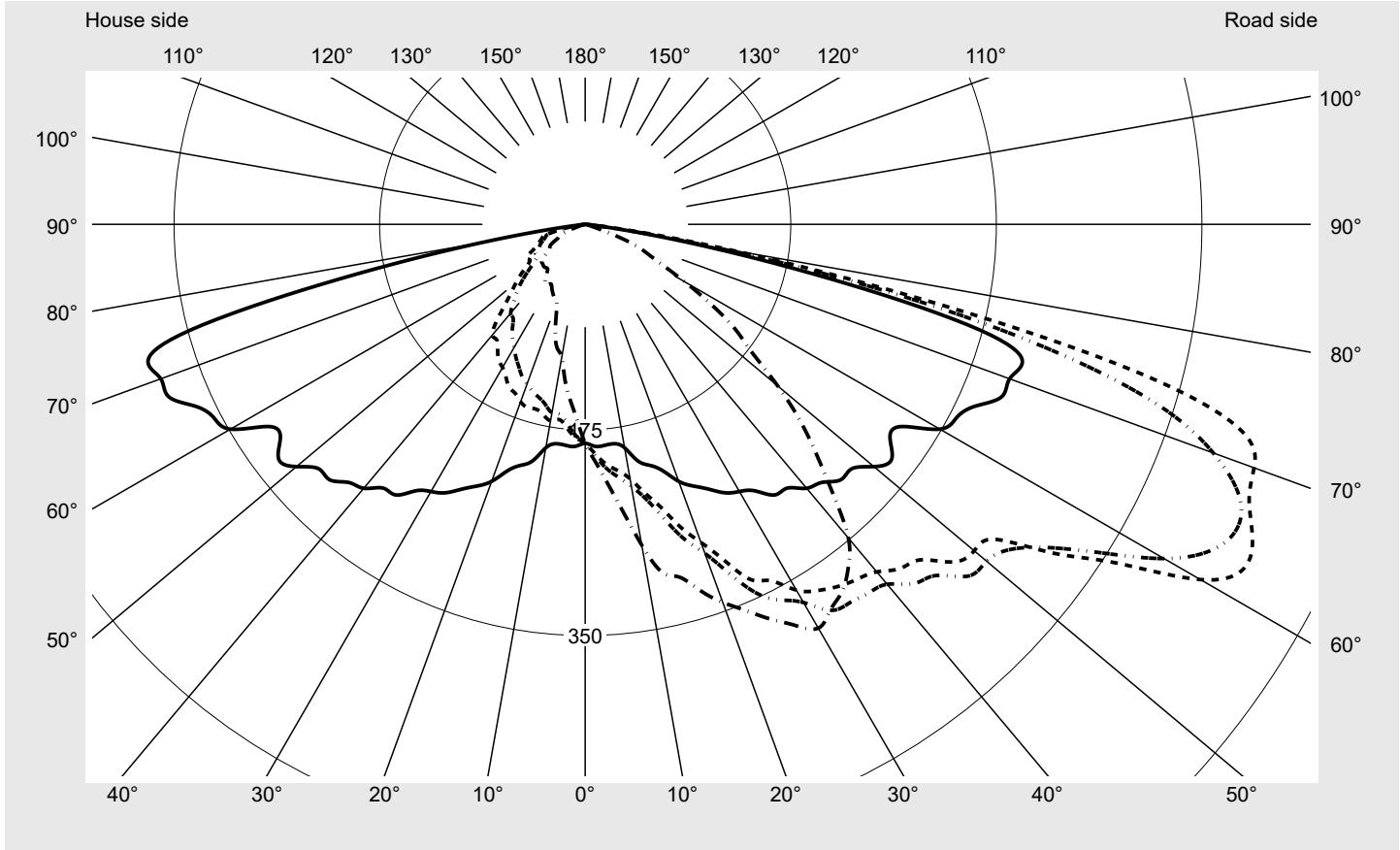


# Photometric test report

<b>Family</b> <b>Streetlight 11 mini LED</b>	<b>Order number: 5XC2J51Y08HE</b> <b>EAN: 4058352991411</b>	<b>LP number</b> <b>59351_35</b>												
	<table border="0"> <tr> <td><b>Version</b></td> <td>post-top or side-entry mounting, Smart Interface up/down</td> </tr> <tr> <td><b>Optic</b></td> <td>asymmetric, extremely wide distribution with an additional rear light component (ST1.0ST0.5)</td> </tr> <tr> <td><b>Cover</b></td> <td>transparent, PMMA</td> </tr> <tr> <td><b>Lamps</b></td> <td>LED 3000 K   CRI ≥ 70</td> </tr> <tr> <td><b>Controlgear</b></td> <td>EVG SITECO iQ - Smart Interface</td> </tr> <tr> <td><b>Rated values</b></td> <td>Net luminous flux = 8250 lm Power consumption = 58.1 W Luminous efficacy = 142 lm/W</td> </tr> </table>	<b>Version</b>	post-top or side-entry mounting, Smart Interface up/down	<b>Optic</b>	asymmetric, extremely wide distribution with an additional rear light component (ST1.0ST0.5)	<b>Cover</b>	transparent, PMMA	<b>Lamps</b>	LED 3000 K   CRI ≥ 70	<b>Controlgear</b>	EVG SITECO iQ - Smart Interface	<b>Rated values</b>	Net luminous flux = 8250 lm Power consumption = 58.1 W Luminous efficacy = 142 lm/W	<b>serial documentation</b> <b>28.09.2023</b>  
<b>Version</b>	post-top or side-entry mounting, Smart Interface up/down													
<b>Optic</b>	asymmetric, extremely wide distribution with an additional rear light component (ST1.0ST0.5)													
<b>Cover</b>	transparent, PMMA													
<b>Lamps</b>	LED 3000 K   CRI ≥ 70													
<b>Controlgear</b>	EVG SITECO iQ - Smart Interface													
<b>Rated values</b>	Net luminous flux = 8250 lm Power consumption = 58.1 W Luminous efficacy = 142 lm/W													

