

## Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 21 micro LED**

**Bestell-Nr.: 5XE1P33S08DB**  
**EAN: 4058352806562**

**LP-Nummer**  
**59337\_288**



**Ausführung** Mastansatz- / Mastaufsatzmontage, Smart Interface oben

**Optik** direkt, asymmetrisch breit strahlend S150002

**Abdeckung** Einscheibensicherheitsglas (ESG)

**Bestückung** LED 3000 K | CRI ≥ 70

**Betriebsgerät** EVG-Smart Interface

**Bemessungswerte** Nettolichtstrom = 5020 lm  
Systemleistung = 39.1 W  
Lichtausbeute = 128.4 lm/W

**Seriendokumentation**  
**26.10.2022**

**siteco**

**Lichtstärke in cd/klm**

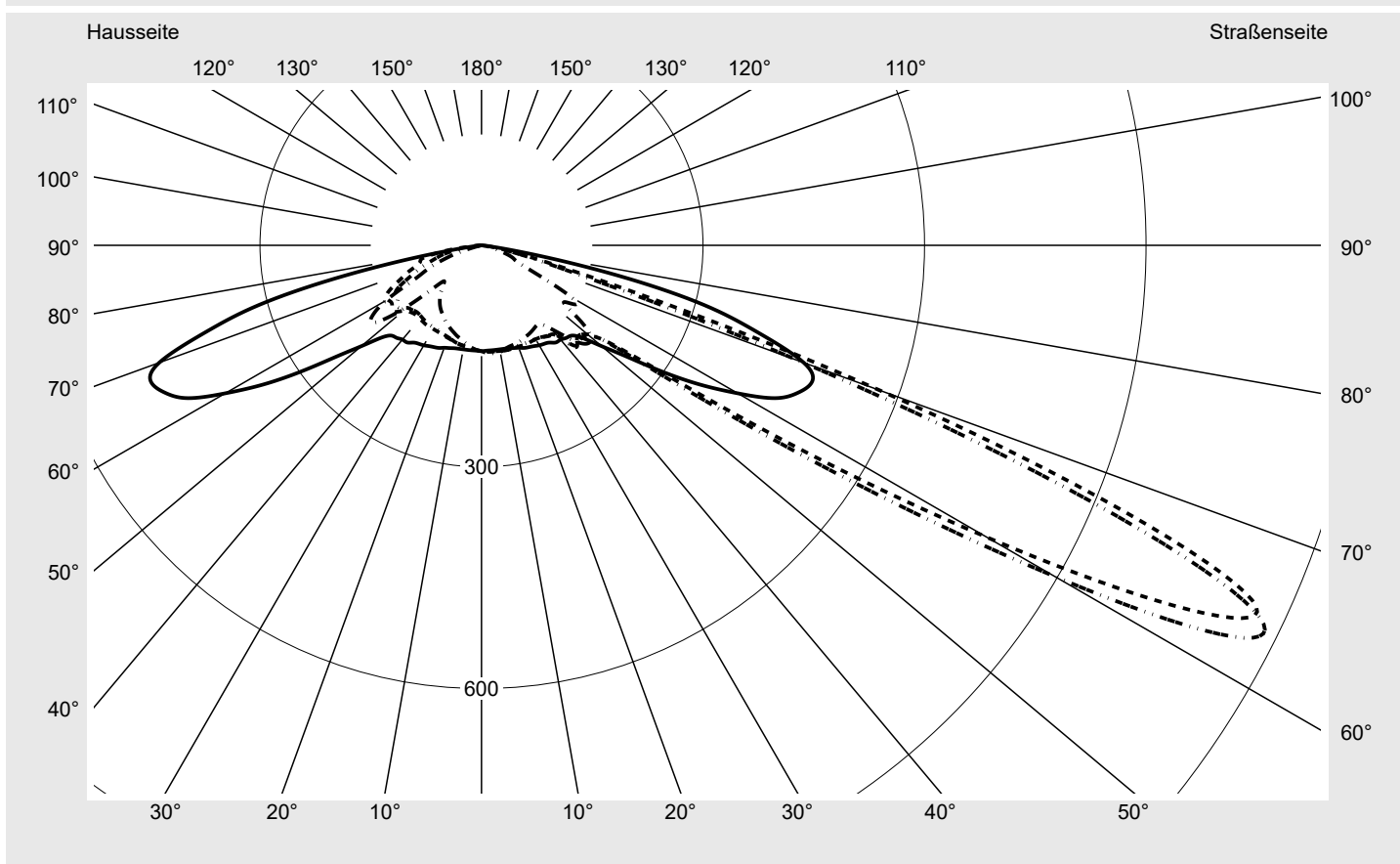
