



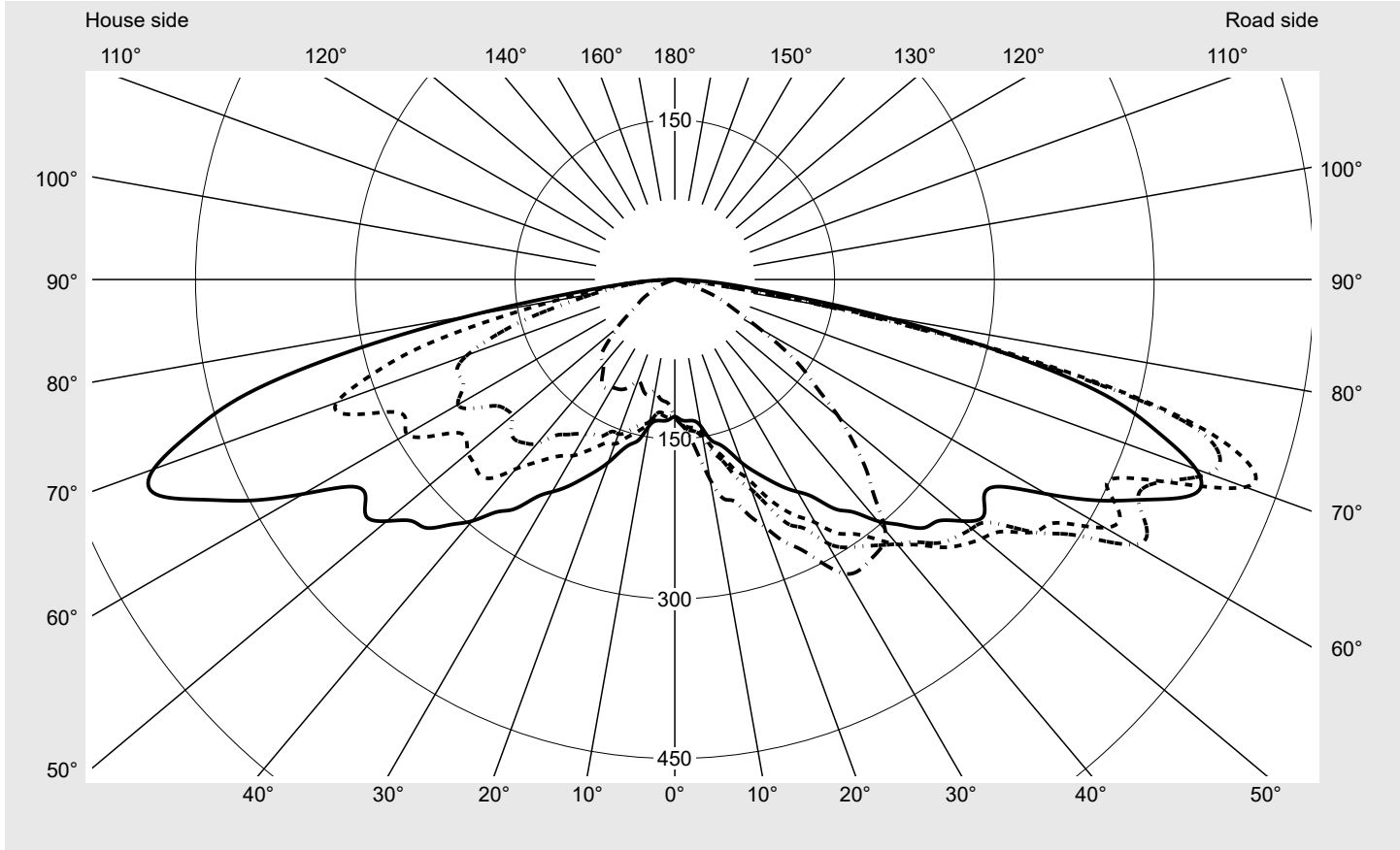
# Photometric test report

<b>Family</b> <b>Streetlight 11 mini LED</b>	<b>Order number: 5XC2K51F08GE</b> <b>EAN: 4058352991435</b>	<b>LP number</b> <b>59598_6</b>
	<b>Version</b> post-top or side-entry mounting <b>Optic</b> asymmetric, extremely wide distribution with an additional rear light component (ST1.0P1.0) <b>Cover</b> transparent, PMMA <b>Lamps</b> LED 3000 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 3460 lm Power consumption = 22.7 W Luminous efficacy = 152.4 lm/W	<b>serial documentation</b> <b>23.05.2024</b>





