

Photometric test report

Family
Streetlight 11 mini LED

Order number: 5XC2H41E08GE
EAN: 4058352583937

LP number
59339_1



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
Rated values Net luminous flux = 3690 lm
 Power consumption = 22.7 W
 Luminous efficacy = 162.6 lm/W

serial
documentation
19.07.2022

siteco

Luminous intensity in cd/klm

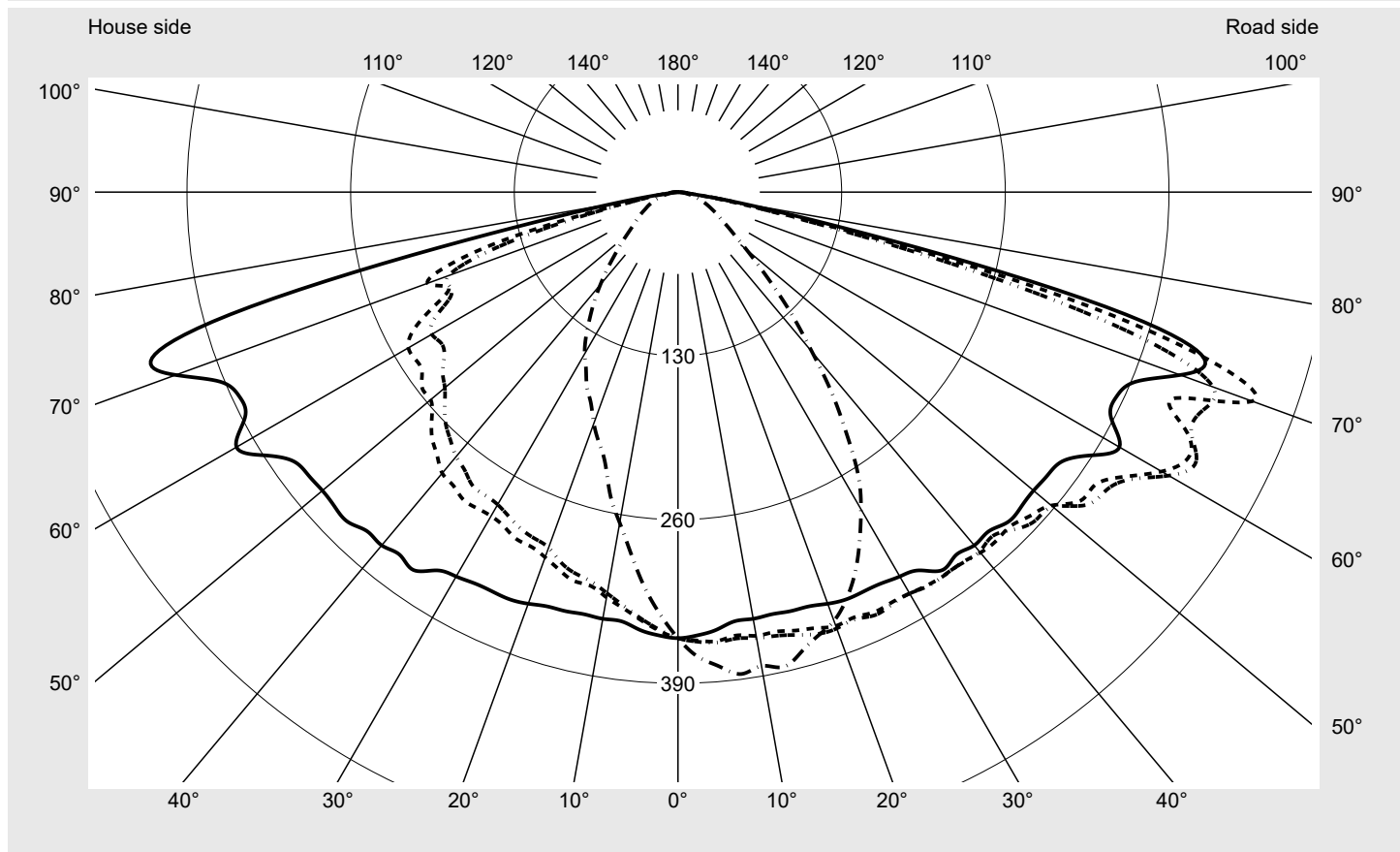
C180-0

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

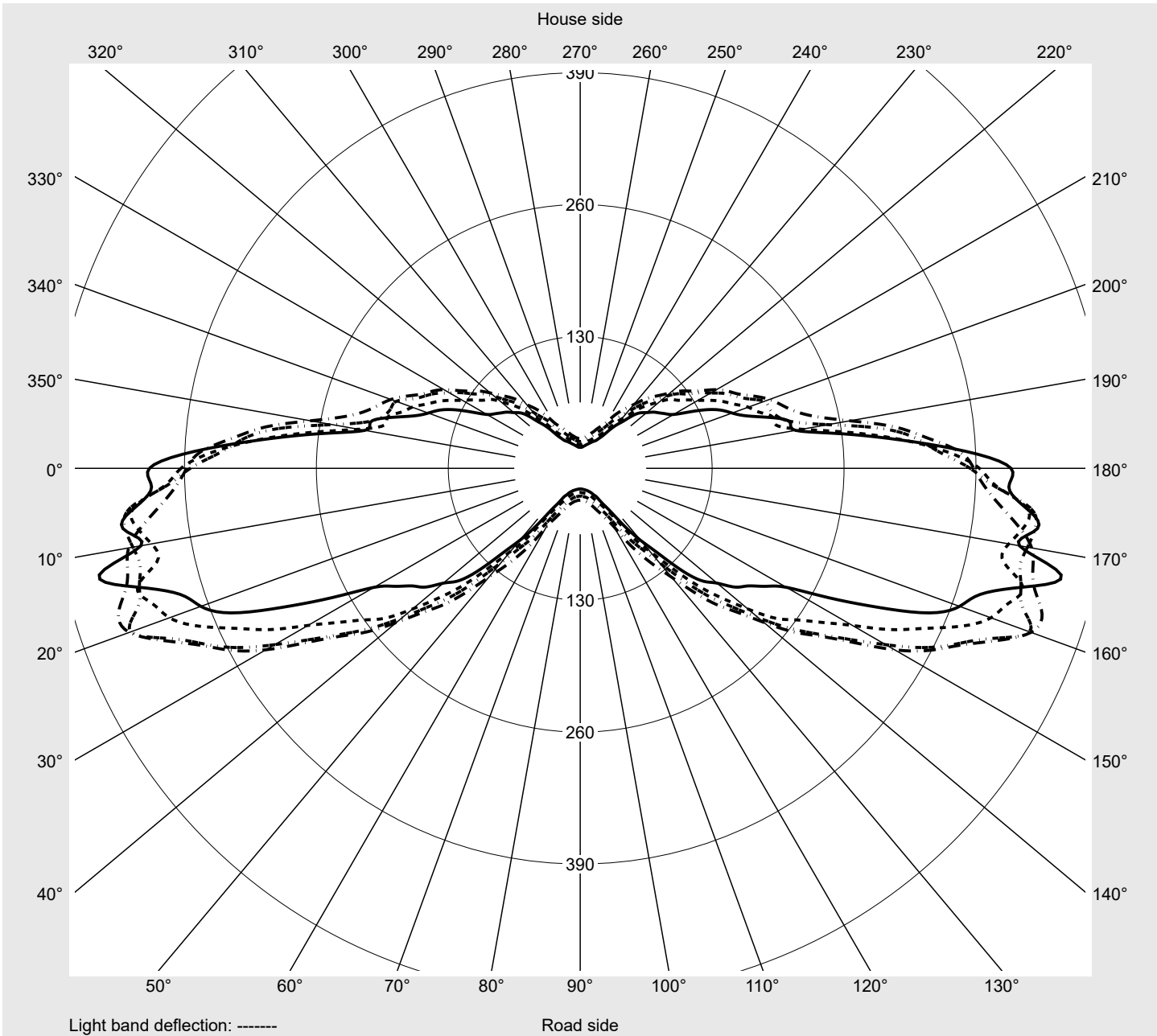
Measurement conditions

DIN EN 13032 and DIN 5032

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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°	354.2	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

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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°	354.2	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

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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°	354.2	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: 5XC2H41E08GE EAN: 4058352583937	LP number 59339_1
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: 5XC2H41E08GE EAN: 4058352583937	LP number 59339_1
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: 5XC2H41E08GE EAN: 4058352583937	LP number 59339_1
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	3690	22.7	23.4	23.0
95	241	252	3501	21.6	22.2	21.9
90	229	250	3327	20.5	21.0	20.8
85	216	248	3138	19.3	19.9	19.6
80	203	246	2949	18.2	18.7	18.4
75	190	243	2760	17.0	17.5	17.2
70	178	241	2586	15.9	16.4	16.2
65	165	238	2397	14.9	15.2	15.0
60	152	235	2208	13.7	14.1	13.9
55	140	232	2034	12.7	13.0	12.8
50	127	229	1845	11.6	11.9	11.8
45	114	225	1656	10.5	10.8	10.6
40	102	221	1482	9.5	9.8	9.6
35	89	216	1293	8.4	8.6	8.5
30	76	210	1104	7.4	7.5	7.4
25	63	203	915	6.4	6.5	6.4
20	51	195	741	5.4	5.5	5.4
18	45	191	654	5.0	5.0	5.0