**Luminous intensity in cd/klm**    **C180-0**    **C200-20**    **C205-25**    **C270-90**    **Imax: 633 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:	G2
Imax 70°	629.2
Imax 80°	139.7
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

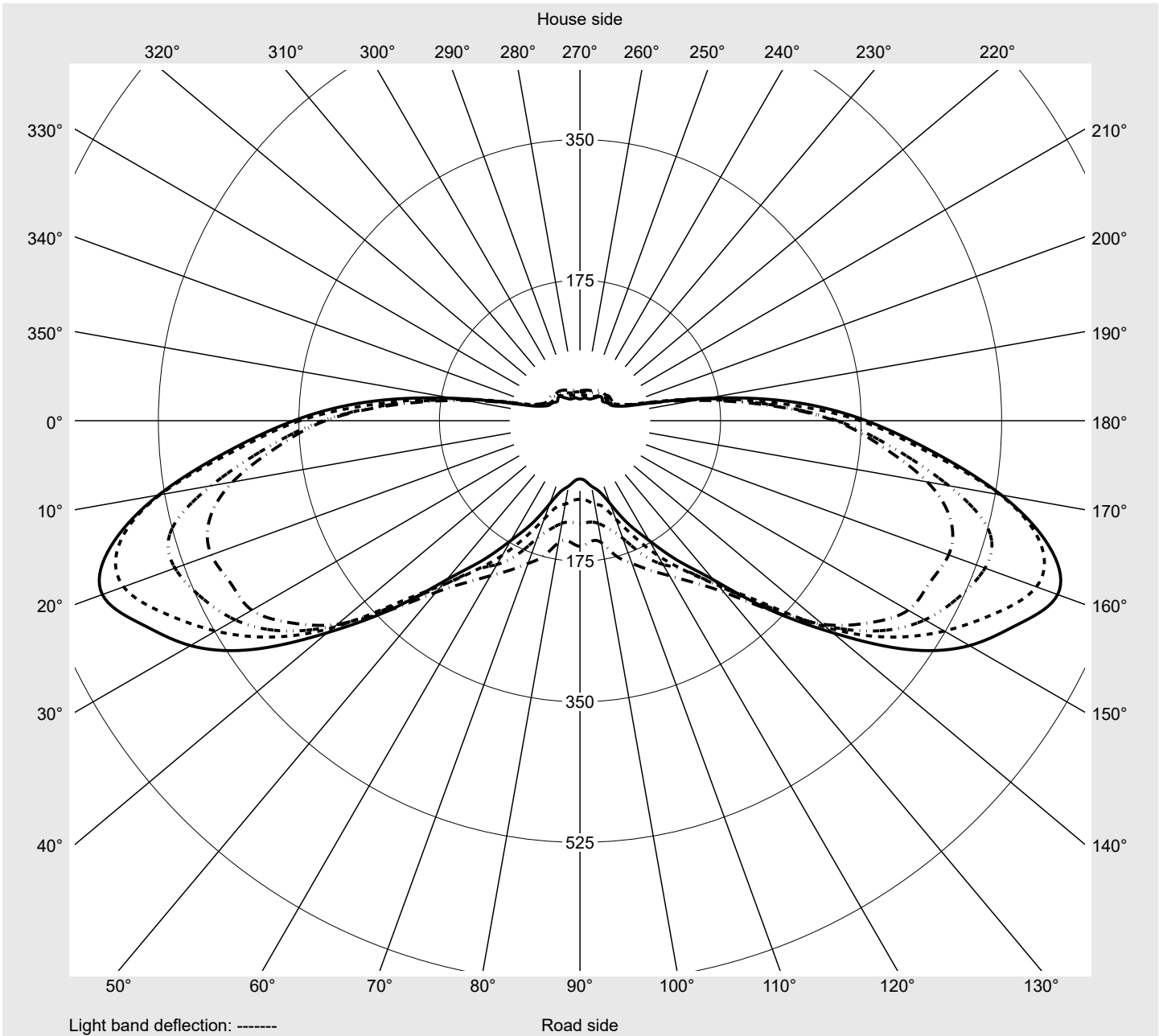
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2J51Y08HE</b> <b>EAN: 4058352991411</b>	<b>LP number</b> 59351_35
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**Envelope curve in cd/klm**      **KMK 62.5°**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**      **siteco**



## Photometric test report

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2J51Y08HE</b> <b>EAN: 4058352991411</b>	<b>LP number</b> 59351_35
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siteco

### Table of values for luminous intensities Maximum luminous intensity

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°	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4
2,5°	189.1	190.8	192.7	194.2	195.7	197.2	198.8	199.9	200.6	201.1	201.8	202.5	202.8
5,0°	188.9	193.0	197.2	201.2	204.8	208.6	212.0	214.5	216.9	219.2	220.0	220.3	221.0
7,5°	188.4	193.0	199.3	205.4	211.4	217.1	223.0	227.3	229.9	231.8	232.7	234.3	237.2
10,0°	193.1	198.8	206.8	213.9	219.9	226.4	232.6	239.3	244.2	249.3	254.5	257.4	260.7
12,5°	206.1	214.5	220.8	229.0	234.2	239.5	247.4	255.4	263.7	269.7	275.8	281.1	282.8
15,0°	212.4	223.0	233.6	241.8	249.4	259.1	265.4	271.2	278.7	287.0	296.3	302.5	306.5
17,5°	220.0	234.8	248.9	260.3	270.3	281.0	287.0	292.5	297.2	298.8	300.7	308.4	316.0
20,0°	232.8	246.6	256.8	271.0	288.2	298.1	309.0	320.0	321.0	323.0	320.5	321.7	328.5
22,5°	241.1	260.5	276.3	292.4	309.7	322.2	331.0	340.9	346.7	342.2	337.7	339.5	342.2
25,0°	248.7	270.3	293.7	315.2	333.7	346.8	356.0	365.1	365.2	355.8	353.6	354.5	353.5
