
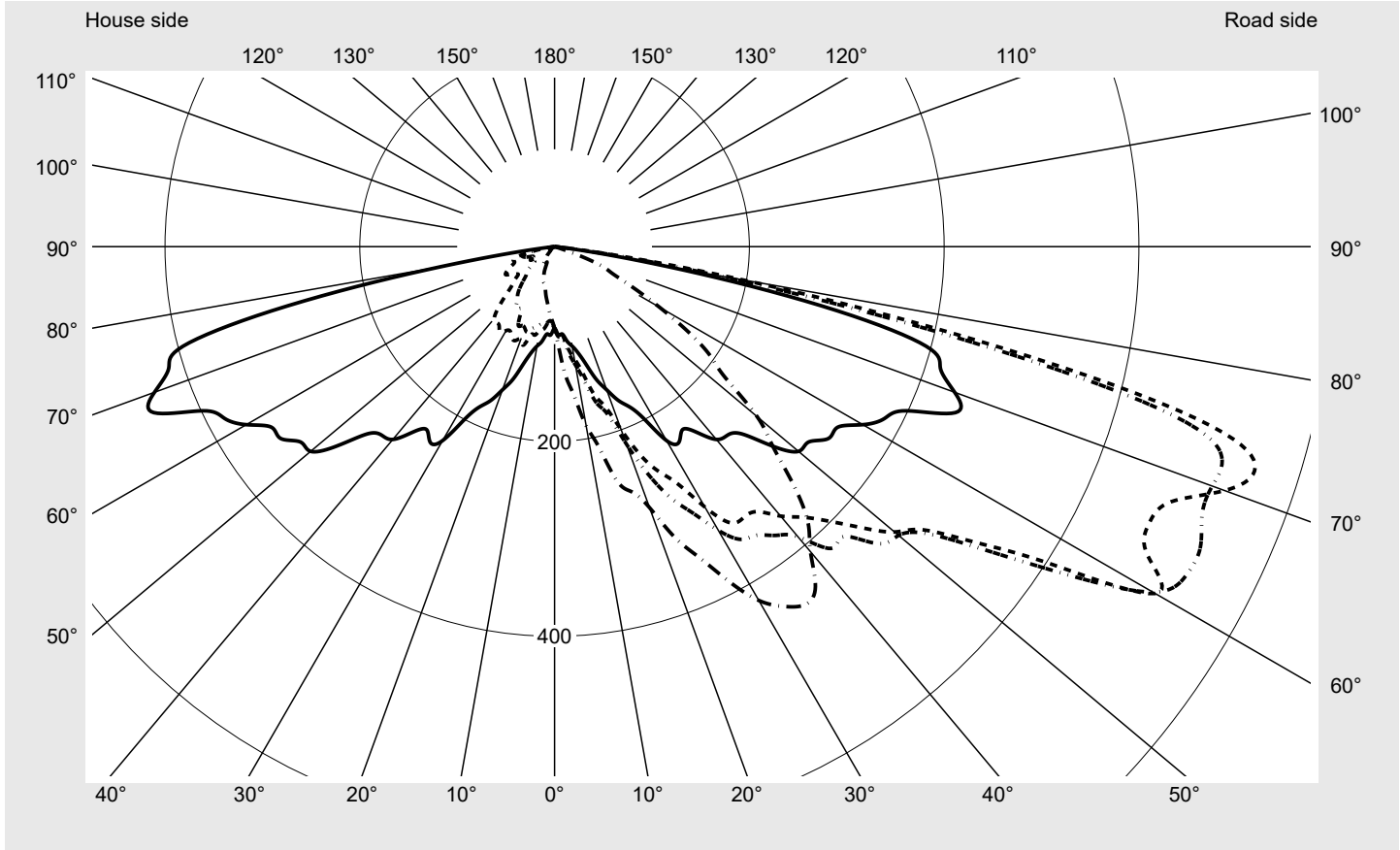


# Photometric test report

<b>Family</b> <b>Streetlight 11 mini LED</b>	<b>Order number: 5XC2NC1F08HE</b> <b>EAN: 4069025078933</b>	<b>LP number</b> <b>59457_382</b>
	<b>Version</b> post-top or side-entry mounting, Colour Switch <b>Optic</b> asymmetric, extreme wide distribution with Back Light Control (ST1.0aB) <b>Cover</b> transparent, PMMA <b>Lamps</b> LED 2700 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Setting</b> individual position <b>Rated values</b> Net luminous flux = 6370 lm Power consumption = 60.5 W Luminous efficacy = 105.3 lm/W	<b>serial documentation</b> <b>24.06.2024</b>



**Luminous intensity in cd/klm** C180-0 C195-15 C200-20 C270-90 **Imax: 754 cd/klm**



Luminaire output ratios	
Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

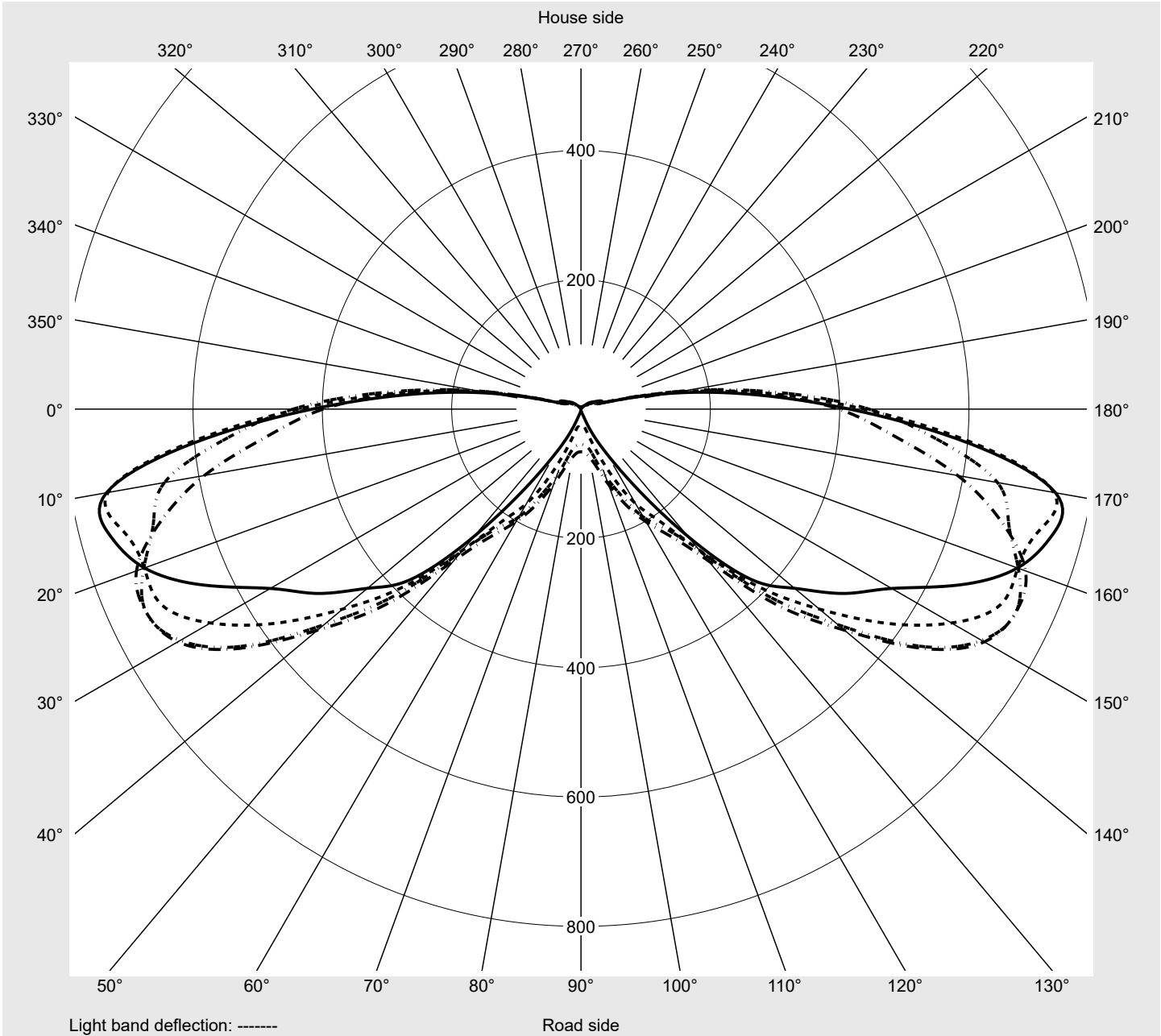
Luminous intensity class acc. to EN13201-2	
Class:	G1
Imax 70°	742.9
Imax 80°	194.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Measurement conditions**  
DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2NC1F08HE</b> <b>EAN: 4069025078933</b>	<b>LP number</b> 59457_382
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**Envelope curve in cd/klm**      **KMK 72.5°**    **KMK 70°**    **KMK 67.5°**    **KMK 65°**      **siteco**



## Photometric test report

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2NC1F08HE</b> <b>EAN: 4069025078933</b>	<b>LP number</b> 59457_382
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>

siteco

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°
$\gamma$	Luminous intensity in cd/klm												
0,0°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2,5°	90.7	90.4	89.6	89.6	92.6	95.8	96.7	97.7	98.9	99.7	99.4	98.3	98.9
5,0°	90.1	90.9	91.0	90.8	93.4	99.4	105.1	110.0	112.1	113.3	116.6	120.2	123.6
