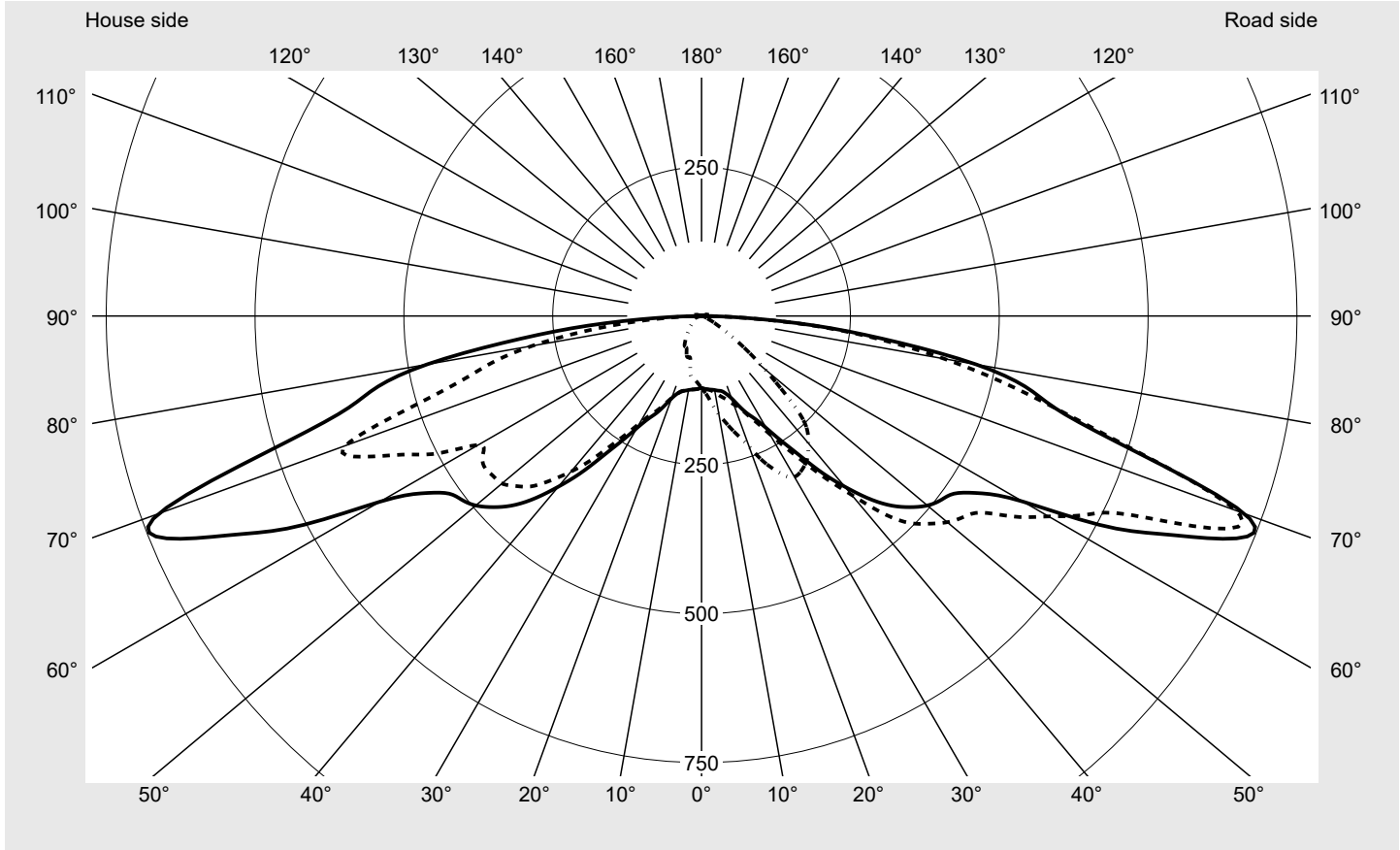


# Photometric test report

<b>Family</b> <b>Streetlight 11 mini LED</b>	<b>Order number: 5XC2C41E08FE</b> <b>EAN: 4058352583654</b>	<b>LP number</b> <b>58290_378</b>
	<b>Version</b> post-top or side-entry mounting <b>Optic</b> asymmetric, extremely wide distribution (P1.0a) <b>Cover</b> transparent, PMMA <b>Lamps</b> LED 4000 K   CRI ≥ 70 <b>Controlgear</b> ECG SITECO iQ <b>Rated values</b> Net luminous flux = 5820 lm Power consumption = 38.6 W Luminous efficacy = 150.8 lm/W	<b>serial documentation</b> <b>17.06.2024</b>



**Luminous intensity in cd/klm** C180-0 C185-5 C270-90 **Imax: 975 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:	---
Imax 70°	970.0
Imax 80°	468.3
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

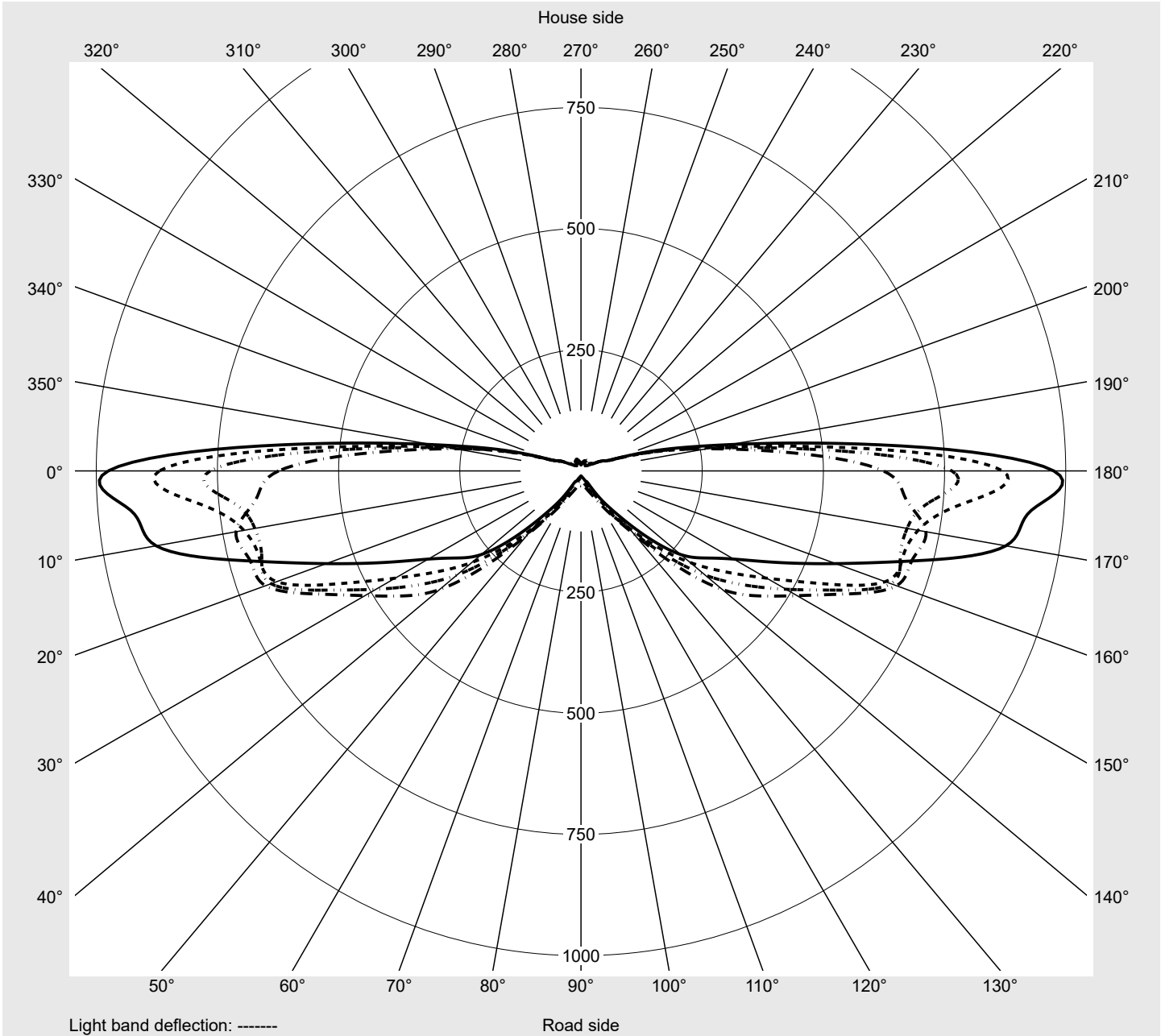
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2C41E08FE</b> <b>EAN: 4058352583654</b>	<b>LP number</b> <b>58290_378</b>
--	--	--------------------------------------

**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**    **siteco**



## Photometric test report

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2C41E08FE</b> <b>EAN: 4058352583654</b>	<b>LP number</b> <b>58290_378</b>
<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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
2,5°	122.3	122.5	122.6	123.2	123.7	123.4	123.1	123.4	123.7	124.7	125.7	126.5	127.1
5,0°	123.7	124.0	124.3	125.4	126.6	128.2	129.7	130.6	131.5	133.0	134.7	136.1	137.1
7,5°	124.7	126.5	128.8	133.3	138.0	141.2	143.7	145.6	147.0	148.2	149.3	150.9	152.7
10,0°	126.2	130.4	135.0	141.5	147.9	152.4	156.1	159.3	161.9	163.8	165.3	167.1	168.6
12,5°	128.5	136.5	143.9	149.9	155.1	160.1	165.1	170.7	176.1	180.5	184.4	184.5	184.6
15,0°	130.7	142.2	152.4	158.4	163.4	169.3	175.7	182.8	189.8	195.8	201.5	201.5	201.6
17,5°	136.9	149.0	159.7	166.0	171.2	178.3	185.9	193.8	201.6	209.1	215.4	218.9	221.5
