

Photometric test report

Family
Streetlight 11 mini LED

Order number: 5XC2HC1F08GE
EAN: 4069025225412

LP number
59339_266

serial
documentation
25.04.2024



Version post-top or side-entry mounting
Optic asymmetric, extremely wide distribution with an additional rear light component (ST0.5ST0.5)
Cover transparent, PMMA
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Setting individual position
Rated values Net luminous flux = 3690 lm
 Power consumption = 23.7 W
 Luminous efficacy = 155.7 lm/W

siteco

Luminous intensity in cd/klm

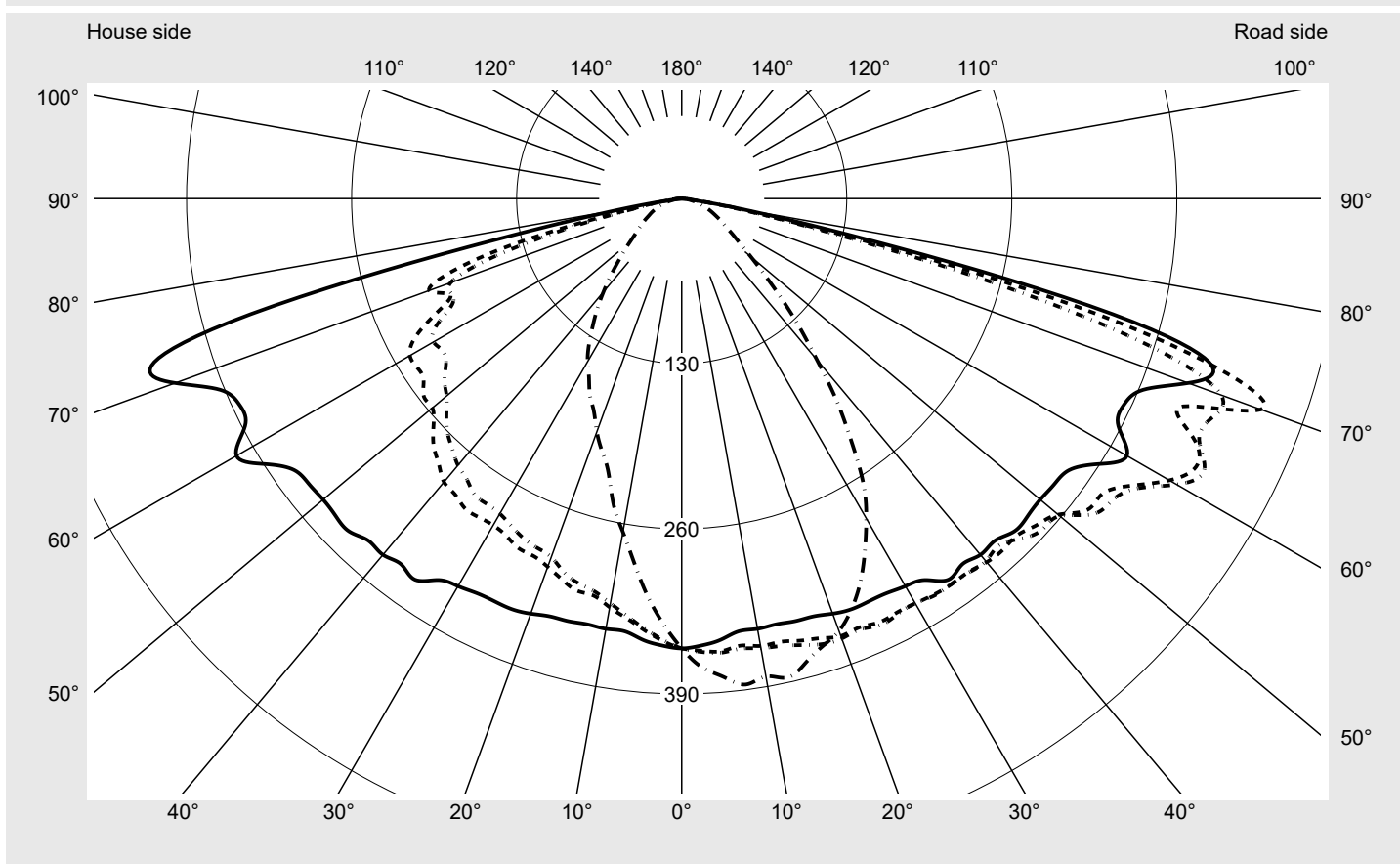
C180-0

C192.5-12.5

C195-15

C270-90

Imax: 485 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:	G4
Imax 70°	485.5
Imax 80°	67.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family
Streetlight 11 mini LED

