

Photometric test report

Family

Streetlight 11 mini LED



Order number: 5XC2BC1F08HE

EAN: 4069025076618

LP number

59338_477

serial documentation

24.06.2024

Version

post-top or side-entry mounting, Colour Switch

Optic

asymmetric, extremely wide distribution (ST0.5a)

Cover

transparent, PMMA

Lamps

LED 4000 K | CRI ≥ 70

Controlgear

ECG SITECO iQ

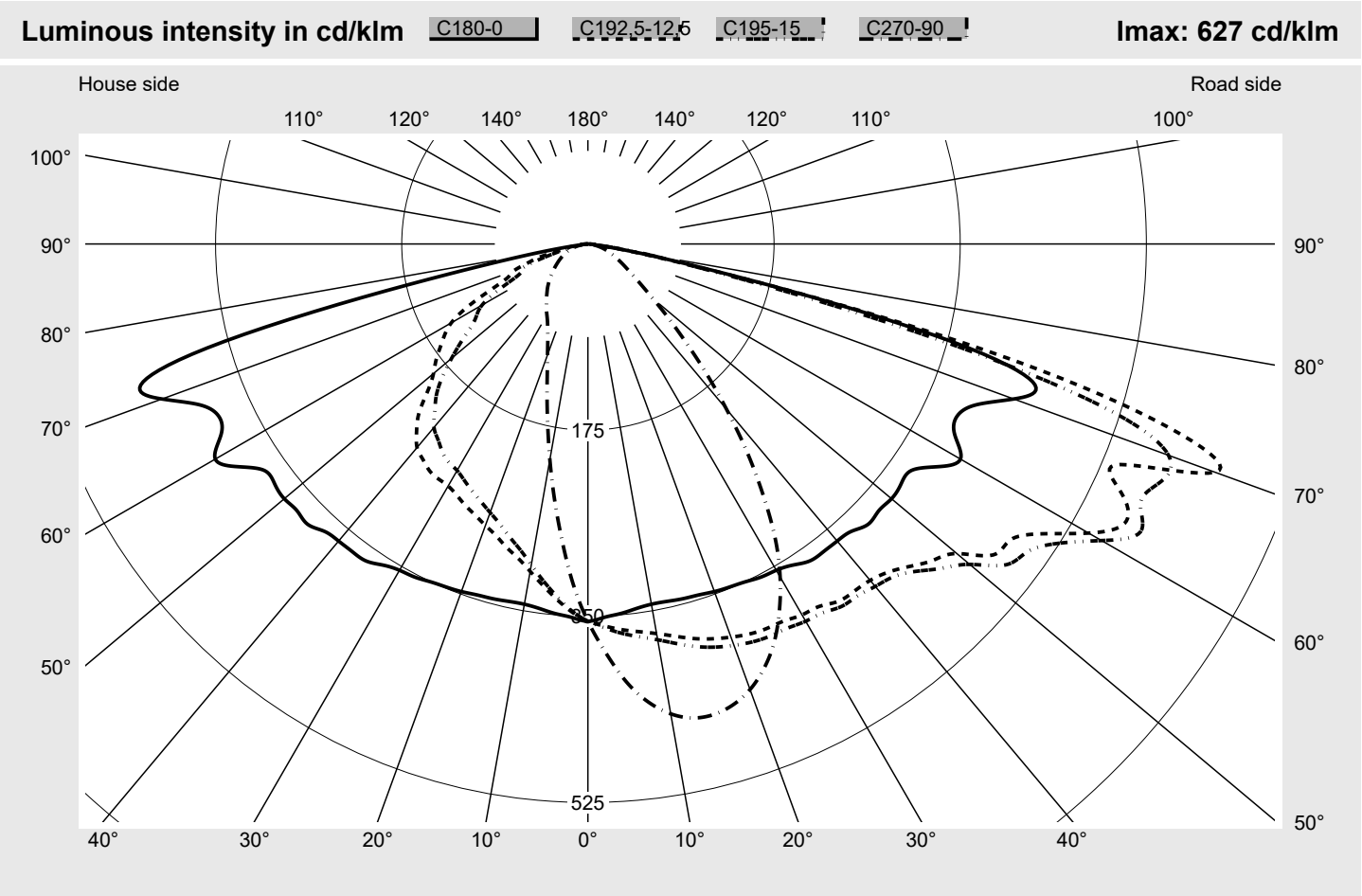
Setting

individual position

Rated values

Net luminous flux = 8770 lm
Power consumption = 62.9 W
Luminous efficacy = 139.4 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