20,0°	147.2	157.9	167.8	175.4	182.7	192.3	201.7	209.0	215.6	222.8	229.4	234.3	238.7
22,5°	163.1	166.7	172.6	184.8	199.0	212.3	225.7	228.8	232.4	237.4	242.9	248.6	254.3
25,0°	180.1	183.6	186.3	201.4	216.7	233.0	249.6	250.1	250.6	254.1	257.7	261.5	265.5
27,5°	195.0	202.5	211.1	222.8	234.9	245.6	255.3	263.7	271.6	274.1	276.7	275.9	274.9
30,0°	217.4	229.1	240.4	248.8	256.5	258.7	260.9	276.1	291.2	290.9	290.7	282.9	275.1
32,5°	248.0	261.1	273.7	276.3	278.7	281.0	283.2	296.0	308.8	305.0	301.1	282.5	263.9
35,0°	284.4	299.2	312.1	310.8	309.6	308.8	308.1	317.2	326.4	317.0	303.5	277.7	247.7
37,5°	331.0	344.9	353.9	352.0	350.1	342.1	334.1	331.6	329.1	314.6	295.3	262.0	223.9
40,0°	374.2	392.1	403.9	400.7	397.5	381.6	365.7	351.4	334.7	312.8	284.2	244.3	200.1
42,5°	416.0	448.2	476.1	469.0	461.9	436.1	408.8	377.9	344.2	306.8	268.7	233.2	198.3
45,0°	450.1	491.0	528.9	521.1	513.4	481.0	445.7	402.1	354.4	301.8	253.4	220.1	196.6
47,5°	475.2	516.4	552.2	548.7	545.2	514.2	477.5	425.1	365.1	297.4	237.2	204.4	183.7
50,0°	495.1	538.7	575.9	576.8	577.8	542.1	500.6	443.3	376.5	295.9	223.5	186.9	164.8
52,5°	507.3	554.5	593.7	603.7	613.8	565.0	513.8	459.3	394.8	302.7	215.3	165.9	133.8
55,0°	519.6	575.8	624.0	634.5	645.0	582.4	520.6	465.7	401.7	301.3	203.9	146.6	109.0
57,5°	553.9	627.9	687.7	682.8	677.8	595.6	517.6	457.2	391.1	286.3	185.8	129.4	93.7
60,0°	623.7	673.2	722.6	707.6	692.7	600.9	514.7	449.6	380.6	273.4	171.3	113.5	77.7
62,5°	765.0	724.1	683.2	681.8	680.4	582.0	488.3	410.0	334.1	244.9	162.1	106.3	59.2
65,0°	869.8	788.1	706.3	687.2	668.1	550.6	442.6	362.9	293.8	220.9	152.9	96.0	43.0
67,5°	975.3	932.6	889.9	716.1	559.2	446.8	363.8	313.2	268.3	192.9	118.3	70.4	30.3
70,0°	970.0	955.0	939.9	679.3	458.3	349.5	293.2	261.4	232.0	159.5	86.0	46.9	17.5
72,5°	775.6	781.4	787.2	572.6	358.0	286.7	225.8	200.4	176.6	116.6	57.2	30.5	13.2
75,0°	627.2	632.9	638.6	459.6	280.7	225.1	176.3	151.1	126.7	80.5	28.3	19.1	9.8