7,5°	97.8	100.7	102.4	105.0	109.4	114.0	119.6	126.7	130.4	132.5	135.6	139.9	145.0
10,0°	103.6	106.4	110.5	116.9	123.4	128.7	132.7	139.3	141.8	143.6	147.6	151.3	157.4
12,5°	111.8	117.3	123.2	132.2	141.1	147.9	152.1	158.1	165.3	172.9	180.1	185.3	193.8
15,0°	125.2	133.6	145.8	157.3	166.0	174.5	179.6	187.6	195.8	203.8	214.1	219.5	222.2
17,5°	143.2	155.5	164.5	171.9	180.0	189.8	197.5	200.1	207.5	218.4	228.9	237.2	238.4
20,0°	156.4	173.2	183.5	200.0	215.7	230.8	239.2	240.9	243.5	246.5	255.5	265.9	271.5
22,5°	170.8	187.0	210.2	232.7	254.6	270.3	278.3	280.9	284.4	287.3	295.1	302.1	306.7
25,0°	181.3	201.9	229.5	255.3	285.9	298.3	297.6	301.1	310.9	320.5	327.1	336.2	345.9
27,5°	199.6	223.0	249.0	275.0	308.8	330.8	334.2	332.9	340.4	347.8	346.0	350.2	361.3
30,0°	229.9	263.1	284.9	308.6	336.3	357.1	363.1	360.8	363.2	367.2	369.3	373.6	377.3
32,5°	237.9	268.2	303.2	336.2	356.3	370.3	380.8	388.7	395.3	396.8	395.5	398.8	401.1
35,0°	229.2	258.8	302.6	339.1	361.7	384.4	397.9	409.4	417.6	415.7	411.6	408.9	410.5
37,5°	240.5	269.2	303.8	342.9	373.6	395.9	415.8	429.1	425.2	416.6	408.2	393.8	398.7
40,0°	258.4	286.2	322.8	361.1	388.8	409.4	426.1	433.8	426.7	417.1	404.6	397.1	398.3
42,5°	262.6	307.8	341.9	376.7	420.2	432.6	432.9	449.5	450.5	420.8	402.7	394.6	390.9
45,0°	271.8	332.1	375.9	398.6	420.7	449.8	466.6	471.6	458.9	428.9	404.4	386.4	378.1
47,5°	302.7	373.9	405.2	426.9	451.5	472.8	491.1	480.4	458.4	436.1	412.4	380.6	357.9
50,0°	327.0	400.8	432.0	455.7	461.1	473.9	487.7	483.4	462.4	434.6	408.1	362.7	325.3
52,5°	329.2	407.3	456.4	477.7	484.5	499.6	505.3	497.0	463.5	423.3	381.5	334.3	311.5
55,0°	343.4	414.5	489.4	530.3	545.3	562.1	551.7	525.4	475.1	419.2	362.9	303.1	278.0
57,5°	344.9	447.4	527.2	608.8	628.7	618.3	599.7	560.8	488.5	413.0	343.5	277.3	248.3
