
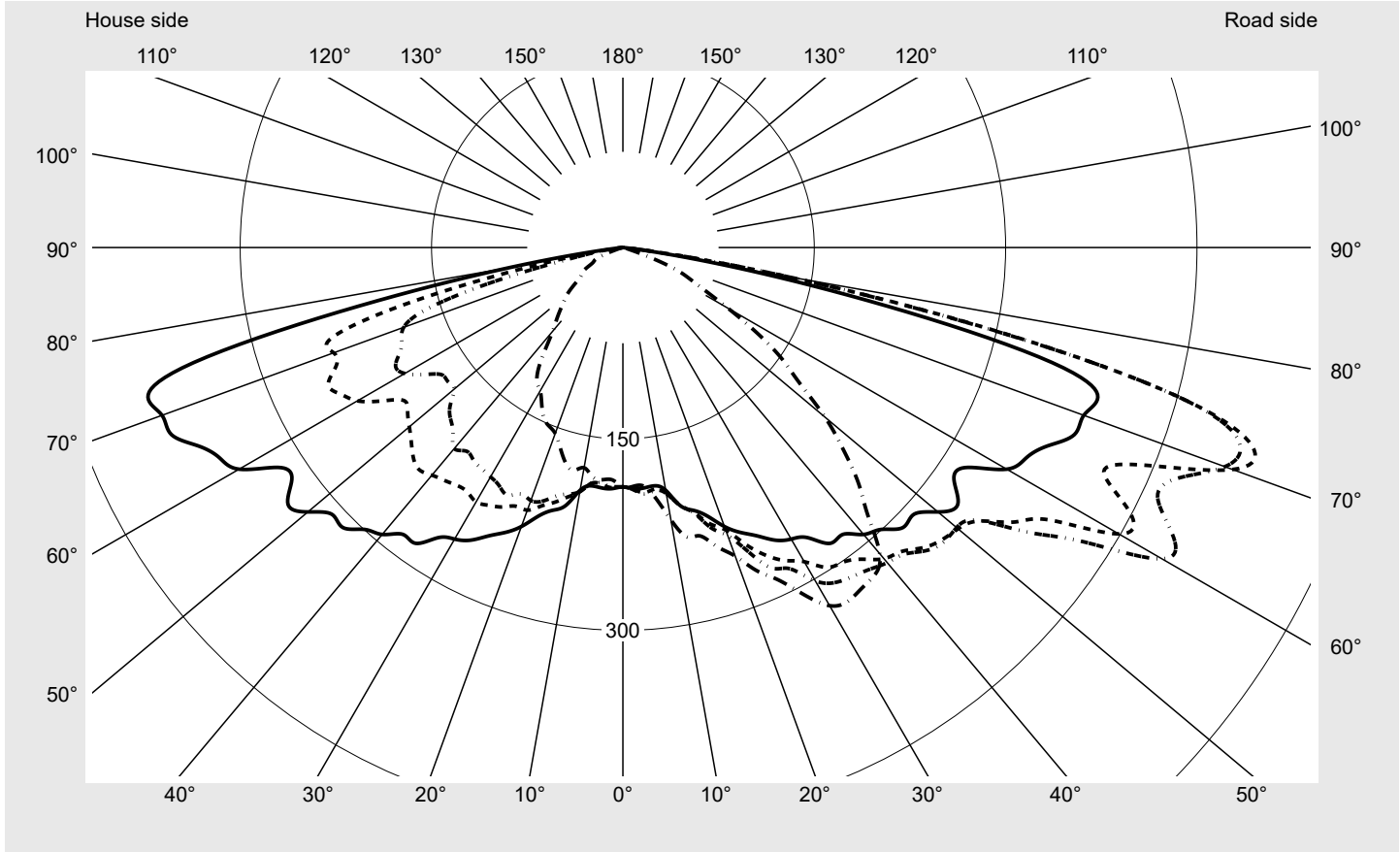


# Photometric test report

<b>Family</b> <b>Streetlight 11 midi LED</b>	<b>Order number: 5XC3J51Y08ME</b> <b>EAN: 4058352991916</b>	<b>LP number</b> <b>59599_101</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 = 17650 lm Power consumption = 122.7 W Luminous efficacy = 143.8 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: 517 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°	508.6
Imax 80°	129.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

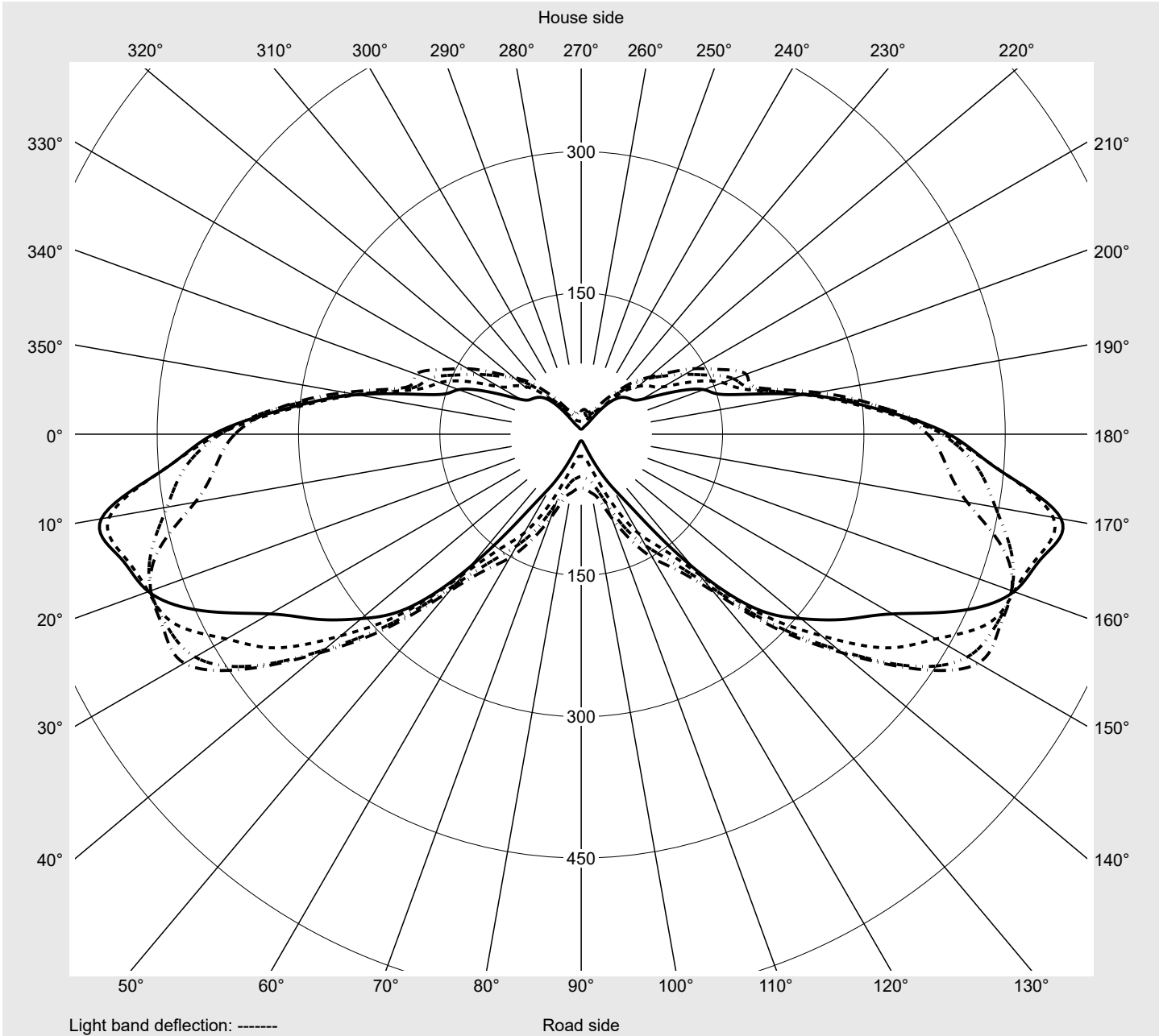
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Streetlight 11 midi LED	<b>Order number: 5XC3J51Y08ME</b> <b>EAN: 4058352991916</b>	<b>LP number</b> 59599_101
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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 midi LED	<b>Order number: 5XC3J51Y08ME</b> <b>EAN: 4058352991916</b>	<b>LP number</b> 59599_101
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</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°
$\gamma$	Luminous intensity in cd/klm												
0,0°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6
2,5°	189.1	189.4	189.7	190.1	190.6	191.4	191.4	191.4	191.2	190.9	190.8	190.8	189.9
5,0°	189.1	190.9	192.7	193.8	194.6	195.1	196.0	196.0	196.2	196.1	195.3	193.9	192.8
7,5°	188.4	189.1	190.9	192.0	194.2	196.1	198.2	199.3	198.6	197.2	196.0	195.1	195.6
10,0°	193.1	192.8	194.5	195.7	197.5	199.0	200.7	202.6	203.2	204.5	205.9	206.4	207.3
12,5°	207.1	207.4	206.8	207.0	205.9	204.9	207.6	210.5	213.4	215.9	219.6	221.3	221.0
15,0°	213.2	213.9	215.1	215.3	215.4	216.8	218.3	219.3	221.4	225.0	230.3	233.5	234.7
17,5°	220.8	224.4	227.0	230.5	232.0	233.3	233.1	232.6	231.8	228.7	228.6	234.0	239.3
20,0°	232.7	235.4	235.6	240.2	246.3	248.1	251.0	253.1	250.8	248.0	243.6	243.0	247.2