Order number: **5XC2HC1F08GE**
EAN: **4069025225412**

LP number
59339_266

Envelope curve in cd/klm

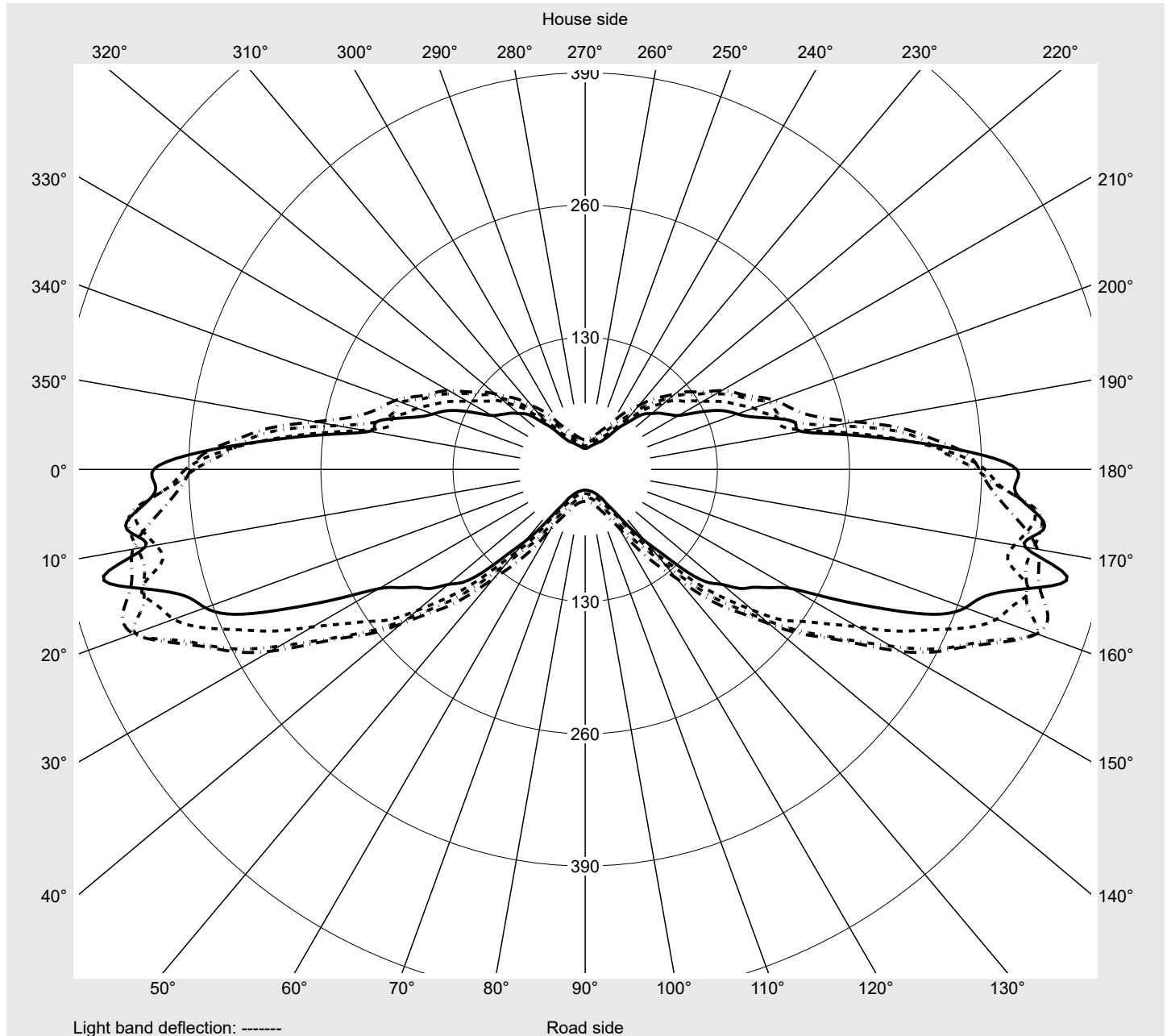
KMK 70°

KMK 67.5°

KMK 65°

KMK 62.5°

siteco



Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2HC1F08GE EAN: 4069025225412	LP number 59339_266
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°	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2
2,5°	352.2	353.7	353.6	354.5	355.2	356.3	357.3	358.1	359.3	360.3	361.4	361.6	362.5	363.1	364.4
5,0°	348.9	350.4	352.9	355.0	355.9	357.8	358.9	360.2	361.9	363.3	364.6	366.3	367.5	369.4	370.9
7,5°	343.7	345.7	348.5	350.3	352.6	355.0	357.4	360.2	362.6	363.9	366.3	368.4	369.8	370.1	371.3
10,0°	344.0	346.0	348.4	351.2	353.8	357.7	359.5	362.4	366.1	368.0	369.9	370.9	372.9	372.9	374.6
12,5°	343.3	346.8	349.2	351.8	354.6	357.5	360.8	363.4	366.6	369.3	370.9	372.6	373.6	374.9	375.5
15,0°	344.5	349.3	352.8	355.6	357.2	360.4	364.0	366.7	369.8	371.0	372.8	374.2	375.1	377.1	377.5
17,5°	344.9	349.8	353.7	357.2	360.0	363.0	367.8	372.1	372.9	373.1	373.7	374.7	374.8	374.6	375.4
20,0°	347.8	353.8	356.7	361.3	364.1	366.6	368.6	370.3	372.5	374.8	376.2	377.0	377.2	375.3	374.4
22,5°	349.9	355.1	357.8	360.3	363.5	365.5	367.2	368.9	370.7	372.3	372.7	374.2	374.0	373.2	372.8
25,0°	349.7	354.9	358.2	361.9	364.4	368.1	370.5	372.3	371.0	369.6	371.2	369.1	369.0	368.2	364.2
27,5°	350.1	356.6	359.2	364.0	366.5	367.4	368.7	367.1	369.5	369.0	367.9	365.9	364.3	364.7	362.3
30,0°	352.4	358.7	362.9	368.0	369.2	368.0	368.0	367.1	366.8	366.9	366.5	364.0	360.0	358.1	354.2
32,5°	356.1	363.9	366.7	365.9	366.6	369.7	370.6	370.3	368.4	365.5	363.8	361.5	356.7	351.8	347.3
35,0°	366.3	369.7	370.2	371.2	370.3	370.6	370.4	369.0	367.4	364.5	361.6	356.9	351.8	346.3	339.8
37,5°	363.0	370.4	372.4	372.1	372.2	370.7	371.2	370.3	369.3	367.2	359.3	352.7	346.2	341.9	334.5
40,0°	366.1	370.8	371.4	372.0	373.5	373.7	372.7	372.2	366.9	358.9	355.6	352.2	345.4	337.8	323.0
42,5°	365.3	370.9	371.2	371.4	374.9	374.8	370.2	369.5	365.0	357.0	352.6	345.3	335.1	325.5	320.0
45,0°	370.5	375.7	377.4	376.4	376.0	374.4	378.5	375.5	369.3	361.5	353.6	346.2	334.0	323.8	308.8
47,5°	369.8	376.4	376.9	377.8	379.8	380.1	385.5	382.1	375.5	365.9	357.9	346.3	335.0	323.9	310.9
50,0°	368.7	377.2	379.8	381.5	384.6	387.1	388.7	385.1	380.7	376.6	365.6	350.8	335.7	320.6	305.8
52,5°	369.7	379.2	380.8	383.8	396.2	402.7	408.2	401.0	390.7	381.3	371.0	358.2	342.2	325.4	303.1
55,0°	372.7	379.3	379.9	383.0	391.9	404.8	414.1	410.6	401.4	391.3	378.4	363.2	342.3	324.3	307.1
57,5°	389.0	394.5	400.4	405.9	413.2	420.5	424.9	420.7	412.3	397.1	380.9	362.5	342.8	318.0	297.5