**Luminous intensity in cd/klm** C180-0 C190-10 C195-15 C270-90 **Imax: 570 cd/klm**



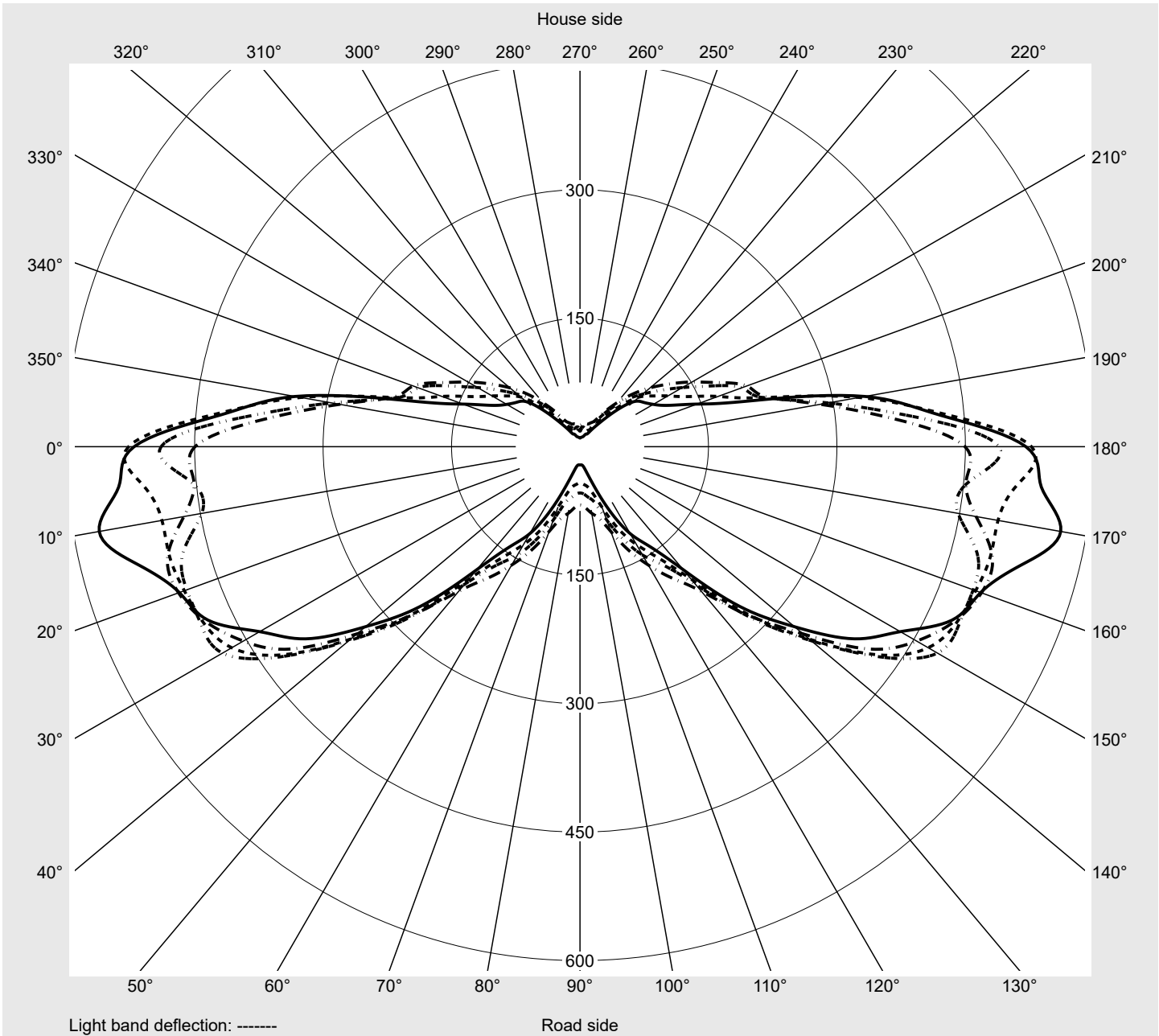
Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%
Measurement conditions	
DIN EN 13032 and DIN 5032	