22,5°	241.8	247.8	251.9	258.6	265.4	268.3	270.2	273.5	273.0	264.4	258.2	259.1	261.4
25,0°	249.4	257.8	266.3	277.3	286.2	290.8	292.6	292.4	289.3	277.1	271.6	273.5	274.2
27,5°	258.6	266.8	276.6	283.8	292.5	300.8	307.3	304.9	298.9	289.9	285.1	281.1	285.8
30,0°	263.8	274.9	284.3	301.7	306.4	311.5	316.4	315.8	311.5	304.2	298.8	295.6	299.7
32,5°	269.6	282.6	297.2	311.1	315.1	325.5	329.9	326.4	325.7	322.3	315.2	311.0	314.7
35,0°	283.0	289.9	301.0	314.5	321.6	329.2	324.5	326.1	326.3	323.5	321.5	317.6	319.1
37,5°	283.4	295.2	307.9	317.8	322.2	328.6	331.2	331.2	328.9	322.7	321.3	313.9	314.8
40,0°	293.5	307.9	318.4	322.3	325.9	332.8	335.7	330.0	329.4	320.2	313.8	310.8	307.8
42,5°	299.7	306.0	323.2	326.0	334.2	341.9	344.5	337.5	327.4	320.8	316.4	311.8	304.4
45,0°	310.4	313.5	332.7	335.9	335.6	345.9	346.1	341.0	334.2	328.8	313.5	298.6	291.8
47,5°	309.4	320.3	339.1	341.3	346.5	357.8	355.3	341.7	336.1	332.7	308.7	279.5	276.5
50,0°	322.4	339.4	343.0	341.5	341.7	354.3	359.8	353.8	335.4	319.9	297.5	273.2	254.5
52,5°	330.8	344.2	352.1	351.2	348.1	359.1	364.3	343.3	324.0	303.4	275.7	247.5	227.2
55,0°	316.8	346.8	375.0	389.5	383.4	376.6	380.4	360.5	332.6	291.1	245.8	224.1	204.6
57,5°	320.7	355.6	397.6	429.8	426.5	416.9	401.5	378.0	334.6	280.5	235.8	208.0	191.6
60,0°	347.4	395.1	448.9	488.1	481.1	459.2	428.0	390.9	339.9	275.8	235.1	206.7	182.0
62,5°	356.6	405.1	447.5	485.3	498.4	483.6	459.4	419.2	348.6	287.8	229.7	195.1	165.7
65,0°	367.6	389.3	415.9	462.5	486.1	489.2	486.4	434.7	360.9	290.9	218.0	175.5	151.5
67,5°	383.1	423.0	446.4	471.8	486.1	484.4	473.2	429.4	356.5	283.3	208.9	163.8	136.7
70,0°	384.5	447.0	508.6	502.2	488.9	476.2	434.8	395.5	332.9	269.7	193.5	147.4	121.4
72,5°	390.3	446.6	517.1	506.5	488.8	443.6	381.6	342.6	304.7	261.8	184.8	101.2	63.2
75,0°	348.3	408.5	449.2	449.2	425.3	358.9	292.4	272.0	244.8	171.5	82.2	30.3	13.1