27,5°	257.6	281.7	302.6	322.4	342.0	360.6	372.8	377.7	374.3	365.9	364.2	362.2	365.3
30,0°	262.6	288.5	312.2	342.2	359.5	371.7	384.8	388.7	385.2	379.7	380.1	374.5	372.6
32,5°	269.0	299.5	326.2	351.9	369.5	389.5	398.3	399.7	400.6	394.7	389.4	382.1	383.0
35,0°	281.2	304.9	333.4	360.8	376.1	393.0	396.5	399.9	400.2	397.3	392.2	383.8	382.1
37,5°	282.9	313.2	341.0	363.0	380.7	395.8	404.2	405.6	399.2	394.3	385.1	377.4	370.1
40,0°	293.3	324.4	349.0	369.5	386.2	399.9	411.5	406.9	400.5	388.2	373.4	363.7	354.4
42,5°	298.0	325.8	359.6	379.7	397.3	414.7	420.3	411.0	393.5	382.0	371.4	360.9	349.4
45,0°	307.6	333.9	374.0	394.1	403.9	422.7	423.7	415.2	397.5	386.4	366.4	340.7	330.5
47,5°	307.9	346.6	385.6	408.8	425.3	443.0	438.7	417.3	399.5	392.0	354.4	317.1	306.5
50,0°	320.8	363.3	394.0	416.7	432.3	445.9	447.4	426.9	402.0	371.5	339.7	306.2	280.5
52,5°	328.8	373.5	413.5	436.4	440.5	455.0	453.5	419.4	386.4	352.0	313.5	273.9	247.9
55,0°	316.8	378.8	439.2	477.8	488.5	479.6	471.8	438.8	394.3	332.9	278.8	245.8	222.9
57,5°	320.3	392.1	466.4	526.9	536.6	520.2	495.9	455.9	396.4	325.1	268.5	227.1	206.7
60,0°	348.7	432.1	530.9	593.9	604.8	569.0	523.8	469.6	400.2	320.2	267.7	227.7	193.6
62,5°	356.4	440.6	532.7	604.8	632.9	600.9	560.0	496.4	410.7	332.0	258.8	212.8	172.3
65,0°	366.3	443.3	517.3	584.8	626.7	612.3	587.0	509.4	423.9	335.1	243.0	190.5	156.0
67,5°	383.7	483.7	552.0	599.5	611.8	602.4	564.6	502.1	415.0	323.2	230.4	170.4	139.3
70,0°	384.5	510.1	619.9	629.2	605.9	569.0	499.5	446.2	376.6	305.7	212.8	153.8	121.9
72,5°	390.2	514.5	629.8	623.0	586.5	511.7	425.7	373.8	335.1	287.0	199.2	105.2	63.2
75,0°	348.2	447.8	521.6	521.4	487.1	406.3	322.5	296.1	262.0	185.8	87.8	31.9	11.7
77,5°	212.1	289.8	322.0	319.4	290.5	260.8	217.4	169.2	100.5	41.0	13.2	4.9	3.3