60,0°	404.9	409.9	418.7	427.9	442.5	443.6	450.2	449.1	442.2	417.0	389.7	369.9	351.1	320.8	295.0
62,5°	387.8	398.6	415.0	435.3	451.8	456.9	463.9	477.2	472.8	443.8	412.7	388.5	357.7	319.5	288.5
65,0°	384.3	409.1	445.0	452.4	447.6	444.2	449.7	457.3	471.2	438.3	409.5	382.6	347.6	313.6	284.5
67,5°	393.4	410.9	441.4	441.4	428.9	427.4	451.8	442.5	430.7	406.6	373.4	344.2	309.7	282.7	260.5
70,0°	424.6	422.8	440.1	454.6	439.5	485.5	452.2	413.3	397.8	372.4	324.4	276.3	234.6	216.5	202.1
72,5°	438.0	416.1	439.2	466.1	444.6	440.9	388.1	346.1	334.3	303.8	246.4	195.7	160.9	145.0	131.4
75,0°	351.5	331.1	329.2	378.1	328.1	302.9	247.8	217.5	209.5	200.0	168.0	137.7	121.1	112.0	99.9
77,5°	153.4	188.1	189.7	181.6	140.2	118.0	101.0	95.5	96.2	100.9	98.8	90.3	82.9	75.7	63.8
80,0°	50.5	67.9	57.9	44.5	39.4	39.1	46.9	49.3	47.0	42.7	45.1	43.7	39.7	35.6	30.4
82,5°	10.3	10.3	10.1	10.2	10.7	12.0	13.9	12.3	12.7	11.7	12.6	11.6	11.2	11.0	10.8
85,0°	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.1	5.0	4.9
87,5°	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.8	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: 5XC2HC1F08GE EAN: 4069025225412	LP number 59339_266
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°	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2
2,5°	364.3	365.1	365.8	365.8	365.5	365.4	366.1	366.1	366.9	368.0	368.3	368.8	369.0	369.2	369.1
5,0°	372.6	372.7	374.4	374.5	376.2	377.2	378.2	378.1	378.2	377.9	379.2	379.2	379.0	378.7	378.3
7,5°	372.2	373.0	375.2	377.0	379.0	380.7	382.6	383.5	384.6	384.6	384.8	384.6	385.8	386.3	387.3
10,0°	375.5	375.9	375.9	377.8	378.9	380.5	381.6	383.0	382.4	383.8	384.3	384.5	384.9	385.6	386.2
12,5°	376.3	377.0	377.5	378.9	380.2	383.0	383.5	384.6	383.7	383.7	382.4	382.0	382.8	382.0	381.6
15,0°	377.8	377.5	376.8	376.1	375.8	377.1	377.5	378.5	378.1	377.5	377.4	378.2	377.5	378.9	379.9
17,5°	376.5	376.2	375.8	373.6	371.2	371.4	369.7	369.9	370.4	372.0	370.3	371.5	370.6	371.4	370.4
20,0°	372.8	373.3	373.2	375.5	372.9	370.5	366.2	364.2	361.9	362.7	362.3	362.4	361.6	361.9	360.7
22,5°	372.3	370.2	369.6	367.3	364.1	363.0	360.6	357.1	354.0	352.5	351.2	349.9	350.1	348.1	348.8
25,0°	363.0	361.2	360.4	357.9	354.5	352.2	350.1	348.9	347.5	343.9	341.3	338.8	335.5	333.8	333.2
27,5°	357.7	355.3	351.5	348.4	345.9	342.4	336.3	333.8	332.0	326.7	321.9	318.9	316.8	315.0	313.2
30,0°	350.3	348.1	344.4	337.4	330.6	325.4	322.2	317.4	312.2	307.9	304.0	298.6	295.7	295.2	293.9
32,5°	340.8	333.6	328.9	324.2	318.9	313.0	306.2	299.8	293.8	288.9	283.5	278.1	274.6	271.9	269.4
35,0°	332.1	324.0	315.4	309.9	303.3	295.1	286.0	277.2	269.4	264.4	257.7	252.1	247.9	244.9	242.0
