
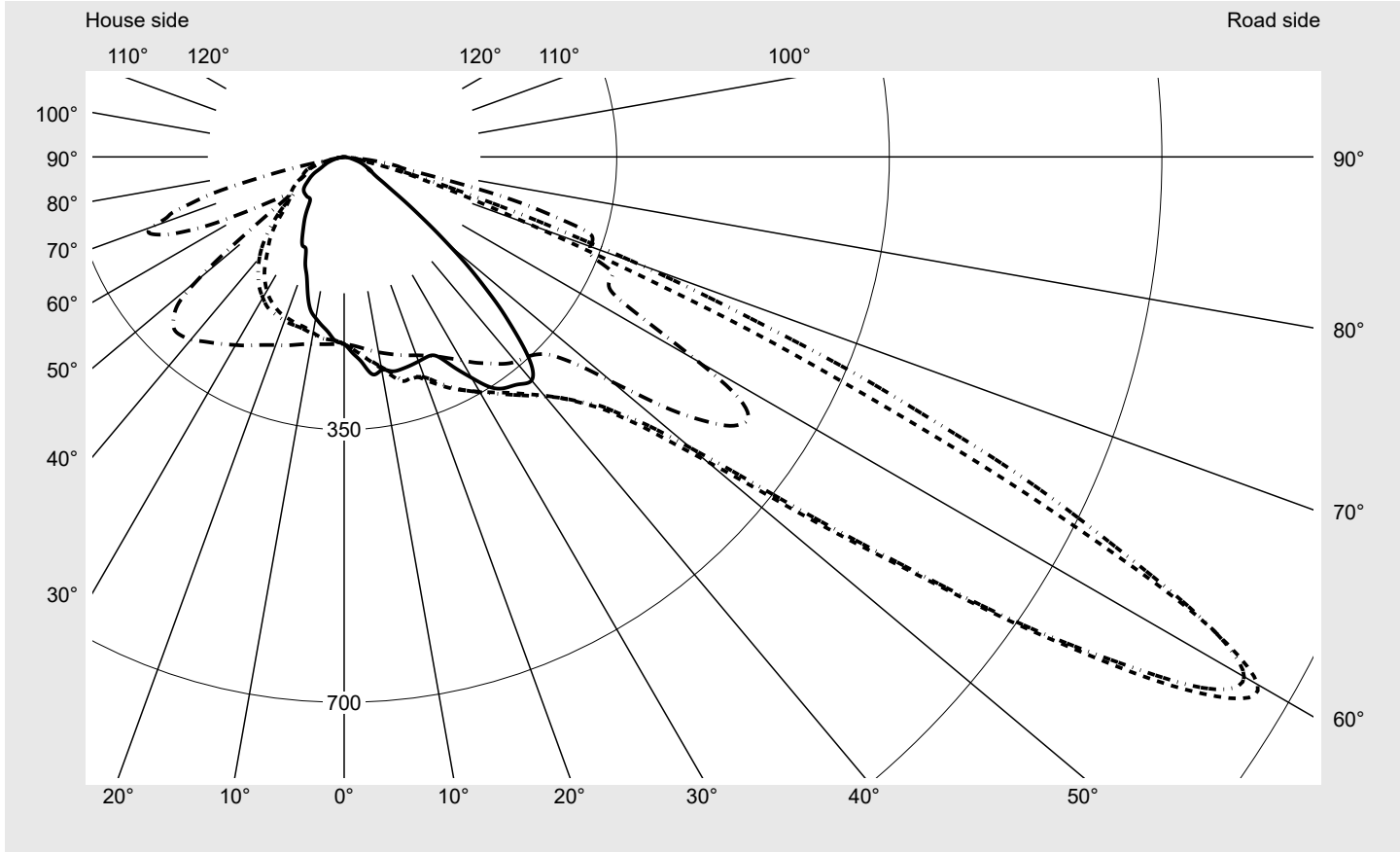


# Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
	<b>Version</b> post-top or side-entry mounting, Smart Interface up/down <b>Optic</b> pedestrian crossing, asymmetric right distribution (PC-R) <b>Cover</b> toughened safety glass <b>Lamps</b> LED 3000 K   CRI ≥ 70 <b>Controlgear</b> EVG SITECO iQ - Smart Interface <b>Rated values</b> Net luminous flux = 8880 lm Power consumption = 71.0 W Luminous efficacy = 125.1 lm/W	<b>serial documentation</b> <b>09.08.2023</b>



**Luminous intensity in cd/klm** C180-0 C242-5-62,5 C245-65 C270-90 **Imax: 1354 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:	G3
Imax 70°	751.7
Imax 80°	80.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