77,5°	561.6	521.6	481.7	351.7	241.3	188.8	157.4	120.1	84.9	51.4	18.6	13.2	7.8
80,0°	468.3	413.9	354.0	271.0	194.5	158.4	131.2	85.3	43.2	23.9	11.7	8.7	6.1
82,5°	324.8	303.9	272.2	207.6	132.0	113.5	92.3	60.4	30.7	17.2	8.7	6.6	4.8
85,0°	198.9	192.4	185.9	132.3	78.7	69.1	57.4	37.8	19.3	11.0	5.8	4.5	3.4
87,5°	74.6	72.1	69.7	49.6	29.5	25.9	21.5	14.2	7.2	4.1	2.2	1.7	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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: 5XC2C41E08FE</b> <b>EAN: 4058352583654</b>	<b>LP number</b> <b>58290_378</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>

**siteco**

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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
2,5°	127.4	127.7	127.7	127.7	128.0	128.2	122.3	122.3	122.1	121.9	121.9	121.9	121.9
5,0°	137.7	138.1	138.1	138.1	138.3	138.5	123.5	123.4	123.4	123.5	123.6	123.7	123.0
7,5°	153.2	153.7	154.1	154.4	153.8	153.2	124.4	124.2	124.7	125.1	126.8	128.5	125.0
10,0°	169.4	170.0	169.9	169.8	168.9	167.9	125.6	124.9	126.7	128.2	129.0	129.5	125.4
12,5°	186.2	187.7	185.4	183.4	182.4	181.9	128.2	128.0	130.8	133.6	127.8	122.8	120.2
15,0°	203.1	204.5	201.3	198.0	197.7	197.3	131.6	132.5	135.5	138.4	129.3	120.2	118.1
17,5°	221.1	220.7	216.8	212.9	213.1	213.3	137.5	138.1	140.1	142.1	132.7	123.3	131.5
20,0°	237.1	235.3	232.9	230.3	231.6	232.8	146.5	145.8	146.1	146.4	137.0	127.5	145.4
22,5°	251.7	249.2	252.2	255.2	257.7	260.2	159.2	155.9	153.9	152.3	145.2	138.0	144.5
25,0°	262.6	259.7	266.6	272.9	277.9	282.5	174.3	167.8	162.7	156.9	148.6	139.5	137.4
27,5°	273.1	271.1	276.4	282.7	291.9	301.9	188.1	180.5	171.1	159.6	143.2	127.6	120.2
30,0°	273.0	270.9	278.6	287.3	299.1	311.9	208.0	197.1	181.3	162.2	137.9	115.4	103.4
32,5°	258.5	253.1	268.9	284.0	297.3	309.8	235.0	218.3	192.5	162.9	130.4	102.2	88.7
35,0°	241.8	235.9	259.7	280.8	293.6	303.6	266.3	241.9	204.7	163.6	126.6	90.2	79.4