37,5°	324.2	315.3	305.4	297.9	291.8	281.4	271.5	261.3	251.3	242.2	233.2	226.3	222.7	218.0	213.1
40,0°	316.6	306.5	294.1	284.1	274.2	262.4	252.0	239.8	228.9	221.6	213.1	204.3	196.7	189.8	184.7
42,5°	306.4	294.5	283.0	272.1	257.6	243.2	234.5	224.1	212.6	201.6	190.8	181.0	173.2	165.3	159.1
45,0°	295.9	284.8	269.4	256.0	243.0	231.9	219.1	206.3	193.7	181.5	170.7	159.0	151.5	143.1	136.0
47,5°	292.7	276.4	257.1	243.5	228.8	215.6	201.4	188.6	175.0	162.8	151.2	140.4	132.1	124.7	116.8
50,0°	290.2	270.1	249.2	231.2	214.9	197.9	184.8	169.6	156.5	144.6	132.8	122.8	112.7	104.7	97.9
52,5°	282.5	259.8	242.3	217.1	198.4	181.2	166.2	150.7	136.9	126.8	117.7	107.1	98.5	90.0	82.4
55,0°	284.1	257.7	230.1	204.4	183.1	165.1	148.2	131.4	120.2	110.1	101.5	92.5	83.4	75.2	68.4
57,5°	277.1	250.3	225.4	199.2	177.5	160.1	137.7	120.6	107.5	97.0	86.4	77.2	68.9	61.8	56.1
60,0°	271.7	246.7	221.1	197.6	176.9	154.8	129.8	111.7	98.2	86.1	73.0	63.5	56.4	50.5	45.9
62,5°	264.8	236.3	210.0	189.8	165.1	140.0	121.2	103.6	85.7	66.5	57.0	50.5	45.7	41.8	38.5
65,0°	258.3	229.0	201.3	177.5	148.6	121.2	100.8	85.9	67.9	54.3	46.6	41.2	37.5	34.7	32.5
67,5°	242.8	215.7	189.1	163.0	132.3	107.0	87.8	61.6	49.0	42.0	37.3	33.9	30.8	28.8	27.2
70,0°	192.3	176.1	164.8	143.8	113.6	92.8	72.3	51.5	41.4	33.1	29.9	27.2	25.3	24.1	22.9
72,5°	127.9	125.3	123.6	114.2	91.3	79.6	52.4	40.4	31.9	26.1	22.7	21.1	20.2	19.7	19.1
75,0°	87.2	80.4	76.9	69.8	57.4	47.0	31.0	30.1	23.1	19.3	17.9	16.9	16.3	15.8	15.4
77,5°	54.1	49.4	43.0	40.4	36.5	27.1	21.8	20.2	15.8	14.9	14.1	13.5	12.9	12.5	12.1
80,0°	24.5	23.0	21.7	18.0	15.5	14.7	15.1	13.9	11.9	11.2	10.8	10.3	9.8	9.5	9.1
82,5°	9.8	9.6	9.4	8.9	8.8	8.7	8.5	8.3	8.1	7.9	7.6	7.3	7.0	6.7	6.3
85,0°	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.7
87,5°	2.5	2.4	2.5	2.3	2.3	2.2	2.1	2.0	1.8	1.7	1.6	1.5	1.4	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: 5XC2HC1F08GE EAN: 4069025225412	LP number 59339_266
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°	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2
2,5°	368.8	368.7	369.1	369.4	369.9	370.0	369.5	351.3	350.3	350.3	349.4	348.5	347.5	346.6	346.0
5,0°	378.8	379.3	379.3	379.3	378.4	378.0	378.1	347.8	346.4	344.3	342.5	340.9	339.7	338.0	337.1
7,5°	387.1	386.5	387.3	388.3	387.3	386.1	385.9	341.0	337.9	336.2	335.0	333.2	331.2	329.2	327.2
10,0°	387.1	386.1	385.0	384.4	384.3	383.4	382.0	340.4	336.6	333.8	330.4	326.8	323.5	320.9	317.2
12,5°	382.3	383.3	385.7	385.9	386.0	385.9	386.2	338.4	334.9	330.1	323.8	320.3	316.9	311.9	307.5
15,0°	379.6	381.1	382.3	380.7	381.0	379.0	378.1	339.0	334.9	330.7	325.8	319.6	313.6	306.7	299.9