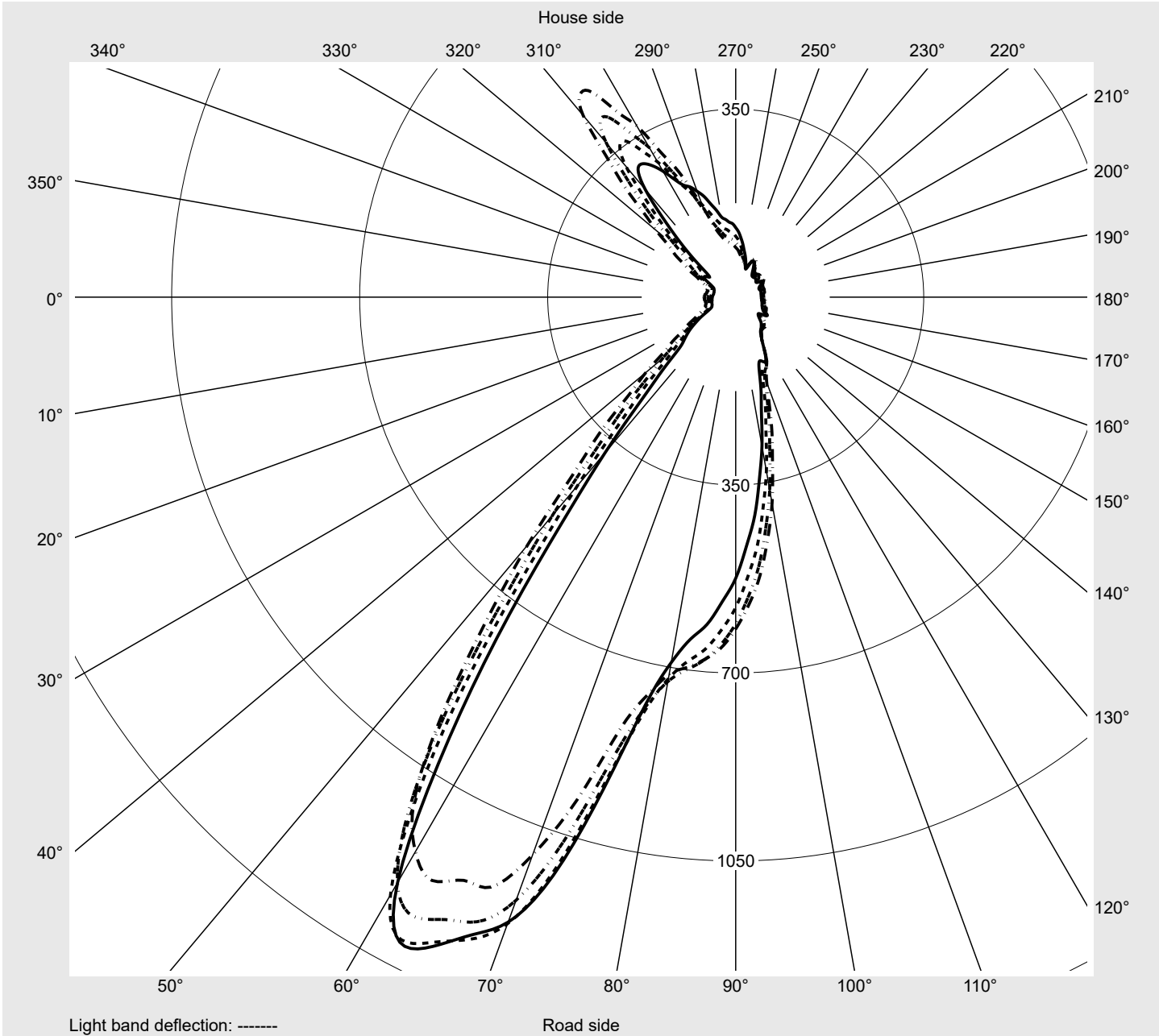
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> Streetlight 21 mini LED	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
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**Envelope curve in cd/klm**      **KMK 60°**    **KMK 59°**    **KMK 58°**    **KMK 57°**      **siteco**























## Photometric test report

<b>Family</b> Streetlight 21 mini LED	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> 59111_554
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>