77,5°	212.3	272.5	293.1	290.5	265.5	234.8	198.2	156.8	93.2	36.0	12.3	5.4	4.9
80,0°	88.8	115.3	129.6	128.3	113.9	98.6	71.2	32.4	10.0	5.0	4.8	4.4	4.0
82,5°	18.0	22.3	25.1	28.5	29.7	20.8	8.6	2.9	3.0	3.1	3.2	3.2	3.0
85,0°	1.5	1.4	1.3	1.3	1.3	1.2	1.0	1.0	1.0	1.0	1.2	1.5	1.6
87,5°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
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

## Photometric test report

<b>Family</b> Streetlight 11 midi LED	<b>Order number: 5XC3J51Y08ME</b> <b>EAN: 4058352991916</b>	<b>LP number</b> 59599_101
<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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6
2,5°	189.2	188.2	188.3	188.0	187.9	187.3	188.7	188.5	187.5	186.7	186.8	185.8	185.5
5,0°	191.5	190.3	188.9	187.9	188.1	187.7	188.3	186.6	185.7	185.6	184.8	184.5	184.2
7,5°	196.3	196.3	197.0	197.6	197.9	198.3	187.4	186.2	186.0	185.8	185.3	185.1	184.1
10,0°	208.2	209.6	212.5	214.2	216.3	216.7	193.6	194.4	194.1	193.0	190.7	188.8	186.7
12,5°	221.3	222.9	223.4	227.2	230.8	232.3	204.2	200.3	197.9	195.0	193.3	191.6	190.1
15,0°	236.0	235.5	235.7	236.1	234.6	234.0	211.2	206.7	201.6	197.6	194.8	191.1	187.8
17,5°	242.2	243.1	245.4	246.3	246.0	245.8	217.2	212.3	208.3	202.7	195.6	190.9	187.1
20,0°	252.1	256.1	259.5	258.7	255.8	257.3	226.2	219.0	211.0	203.1	196.5	191.2	186.5
22,5°	266.1	271.5	276.3	276.2	275.1	274.1	229.2	219.4	209.0	200.7	195.1	188.5	181.6
25,0°	280.3	283.3	286.0	287.6	287.1	287.2	235.2	224.3	214.1	200.3	190.1	181.8	176.5
27,5°	290.3	294.9	299.3	304.4	309.3	306.4	243.4	227.7	210.3	195.1	186.9	177.4	168.2
30,0°	301.5	305.0	313.5	320.4	325.3	324.1	247.2	230.2	207.5	192.7	181.8	170.5	160.1
32,5°	315.4	313.3	321.2	331.9	331.4	328.6	252.1	227.1	205.6	190.3	177.7	166.0	157.3
35,0°	321.7	321.5	324.9	334.5	333.3	326.2	256.9	227.4	203.9	185.4	172.9	162.7	154.1