**C180-0**

**C215-35**

**C217,5-37,5**

**C270-90**

**Imax: 1158 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	---
Imax 70°	798.1
Imax 80°	214.2
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

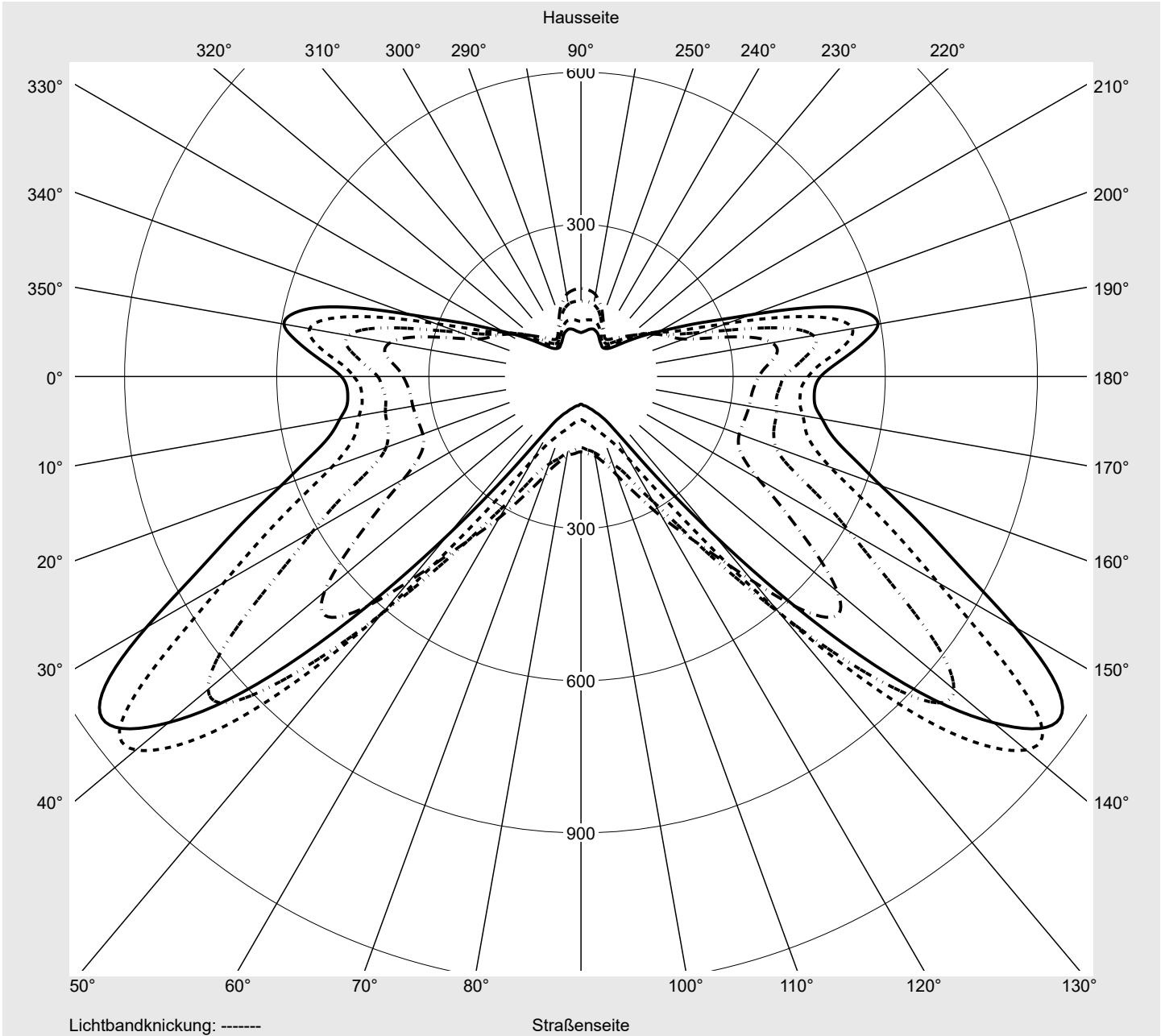
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> Streetlight 21 micro LED	<b>Bestell-Nr.:</b> 5XE1P33S08DB <b>EAN:</b> 4058352806562	<b>LP-Nummer</b> 59337_288
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**Kegelmantelkurven in cd/klm**    **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**    **siteco**