C-planes	0,0°	2,5°	5,0°	7,5°	10,0°	12,5°	15,0°	17,5°	20,0°	22,5°	25,0°	27,5°	30,0°	32,5°	35,0°	37,5°	40,0°
$\gamma$	Luminous intensity in cd/klm																
74,0°	14.8	15.2	15.7	15.7	16.0	16.2	17.0	17.6	18.4	18.9	19.8	20.8	22.7	23.3	23.9	23.9	25.9
75,0°	13.0	13.1	13.6	13.6	14.0	14.1	14.8	15.3	16.2	16.9	17.6	18.4	20.1	20.6	21.1	20.8	23.2
76,0°	11.2	11.4	11.8	11.8	11.9	12.1	12.8	13.1	14.0	14.5	15.3	16.0	17.4	18.1	18.2	18.2	20.4
77,0°	9.7	10.1	10.2	10.4	10.6	10.6	11.2	11.6	12.3	12.8	13.6	14.0	15.2	15.7	15.8	16.0	18.2
78,0°	8.7	8.9	9.2	9.0	9.2	9.2	9.7	9.9	10.4	10.7	11.9	11.9	13.1	13.1	13.8	14.1	16.2
79,0°	7.8	8.0	8.4	8.0	8.2	8.2	8.4	8.4	8.9	9.2	10.1	10.2	10.9	11.2	12.1	13.0	14.3
80,0°	6.3	6.5	7.0	6.8	7.2	7.0	7.0	7.3	7.8	8.5	8.7	9.2	9.7	9.7	10.7	12.1	12.8
81,0°	4.8	4.9	5.3	5.5	5.6	5.6	5.6	5.6	6.0	6.3	7.0	7.0	7.5	8.0	9.0	10.7	10.7
82,0°	3.6	3.7	3.9	4.1	4.4	4.3	4.4	4.4	4.8	4.9	5.5	5.6	6.3	6.6	7.2	8.2	8.9
83,0°	2.6	2.7	2.9	3.1	3.2	3.1	3.2	3.4	3.6	3.7	4.1	4.3	4.8	5.1	5.5	5.8	6.6
84,0°	1.7	1.7	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.6	2.7	2.9	3.2	3.6	3.9	3.9	4.4
85,0°	1.0	1.0	1.2	1.2	1.2	1.2	1.4	1.5	1.7	1.7	1.9	1.9	2.0	2.4	2.6	2.6	2.7
86,0°	0.5	0.5	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	1.2	1.0	1.2	1.4	1.5	1.5	1.7
87,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.7	0.7	0.9	0.9	1.0
88,0°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.7	0.7
89,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	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	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
		<b>siteco</b>

C-planes	42,5°	45,0°	47,5°	50,0°	52,5°	55,0°	57,5°	60,0°	62,5°	65,0°	67,5°	70,0°	72,5°	75,0°	77,5°	80,0°	82,5°
$\gamma$	Luminous intensity in cd/klm																
<b>74,0°</b>	30.0	34.3	34.3	35.6	37.8	47.7	66.5	84.7	103.3	137.2	214.5	341.5	420.1	462.5	485.7	491.6	435.1
<b>75,0°</b>	26.9	31.0	31.5	30.5	29.5	33.7	49.8	69.4	82.5	103.4	155.9	262.6	332.3	371.5	390.7	408.3	370.0
<b>76,0°</b>	23.9	27.3	28.1	27.1	25.7	27.3	33.2	52.1	63.7	75.2	106.7	188.6	247.3	278.1	293.8	317.8	294.8
<b>77,0°</b>	21.3	24.2	25.4	24.4	22.5	23.3	25.6	34.8	45.7	53.3	71.7	130.4	178.6	201.4	208.7	228.2	211.5
<b>78,0°</b>	18.4	21.1	21.8	21.0	19.1	19.8	20.8	24.9	29.3	37.3	49.9	90.7	120.0	138.0	135.8	151.5	132.7
<b>79,0°</b>	16.4	18.1	18.4	17.2	15.8	16.2	17.2	20.3	23.7	29.0	37.8	61.0	80.9	90.7	91.0	94.2	88.8
<b>80,0°</b>	14.3	15.3	15.2	14.0	13.3	13.6	14.5	16.4	19.3	23.5	29.0	43.1	54.5	62.0	64.2	67.5	70.7
<b>81,0°</b>	11.6	12.1	11.4	10.6	10.6	11.2	11.8	13.0	15.0	18.6	22.0	30.0	36.1	42.3	47.0	52.7	59.5