60,0°	365.5	499.4	616.7	712.2	709.4	673.8	648.7	595.7	500.0	408.6	330.9	277.1	243.0
62,5°	382.0	492.2	604.2	686.5	731.0	714.9	688.2	618.4	525.8	415.5	317.6	258.9	222.0
65,0°	398.7	488.0	591.6	673.3	731.6	742.3	720.1	645.3	532.0	427.9	306.2	239.1	201.3
67,5°	445.3	556.0	654.2	684.7	719.6	742.5	715.5	639.3	518.7	408.5	288.1	224.4	192.8
70,0°	437.2	611.3	742.9	732.2	718.6	715.8	661.6	577.7	481.2	388.9	284.8	211.1	168.8
72,5°	415.4	601.1	745.2	754.3	718.3	643.9	554.8	497.1	431.2	372.9	256.3	146.8	79.9
75,0°	395.0	544.9	656.0	682.3	642.3	531.3	429.6	403.8	358.9	245.3	111.8	36.6	10.0
77,5°	280.5	372.5	430.3	442.8	397.4	333.4	289.5	230.9	140.4	47.1	7.8	0.0	0.0
80,0°	118.6	154.3	189.4	194.9	165.3	140.7	101.2	41.4	8.9	0.0	0.0	0.0	0.0
82,5°	22.3	28.1	36.5	41.6	37.9	27.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
85,0°	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87,5°	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
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> <b>Streetlight 11 mini LED</b>	<b>Order number: 5XC2NC1F08HE</b> <b>EAN: 4069025078933</b>	<b>LP number</b> <b>59457_382</b>
<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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2,5°	98.6	99.1	101.0	101.8	103.4	104.7	86.5	82.9	78.7	76.7	75.0	73.9	74.2
5,0°	124.8	126.6	127.6	127.5	131.0	134.0	86.1	81.9	78.6	77.6	76.4	73.4	71.8
7,5°	147.8	149.0	148.4	151.1	154.5	154.8	94.1	89.6	85.3	81.2	77.6	75.0	71.4
10,0°	165.9	172.0	175.7	184.2	188.3	186.6	98.1	92.3	86.7	81.0	76.7	73.6	68.8
12,5°	202.3	207.5	211.3	213.9	213.7	211.2	104.3	98.4	92.9	85.1	78.2	71.2	63.9
15,0°	225.4	231.4	234.6	245.0	251.8	249.7	113.0	102.9	93.9	86.9	79.3	68.6	59.2
17,5°	239.2	244.6	249.2	255.0	260.6	264.0	129.0	117.8	105.9	92.1	77.5	68.1	58.0
20,0°	275.0	280.6	283.6	284.2	284.2	285.2	138.4	118.6	101.1	89.2	75.4	65.6	58.1