80,0°	89.2	118.6	134.9	139.7	125.2	107.6	78.1	36.2	11.2	4.3	3.3	3.1	2.4
82,5°	17.9	22.7	26.1	30.7	31.1	21.8	8.8	2.6	2.1	1.9	1.8	1.7	1.6
85,0°	1.5	1.6	1.6	1.6	1.7	1.6	1.4	1.3	1.3	1.2	1.1	1.0	0.9
87,5°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
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

## Photometric test report

<b>Family</b> <b>Streetlight 11 mini LED</b>	<b>Order number: 5XC2J51Y08HE</b> <b>EAN: 4058352991411</b>	<b>LP number</b> <b>59351_35</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°
$\gamma$	Luminous intensity in cd/klm												
0,0°	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4
2,5°	202.5	202.1	202.5	202.6	202.6	202.6	187.3	185.4	183.6	181.9	180.1	178.0	176.6
5,0°	221.0	220.8	221.0	221.5	222.4	221.8	185.5	181.6	178.1	174.4	170.7	167.4	164.1
7,5°	239.3	240.4	242.0	243.9	245.6	246.6	183.0	177.6	172.3	167.7	163.4	159.3	155.2
10,0°	263.9	267.0	270.9	273.3	276.4	277.2	187.4	182.0	175.8	169.7	162.8	156.0	149.3
12,5°	285.7	289.2	292.2	297.0	301.3	303.4	196.2	185.7	175.5	165.7	157.0	150.2	143.8
15,0°	308.6	308.6	312.1	312.9	310.6	311.0	200.7	187.3	174.0	162.8	152.5	142.7	134.3
17,5°	320.2	320.9	325.5	328.5	328.1	327.1	205.6	190.7	176.9	163.4	149.0	136.4	126.7
20,0°	334.6	339.0	341.4	342.8	340.5	342.5	214.0	195.6	177.6	160.7	144.5	131.9	121.0
22,5°	347.0	353.5	357.9	360.0	357.2	355.5	216.2	194.8	173.9	155.7	140.2	126.0	113.6
25,0°	358.3	363.1	366.4	368.2	369.2	370.3	221.5	196.9	176.1	153.0	133.7	118.2	106.4
27,5°	370.6	372.0	376.1	380.8	383.1	384.5	228.0	200.2	172.0	146.2	127.7	111.4	96.3
30,0°	375.2	377.8	383.2	389.6	395.7	396.9	232.8	201.5	167.3	140.7	121.0	103.2	87.4
32,5°	381.9	378.9	387.4	397.0	396.9	388.8	235.0	197.9	164.2	137.0	115.2	97.2	83.2