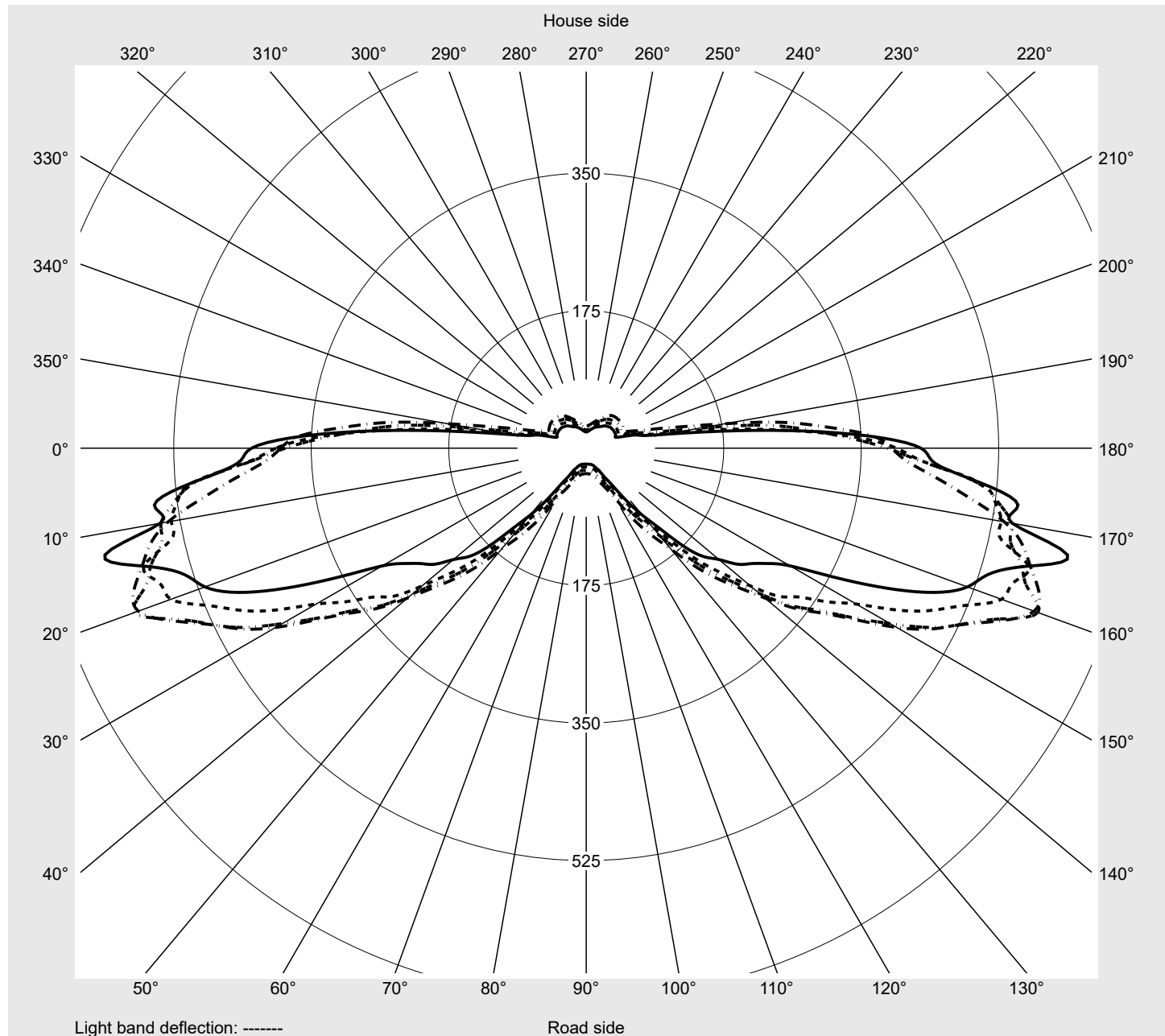
KMK 70°

KMK 67.5°

KMK 65°

KMK 62.5°

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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Family Streetlight 11 mini LED	Order number: 5XC2BC1F08HE EAN: 4069025076618	LP number 59338_477
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: 5XC2BC1F08HE EAN: 4069025076618	LP number 59338_477
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_477
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_477
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	8770	62.9	66.2	64.6
95	241	252	8321	58.9	62.0	60.4
90	229	250	7907	55.3	58.2	56.8
85	216	248	7458	51.6	54.2	52.9
80	203	246	7009	47.9	50.4	49.2
75	190	243	6560	44.3	46.6	45.4
70	178	241	6146	41.2	43.3	42.2
65	165	238	5697	37.9	39.8	38.8
60	152	235	5248	34.7	36.4	35.6
55	140	232	4834	31.8	33.3	32.6
50	127	229	4385	28.7	30.1	29.4
45	114	225	3936	25.7	26.9	26.3
40	102	221	3522	23.0	24.2	23.6
35	89	216	3073	20.2	21.1	20.6
30	76	210	2624	17.5	18.3	17.9
25	63	203	2175	14.9	15.5	15.2
20	51	195	1761	12.6	13.0	12.8
15	38	184	1312	10.0	10.4	10.2
10	25	169	863	7.6	7.9	7.8
9	22	164	760	6.9	7.1	7.0