear

ECG SITECO iQ

Setting

individual position

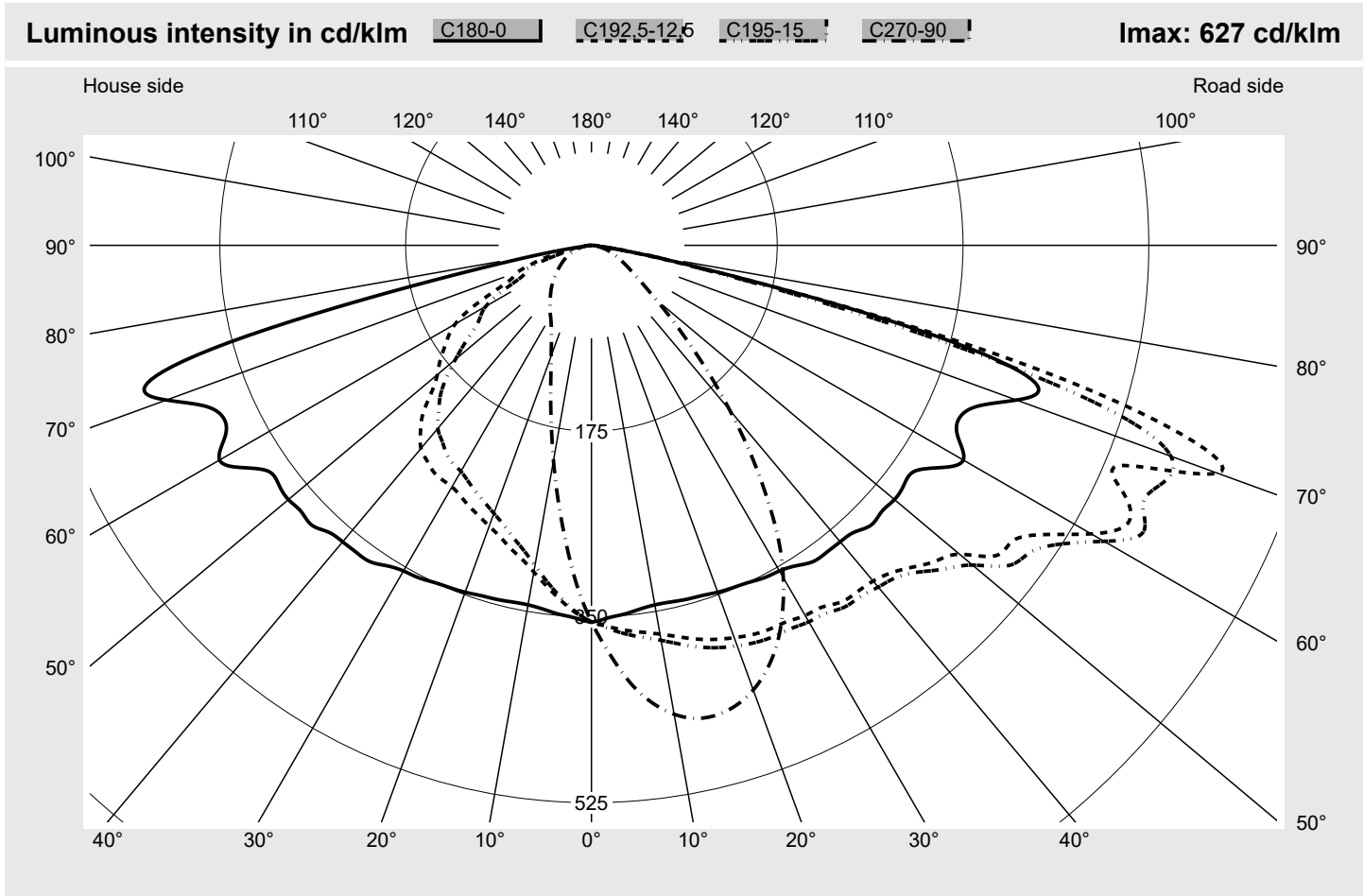
Rated values

Net luminous flux = 7510 lm
Power consumption = 60.5 W
Luminous efficacy = 124.1 lm/W