35,0°	381.1	379.9	381.2	392.0	387.5	381.5	240.3	196.6	159.5	129.9	108.0	91.5	79.9
37,5°	369.1	368.3	371.8	377.7	373.1	368.0	240.4	196.5	155.8	123.8	100.7	86.0	76.3
40,0°	354.0	354.2	350.6	349.4	349.3	348.6	242.4	200.0	157.4	123.0	98.6	81.5	71.0
42,5°	345.7	338.7	323.3	319.1	313.5	313.2	248.0	198.0	145.5	111.5	90.0	73.1	65.3
45,0°	323.5	313.1	303.9	294.4	284.5	279.7	254.9	191.5	132.5	96.3	82.5	68.2	61.4
47,5°	299.7	280.2	265.2	258.0	250.1	248.9	246.4	178.1	117.4	85.1	74.5	64.4	57.1
50,0°	262.5	247.2	236.7	223.4	214.2	214.0	248.1	166.3	99.4	76.5	65.2	58.1	53.2
52,5°	232.0	219.3	205.9	189.3	179.9	178.8	239.2	152.3	88.0	67.8	56.8	51.5	50.0
55,0°	205.2	189.2	174.4	154.3	151.1	156.3	229.5	145.0	81.4	59.3	50.8	47.4	46.8
57,5°	183.6	155.7	139.4	129.7	126.9	127.9	234.6	151.5	86.0	56.0	47.7	43.3	42.7
60,0°	159.2	130.1	110.8	105.5	99.8	97.9	248.1	157.2	87.1	57.8	48.8	43.4	42.2
62,5°	141.2	110.0	90.9	82.9	75.2	72.6	266.5	161.1	79.6	52.8	44.4	41.8	39.5
65,0°	124.5	94.9	71.3	63.6	59.2	57.7	266.3	153.7	69.4	46.8	42.7	40.1	36.6
67,5°	109.6	77.4	57.6	49.5	46.6	45.1	261.3	139.7	59.8	43.9	40.1	38.8	36.2
70,0°	86.5	52.3	33.9	25.7	23.5	23.4	247.9	129.2	56.0	40.5	37.4	35.9	35.7
72,5°	34.2	16.1	9.8	7.3	6.8	6.6	246.9	131.3	48.5	38.4	35.3	32.2	33.0
75,0°	4.4	3.5	3.5	3.4	3.3	3.2	219.3	115.7	37.6	34.7	33.1	30.0	29.0
77,5°	2.9	2.7	2.7	2.6	2.5	2.4	142.4	71.2	23.6	24.1	24.8	21.6	18.3
80,0°	2.2	2.1	1.9	1.8	1.7	1.7	58.6	31.9	12.4	12.7	12.4	9.6	6.4
82,5°	1.5	1.4	1.3	1.2	1.1	1.1	12.1	7.1	4.0	4.1	3.7	3.1	2.9
85,0°	0.8	0.8	0.7	0.7	0.6	0.6	1.4	1.3	1.2	1.1	1.1	1.0	1.0
87,5°	0.4	0.3	0.3	0.3	0.2	0.2	0.8	0.7	0.7	0.6	0.6	0.6	0.5
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

## Photometric test report

<b>Family</b> Streetlight 11 mini LED	<b>Order number: 5XC2J51Y08HE</b> <b>EAN: 4058352991411</b>	<b>LP number</b> 59351_35