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 micro LED</b>	<b>Bestell-Nr.: 5XE1P33S08DB</b> <b>EAN: 4058352806562</b>	<b>LP-Nummer</b> <b>59337_288</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Lichtstärke in cd/klm														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	142.8	142.8	142.8	142.9	143.1	143.1	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9
5,0°	142.7	142.9	143.0	143.1	143.3	143.5	143.6	143.7	143.9	143.9	144.0	144.1	144.2	144.3	144.4
7,5°	142.8	143.0	143.2	143.4	143.5	143.7	143.9	143.9	144.1	144.1	144.2	144.3	144.3	144.4	144.5
10,0°	143.0	143.3	143.5	143.6	143.9	144.0	144.0	144.1	144.2	144.3	144.4	144.5	144.7	144.8	145.1
12,5°	143.4	143.6	143.9	144.1	144.3	144.4	144.4	144.4	144.5	144.7	144.9	145.1	145.3	145.5	145.6
15,0°	144.2	144.5	144.8	144.9	145.1	145.1	145.1	145.2	145.4	145.6	145.7	146.0	146.0	146.1	146.1
17,5°	145.8	146.0	146.1	146.2	146.1	146.1	146.3	146.6	146.9	147.3	147.5	147.4	147.2	146.6	146.1
20,0°	147.6	147.9	147.9	147.8	147.6	147.5	148.0	148.5	149.0	149.4	149.3	149.1	148.4	147.2	145.9
22,5°	150.4	150.6	150.6	150.3	149.8	149.8	150.4	151.2	151.9	152.3	152.2	151.2	150.0	148.4	146.5
25,0°	152.1	152.6	152.7	152.4	151.8	151.8	152.5	153.5	154.3	154.7	154.1	152.8	151.0	149.1	147.2
27,5°	153.8	154.4	154.7	154.3	153.6	153.6	154.1	154.9	155.5	155.5	154.3	152.3	150.0	148.0	146.5
30,0°	156.3	157.0	157.4	156.8	155.7	155.5	155.7	156.0	156.0	155.2	153.4	151.2	149.2	147.9	147.1
32,5°	158.1	158.9	159.8	158.7	157.2	156.8	156.8	156.5	155.9	154.8	153.4	151.9	150.7	149.5	148.5
35,0°	160.7	161.8	162.6	162.2	160.9	160.1	159.4	158.7	158.1	157.0	155.7	154.5	153.2	152.0	151.0
37,5°	165.7	166.1	166.2	165.4	165.0	164.2	162.8	161.5	160.7	160.4	159.8	158.2	156.6	154.8	153.7
40,0°	166.6	168.0	168.8	167.7	167.3	166.7	165.5	164.1	163.2	162.3	161.4	160.3	159.5	159.1	159.4