17,5°	370.8	371.7	371.6	372.2	371.2	371.0	369.4	339.2	334.1	326.5	320.3	314.2	308.5	301.1	293.7
20,0°	362.1	361.2	362.0	362.1	361.6	363.0	362.2	342.6	333.4	325.7	317.0	308.6	300.4	293.7	287.0
22,5°	348.3	346.7	346.6	348.8	350.0	349.8	349.7	341.9	332.8	324.4	315.2	304.7	297.7	289.0	281.5
25,0°	332.5	332.7	331.7	332.2	332.5	332.5	333.0	340.7	330.3	320.9	312.0	303.8	295.0	286.4	277.2
27,5°	313.4	313.7	313.3	311.0	311.4	311.8	312.4	343.0	332.1	320.5	310.1	299.3	290.6	281.4	270.5
30,0°	292.3	290.8	288.8	289.1	290.7	290.7	290.7	345.1	332.4	320.1	308.0	297.0	286.5	275.6	264.2
32,5°	266.0	263.9	263.7	262.4	261.8	263.5	266.5	346.7	335.8	321.5	307.7	297.5	285.3	271.5	260.2
35,0°	236.8	234.5	232.7	231.8	232.9	233.9	232.9	352.6	337.5	322.6	310.4	297.7	284.4	269.6	255.5
37,5°	210.5	206.6	204.1	201.1	199.8	200.2	200.5	353.4	339.3	321.8	307.8	293.5	278.3	264.9	252.9
40,0°	180.8	176.8	173.0	170.0	167.6	167.6	165.7	353.9	336.6	318.3	304.3	291.3	274.1	261.5	248.9
42,5°	154.3	149.4	145.4	142.2	138.7	138.0	137.4	351.4	332.1	314.3	298.0	283.3	267.4	253.6	239.0
45,0°	130.4	124.4	119.4	114.8	112.8	111.2	110.9	358.8	333.8	314.6	297.7	276.2	260.8	245.8	226.6
47,5°	108.9	103.2	98.0	93.3	90.5	89.0	88.2	354.8	328.1	304.8	286.0	265.2	251.3	232.6	213.6
50,0°	91.3	85.4	79.8	75.5	72.5	71.3	71.0	355.3	327.6	301.5	277.4	256.4	241.7	220.0	206.9
52,5°	76.0	69.9	65.1	61.4	59.6	58.3	57.8	352.2	319.8	294.3	273.3	256.0	235.6	215.5	199.2
55,0°	62.3	57.1	53.6	51.0	49.8	49.1	48.8	350.0	316.1	287.7	264.0	248.3	226.6	210.6	195.0
57,5°	51.0	47.5	44.7	43.3	42.5	41.9	41.4	370.5	329.9	295.5	264.5	247.3	223.1	206.7	190.1
60,0°	42.7	40.4	38.7	37.6	36.9	36.4	36.5	381.4	344.4	311.0	276.6	247.2	225.8	205.8	195.6
62,5°	36.1	34.6	33.2	32.5	31.9	31.4	31.6	374.3	343.4	312.7	269.9	236.7	218.5	207.9	198.4
65,0°	30.9	29.6	28.8	28.2	27.9	27.4	27.5	355.3	333.3	300.3	248.0	213.1	200.3	195.7	192.9
67,5°	26.2	25.4	25.0	24.4	24.2	23.9	23.8	363.0	319.9	269.7	221.7	197.5	196.1	184.5	176.2
70,0°	22.4	21.7	21.3	20.9	20.5	20.4	20.3	380.9	318.5	260.7	215.5	211.5	193.7	171.9	159.3
72,5°	18.6	18.0	17.7	17.5	17.2	17.0	16.9	359.8	306.3	278.3	225.9	188.4	160.9	138.0	134.1
75,0°	15.1	14.8	14.5	14.1	13.8	13.7	13.7	291.4	253.8	231.4	177.1	131.4	102.2	90.4	87.8
77,5°	11.8	11.5	11.1	10.8	10.4	10.3	10.1	154.9	151.7	125.3	80.6	54.6	46.7	44.8	46.0
80,0°	8.6	8.2	7.9	7.6	7.4	7.2	7.1	63.3	48.9	34.1	30.1	25.4	24.1	25.7	25.4
82,5°	5.9	5.5	5.3	5.0	4.9	4.6	4.6	10.2	9.5	9.1	9.0	9.1	9.9	9.4	9.9
85,0°	3.4	3.1	3.0	2.7	2.6	2.3	2.4	5.9	5.9	5.7	5.6	5.4	5.2	5.1	4.9
87,5°	1.2	1.2	1.1	1.0	0.9	0.8	0.8	3.2	3.2	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