<b>82,0°</b>	9.0	9.0	8.2	8.2	8.5	9.0	9.5	10.6	11.9	14.5	17.0	21.5	24.7	30.3	34.8	41.2	47.0
<b>83,0°</b>	6.6	6.5	6.0	6.3	6.5	7.0	7.3	8.2	9.2	10.9	12.6	15.2	17.6	22.0	26.2	31.5	35.8
<b>84,0°</b>	4.3	4.3	4.3	4.4	4.8	5.1	5.3	6.0	6.5	7.8	8.5	10.1	11.6	15.0	17.0	19.6	20.8
<b>85,0°</b>	2.7	2.9	2.9	3.2	3.2	3.7	3.7	4.3	4.4	5.1	5.6	6.8	7.8	9.9	11.2	13.3	12.6
<b>86,0°</b>	1.7	1.9	1.9	2.0	2.0	2.4	2.4	2.7	2.7	3.4	3.6	4.4	4.8	6.0	5.6	7.5	5.6
<b>87,0°</b>	1.0	1.2	1.2	1.4	1.4	1.5	1.5	1.7	1.7	2.0	2.0	2.4	2.4	2.7	2.7	2.9	2.6
<b>88,0°</b>	0.7	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<b>89,0°</b>	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>90,0°</b>	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	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
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C-planes	85,0°	87,5°	90,0°	92,5°	95,0°	97,5°	100,0°	102,5°	105,0°	107,5°	110,0°	112,5°	115,0°	117,5°	120,0°	122,5°	125,0°
$\gamma$	Luminous intensity in cd/klm																
<b>74,0°</b>	385.8	343.0	287.3	173.3	80.3	42.1	32.5	29.0	28.1	26.9	29.5	31.5	38.5	41.9	44.6	42.6	37.8
<b>75,0°</b>	334.2	301.3	251.2	146.4	68.0	36.8	28.5	25.1	24.2	23.7	27.1	28.5	33.6	35.6	40.0	38.7	34.1
<b>76,0°</b>	275.5	248.5	207.2	117.4	57.8	32.5	25.2	21.8	20.8	21.0	24.5	26.1	30.2	30.7	34.1	33.7	29.8
<b>77,0°</b>	201.9	181.8	151.2	89.3	48.9	29.5	22.7	19.9	18.6	18.7	21.6	22.8	27.4	26.6	29.1	29.1	25.6
<b>78,0°</b>	135.5	119.6	102.9	66.5	42.8	26.1	20.3	18.2	16.7	17.0	18.4	18.2	22.8	21.5	22.7	21.8	20.6
<b>79,0°</b>	91.9	90.1	77.7	57.1	38.3	23.7	18.2	16.9	15.0	15.8	16.9	16.7	19.9	18.4	17.0	15.8	15.3
<b>80,0°</b>	77.7	80.9	70.9	52.5	34.6	21.5	17.2	15.5	13.3	14.7	15.3	15.7	17.2	15.8	14.1	12.6	11.9
<b>81,0°</b>	68.2	69.0	60.8	44.5	29.5	18.4	15.2	13.0	11.4	12.4	13.3	13.8	14.1	13.0	11.8	10.1	9.2
<b>82,0°</b>	52.1	52.7	47.4	35.1	23.5	15.3	13.0	10.9	9.7	9.4	10.4	11.6	10.9	9.9	9.2	7.8	7.2
<b>83,0°</b>	39.4	38.0	34.4	24.5	17.0	11.8	10.4	8.7	8.2	8.0	8.4	8.5	8.0	7.2	6.8	5.8	5.5
<b>84,0°</b>	22.2	19.9	19.3	14.7	10.7	7.8	7.3	6.3	6.3	6.3	6.5	5.8	5.5	4.8	4.6	4.1	3.9
<b>85,0°</b>	12.3	10.7	10.6	8.2	6.8	5.3	4.8	4.3	4.4	4.3	4.4	4.1	3.9	3.4	3.2	2.9	2.7
<b>86,0°</b>	6.0	4.8	5.5	3.9	4.1	3.1	3.2	2.7	2.9	2.9	3.2	2.9	2.7	2.2	2.2	1.9	1.9
<b>87,0°</b>	2.7	2.4	2.6	2.0	2.2	1.9	1.9	1.7	1.9	1.9	1.9	1.7	1.7	1.5	1.5	1.4	1.4
<b>88,0°</b>	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0
<b>89,0°</b>	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
<b>90,0°</b>	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	0.0	0.0	0.0	0.0