serial documentation

24.06.2024

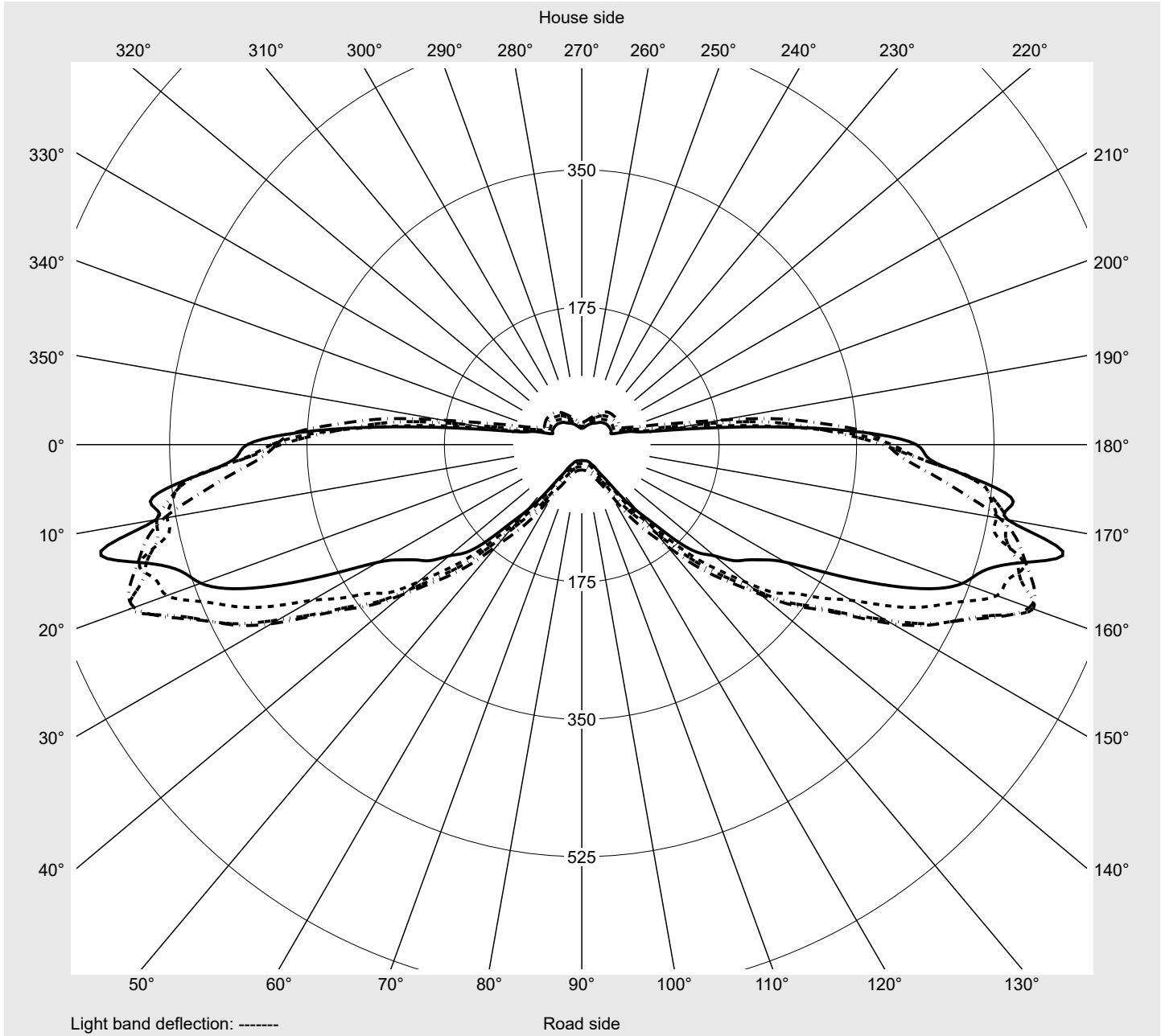
siteco



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°		siteco



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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
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C- planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
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: 5XC2BC1F08HE EAN: 4069025076618	LP number 59338_475
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: 5XC2BC1F08HE EAN: 4069025076618	LP number 59338_475
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: 5XC2BC1F08HE EAN: 4069025076618	LP number 59338_475
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	7510	60.5	63.8	62.2
95	241	252	7126	56.8	59.9	58.4
90	229	250	6771	53.5	56.3	54.9
85	216	248	6386	50.1	52.7	51.4
80	203	246	6002	46.7	49.1	47.9
75	190	243	5618	43.4	45.6	44.5
70	178	241	5263	40.3	42.4	41.3
65	165	238	4879	37.2	39.1	38.2
60	152	235	4494	34.2	35.8	35.0
55	140	232	4139	31.4	32.9	32.2
50	127	229	3755	28.4	29.8	29.1
45	114	225	3371	25.6	26.8	26.2
40	102	221	3016	23.0	24.0	23.5
35	89	216	2631	20.2	21.1	20.6
30	76	210	2247	17.5	18.2	17.8
25	63	203	1863	15.0	15.5	15.2
20	51	195	1508	12.6	13.1	12.8
15	38	184	1124	10.1	10.4	10.2
10	25	169	739	7.7	8.0	7.8
8	21	163	621	6.7	7.0	6.8