<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°	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	0.3	0.3
2,5°	174.6	173.3	171.4	170.1	169.3	168.4	167.7	166.7	166.2	166.1	165.7	2.2	2.5
5,0°	160.8	158.2	156.6	154.8	153.3	152.2	151.2	150.6	150.2	149.6	149.4	4.5	7.0
7,5°	151.8	148.3	145.2	142.0	138.4	135.9	134.3	133.2	132.9	133.1	132.8	6.8	13.8
10,0°	143.7	139.6	136.5	133.7	130.7	128.0	125.1	122.0	118.0	116.0	115.0	9.3	23.1
12,5°	137.2	131.3	127.0	123.9	120.4	117.3	114.4	111.1	109.5	108.7	108.6	12.0	35.0
15,0°	127.3	121.0	115.1	110.1	105.7	102.3	100.1	98.6	98.0	98.1	98.4	14.6	49.6
17,5°	118.0	109.9	104.1	99.2	95.2	90.5	86.8	85.5	84.8	83.6	82.4	17.3	66.9
20,0°	110.9	103.7	96.9	92.5	89.0	85.4	81.1	76.8	73.5	71.6	70.7	20.2	87.2
22,5°	103.0	94.1	88.7	85.5	83.1	79.1	76.5	74.5	71.9	69.3	67.9	23.4	110.5
25,0°	96.0	86.9	80.9	78.4	74.7	70.5	68.9	67.6	65.5	64.8	65.0	26.4	137.0
27,5°	87.5	82.5	77.8	73.4	69.0	66.1	64.3	63.6	63.5	62.2	61.4	29.3	166.3
30,0°	78.4	75.5	71.2	66.7	65.6	65.1	63.9	62.5	59.9	58.6	58.6	32.3	198.6
32,5°	75.4	70.7	66.4	64.0	63.9	62.1	59.3	58.3	58.2	59.6	61.4	35.1	233.7
35,0°	72.4	67.2	62.5	61.0	61.9	58.3	54.6	53.3	56.7	59.4	59.4	37.4	271.1
37,5°	69.3	65.1	62.1	59.7	58.1	57.1	56.3	53.9	53.2	54.1	54.3	39.2	310.3
40,0°	66.3	62.2	60.1	57.4	54.3	52.9	53.5	53.8	53.6	51.5	49.8	40.7	351.0
42,5°	62.8	60.2	55.7	54.3	52.9	52.6	52.5	52.3	51.9	50.5	50.0	42.0	393.0
45,0°	60.6	58.5	53.8	53.1	53.7	51.0	52.6	54.2	50.4	49.4	50.1	43.1	436.1
47,5°	54.0	53.6	52.7	51.3	48.2	47.0	48.3	49.3	47.4	46.7	49.3	43.6	479.7
50,0°	52.0	50.4	49.2	50.8	48.9	46.0	45.8	46.3	45.8	46.3	48.3	43.8	523.5
52,5°	51.1	48.7	45.8	47.3	47.6	45.0	42.5	42.6	43.4	43.4	42.8	43.5	566.9