Luminous intensity class acc. to EN13201-2	
Class:	G1
Imax 70°	570.0
Imax 80°	194.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Photometric test report**

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2K51F08GE</b> <b>EAN: 4058352991435</b>	<b>LP number</b> 59598_6
--	--	-----------------------------

**Envelope curve in cd/klm**      **KMK 70°**    **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**      **siteco**



## Photometric test report

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2K51F08GE</b> <b>EAN: 4058352991435</b>	<b>LP number</b> 59598_6
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Luminous intensity in cd/klm												
0,0°	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8
2,5°	131.9	133.0	133.9	134.9	136.1	137.0	137.6	138.2	138.4	138.5	138.6	138.7	138.2
5,0°	133.2	136.1	139.1	141.6	143.8	145.8	147.7	148.9	150.0	150.6	150.8	149.9	149.1
7,5°	133.9	136.7	140.4	143.9	148.1	152.1	155.7	158.2	158.9	158.6	158.4	158.4	159.6
10,0°	139.8	141.8	146.6	151.1	155.9	160.4	164.9	168.7	170.8	173.0	175.3	176.7	178.6
12,5°	153.8	157.6	161.6	166.2	169.1	171.2	176.1	181.5	186.9	191.6	196.8	199.1	199.2
15,0°	160.1	165.4	171.7	177.5	183.0	187.6	191.5	195.4	200.4	206.8	214.2	217.9	218.8
17,5°	169.3	178.0	187.1	196.4	203.5	208.6	212.0	216.7	220.7	218.5	217.9	222.6	227.4
20,0°	183.0	191.6	198.6	209.8	221.5	227.3	234.2	244.4	249.0	244.2	236.4	234.3	238.0
22,5°	195.3	207.5	218.4	231.4	244.2	251.9	258.2	267.9	272.6	262.1	253.0	252.2	253.5
25,0°	207.2	222.0	236.9	253.8	268.0	277.5	283.2	287.7	288.4	275.0	267.2	267.5	267.1
27,5°	219.5	234.3	251.0	263.8	277.1	288.5	297.3	298.5	295.3	286.3	280.2	275.6	280.0
30,0°	230.3	247.6	263.8	285.6	293.7	300.0	305.9	307.8	305.7	298.8	293.0	289.9	294.2
32,5°	242.6	261.6	282.3	298.4	304.0	314.0	318.4	317.2	318.5	315.8	308.8	304.6	308.6
35,0°	263.3	275.9	291.7	306.0	312.3	319.0	312.7	316.6	318.1	316.0	314.1	310.6	312.4
37,5°	275.4	291.3	306.4	314.7	315.0	318.9	317.9	321.2	320.4	314.5	312.7	306.2	307.9
40,0°	296.1	313.6	324.7	324.1	320.8	324.9	322.6	320.2	320.4	311.0	304.3	302.3	300.5
42,5°	312.4	321.4	338.0	334.4	334.0	338.3	336.0	329.2	317.9	310.9	306.3	302.6	296.3
45,0°	330.0	336.5	355.8	350.0	339.1	343.8	341.2	333.1	324.1	318.3	303.0	288.9	283.3
47,5°	335.6	350.0	368.3	358.1	351.4	357.2	351.5	334.1	325.6	321.8	297.9	269.4	267.7
50,0°	353.0	372.9	377.7	364.0	346.4	357.3	356.7	346.4	324.5	308.7	286.4	263.1	245.6
52,5°	365.2	381.4	388.9	375.2	352.6	361.6	360.7	335.6	312.7	291.9	264.5	237.7	218.9
55,0°	354.5	386.7	413.1	414.4	387.7	377.5	376.0	352.6	321.7	279.8	234.7	214.6	196.8
57,5°	362.1	390.7	425.4	447.3	428.7	416.3	395.6	369.7	324.7	270.0	225.0	198.9	184.3
60,0°	402.9	425.8	466.2	498.1	480.2	457.1	421.3	382.8	330.9	266.1	224.8	197.9	175.4
62,5°	449.6	452.7	469.7	498.5	498.9	482.6	453.9	411.9	340.0	278.7	220.4	187.2	159.5
65,0°	489.3	457.3	448.4	480.1	488.6	488.8	482.0	428.0	352.5	282.5	209.7	168.4	146.0
67,5°	527.2	512.5	495.7	496.1	491.7	485.4	469.5	423.6	349.4	276.2	201.9	157.9	131.9
70,0°	520.7	540.8	570.0	533.5	497.9	479.3	431.9	391.1	327.0	263.8	187.4	142.4	117.2
72,5°	474.8	514.1	560.7	534.5	496.0	445.7	379.7	338.9	300.1	256.8	180.0	96.8	59.1
75,0°	416.9	459.0	481.8	473.4	430.7	360.9	291.7	269.6	241.5	167.7	78.6	26.6	9.3
77,5°	313.8	328.3	326.2	309.8	269.3	236.0	197.5	154.9	90.6	32.8	9.1	2.3	1.7
80,0°	194.2	175.7	157.7	141.7	116.5	99.5	70.8	31.3	8.5	2.8	2.3	1.8	1.4
82,5°	95.9	70.3	42.3	38.2	31.5	21.9	9.0	2.9	2.8	2.2	1.6	1.3	1.0
85,0°	49.2	29.2	8.7	5.4	2.2	2.1	1.9	2.0	2.1	1.5	1.0	0.8	0.7
87,5°	18.5	10.9	3.2	2.0	0.8	0.7	0.7	0.8	0.8	0.6	0.4	0.3	0.2
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