37,5°	317.8	320.7	327.1	328.9	327.0	323.8	257.5	230.0	201.2	181.9	167.3	158.7	151.9
40,0°	307.3	310.5	312.3	313.0	311.4	313.2	259.2	232.9	205.7	182.2	167.4	156.0	145.4
42,5°	305.4	303.1	291.1	288.4	285.4	284.0	267.7	236.2	197.2	174.9	162.2	148.5	139.8
45,0°	290.8	284.4	277.0	272.8	265.0	261.1	275.9	232.4	190.8	167.2	159.5	146.7	134.0
47,5°	270.6	255.9	246.6	242.7	234.4	234.3	272.0	225.0	183.7	166.1	158.9	145.7	131.9
50,0°	241.3	228.6	222.0	212.9	205.7	206.8	273.0	218.6	172.5	164.5	157.6	142.5	128.6
52,5°	214.3	205.4	196.5	180.2	174.2	174.7	269.4	212.7	172.7	162.4	153.3	140.9	125.8
55,0°	190.7	179.3	168.0	149.3	147.3	152.3	261.5	209.3	173.7	162.6	152.1	138.5	125.9
57,5°	172.4	150.1	133.4	126.9	123.7	124.8	270.7	223.7	185.2	166.8	152.0	136.9	120.4
60,0°	153.5	126.7	108.7	103.7	98.3	95.0	283.7	240.3	197.4	180.7	159.1	141.2	120.8
62,5°	137.5	108.9	90.1	82.0	74.6	71.9	301.0	249.2	200.9	188.4	164.4	142.9	116.9
65,0°	123.3	94.4	71.3	63.4	58.7	57.3	321.5	254.8	192.5	186.2	162.5	139.1	114.1
67,5°	109.4	78.0	58.2	49.5	46.5	44.6	321.8	243.5	187.7	172.1	148.4	127.0	107.7
70,0°	86.9	53.4	34.8	26.2	23.6	23.7	309.9	241.2	182.8	159.9	132.1	100.7	89.1
72,5°	35.7	17.6	10.9	8.0	7.2	7.0	313.4	241.5	162.1	138.4	104.7	73.8	64.8
75,0°	6.0	5.1	4.6	4.2	3.8	3.6	256.9	189.9	109.6	95.2	79.3	59.6	52.0
77,5°	4.5	4.1	3.8	3.4	3.0	2.9	160.2	101.0	50.6	48.8	49.7	40.8	30.9
80,0°	3.6	3.2	2.9	2.5	2.2	2.1	62.6	36.5	23.8	23.4	21.7	16.7	10.2
82,5°	2.8	2.5	2.0	1.7	1.5	1.4	12.4	8.0	6.0	5.5	4.8	3.3	2.6
85,0°	1.6	1.5	1.2	0.9	0.7	0.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3
87,5°	0.3	0.3	0.3	0.3	0.1	0.1	0.8	0.8	0.8	0.8	0.7	0.7	0.7
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

## Photometric test report

<b>Family</b> Streetlight 11 midi LED	<b>Order number: 5XC3J51Y08ME</b> <b>EAN: 4058352991916</b>	<b>LP number</b> 59599_101