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2HC1F08GE EAN: 4069025225412	LP number 59339_266
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°	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2
2,5°	346.1	345.7	345.4	345.2	344.6	343.7	343.2	342.5	342.0	341.0	340.2	340.0	339.5	340.1	339.5
5,0°	335.1	333.9	333.3	332.1	330.7	329.5	328.7	327.5	327.4	326.1	324.3	322.8	321.4	320.6	319.9
7,5°	325.3	323.6	322.3	320.1	318.0	316.5	313.7	312.2	310.0	308.4	305.8	304.2	301.9	300.4	298.8
10,0°	313.9	310.8	307.2	303.7	300.9	298.3	295.6	292.7	290.5	288.2	286.1	284.0	281.6	279.4	278.2
12,5°	303.3	298.4	294.7	290.5	286.5	282.3	279.4	275.5	271.6	269.4	267.6	264.3	262.7	260.4	258.3
15,0°	295.6	289.6	283.6	278.6	272.0	266.5	262.1	258.0	255.1	251.3	247.9	245.2	242.6	240.9	238.5
17,5°	286.3	279.3	272.1	265.8	260.0	255.0	249.7	245.4	241.2	236.3	232.2	228.4	225.7	223.6	221.9
20,0°	278.8	270.4	263.1	257.0	252.2	246.7	239.7	233.7	228.3	224.2	219.5	215.1	210.8	207.7	206.0
22,5°	273.0	264.8	257.0	248.2	241.6	235.3	229.8	223.5	217.2	211.7	206.3	202.3	199.6	197.1	194.6
25,0°	267.2	257.4	249.4	241.3	234.0	226.8	219.9	212.9	206.3	200.8	197.0	192.7	189.0	186.1	183.1
27,5°	260.3	250.8	242.0	234.0	225.3	217.4	209.9	202.6	195.8	189.9	186.3	182.6	178.8	175.1	172.0
30,0°	253.7	244.5	234.6	226.2	217.8	207.6	199.7	193.5	187.6	181.6	177.4	173.7	169.5	165.9	162.9
32,5°	249.7	238.2	227.6	216.7	207.5	198.6	191.3	185.5	178.3	171.9	167.9	163.8	160.1	157.1	153.6
35,0°	243.9	232.0	220.1	209.0	199.1	191.5	184.0	176.8	171.0	164.9	159.9	156.0	152.3	148.0	144.2
37,5°	240.2	226.7	212.8	202.0	192.8	184.3	176.3	169.2	163.1	158.4	153.7	149.6	144.2	139.8	136.0
40,0°	232.1	217.0	206.7	196.6	185.6	176.3	168.9	163.4	157.6	151.8	147.4	142.2	136.4	132.0	127.8
42,5°	222.2	209.0	198.8	185.9	176.3	169.4	162.5	156.5	151.0	146.0	140.7	136.2	130.3	125.6	119.9
45,0°	213.6	201.7	187.6	176.7	169.9	163.2	157.5	151.8	146.1	140.4	135.4	129.4	124.3	118.0	112.2
47,5°	201.6	190.4	178.7	172.2	167.0	160.3	153.4	147.2	141.4	135.2	128.5	123.1	118.1	110.7	105.1
50,0°	193.9	181.1	174.1	167.2	161.5	155.9	149.4	143.4	136.3	129.1	121.9	115.9	108.8	102.6	96.3
52,5°	184.7	177.4	172.1	166.1	159.0	152.1	144.9	137.7	130.8	123.2	115.1	108.6	102.0	94.8	88.1
55,0°	184.9	176.0	169.0	162.2	154.2	148.9	141.4	133.0	124.4	115.2	107.4	99.9	92.7	85.9	80.7
57,5°	179.5	171.9	163.4	155.2	148.9	142.6	135.7	127.1	118.9	110.0	102.6	96.0	87.7	79.7	73.6
60,0°	183.1	170.1	162.7	155.5	145.7	138.2	131.4	121.8	114.0	106.1	99.0	91.1	81.9	74.2	67.6
62,5°	185.8	172.9	164.5	155.1	142.7	132.8	125.2	115.5	106.6	99.3	91.2	82.1	75.1	68.3	60.9
65,0°	179.0	168.8	160.0	148.5	138.8	127.8	120.8	110.3	100.1	91.9	81.9	72.3	64.5	58.6	51.3
67,5°	165.0	155.7	145.1	134.0	125.5	117.0	111.8	102.3	93.0	84.1	72.6	63.4	56.0	46.4	41.4
70,0°	149.9	136.6	120.0	106.2	100.0	95.3	91.0	85.5	81.1	74.0	63.3	56.0	47.9	39.9	35.4
72,5°	123.9	106.0	89.8	78.8	72.2	68.3	66.8	65.5	64.5	61.1	53.0	48.1	38.0	33.0	29.5
75,0°	85.5	76.0	66.6	60.9	58.4	54.4	49.8	47.5	45.7	43.6	38.5	34.2	28.2	27.0	24.0
77,5°	48.5	48.7	46.5	44.6	42.3	38.5	35.1	33.6	31.5	30.7	28.8	25.0	22.5	21.2	19.0
80,0°	24.7	26.2	26.3	25.4	24.5	23.0	21.0	20.5	20.3	19.4	18.3	17.7	17.3	16.3	15.2
82,5°	9.8	10.4	10.4	10.8	11.2	11.4	11.3	11.2	11.2	11.3	11.6	11.6	11.4	11.2	11.0
85,0°	4.8	4.7	4.6	4.4	4.3	4.2	4.2	4.2	4.3	4.3	4.6	4.9	5.2	5.5	5.6
87,5°	2.7	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.5
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

