

Photometric test report

Family Streetlight 11 mini LED



Order number: 5XC2B51E08HE
EAN: 4058352583630

LP number
59338_33

Version post-top or side-entry mounting
Optic asymmetric, extremely wide distribution (ST0.5a)
Cover transparent, PMMA
Lamps LED 3000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 8410 lm
Power consumption = 58.6 W
Luminous efficacy = 143.5 lm/W

serial
documentation
19.07.2022

siteco

Luminous intensity in cd/klm

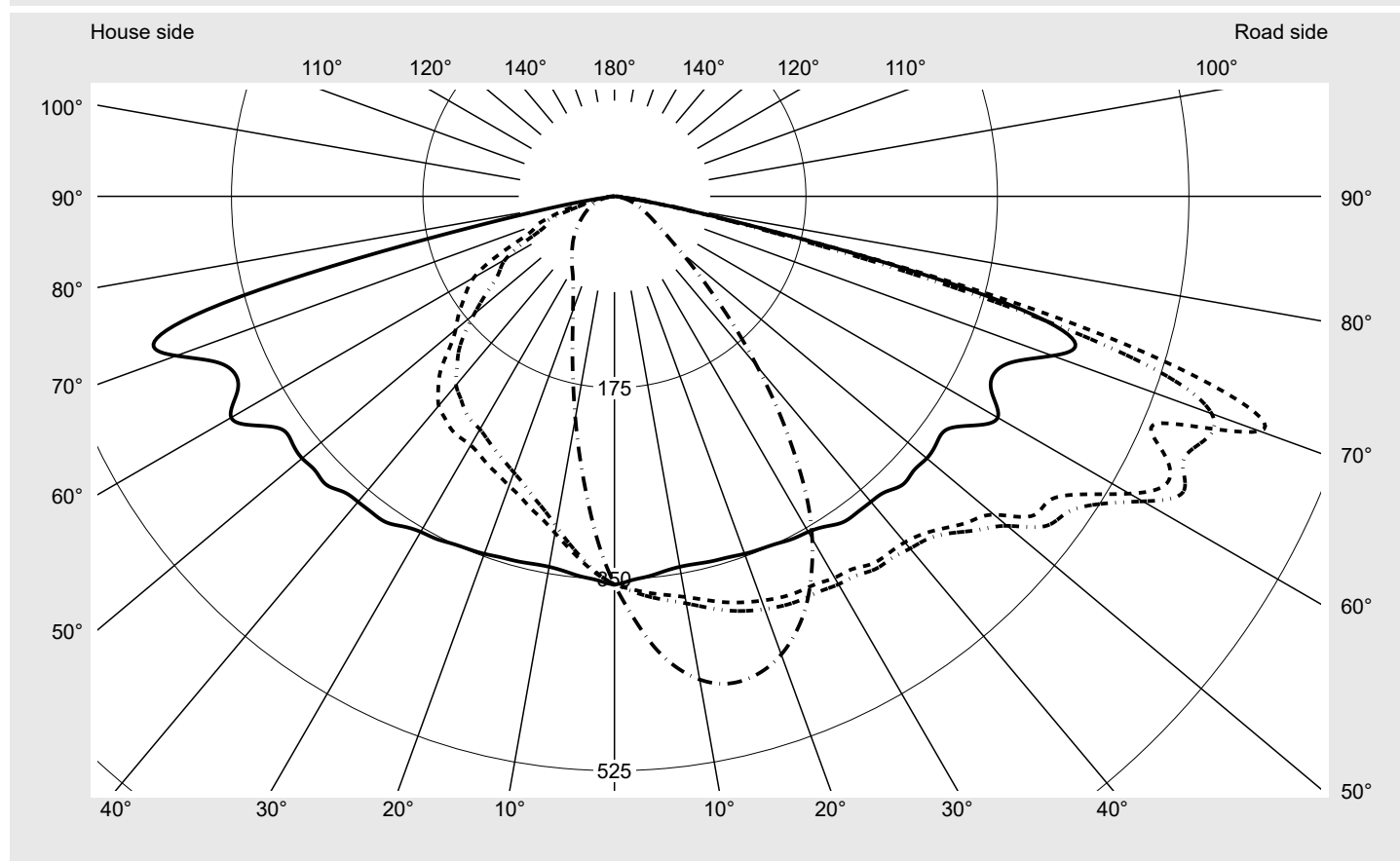
C180-0

C192.5-12.5

C195-15

C270-90

Imax: 627 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

Luminous intensity class acc. to EN13201-2

Class:	G3
Imax 70°	627.5
Imax 80°	70.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