<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
$\gamma$	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	0.3	0.3
2,5°	184.9	184.3	182.8	182.5	182.9	182.3	182.0	181.5	181.6	182.2	182.4	2.2	2.5
5,0°	183.4	182.4	182.6	182.3	182.0	182.0	181.9	182.3	183.4	183.0	182.7	4.5	7.0
7,5°	183.2	183.3	182.2	181.8	180.9	180.2	180.5	181.0	181.4	182.1	181.4	6.8	13.8
10,0°	185.3	184.9	185.3	185.6	184.5	183.8	182.3	181.0	177.2	176.3	175.2	9.3	23.1
12,5°	188.2	185.6	184.4	184.6	183.6	182.2	180.8	179.6	179.7	179.1	178.8	12.0	35.1
15,0°	185.3	183.5	181.4	179.6	177.4	176.4	174.6	174.8	175.5	174.7	174.3	14.6	49.7
17,5°	183.8	180.2	176.7	173.6	171.5	169.0	166.5	166.3	166.5	165.1	163.9	17.3	67.0
20,0°	180.6	178.8	175.2	170.8	168.8	166.9	163.2	159.9	157.7	156.3	155.1	20.2	87.3
22,5°	176.9	171.7	169.0	166.0	163.9	160.2	158.0	157.1	154.5	152.5	151.4	23.4	110.7
25,0°	170.6	165.6	162.3	159.6	155.4	151.0	148.8	147.9	146.3	146.6	147.0	26.4	137.1
27,5°	163.4	161.2	157.4	153.8	147.7	143.4	140.5	139.9	140.0	137.8	137.9	29.3	166.5
30,0°	154.1	152.3	148.7	142.7	139.5	137.0	135.7	134.0	130.7	129.5	129.7	32.3	198.7
32,5°	150.3	145.6	140.8	135.7	132.8	128.2	124.1	122.4	122.0	123.1	125.2	35.1	233.8
35,0°	146.1	139.9	132.0	126.7	124.1	117.4	111.6	108.6	111.6	114.0	115.1	37.3	271.2
37,5°	141.8	135.1	127.6	120.4	113.6	108.7	105.6	101.3	99.1	99.0	99.1	39.2	310.4
40,0°	137.6	128.7	120.7	111.5	103.5	97.6	94.8	92.9	90.7	87.5	85.6	40.7	351.1
42,5°	130.8	122.7	110.3	103.5	96.6	90.8	86.7	83.7	81.0	78.3	77.1	42.0	393.1
45,0°	126.1	116.1	105.3	96.9	91.3	82.7	80.4	79.2	72.3	68.9	69.6	43.1	436.2
47,5°	118.5	108.0	98.7	89.8	80.1	73.5	71.3	68.3	63.3	60.6	62.9	43.6	479.7
50,0°	116.2	101.3	90.2	84.0	75.4	67.5	63.3	60.4	56.9	55.5	56.8	43.8	523.5
52,5°	113.1	96.2	82.5	75.1	69.1	62.2	55.8	52.4	50.7	49.4	48.5	43.5	567.0