Photometric test report

Family Streetlight 11 mini LED	Order number: 5XC2HC1F08GE EAN: 4069025225412	LP number 59339_266
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°	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	0.5	0.5
2,5°	339.0	338.7	337.7	336.6	335.7	335.7	335.5	335.9	335.5	335.7	335.2	334.7	334.9	4.2	4.7
5,0°	319.4	318.2	317.0	316.1	315.5	314.7	314.4	314.2	314.0	314.1	314.4	313.3	313.3	8.3	13.1
7,5°	297.5	295.2	294.7	292.5	291.5	290.7	290.0	289.3	288.6	288.9	288.4	288.1	288.6	12.2	25.3
10,0°	276.3	274.4	273.1	271.4	270.5	270.1	269.7	268.8	267.8	268.3	267.4	267.0	266.6	15.9	41.2
12,5°	255.4	253.4	252.0	251.1	249.7	248.5	247.3	246.8	246.3	246.3	246.7	246.8	247.4	19.4	60.6
15,0°	237.2	235.8	233.2	231.1	229.6	228.1	228.3	228.1	226.4	225.6	223.7	222.7	223.2	22.6	83.2
17,5°	219.4	217.0	215.1	213.2	211.5	211.6	211.1	211.3	210.6	210.2	209.3	208.7	208.6	25.6	108.9
20,0°	204.5	202.3	200.4	199.1	198.1	197.5	196.9	196.7	195.9	195.2	194.9	194.9	195.4	28.5	137.4
22,5°	191.9	189.4	186.8	185.5	185.2	184.8	183.7	182.5	182.5	182.6	181.7	180.8	180.9	31.1	168.5
25,0°	179.8	178.0	177.1	175.9	173.6	172.3	171.8	172.0	171.4	170.6	170.5	170.8	171.0	33.4	201.9
27,5°	170.3	168.3	165.8	163.0	161.9	160.9	160.5	160.0	159.4	158.8	159.2	159.0	158.2	35.3	237.3
30,0°	160.1	157.8	155.3	153.8	152.1	150.9	150.3	149.6	148.8	148.2	147.9	148.0	148.2	37.0	274.3
32,5°	150.3	147.9	145.7	143.7	141.6	139.8	138.9	138.3	137.0	136.7	136.2	135.8	135.9	38.3	312.6
35,0°	140.5	137.3	134.8	133.0	130.4	127.8	126.4	125.5	124.6	123.3	122.9	122.3	122.1	39.3	351.9
37,5°	131.2	127.4	124.3	121.1	118.7	116.0	114.7	112.7	111.4	110.7	110.3	109.6	109.2	39.9	391.8
40,0°	122.0	118.4	114.9	110.6	107.7	104.9	102.0	100.4	99.0	98.1	96.6	96.0	95.9	40.3	432.1
42,5°	113.8	109.5	105.1	101.1	98.0	93.9	91.7	89.0	87.4	86.0	84.1	83.6	83.5	40.3	472.3
45,0°	106.5	101.6	96.4	92.1	87.8	84.4	81.2	78.1	75.8	74.0	72.9	72.1	71.6	40.4	512.8
47,5°	98.9	93.4	87.9	83.7	79.1	75.1	71.8	68.9	66.1	64.3	63.0	62.4	62.1	40.4	553.2