## Photometric test report

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2K51F08GE</b> <b>EAN: 4058352991435</b>	<b>LP number</b> 59598_6
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
<b>siteco</b>		

C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Luminous intensity in cd/klm												
0,0°	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8
2,5°	137.7	137.2	137.2	137.0	136.7	136.4	130.8	129.7	128.3	126.9	125.9	124.4	123.5
5,0°	148.3	147.5	146.3	145.6	145.6	145.4	130.9	128.1	126.1	124.4	122.6	121.0	119.5
7,5°	160.9	161.8	162.9	164.0	164.5	164.8	130.9	128.5	126.8	125.1	123.6	122.3	120.5
10,0°	180.6	182.9	186.2	188.2	190.4	190.8	138.1	137.2	135.4	132.7	129.7	126.8	124.0
12,5°	199.8	201.5	202.2	205.9	209.2	210.7	149.3	143.8	139.4	135.0	131.8	129.6	127.7
15,0°	219.8	218.8	218.2	217.9	216.3	215.6	155.6	150.2	143.5	137.8	133.9	129.6	126.2
17,5°	230.2	230.9	232.8	233.2	232.6	232.4	163.3	156.9	150.2	143.0	135.9	130.7	126.6
20,0°	242.6	246.6	249.9	249.0	246.1	247.5	173.5	164.3	154.4	145.3	137.7	132.8	128.9
22,5°	257.9	263.1	267.9	267.8	266.8	266.0	178.1	166.0	154.6	146.4	141.2	135.6	129.1
25,0°	272.5	275.2	278.1	279.7	279.5	279.7	187.9	173.5	162.5	150.1	141.7	135.9	130.3
27,5°	283.9	288.0	292.7	298.1	303.2	300.4	200.3	182.4	164.2	149.2	141.3	133.5	125.9
30,0°	295.7	298.8	307.9	315.1	320.1	319.1	210.1	191.1	167.7	152.1	139.7	128.9	122.5
32,5°	309.5	307.7	316.0	326.8	326.3	323.3	221.8	196.4	171.9	154.5	141.3	130.6	126.1
35,0°	315.7	316.0	319.8	329.7	328.2	320.8	234.9	205.0	177.8	157.2	143.5	133.8	130.0
37,5°	311.4	314.7	321.6	323.8	321.7	318.0	246.6	217.1	185.1	162.6	146.2	137.4	132.5
40,0°	300.4	304.0	306.6	307.6	305.8	307.3	259.9	232.3	200.9	175.1	157.1	142.7	133.5
42,5°	298.0	296.3	284.8	282.1	279.3	277.9	281.6	252.7	208.4	183.7	165.0	147.9	135.8
45,0°	283.3	277.6	270.5	266.3	258.8	255.0	299.2	259.3	212.5	186.0	171.9	155.0	138.5
47,5°	262.9	249.5	240.4	236.4	228.4	228.4	300.4	255.8	208.4	188.7	177.3	160.7	142.4
50,0°	234.0	222.6	216.2	207.1	200.1	201.1	306.5	253.4	199.5	191.1	179.4	162.1	144.7
52,5°	207.5	199.9	191.1	174.9	169.1	169.4	305.8	246.8	200.2	194.8	177.6	161.3	145.3
55,0°	184.4	174.4	163.3	144.6	142.5	147.3	302.3	250.8	206.9	197.2	177.1	159.9	146.1
57,5°	166.8	145.7	129.4	122.9	119.5	120.1	318.9	274.7	225.3	205.6	178.7	157.4	140.5
60,0°	148.4	123.1	105.4	100.4	94.6	90.6	338.6	290.5	235.0	212.7	183.3	157.2	139.9
62,5°	132.7	105.2	86.9	79.0	71.3	68.1	369.5	284.9	224.8	207.3	177.2	151.1	127.7
65,0°	118.8	91.0	68.2	60.6	55.7	54.1	394.7	294.3	220.9	201.1	167.7	138.1	114.8
67,5°	105.6	75.0	55.4	46.9	43.9	41.9	429.6	331.1	221.4	171.6	138.4	118.6	103.3
70,0°	83.4	50.6	32.2	23.8	21.4	21.3	422.2	337.8	207.2	145.4	114.2	98.8	90.4
72,5°	32.1	14.6	8.3	5.7	5.1	5.0	382.4	299.4	178.7	119.1	97.5	79.5	74.4
75,0°	2.7	2.1	2.0	2.0	1.9	1.8	322.7	249.4	144.9	97.8	82.2	66.0	59.2
77,5°	1.6	1.4	1.3	1.2	1.0	0.7	239.4	177.2	106.3	78.7	65.8	54.4	41.8
80,0°	1.0	0.7	0.7	0.7	0.4	0.1	150.4	113.6	77.2	57.2	47.9	37.8	23.0
82,5°	0.7	0.5	0.4	0.4	0.2	0.1	85.5	73.4	53.9	34.9	29.6	23.5	15.1
85,0°	0.5	0.3	0.2	0.1	0.1	0.1	48.1	46.3	33.0	19.7	17.2	14.4	9.3
87,5°	0.2	0.1	0.1	0.1	0.0	0.0	18.1	17.4	12.4	7.4	6.4	5.3	3.6
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