42,5°	170.0	170.9	171.8	172.1	171.9	171.0	169.4	168.2	166.9	166.4	165.8	167.1	170.6	177.0	183.4
45,0°	172.8	175.4	177.0	177.0	176.3	174.8	173.5	173.2	174.0	177.6	181.1	184.0	186.0	187.8	186.7
47,5°	185.7	187.3	190.2	192.0	190.4	188.4	189.3	191.3	193.7	195.3	194.9	193.8	191.8	189.0	185.1
50,0°	212.4	217.2	220.2	221.6	222.5	223.0	223.3	222.1	219.2	214.6	208.3	202.9	198.2	194.4	191.1
52,5°	247.1	249.7	251.8	252.7	252.4	251.7	249.9	246.8	241.4	234.4	227.7	220.9	214.7	212.4	214.2
55,0°	297.3	297.7	296.4	295.8	295.4	294.0	291.1	286.7	281.1	274.7	268.6	263.1	262.8	276.5	308.0
57,5°	350.8	343.8	339.4	337.4	336.8	335.2	333.3	332.0	332.2	335.9	345.9	367.3	403.6	458.5	522.3
60,0°	400.7	393.9	388.9	388.3	391.7	393.1	394.0	398.8	409.1	433.6	481.3	545.9	610.9	689.2	790.7
62,5°	448.1	436.0	433.8	435.8	444.3	452.1	463.5	487.0	523.4	578.3	647.3	725.1	813.3	924.2	1055.4
65,0°	472.5	462.3	461.7	467.0	482.8	501.3	531.4	575.9	629.5	700.3	778.1	870.7	989.9	1101.5	1157.9
67,5°	484.2	471.1	471.3	481.5	504.1	534.5	585.0	642.0	703.7	780.6	869.3	953.0	995.9	986.1	943.8
70,0°	464.4	449.7	450.7	467.4	493.7	530.1	578.7	634.7	700.5	767.2	798.1	784.8	735.5	664.7	573.7
72,5°	392.8	388.4	393.0	413.7	440.2	469.5	503.0	541.4	565.4	566.1	534.9	483.8	414.8	333.4	252.8
75,0°	312.1	307.6	313.3	327.7	348.5	372.0	389.6	388.5	368.3	332.7	294.3	244.7	190.7	137.0	105.3
77,5°	189.9	195.2	198.5	206.5	221.1	230.8	229.7	213.5	188.8	161.7	132.1	99.8	74.0	60.2	51.1
80,0°	70.3	62.4	59.0	57.6	57.7	62.9	73.3	71.0	58.9	47.0	36.3	30.1	27.5	25.5	23.4
82,5°	14.9	14.1	13.5	13.4	13.9	14.7	15.6	15.7	14.3	11.7	10.5	10.4	10.5	10.5	10.1
85,0°	4.1	4.1	4.0	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8
87,5°	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.8	1.8
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