22,5°	310.7	314.2	315.9	318.0	321.4	323.4	151.1	127.7	104.3	87.8	75.3	63.7	53.3
25,0°	341.5	337.6	342.8	348.8	350.3	352.4	160.0	132.2	103.5	88.2	70.6	57.9	50.1
27,5°	374.8	380.5	383.8	387.9	388.0	387.2	175.8	140.1	98.2	74.1	61.4	53.3	44.7
30,0°	379.5	393.7	407.6	411.8	416.2	419.4	184.6	142.5	99.5	73.6	57.7	48.7	38.8
32,5°	401.0	403.5	412.2	426.4	435.0	437.9	193.3	147.6	104.0	73.3	52.0	40.1	35.2
35,0°	419.2	422.4	422.5	435.6	445.7	448.7	186.7	143.1	99.2	66.6	45.2	35.4	29.5
37,5°	415.6	427.1	432.3	432.2	436.8	440.0	190.5	143.1	98.0	62.3	42.1	34.5	27.7
40,0°	400.5	406.3	413.2	412.8	409.8	408.8	203.0	153.5	96.5	55.6	37.1	30.1	23.0
42,5°	402.4	406.8	400.1	383.3	377.8	385.5	209.2	149.2	86.1	47.7	31.6	22.6	19.0
45,0°	383.4	377.9	365.8	363.7	358.0	348.1	205.7	134.1	71.5	41.1	30.5	22.9	20.5
47,5°	353.3	337.4	324.0	320.1	311.0	304.5	216.3	128.3	59.8	39.0	26.5	22.6	19.1
50,0°	320.4	304.1	287.9	281.2	270.4	271.6	232.3	136.7	54.2	32.9	22.4	18.1	14.6
52,5°	296.6	272.2	245.6	233.2	223.2	221.0	232.0	130.6	47.1	26.1	16.7	13.2	11.8
55,0°	263.0	239.0	214.4	195.3	190.2	195.0	233.6	129.2	49.6	25.2	16.6	12.9	10.2
57,5°	227.9	202.7	178.8	161.7	157.9	162.8	233.0	141.0	52.2	21.8	12.8	11.9	9.9
60,0°	196.3	165.8	147.0	132.3	126.4	124.4	242.3	145.8	57.7	27.6	18.5	13.7	11.9
62,5°	173.7	133.9	112.3	100.0	91.8	90.8	260.8	149.2	55.4	27.0	17.3	12.9	11.5
65,0°	162.4	123.5	92.0	75.5	67.7	66.1	276.7	153.3	50.7	24.0	20.2	14.9	10.8
67,5°	147.6	109.8	75.5	60.0	56.1	54.1	300.7	161.7	45.3	26.5	24.0	17.0	11.5
70,0°	114.6	67.0	38.1	28.1	28.5	29.3	285.9	151.3	44.0	31.3	26.4	19.3	14.1
72,5°	41.7	14.3	7.3	4.1	3.4	3.6	262.8	140.2	44.5	34.2	29.4	22.5	18.5
75,0°	1.2	0.0	0.0	0.0	0.0	0.0	249.7	130.7	39.3	34.0	27.6	23.6	19.6
77,5°	0.0	0.0	0.0	0.0	0.0	0.0	174.3	91.4	26.0	27.2	24.0	19.1	12.8