## Photometric test report

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2K51F08GE</b> <b>EAN: 4058352991435</b>	<b>LP number</b> 59598_6
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	0.2	0.2
2,5°	122.4	121.5	120.2	119.6	119.4	118.7	118.3	117.8	117.9	117.9	117.9	1.6	1.7
5,0°	117.9	116.6	116.0	115.3	114.9	114.6	114.4	114.6	115.2	115.0	114.8	3.2	4.9
7,5°	119.1	117.8	115.7	114.3	112.7	111.5	111.0	110.9	111.1	111.7	111.7	4.9	9.8
10,0°	121.6	120.1	119.5	118.7	117.4	116.3	114.5	112.3	108.7	107.1	106.2	7.0	16.8
12,5°	125.5	122.9	121.0	120.2	118.7	117.1	115.3	113.3	112.0	110.9	110.5	9.3	26.0
15,0°	124.2	122.7	120.5	118.0	115.4	113.9	112.4	111.3	110.7	110.1	110.0	11.6	37.6
17,5°	123.9	121.5	119.1	116.9	114.8	111.9	108.9	107.5	106.5	105.1	104.2	14.1	51.7
20,0°	124.1	122.5	120.7	118.6	117.5	115.2	111.1	107.0	103.9	102.5	101.6	16.9	68.6
22,5°	124.4	120.3	118.9	118.7	118.8	115.4	113.0	112.5	110.9	109.1	108.4	20.1	88.7
25,0°	124.3	120.2	118.2	117.8	115.8	112.2	110.6	111.5	111.5	112.6	113.8	23.2	112.0
27,5°	123.7	123.0	121.3	119.2	115.2	112.4	110.5	111.7	113.6	113.8	115.9	26.3	138.3
30,0°	121.6	121.9	120.2	115.1	112.8	112.3	111.8	112.9	112.4	114.0	117.3	29.5	167.7
32,5°	125.1	122.2	119.6	113.5	109.6	106.8	103.3	106.8	111.0	115.6	120.7	32.6	200.4
35,0°	128.0	123.4	116.6	109.8	104.3	99.9	95.3	100.0	109.5	115.6	119.4	35.3	235.7
37,5°	127.2	121.8	115.0	105.6	95.1	94.1	93.7	97.8	102.8	107.4	111.2	37.6	273.3
40,0°	127.0	119.2	110.8	98.8	86.1	85.8	87.6	94.0	99.0	101.6	104.4	39.8	313.1
42,5°	126.5	116.2	102.2	93.8	85.0	84.4	84.3	88.1	92.1	96.6	101.7	41.9	355.0
45,0°	127.2	113.3	98.3	89.8	85.8	80.5	81.0	85.7	84.0	88.6	96.2	43.8	398.8
47,5°	124.6	107.3	92.8	84.4	77.3	73.3	72.7	73.3	71.2	75.2	83.0	44.6	443.5
50,0°	127.2	104.6	86.2	80.1	74.0	67.2	64.2	63.3	61.4	65.6	71.3	45.2	488.7
52,5°	131.5	105.6	81.7	72.0	65.7	58.4	53.3	51.7	51.6	55.0	57.6	45.1	533.7