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Lichtstärke in cd/klm														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	144.1	144.2	144.3	144.4	144.4	144.6	144.8	144.9	145.0	145.1	145.1	145.2	145.2	145.2	145.3
5,0°	144.5	144.7	144.8	144.9	144.9	145.1	145.2	145.4	145.6	145.6	145.7	145.8	145.9	146.0	146.1
7,5°	144.7	144.9	145.1	145.2	145.4	145.6	145.8	146.1	146.2	146.5	146.7	146.8	146.9	147.0	147.1
10,0°	145.2	145.5	145.7	145.9	146.1	146.2	146.3	146.5	146.6	146.7	146.7	146.7	146.6	146.6	146.5
12,5°	145.7	145.9	146.1	146.1	146.1	146.0	146.0	145.9	145.6	145.4	145.2	145.0	144.8	144.7	144.6
15,0°	146.1	145.9	145.6	145.1	144.7	144.3	144.0	143.8	143.5	143.3	143.0	142.7	142.5	142.4	142.3
17,5°	145.3	144.7	144.1	143.4	142.7	142.2	141.7	141.5	141.3	141.2	141.2	141.0	141.0	140.9	141.0
20,0°	144.5	143.3	142.3	141.7	141.2	140.9	140.5	140.5	140.3	140.4	140.3	140.3	140.3	140.4	140.3
22,5°	144.7	143.2	142.2	141.4	140.9	140.6	140.5	140.3	140.1	140.1	140.1	140.1	140.1	140.0	140.0
25,0°	145.3	143.8	142.6	141.9	141.4	141.1	140.9	140.7	140.4	140.1	139.9	139.6	139.2	139.0	138.7
27,5°	145.4	144.7	144.0	143.4	142.6	142.1	141.4	140.8	140.1	139.5	138.8	138.3	138.0	137.7	137.4
30,0°	146.6	146.3	146.1	145.6	144.4	143.1	141.8	140.7	139.7	138.9	138.3	137.6	137.1	136.7	136.2
32,5°	147.9	148.3	149.4	149.2	147.7	145.3	143.3	141.7	140.4	139.2	138.3	137.2	136.3	135.5	134.8
35,0°	150.4	150.2	150.8	151.6	149.9	147.1	144.6	142.5	140.6	139.0	137.8	136.6	135.8	134.9	134.1
37,5°	152.8	151.9	150.7	149.7	150.1	149.1	146.8	143.8	141.6	139.8	138.4	136.9	135.7	134.7	134.1
40,0°	161.0	164.5	168.6	171.3	172.7	172.2	170.1	166.1	160.9	154.8	148.7	143.6	140.7	139.7	140.2
42,5°	186.8	187.3	186.7	184.0	179.0	173.8	170.0	166.2	161.1	157.4	154.7	152.9	152.7	153.8	155.1
45,0°	182.8	178.9	174.1	169.8	166.6	164.1	163.1	163.3	163.6	164.9	166.2	167.6	169.7	172.0	174.0
47,5°	180.0	176.2	173.4	171.2	170.1	170.8	172.0	175.4	179.8	184.3	187.4	189.6	191.8	193.5	194.1
50,0°	187.5	185.2	183.9	184.0	187.3	192.4	199.0	205.3	210.0	214.2	216.3	214.8	212.0	209.8	207.2
52,5°	218.8	227.2	239.6	251.9	261.3	267.0	266.2	261.5	253.9	247.3	244.9	235.9	226.3	216.2	206.7
55,0°	351.2	391.6	419.1	432.1	429.9	408.9	375.3	339.6	313.6	292.8	274.7	252.0	228.2	207.5	190.9
57,5°	595.6	660.1	690.6	669.0	605.5	526.5	457.2	401.8	358.6	321.1	285.3	254.5	229.7	207.0	188.8
60,0°	897.1	959.8	952.8	864.4	739.0	609.8	497.0	406.8	334.3	285.2	249.3	216.0	196.1	183.8	174.5
62,5°	1147.2	1145.6	1075.2	953.7	783.7	604.3	437.1	316.8	238.8	187.0	157.2	140.6	129.3	119.9	112.9
65,0°	1140.2	1062.0	943.2	776.3	584.1	406.2	271.7	178.5	129.0	102.9	90.7	82.1	76.9	71.7	67.6
67,5°	852.9	715.2	554.7	398.3	252.6	153.7	106.1	81.9	70.1	64.3	61.5	59.7	59.3	58.8	56.0
70,0°	460.6	337.8	231.0	155.4	103.2	75.1	62.5	55.5	51.5	49.6	48.1	46.9	45.9	46.1	46.2
72,5°	182.3	140.9	106.6	78.2	58.1	47.0	41.2	38.6	37.0	36.0	35.6	34.2	33.6	32.9	27.9
75,0°	85.2	71.5	56.9	44.0	35.4	29.8	27.3	26.0	25.1	24.5	24.2	23.4	22.1	19.8	19.4
77,5°	44.0	38.2	31.8	25.6	21.3	19.0	18.3	17.5	16.9	16.5	16.3	15.8	15.2	14.8	14.4
80,0°	21.2	19.3	16.6	14.1	12.4	11.8	11.6	11.4	11.0	10.9	10.7	10.4	10.1	9.9	9.7
82,5°	9.4	8.9	8.3	7.5	6.9	6.6	6.7	6.7	6.6	6.4	6.3	6.2	6.0	5.8	5.8
85,0°	3.6	3.6	3.5	3.3	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.8	2.8	2.6	2.6
87,5°	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.0	0.9
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