80,0°	0.0	0.0	0.0	0.0	0.0	0.0	70.5	37.2	13.0	14.3	12.9	6.6	2.7
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	13.4	6.6	2.7	3.4	2.6	0.6	0.0
85,0°	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
87,5°	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
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: 5XC2NC1F08HE</b> <b>EAN: 4069025078933</b>	<b>LP number</b> 59457_382
<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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	0.1	0.1
2,5°	72.4	71.5	72.1	69.9	70.0	69.5	69.6	71.1	73.1	74.4	73.9	1.0	1.2
5,0°	69.8	67.0	66.8	66.5	65.8	65.0	63.6	63.8	64.7	65.0	65.3	2.2	3.3
7,5°	66.2	63.1	60.9	59.1	58.9	56.8	55.7	57.1	56.9	56.7	57.3	3.6	6.9
10,0°	63.9	60.2	57.2	55.3	51.9	47.8	47.7	48.7	48.0	49.2	50.9	5.0	11.9
12,5°	59.7	54.4	51.3	50.0	47.1	45.9	45.2	43.9	43.5	43.8	43.9	7.0	18.9
15,0°	52.0	47.6	45.9	43.8	44.1	43.2	40.8	40.7	40.5	39.4	39.3	9.3	28.2
17,5°	51.8	47.6	44.0	40.1	37.4	33.6	32.6	33.4	35.0	36.6	37.5	11.4	39.6
20,0°	52.3	46.9	42.0	35.9	33.2	30.6	29.2	29.0	29.7	31.7	32.1	14.3	53.9
22,5°	46.0	43.7	40.1	31.9	28.8	29.6	28.2	25.0	24.4	26.4	27.1	17.8	71.7
25,0°	43.9	40.8	37.1	29.8	26.1	24.8	22.4	19.8	18.8	19.1	18.9	21.1	92.7
27,5°	38.8	35.1	31.2	27.2	24.5	22.4	20.6	20.3	20.3	19.6	18.8	24.7	117.4
30,0°	32.0	30.1	27.9	24.3	23.8	24.5	21.8	19.2	19.4	21.4	22.9	28.5	145.9
32,5°	30.5	27.8	24.4	20.6	19.6	20.3	20.5	18.6	17.3	19.6	21.7	31.9	177.8
35,0°	25.0	23.6	21.5	18.1	17.1	17.2	15.9	15.8	16.6	16.1	15.4	34.6	212.4
37,5°	22.7	21.4	18.8	15.2	14.2	13.9	13.4	15.5	15.9	13.9	13.1	36.8	249.2
40,0°	18.9	17.9	16.1	14.6	14.4	12.2	12.0	14.1	13.7	12.2	11.9	38.8	288.0
42,5°	16.9	14.0	13.4	13.7	12.5	12.1	11.5	11.0	11.5	9.4	8.3	40.9	328.9
45,0°	16.6	13.6	12.4	13.6	14.8	13.9	10.8	9.7	11.1	8.3	6.2	42.7	371.5
47,5°	13.3	12.7	12.5	11.3	11.8	12.1	10.4	9.1	8.4	6.4	5.4	44.2	415.7