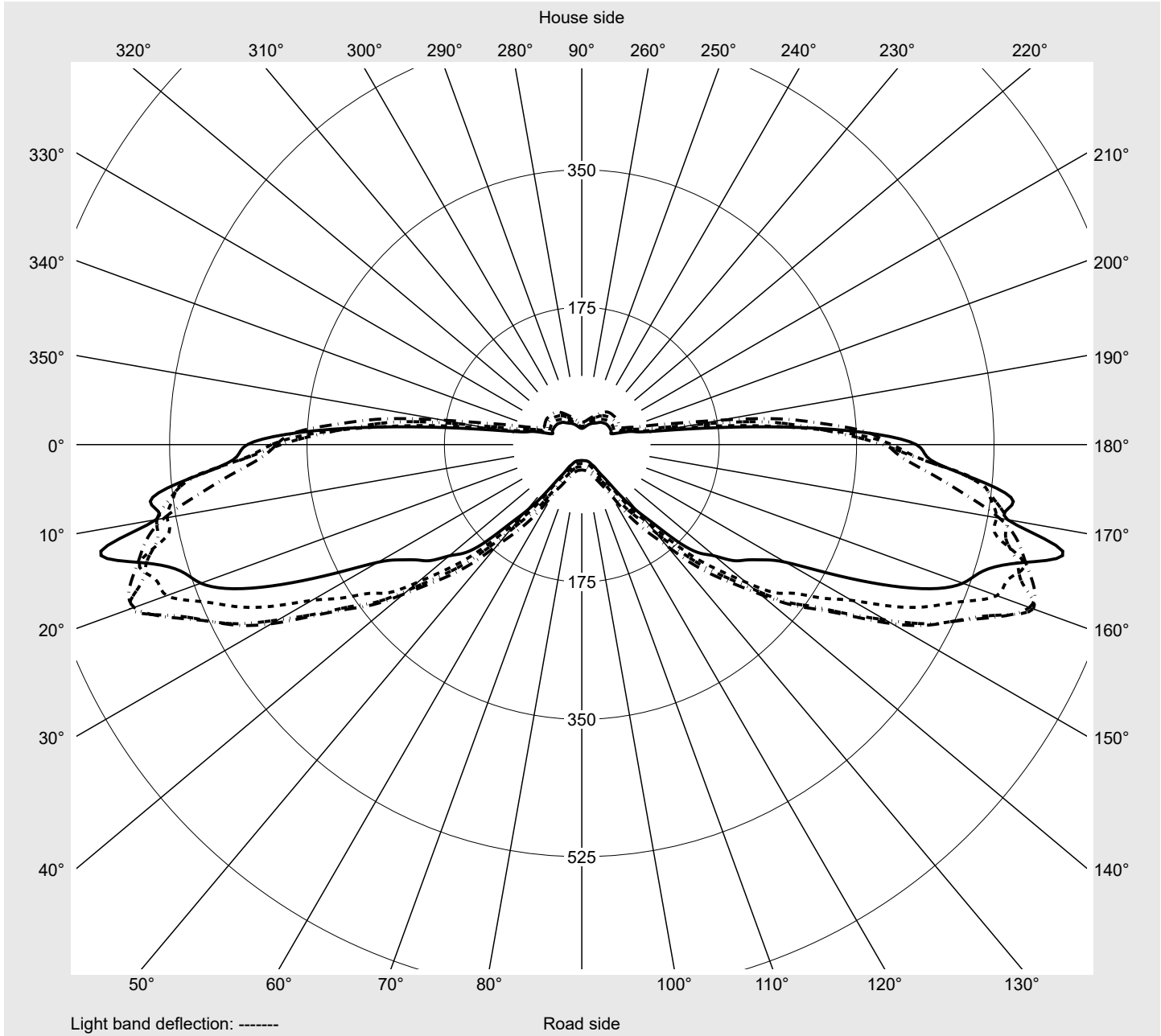
Measurement conditions

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°

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Family Streetlight 11 mini LED	Order number: 5XC2B51E08HE EAN: 4058352583630	LP number 59338_33
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: 5XC2B51E08HE EAN: 4058352583630	LP number 59338_33
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: 5XC2B51E08HE EAN: 4058352583630	LP number 59338_33
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: 5XC2B51E08HE EAN: 4058352583630	LP number 59338_33
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: 5XC2B51E08HE EAN: 4058352583630	LP number 59338_33
Dimming levels table environmental temperature: 25°C		

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	8410	58.6	60.9	59.8
95	241	252	7980	55.0	57.2	56.1
90	229	250	7582	51.9	53.9	52.9
85	216	248	7152	48.6	50.4	49.5
80	203	246	6721	45.3	47.0	46.2
75	190	243	6291	42.1	43.8	43.0
70	178	241	5894	39.3	40.7	40.0
65	165	238	5463	36.2	37.6	36.9
60	152	235	5033	33.2	34.4	33.8
55	140	232	4635	30.5	31.6	31.0
50	127	229	4205	27.5	28.5	28.0
45	114	225	3775	24.7	25.6	25.2
40	102	221	3377	22.2	23.0	22.6
35	89	216	2947	19.4	20.1	19.8
30	76	210	2516	16.7	17.3	17.0
25	63	203	2086	14.1	14.6	14.4
20	51	195	1689	11.7	12.1	11.9
15	38	184	1258	9.1	9.4	9.2
14	35	181	1159	8.5	8.8	8.6