55,0°	109.5	89.8	77.7	67.8	61.2	55.6	49.4	45.7	42.9	41.5	41.1	43.8	610.8
57,5°	105.8	88.0	75.5	61.7	53.6	48.0	42.9	40.0	38.9	38.8	38.3	45.0	655.9
60,0°	104.3	88.1	72.7	56.3	46.8	39.5	36.6	34.8	33.9	34.0	34.7	47.5	703.4
62,5°	97.7	83.9	68.4	53.1	39.0	33.0	30.5	30.0	29.6	28.6	27.7	48.5	751.9
65,0°	94.0	78.2	59.3	44.6	32.3	27.4	24.9	24.9	26.2	26.2	24.9	48.2	800.1
67,5°	91.3	71.2	50.3	33.6	26.9	23.6	20.7	20.3	22.2	22.5	21.6	47.9	848.0
70,0°	78.9	64.3	44.4	28.0	21.7	19.1	16.1	14.6	14.2	13.7	13.2	46.3	894.4
72,5°	60.7	53.7	39.3	20.5	12.0	9.6	7.8	6.3	5.7	5.4	5.3	42.4	936.8
75,0°	42.2	33.3	19.7	10.2	5.1	4.0	3.6	3.5	3.5	3.3	3.3	33.4	970.2
77,5°	22.1	14.1	7.8	4.9	3.3	3.0	2.8	2.6	2.6	2.5	2.4	19.7	989.9
80,0°	6.4	4.3	3.3	3.2	2.4	2.2	2.1	1.9	1.8	1.7	1.7	7.9	997.7
82,5°	2.2	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.8	999.5
85,0°	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.3	999.9
87,5°	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	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 midi LED	<b>Order number: 5XC3J51Y08ME</b> <b>EAN: 4058352991916</b>	<b>LP number</b> 59599_101
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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	17650	122.7	130.2	126.4
95	241	252	16747	115.1	122.2	118.6
90	229	250	15913	108.3	114.8	111.6
85	216	248	15009	101.2	107.2	104.2
80	203	246	14106	94.2	99.8	97.0
75	190	243	13203	87.4	92.6	90.0
70	178	241	12369	81.3	86.1	83.7
65	165	238	11466	74.7	79.2	77.0
60	152	235	10562	68.3	72.3	70.3
55	140	232	9728	62.5	66.2	64.4
50	127	229	8825	56.1	59.6	57.8
45	114	225	7922	50.0	53.0	51.5
40	102	221	7088	44.5	47.1	45.8
35	89	216	6184	38.7	40.9	39.8
30	76	210	5281	32.9	34.7	33.8
25	63	203	4378	27.2	28.8	28.0
20	51	195	3544	22.1	23.3	22.7
15	38	184	2641	16.7	17.5	17.1
13	33	179	2293	14.7	15.4	15.0