50,0°	90.5	84.8	79.7	75.5	70.9	67.0	63.7	59.8	57.4	55.9	54.3	53.6	53.3	40.4	593.5
52,5°	82.4	77.7	72.5	68.1	63.7	59.6	56.0	52.4	50.6	48.7	47.3	47.1	46.4	40.5	634.1
55,0°	75.2	71.1	66.0	60.6	56.2	52.7	49.5	46.4	44.4	43.0	42.0	41.5	41.3	40.5	674.6
57,5°	68.3	63.5	58.2	53.5	49.7	46.3	43.8	41.5	39.6	38.3	37.7	37.2	37.0	41.1	715.7
60,0°	61.9	55.6	50.8	46.8	43.8	41.0	38.9	37.0	35.4	34.3	33.7	33.3	33.2	42.3	758.0
62,5°	52.7	47.9	44.6	41.6	38.4	36.4	34.3	32.8	31.5	30.5	29.9	29.4	29.3	42.6	800.5
65,0°	45.4	41.7	39.1	36.4	34.0	32.4	30.6	29.3	28.3	27.4	26.9	26.6	26.4	41.7	842.2
67,5°	38.1	35.8	33.7	31.6	29.8	28.7	27.4	26.2	25.2	24.5	23.9	23.4	23.3	39.6	881.8
70,0°	32.0	30.3	29.0	27.6	26.3	25.1	24.2	23.2	22.4	21.6	21.0	20.7	20.7	37.3	919.1
72,5°	27.1	25.2	24.2	23.4	22.5	21.7	20.8	20.0	19.2	18.3	18.0	17.5	17.6	32.6	951.7
75,0°	22.0	20.9	19.9	19.4	18.7	18.1	17.3	16.7	15.9	15.3	14.8	14.5	14.2	24.1	975.8
77,5°	18.0	17.3	16.5	15.7	15.1	14.4	14.1	13.4	12.8	12.2	11.5	11.3	11.2	13.5	989.3
80,0°	14.5	13.7	13.1	12.4	11.8	11.2	10.6	10.0	9.3	8.7	8.4	8.0	7.9	6.3	995.6
82,5°	10.7	10.3	9.9	9.4	8.8	8.2	7.4	6.8	6.2	5.8	5.5	5.2	5.2	2.5	998.2
85,0°	5.7	5.7	5.6	5.5	5.3	4.8	4.4	3.9	3.5	3.1	2.8	2.1	2.5	1.3	999.4
87,5°	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.2	1.1	0.9	0.6	0.5	0.4	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: 5XC2HC1F08GE EAN: 4069025225412	LP number 59339_266
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	3690	23.7	24.3	24.0
95	241	252	3501	22.4	23.1	22.8
90	229	250	3327	21.3	21.9	21.6
85	216	248	3138	20.0	20.6	20.3
80	203	246	2949	18.9	19.4	19.2
75	190	243	2760	17.7	18.2	18.0
70	178	241	2586	16.5	17.0	16.8
65	165	238	2397	15.4	15.8	15.6
60	152	235	2208	14.3	14.6	14.4
55	140	232	2034	13.1	13.5	13.3
50	127	229	1845	12.0	12.3	12.2
45	114	225	1656	10.9	11.1	11.0
40	102	221	1482	9.9	10.2	10.0
35	89	216	1293	8.8	9.0	8.9
30	76	210	1104	7.7	7.9	7.8
25	63	203	915	6.6	6.8	6.7
20	51	195	741	5.6	5.8	5.7
15	38	184	552	4.6	4.7	4.6
13	33	179	479	4.1	4.2	4.2