37,5°	221.5	219.2	243.1	264.9	280.3	293.6	305.1	269.2	219.6	166.4	120.4	76.1	69.0
40,0°	201.6	203.2	224.2	244.3	262.0	278.8	341.2	295.9	233.5	168.6	117.3	69.5	62.5
42,5°	194.5	190.6	204.0	219.3	240.4	263.5	374.2	321.6	248.4	174.7	122.4	76.2	62.4
45,0°	183.0	173.7	181.1	188.4	211.6	234.8	404.7	347.2	258.7	171.4	116.1	78.6	58.3
47,5°	166.4	151.9	148.8	145.8	164.0	182.2	422.7	354.8	251.4	153.4	104.1	75.7	55.6
50,0°	143.4	127.0	116.6	108.7	123.0	137.2	437.8	362.3	255.4	136.9	101.6	70.4	51.2
52,5°	109.5	93.2	82.9	75.5	87.9	100.2	441.4	357.0	245.6	123.8	91.0	62.0	44.6
55,0°	83.7	68.1	58.1	51.2	60.7	70.1	444.3	351.7	234.7	108.3	78.5	52.6	38.0
57,5°	69.7	55.1	45.5	38.8	43.2	47.7	435.9	307.2	196.3	88.9	63.7	38.6	31.8
60,0°	55.7	43.7	35.1	29.0	29.8	30.7	432.8	262.8	155.7	69.5	50.0	30.6	27.2
62,5°	45.8	34.2	27.6	22.7	22.4	22.0	499.7	270.6	150.5	66.7	49.5	32.3	26.2
65,0°	33.9	25.8	20.7	17.3	15.0	13.3	550.6	278.5	147.6	63.8	47.3	32.8	24.3
67,5°	23.9	18.3	14.9	12.7	11.3	10.3	617.8	312.8	165.5	70.6	49.4	31.3	22.8
70,0°	15.0	12.6	10.7	9.1	8.4	7.8	636.6	347.2	190.2	77.4	53.8	30.2	23.7
72,5°	11.1	9.3	8.0	7.1	6.5	6.2	514.7	286.9	158.3	62.8	44.8	29.5	21.6
75,0°	8.2	6.8	5.9	5.3	5.0	4.8	416.2	231.8	127.1	49.1	38.4	28.8	22.2
77,5°	6.4	5.2	4.5	4.0	3.9	3.8	359.2	185.2	96.4	36.1	28.9	22.5	18.4
80,0°	4.7	3.9	3.4	2.9	2.9	2.8	288.8	136.8	67.1	24.9	20.6	16.9	14.8
82,5°	3.7	3.0	2.5	2.2	2.0	1.9	201.0	77.2	46.4	15.6	13.8	12.1	11.7
85,0°	2.6	2.1	1.7	1.4	1.2	1.1	116.7	34.5	21.4	8.3	8.0	7.7	8.1
87,5°	1.0	0.8	0.6	0.5	0.5	0.4	43.8	12.9	8.0	3.1	3.0	2.9	3.0
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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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: 5XC2C41E08FE</b> <b>EAN: 4058352583654</b>	<b>LP number</b> 58290_378
<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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	0.2	0.2
2,5°	121.8	120.9	120.1	119.4	118.5	117.2	115.8	115.0	114.5	114.5	114.5	1.5	1.6