50,0°	11.2	9.0	9.4	9.3	9.3	9.6	8.6	8.0	8.3	6.6	4.5	45.0	460.7
52,5°	10.2	9.2	9.9	9.0	7.5	8.3	7.7	8.5	8.3	6.1	5.8	45.4	506.2
55,0°	9.1	8.7	6.8	5.8	5.7	6.1	6.5	6.7	6.2	5.1	4.7	47.1	553.2
57,5°	9.4	8.1	7.1	6.0	4.8	4.7	4.6	5.0	5.2	4.2	2.8	49.2	602.4
60,0°	10.5	7.0	5.8	5.7	5.0	4.9	3.8	4.1	4.0	3.1	2.7	52.7	655.1
62,5°	10.0	6.9	5.5	5.6	4.5	4.2	3.7	2.7	2.1	2.2	2.4	53.3	708.4
65,0°	10.1	7.2	6.2	5.5	3.3	3.6	3.8	2.5	1.6	1.3	1.3	54.2	762.6
67,5°	8.5	7.8	6.4	4.1	2.3	2.2	2.3	2.1	1.3	1.0	1.1	55.5	818.1
70,0°	9.4	7.8	5.7	3.1	2.3	1.5	1.2	1.4	0.9	0.6	0.8	54.6	872.7
72,5°	13.7	8.3	4.8	2.2	1.1	0.4	0.3	0.5	0.4	0.0	0.0	49.9	922.6
75,0°	13.4	5.5	1.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	41.2	963.8
77,5°	6.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	988.7
80,0°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	998.3
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1000.0
85,0°	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
87,5°	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
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: 5XC2NC1F08HE</b> <b>EAN: 4069025078933</b>	<b>LP number</b> 59457_382
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	6370	60.5	63.8	62.2
95	241	252	6044	56.8	59.9	58.4
90	229	250	5743	53.5	56.3	54.9
85	216	248	5417	50.1	52.7	51.4
80	203	246	5091	46.7	49.1	47.9
75	190	243	4765	43.4	45.6	44.5
70	178	241	4464	40.3	42.4	41.3
65	165	238	4138	37.2	39.1	38.2
60	152	235	3812	34.2	35.8	35.0
55	140	232	3511	31.4	32.9	32.2
50	127	229	3185	28.4	29.8	29.1
45	114	225	2859	25.6	26.8	26.2
40	102	221	2558	23.0	24.0	23.5
35	89	216	2232	20.2	21.1	20.6
30	76	210	1906	17.5	18.2	17.8
25	63	203	1580	15.0	15.5	15.2
20	51	195	1279	12.6	13.1	12.8
15	38	184	953	10.1	10.4	10.2
10	25	169	627	7.7	8.0	7.8
8	21	163	527	6.7	7.0	6.8