55,0°	129.7	103.0	79.2	65.7	56.6	50.0	45.3	43.1	41.2	43.2	45.4	45.6	579.4
57,5°	125.5	98.5	74.0	59.0	49.1	43.6	39.6	37.7	36.7	38.4	39.2	46.9	626.3
60,0°	122.3	95.6	68.9	52.1	41.7	36.0	34.1	32.4	31.1	31.8	32.9	49.2	675.5
62,5°	107.0	86.8	66.7	49.3	35.5	31.0	28.2	27.6	26.8	26.0	25.1	50.3	725.9
65,0°	95.4	78.6	60.9	43.7	28.4	25.2	22.6	22.3	23.3	22.9	21.2	50.4	776.3
67,5°	90.2	68.6	47.9	33.9	23.5	21.0	18.2	17.6	19.2	19.3	18.2	51.0	827.3
70,0°	81.7	59.6	38.0	25.4	17.6	16.3	13.6	11.9	11.3	10.7	10.1	49.6	876.9
72,5°	66.1	47.7	29.7	17.2	8.9	7.4	5.5	4.0	3.2	2.9	2.7	44.5	921.4
75,0°	49.4	32.6	13.5	7.1	3.1	2.2	1.7	1.5	1.4	1.3	1.2	35.7	957.1
77,5°	29.2	15.6	5.4	3.3	2.0	1.6	1.3	1.1	1.0	1.0	0.9	23.1	980.2
80,0°	11.2	5.9	2.9	2.2	1.5	1.2	1.0	0.8	0.7	0.7	0.7	11.6	991.8
82,5°	7.7	4.3	2.2	1.7	1.2	0.9	0.8	0.6	0.5	0.5	0.5	5.0	996.8
85,0°	4.8	2.8	1.4	1.1	0.8	0.7	0.5	0.4	0.4	0.3	0.3	2.3	999.1
87,5°	1.8	1.0	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.9	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	1000.0

## Photometric test report

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2K51F08GE</b> <b>EAN: 4058352991435</b>	<b>LP number</b> 59598_6
--	--	-----------------------------

<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
-----------------------------	---------------------------------	---------------

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	3460	22.7	23.4	23.0
95	241	252	3283	21.6	22.2	21.9
90	229	250	3119	20.5	21.0	20.8
85	216	248	2942	19.3	19.9	19.6
80	203	246	2765	18.2	18.7	18.4
75	190	243	2588	17.0	17.5	17.2
70	178	241	2425	15.9	16.4	16.2
65	165	238	2248	14.9	15.2	15.0
60	152	235	2071	13.7	14.0	13.8
55	140	232	1907	12.7	13.0	12.8
50	127	229	1730	11.6	11.8	11.7
45	114	225	1553	10.5	10.8	10.6
40	102	221	1389	9.5	9.8	9.6
35	89	216	1212	8.4	8.6	8.5
30	76	210	1035	7.4	7.5	7.4
25	63	203	858	6.3	6.5	6.4
20	51	195	695	5.4	5.5	5.4
18	45	191	613	4.9	5.0	5.0