5,0°	122.2	120.9	119.3	117.4	115.4	113.4	111.6	110.5	109.6	109.5	109.3	3.0	4.6
7,5°	121.7	118.7	115.9	113.2	110.9	109.7	108.9	107.8	106.8	106.3	106.0	4.7	9.3
10,0°	121.2	116.7	112.6	109.6	106.9	106.6	106.2	105.2	104.1	103.3	102.6	6.5	15.9
12,5°	118.6	117.2	115.1	110.4	105.1	100.6	96.6	93.4	90.8	89.2	88.0	8.4	24.3
15,0°	116.0	116.8	117.6	109.1	101.2	94.7	88.9	82.7	77.5	75.0	73.4	10.4	34.7
17,5°	139.7	125.7	112.7	102.6	94.6	89.1	84.7	80.1	75.7	74.2	72.8	12.7	47.4
20,0°	163.4	133.0	107.2	94.3	87.5	82.1	78.6	75.8	73.8	72.8	72.1	15.3	62.7
22,5°	151.0	124.6	101.5	87.2	78.1	72.7	69.9	67.8	66.4	66.1	65.9	17.9	80.6
25,0°	135.4	113.5	93.9	80.5	71.1	65.3	61.1	60.0	58.9	59.3	59.7	20.6	101.1
27,5°	112.9	97.6	82.4	74.1	68.4	63.2	58.5	58.2	57.9	58.1	58.4	23.2	124.3
30,0°	94.4	82.6	72.4	67.5	64.3	60.1	56.0	56.4	56.9	57.0	57.1	25.8	150.2
32,5°	80.6	71.7	64.5	60.2	57.4	55.6	54.2	53.9	53.6	52.6	51.5	28.4	178.6
35,0°	69.6	62.4	57.1	54.0	51.8	51.5	51.1	50.6	49.8	48.1	46.2	31.1	209.7
37,5°	62.1	55.8	49.6	49.0	48.3	47.0	45.4	45.3	45.2	43.0	40.7	33.7	243.4
40,0°	55.7	49.5	43.7	44.0	44.3	42.4	40.5	40.3	40.1	38.0	35.9	36.5	279.9
42,5°	50.5	44.3	40.1	39.7	39.3	37.9	36.4	34.7	33.2	32.4	31.9	40.2	320.1
45,0°	45.5	41.1	36.7	35.9	35.1	34.3	33.1	30.8	28.1	28.2	28.3	43.1	363.3
47,5°	40.8	37.2	33.6	32.5	31.4	31.1	30.9	28.2	25.4	25.3	25.1	44.7	407.9
50,0°	36.2	33.3	30.4	29.6	28.8	29.0	29.2	26.3	23.4	22.8	22.2	46.1	454.0
52,5°	31.0	28.9	26.9	27.4	27.8	28.0	28.1	25.0	22.2	20.7	19.7	46.9	500.9
55,0°	27.2	25.4	23.6	25.1	26.6	26.9	27.2	24.2	21.3	19.3	17.4	47.7	548.7
57,5°	26.0	22.8	20.6	23.0	25.1	26.0	26.6	23.8	21.0	18.3	15.6	48.6	597.2
60,0°	24.0	21.0	18.1	20.9	23.3	24.8	25.9	23.3	20.6	17.2	13.7	49.2	646.5
62,5°	20.9	18.1	16.2	18.7	21.2	21.9	22.5	20.6	18.5	16.0	13.4	49.9	696.3
65,0°	17.8	16.0	14.3	16.7	19.1	19.4	19.8	18.2	16.6	14.7	12.9	50.6	746.9
67,5°	17.5	15.6	13.7	15.6	17.2	18.1	18.7	16.9	15.1	13.7	12.4	52.1	799.0