## Photometric test report


<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
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C-planes	127,5°	130,0°	132,5°	135,0°	137,5°	140,0°	142,5°	145,0°	147,5°	150,0°	152,5°	155,0°	157,5°	160,0°	162,5°	165,0°	167,5°
γ	Luminous intensity in cd/klm																
<b>74,0°</b>	32.0	28.1	25.6	24.2	23.0	22.8	22.0	22.3	23.2	25.4	26.8	26.1	23.5	21.5	19.8	18.7	17.6
<b>75,0°</b>	28.5	25.1	22.8	21.8	20.6	20.4	19.8	20.1	20.8	22.7	24.4	24.2	21.6	19.8	18.1	16.9	15.8
<b>76,0°</b>	24.5	21.5	19.9	19.1	18.1	17.9	17.4	17.7	18.2	19.4	21.1	21.8	19.8	18.1	16.0	15.0	13.8
<b>77,0°</b>	20.8	18.4	17.0	16.5	15.5	15.5	15.2	15.7	16.0	16.7	18.2	19.3	18.1	16.4	14.3	13.1	12.1
<b>78,0°</b>	17.2	15.7	14.3	14.0	12.8	13.1	12.8	13.6	13.8	14.5	15.0	16.7	15.8	14.7	12.4	11.4	10.4
<b>79,0°</b>	14.0	13.0	11.9	11.4	10.6	10.4	10.6	11.4	11.8	12.1	12.6	13.8	13.8	13.0	10.7	9.5	8.7
<b>80,0°</b>	11.2	10.4	9.9	9.4	8.7	8.5	8.7	9.4	9.9	10.2	10.6	11.4	11.2	10.6	8.9	7.8	7.2
<b>81,0°</b>	8.5	7.8	7.7	7.5	7.0	6.8	6.8	7.3	8.0	8.5	8.5	8.9	8.5	8.0	6.8	6.1	5.6
<b>82,0°</b>	6.8	6.3	6.0	5.8	5.5	5.5	5.3	5.6	5.8	6.5	6.5	6.6	6.1	5.6	4.9	4.8	4.6
<b>83,0°</b>	5.1	4.9	4.8	4.6	4.1	4.1	3.9	4.1	4.1	4.3	4.3	4.6	4.6	4.3	3.4	3.6	3.6
<b>84,0°</b>	3.7	3.6	3.4	3.2	2.9	2.9	2.7	2.9	2.7	2.7	2.6	2.9	3.4	3.4	2.4	2.2	2.2
<b>85,0°</b>	2.6	2.6	2.4	2.4	2.0	2.0	1.9	2.0	1.7	1.7	1.5	1.7	1.9	1.9	1.4	1.4	1.2
<b>86,0°</b>	1.7	1.7	1.5	1.5	1.4	1.4	1.2	1.4	1.2	1.0	0.9	1.0	0.9	1.0	0.7	0.7	0.7
<b>87,0°</b>	1.2	1.2	1.2	1.0	1.0	1.0	0.9	0.9	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3
<b>88,0°</b>	1.0	1.0	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3
<b>89,0°</b>	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3
<b>90,0°</b>	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	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
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C-planes	170,0°	172,5°	175,0°	177,5°	180,0°	182,5°	185,0°	187,5°	190,0°	192,5°	195,0°	197,5°	200,0°	202,5°	205,0°	207,5°	210,0°
$\gamma$	Luminous intensity in cd/klm																
<b>74,0°</b>	17.0	16.7	16.7	16.4	16.4	16.2	16.0	15.7	15.7	15.8	16.5	17.2	18.9	21.0	22.3	21.1	19.9
<b>75,0°</b>	15.3	15.0	15.0	14.7	14.7	14.3	14.3	14.1	14.1	14.1	14.8	15.5	17.2	18.7	19.8	18.6	17.7
<b>76,0°</b>	13.6	13.1	13.3	12.8	12.8	12.4	12.6	12.3	12.3	12.3	13.0	13.8	15.2	16.0	16.9	16.0	15.3
<b>77,0°</b>	11.9	11.6	11.6	11.1	11.1	10.9	11.1	10.7	10.7	10.7	11.4	12.1	13.0	13.5	14.3	13.6	13.1
<b>78,0°</b>	10.2	9.7	10.1	9.5	9.5	9.2	9.5	9.0	9.2	9.0	9.7	10.1	10.9	11.2	11.9	11.1	11.1
<b>79,0°</b>	8.5	8.2	8.5	8.2	8.2	7.8	8.0	7.7	7.7	7.7	8.2	8.5	9.0	9.4	9.5	9.2	9.2
<b>80,0°</b>	7.0	6.8	7.0	6.6	6.6	6.5	6.6	6.1	6.1	6.1	6.6	6.6	7.2	7.5	7.7	7.5	7.7
<b>81,0°</b>	5.5	5.3	5.3	5.3	5.1	4.9	4.9	4.8	4.8	4.6	4.9	4.8	5.3	5.5	5.6	6.0	6.1
<b>82,0°</b>	4.9	4.6	4.6	4.4	4.1	4.3	4.3	4.1	4.1	3.4	3.4	3.6	3.6	3.7	4.3	4.6	4.9
<b>83,0°</b>	3.6	3.1	3.1	2.9	2.7	2.7	2.7	2.7	2.7	2.2	2.6	2.6	2.6	2.7	3.2	3.4	3.7
<b>84,0°</b>	1.9	1.7	1.7	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.7	1.7	1.7	1.9	2.2	2.2	2.4
<b>85,0°</b>	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.2	1.4	1.4	1.5
<b>86,0°</b>	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.9
<b>87,0°</b>	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.7
<b>88,0°</b>	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5
<b>89,0°</b>	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5
<b>90,0°</b>	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	0.0	0.0	0.0	0.0



## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
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C-planes	212,5°	215,0°	217,5°	220,0°	222,5°	225,0°	227,5°	230,0°	232,5°	235,0°	237,5°	240,0°	242,5°	245,0°	247,5°	250,0°	252,5°
$\gamma$	Luminous intensity in cd/klm																
<b>74,0°</b>	19.3	20.3	20.8	21.0	20.6	21.0	21.6	23.0	23.7	25.1	27.6	31.7	36.1	39.9	41.6	44.5	47.4
<b>75,0°</b>	17.2	18.4	18.9	18.9	18.6	19.3	19.8	21.0	21.5	22.8	25.2	28.8	32.5	35.8	36.8	39.0	40.0
<b>76,0°</b>	15.0	16.4	16.7	16.7	16.4	17.0	17.6	18.6	18.9	20.1	22.0	25.2	28.3	30.7	31.4	33.2	33.2
<b>77,0°</b>	13.3	14.5	14.8	14.8	14.5	15.0	15.3	16.2	16.2	17.2	19.1	21.3	23.9	24.9	26.2	28.1	27.8
<b>78,0°</b>	11.4	12.6	12.6	12.8	12.3	12.8	13.0	13.6	13.3	14.5	15.5	17.7	18.7	20.1	21.0	23.3	22.3
<b>79,0°</b>	9.7	10.6	10.7	10.6	10.2	10.4	10.6	11.1	10.7	11.4	12.3	13.8	14.7	15.5	17.4	18.4	17.4
<b>80,0°</b>	8.2	9.0	9.0	8.7	8.4	8.4	8.4	8.5	8.4	8.9	9.4	10.4	11.4	12.4	14.1	14.5	13.8
<b>81,0°</b>	6.5	7.0	7.0	6.6	6.3	6.3	6.3	6.5	6.3	6.6	7.2	8.0	8.9	9.5	10.2	10.7	9.9
<b>82,0°</b>	5.1	5.3	5.1	4.9	4.8	4.8	4.8	4.8	4.8	5.1	5.5	6.1	6.6	7.2	7.3	7.5	6.8
<b>83,0°</b>	3.7	3.7	3.6	3.6	3.4	3.6	3.6	3.6	3.6	3.7	4.1	4.4	4.8	5.3	5.1	5.1	4.8
<b>84,0°</b>	2.4	2.4	2.2	2.4	2.4	2.4	2.4	2.6	2.6	2.7	2.9	3.1	3.1	3.2	3.2	3.4	3.2
<b>85,0°</b>	1.5	1.5	1.5	1.5	1.5	1.7	1.7	1.9	1.9	1.9	2.0	2.2	2.2	2.4	2.2	2.4	2.4
<b>86,0°</b>	0.9	1.0	1.0	1.0	1.0	1.2	1.2	1.4	1.4	1.4	1.4	1.5	1.5	1.7	1.7	1.7	1.7
<b>87,0°</b>	0.7	0.7	0.7	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.4	1.4
<b>88,0°</b>	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2
<b>89,0°</b>	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
<b>90,0°</b>	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	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
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C-planes	255,0°	257,5°	260,0°	262,5°	265,0°	267,5°	270,0°	272,5°	275,0°	277,5°	280,0°	282,5°	285,0°	287,5°	290,0°	292,5°	295,0°
$\gamma$	Luminous intensity in cd/klm																
<b>74,0°</b>	52.7	58.3	71.7	89.1	120.5	153.0	187.4	205.2	227.0	245.6	272.8	273.7	265.2	237.4	198.2	138.5	95.3
<b>75,0°</b>	43.3	46.7	56.2	71.6	97.6	127.1	158.1	174.3	187.1	206.2	221.2	217.8	210.5	188.1	158.0	110.8	77.2
<b>76,0°</b>	34.9	35.8	42.4	51.6	70.7	93.0	119.1	130.0	140.8	152.7	169.2	166.1	163.1	142.6	118.1	79.9	57.4
<b>77,0°</b>	27.6	27.8	31.5	37.1	50.6	65.9	87.4	93.4	103.4	110.6	123.0	126.8	125.3	112.0	89.6	61.3	45.2
<b>78,0°</b>	21.8	19.4	21.8	22.8	30.8	38.5	55.6	57.6	65.3	70.4	82.6	82.6	91.9	79.9	68.5	44.8	34.9
<b>79,0°</b>	15.5	13.3	13.0	12.8	14.0	16.0	23.0	25.2	26.9	32.4	40.9	46.0	56.6	54.2	46.4	33.2	25.6
<b>80,0°</b>	11.6	9.7	9.4	8.7	8.9	9.9	12.1	12.3	15.2	19.1	25.2	28.5	34.3	36.3	30.5	23.3	18.9
<b>81,0°</b>	8.4	7.0	6.5	6.1	6.0	5.8	7.0	6.5	9.2	10.6	14.0	16.9	19.8	20.8	20.1	15.8	13.5
<b>82,0°</b>	6.1	5.3	4.9	4.4	4.4	4.1	4.4	4.3	5.8	6.3	8.4	9.5	11.1	11.8	11.8	10.6	9.4
<b>83,0°</b>	4.4	4.1	3.9	3.6	3.4	3.2	2.6	3.1	3.7	4.4	5.3	6.1	7.0	7.0	7.2	6.6	6.3
<b>84,0°</b>	3.2	3.1	2.9	2.7	2.6	2.6	1.9	2.4	2.6	3.1	3.2	3.7	4.1	4.1	3.9	3.7	3.7
<b>85,0°</b>	2.4	2.4	2.2	2.0	2.0	2.0	1.5	1.9	2.0	2.0	2.2	2.2	2.6	2.4	2.6	2.4	2.4
<b>86,0°</b>	1.7	1.7	1.7	1.5	1.5	1.5	1.4	1.4	1.5	1.4	1.5	1.4	1.5	1.5	1.5	1.4	1.5
<b>87,0°</b>	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0
<b>88,0°</b>	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
<b>89,0°</b>	1.2	1.0	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.7	0.7
<b>90,0°</b>	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	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> <b>Streetlight 21 mini LED</b>	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
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**siteco**