55,0°	47.2	45.4	45.0	45.0	43.7	42.0	39.9	39.3	38.5	37.8	37.4	43.8	610.7
57,5°	44.8	43.4	43.0	41.4	39.0	38.2	36.8	36.0	36.1	36.1	35.7	45.0	655.8
60,0°	42.0	42.4	40.9	37.6	34.7	33.2	33.3	32.6	32.4	32.3	32.8	47.5	703.2
62,5°	37.1	38.9	39.3	35.3	32.1	29.7	29.1	29.1	28.8	27.7	27.0	48.5	751.7
65,0°	35.0	35.2	34.6	30.8	27.9	26.1	24.6	24.8	26.0	25.8	24.4	48.3	800.0
67,5°	34.2	31.7	28.6	25.9	24.9	23.5	21.3	20.8	22.4	22.6	21.4	48.0	848.0
70,0°	34.1	29.7	25.8	22.2	21.0	19.9	17.3	15.5	14.7	13.8	13.3	46.3	894.3
72,5°	30.6	27.0	23.4	16.9	12.4	11.0	9.2	7.4	6.3	5.8	5.6	42.4	936.8
75,0°	25.7	20.1	13.4	8.6	6.4	5.5	5.0	4.5	4.1	3.8	3.7	33.5	970.2
77,5°	14.2	9.2	6.7	5.4	4.9	4.5	4.1	3.8	3.3	3.0	2.9	19.7	989.9
80,0°	5.1	5.0	4.8	4.3	4.0	3.6	3.2	2.8	2.5	2.2	2.0	7.8	997.7
82,5°	3.0	3.1	3.2	3.2	3.0	2.8	2.4	2.0	1.7	1.5	1.4	1.8	999.5
85,0°	1.0	1.0	1.2	1.5	1.6	1.6	1.5	1.2	0.9	0.7	0.6	0.3	999.9
87,5°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1	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: 5XC2J51Y08HE</b> <b>EAN: 4058352991411</b>	<b>LP number</b> 59351_35
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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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	8250	58.1	60.6	59.4
95	241	252	7828	54.7	56.9	55.8
90	229	250	7438	51.5	53.6	52.6
85	216	248	7016	48.1	50.1	49.1
80	203	246	6594	44.9	46.7	45.8
75	190	243	6171	41.7	43.4	42.6
70	178	241	5781	38.8	40.3	39.6
65	165	238	5359	35.7	37.2	36.4
60	152	235	4937	32.7	34.0	33.4
55	140	232	4547	30.0	31.2	30.6
50	127	229	4125	27.1	28.1	27.6
45	114	225	3703	24.3	25.2	24.8
40	102	221	3313	21.7	22.5	22.1
35	89	216	2891	19.0	19.7	19.4
30	76	210	2469	16.4	17.0	16.7
25	63	203	2046	13.8	14.3	14.0
20	51	195	1656	11.4	11.8	11.6
15	38	184	1234	8.8	9.0	8.9
14	35	181	1137	8.2	8.4	8.3