70,0°	17.3	15.2	13.2	13.9	14.7	15.6	16.4	14.7	13.2	12.2	11.3	50.2	849.2
72,5°	17.4	14.6	13.1	11.9	10.9	11.5	12.1	11.3	10.6	10.1	9.8	41.2	890.4
75,0°	17.5	14.8	13.0	10.6	8.2	8.3	8.4	8.2	8.0	7.7	7.4	33.2	923.6
77,5°	15.5	13.1	11.1	9.0	6.9	6.2	5.6	5.2	5.0	3.9	2.9	27.2	950.8
80,0°	13.3	11.2	9.0	7.2	5.6	4.1	2.8	2.8	2.7	1.5	0.2	21.1	971.9
82,5°	11.3	8.7	6.5	5.1	4.0	2.9	1.9	1.7	1.6	0.9	0.2	15.2	987.1
85,0°	8.4	6.1	4.1	3.2	2.6	1.8	1.1	0.7	0.4	0.3	0.2	9.4	996.5
87,5°	3.1	2.3	1.6	1.2	1.0	0.7	0.4	0.3	0.2	0.2	0.1	3.5	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
100,0°	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
110,0°	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
120,0°	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
130,0°	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
140,0°	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
150,0°	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
160,0°	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
170,0°	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
180,0°	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: 5XC2C41E08FE</b> <b>EAN: 4058352583654</b>	<b>LP number</b> <b>58290_378</b>
--	--	--------------------------------------

<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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	5820	38.6	40.0	39.3
95	241	252	5522	36.3	37.7	37.0
90	229	250	5247	34.3	35.6	35.0
85	216	248	4949	32.1	33.4	32.8
80	203	246	4651	30.0	31.2	30.6
75	190	243	4354	28.0	29.1	28.6
70	178	241	4079	26.1	27.1	26.6
65	165	238	3781	24.2	25.0	24.6
60	152	235	3483	22.2	23.0	22.6
55	140	232	3208	20.5	21.1	20.8
50	127	229	2910	18.6	19.2	18.9
45	114	225	2612	16.8	17.3	17.0
40	102	221	2337	15.1	15.6	15.4
35	89	216	2039	13.3	13.8	13.6
30	76	210	1741	11.6	12.0	11.8
25	63	203	1444	10.0	10.3	10.2
20	51	195	1169	8.5	8.7	8.6
15	38	184	871	6.9	7.0	7.0
11	28	173	642	5.1	5.3	5.2