C-planes	297,5°	300,0°	302,5°	305,0°	307,5°	310,0°	312,5°	315,0°	317,5°	320,0°	322,5°	325,0°	327,5°	330,0°	332,5°	335,0°	337,5°
$\gamma$	<b>Luminous intensity in cd/klm</b>																
<b>74,0°</b>	68.7	61.3	57.8	47.0	39.7	36.0	31.4	28.5	25.7	22.8	20.6	19.9	19.3	17.9	17.0	17.0	16.4
<b>75,0°</b>	57.1	51.8	45.3	34.1	29.3	27.6	26.6	24.7	22.2	19.9	18.2	17.9	17.2	15.8	14.8	14.8	14.3
<b>76,0°</b>	44.0	39.9	31.9	27.8	24.7	23.3	22.5	20.8	18.7	17.4	16.0	15.7	15.0	14.0	12.8	12.8	12.3
<b>77,0°</b>	34.6	29.3	25.4	23.0	20.6	19.9	19.1	17.6	16.2	15.3	14.1	13.8	13.1	12.3	11.1	10.9	10.6
<b>78,0°</b>	26.8	23.7	20.1	18.6	16.7	16.7	15.7	14.7	14.0	13.6	12.3	12.1	11.4	10.6	9.4	9.2	8.9
<b>79,0°</b>	20.4	17.9	15.8	14.7	13.5	13.3	12.8	12.1	11.9	11.6	10.7	10.4	9.9	9.0	8.0	7.7	7.3
<b>80,0°</b>	15.7	13.8	12.3	11.4	10.7	10.6	10.4	9.9	10.2	9.7	9.2	9.0	8.4	7.5	6.6	6.5	6.1
<b>81,0°</b>	11.4	10.2	9.0	8.5	8.0	8.0	7.8	7.7	8.0	7.8	7.5	7.3	7.0	6.1	5.5	5.3	4.9
<b>82,0°</b>	8.2	7.5	6.6	6.3	6.0	6.0	6.0	5.8	6.0	6.1	6.0	5.8	5.6	4.9	4.4	4.3	3.9
<b>83,0°</b>	5.6	5.3	4.8	4.6	4.4	4.4	4.3	4.3	4.3	4.4	4.4	4.4	4.1	3.7	3.4	3.2	3.1
<b>84,0°</b>	3.6	3.4	3.2	3.1	2.9	2.9	2.9	2.9	2.9	3.1	2.9	2.9	2.7	2.6	2.4	2.2	2.0
<b>85,0°</b>	2.2	2.2	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.7	1.5	1.5	1.4
<b>86,0°</b>	1.4	1.4	1.2	1.4	1.2	1.2	1.2	1.2	1.0	1.2	1.0	1.0	0.9	1.0	0.9	0.9	0.9
<b>87,0°</b>	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5
<b>88,0°</b>	0.9	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.5	0.3	0.3	0.3
<b>89,0°</b>	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3
<b>90,0°</b>	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	0.0	0.0	0.0	0.0

C-planes	340,0°	342,5°	345,0°	347,5°	350,0°	352,5°	355,0°	357,5°	Phi-zone	Total Phi-zone
$\gamma$	<b>Luminous intensity in cd/klm</b>								<b>Luminous flux in lm/klm</b>	
<b>74,0°</b>	15.8	15.3	15.2	14.5	14.5	14.1	14.5	14.5	<b>7.5</b>	<b>974.2</b>
<b>75,0°</b>	13.8	13.3	13.1	12.6	12.4	12.3	12.6	12.6	<b>6.3</b>	<b>980.5</b>
<b>76,0°</b>	11.9	11.4	11.2	10.7	10.7	10.6	10.9	10.9	<b>5.0</b>	<b>985.5</b>
<b>77,0°</b>	10.2	9.9	9.7	9.4	9.4	9.2	9.5	9.5	<b>3.9</b>	<b>989.3</b>
<b>78,0°</b>	8.9	8.2	8.4	8.0	8.2	8.0	8.5	8.5	<b>2.9</b>	<b>992.2</b>
<b>79,0°</b>	7.2	7.0	7.0	6.8	7.0	7.2	7.5	7.7	<b>2.1</b>	<b>994.3</b>
<b>80,0°</b>	6.0	5.8	5.8	5.8	6.1	6.0	6.3	6.1	<b>1.6</b>	<b>995.9</b>
<b>81,0°</b>	4.8	4.6	4.6	4.6	4.6	4.6	4.8	4.6	<b>1.3</b>	<b>997.2</b>
<b>82,0°</b>	3.7	3.7	3.6	3.4	3.4	3.6	3.6	3.6	<b>0.9</b>	<b>998.1</b>
<b>83,0°</b>	2.9	2.7	2.7	2.6	2.6	2.6	2.6	2.6	<b>0.7</b>	<b>998.8</b>
<b>84,0°</b>	2.0	1.9	1.9	1.7	1.7	1.5	1.7	1.7	<b>0.5</b>	<b>999.3</b>
<b>85,0°</b>	1.4	1.2	1.2	1.2	1.2	1.0	1.0	1.0	<b>0.3</b>	<b>999.6</b>
<b>86,0°</b>	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.5	<b>0.2</b>	<b>999.7</b>
<b>87,0°</b>	0.5	0.3	0.5	0.3	0.3	0.3	0.3	0.3	<b>0.1</b>	<b>999.9</b>
<b>88,0°</b>	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	<b>0.1</b>	<b>999.9</b>
<b>89,0°</b>	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	<b>0.1</b>	<b>1000.0</b>
<b>90,0°</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	<b>1000.0</b>

## Photometric test report

<b>Family</b> Streetlight 21 mini LED	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> 59111_554
<b>Dimming levels table</b>		<b>environmental temperature: 25°C</b>
<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	8880	71.0	75.2	73.1
95	241	252	8426	66.0	69.9	68.0
90	229	250	8006	61.7	65.3	63.5
85	216	248	7551	57.1	60.4	58.8
80	203	246	7097	52.8	55.8	54.3
75	190	243	6643	48.6	51.4	50.0
70	178	241	6223	44.8	47.4	46.1
65	165	238	5769	41.0	43.3	42.2
60	152	235	5314	37.3	39.3	38.3
55	140	232	4894	33.9	35.8	34.8
50	127	229	4440	30.4	32.0	31.2
45	114	225	3986	27.1	28.5	27.8
40	102	221	3566	24.1	25.4	24.8
35	89	216	3111	20.9	22.0	21.4
30	76	210	2657	18.0	18.9	18.4
25	63	203	2203	15.1	15.8	15.4
20	51	195	1783	12.5	13.1	12.8
15	38	184	1329	9.6	10.1	9.8
11	28	173	979	7.4	7.7	7.6

<b>Dimming levels table</b>	<b>environmental temperature: 5°C</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	8880	69.1	72.1	70.6
95	241	252	8425	64.5	67.3	65.9
90	229	250	8006	60.4	63.0	61.7
85	216	248	7551	56.1	58.5	57.3
80	203	246	7097	51.9	54.1	53.0
75	191	244	6677	48.3	50.3	49.3
70	178	241	6223	44.3	46.2	45.2
65	165	238	5768	40.6	42.3	41.4
60	152	235	5314	37.0	38.5	37.8
55	140	232	4894	33.7	35.1	34.4
50	127	229	4440	30.3	31.5	30.9
45	114	225	3985	27.0	28.1	27.6
40	102	221	3566	24.0	25.1	24.6
35	89	216	3111	20.9	21.7	21.3
30	76	210	2657	18.0	18.7	18.4
25	64	204	2237	15.4	15.9	15.6
20	51	195	1783	12.5	13.0	12.8
15	38	184	1328	9.7	10.1	9.9
11	28	173	979	7.4	7.6	7.5

## Photometric test report

<b>Family</b> Streetlight 21 mini LED	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> 59111_554
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<b>Dimming levels table</b>	environmental temperature: 15°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	8880	69.8	73.0	71.4
95	241	252	8425	65.1	67.9	66.5
90	229	250	8006	60.9	63.5	62.2
85	216	248	7551	56.5	58.9	57.7
80	203	246	7097	52.3	54.4	53.4
75	191	244	6677	48.5	50.5	49.5
70	178	241	6223	44.6	46.4	45.5
65	165	238	5768	40.7	42.4	41.6
60	152	235	5314	37.1	38.6	37.8
55	140	232	4894	33.8	35.1	34.4
50	127	229	4440	30.3	31.5	30.9
45	114	225	3986	27.0	28.1	27.6
40	102	221	3566	24.1	25.0	24.6
35	89	216	3111	21.0	21.8	21.4
30	76	210	2657	18.0	18.6	18.3
25	64	204	2237	15.3	15.8	15.6
20	51	195	1783	12.5	12.9	12.7
15	38	184	1329	9.7	10.0	9.8
11	28	173	979	7.4	7.7	7.6

**Photometric test report**

<b>Family</b> Streetlight 21 mini LED	<b>Order number: 5XE2G31Y08HB</b> <b>EAN: 4058352923610</b>	<b>LP number</b> <b>59111_554</b>
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<b>Luminousfluxs table</b>	<b>sITeco</b>
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Temperature °C	Luminous flux lm	Power consumption W
25.0	8880.0	71.0
5.0	8880.0	69.1
15.0	8880.0	69.8