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Lichtstärke in cd/klm														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	145.3	145.4	145.4	145.5	145.6	145.6	145.6	142.6	142.5	142.3	142.2	142.2	142.1	142.1	142.1
5,0°	146.1	146.2	146.3	146.4	146.4	146.5	146.5	142.6	142.3	142.0	141.8	141.7	141.5	141.4	141.3
7,5°	147.2	147.2	147.4	147.4	147.4	147.4	147.4	142.5	142.2	141.9	141.5	141.3	141.0	140.9	140.6
10,0°	146.5	146.6	146.6	146.5	146.5	146.5	146.5	142.6	142.2	141.8	141.4	141.0	140.9	140.5	140.2
12,5°	144.4	144.5	144.4	144.4	144.3	144.3	144.2	142.9	142.4	142.0	141.5	141.1	140.7	140.4	139.9
15,0°	142.2	142.2	142.3	142.3	142.3	142.3	142.2	143.8	143.3	142.8	142.3	141.9	141.5	141.2	140.7
17,5°	141.1	141.2	141.3	141.4	141.4	141.4	141.4	145.2	144.8	144.3	143.6	143.0	142.4	141.8	140.8
20,0°	140.4	140.5	140.5	140.7	140.8	140.8	140.8	147.3	146.5	145.6	144.8	143.9	143.0	141.8	140.5
22,5°	139.9	139.8	139.7	139.7	139.6	139.7	139.6	149.4	148.7	147.6	146.5	145.5	144.1	142.5	140.9
25,0°	138.4	138.1	138.0	137.9	137.9	137.9	137.9	151.2	150.2	149.3	148.4	147.4	145.6	143.9	142.0
27,5°	137.1	136.8	136.6	136.5	136.6	136.5	136.6	152.7	151.8	150.9	149.9	148.7	147.0	145.2	143.3
30,0°	135.8	135.5	135.2	135.0	134.9	134.9	134.9	155.2	153.9	152.7	151.4	149.7	147.9	146.1	144.4
32,5°	134.2	133.8	133.5	133.2	133.0	132.9	133.0	156.7	155.1	153.8	152.3	150.5	148.7	147.0	145.0
35,0°	133.5	133.0	132.6	132.3	132.1	131.9	131.7	159.5	158.1	156.8	154.7	152.5	150.7	148.8	146.6
37,5°	134.1	134.6	135.3	135.8	135.6	135.3	135.3	164.1	162.4	160.4	157.6	155.1	152.7	150.7	148.2
40,0°	141.5	143.4	145.4	147.7	148.3	148.1	148.2	165.1	164.0	162.6	160.2	157.7	155.5	153.2	150.2
42,5°	156.6	158.9	161.5	164.4	166.1	166.3	166.6	167.6	166.7	164.7	162.6	160.7	158.1	155.4	152.1
45,0°	175.6	177.6	179.9	182.7	184.9	185.8	186.2	171.1	169.4	167.5	165.8	163.4	161.1	158.2	154.7
47,5°	193.8	193.5	193.6	194.5	196.0	196.2	196.3	180.0	178.3	175.0	171.8	168.7	165.6	162.4	158.6
50,0°	204.0	200.6	199.2	198.4	196.3	193.5	192.8	212.1	205.3	200.3	195.6	190.4	185.6	180.4	173.7
52,5°	197.6	189.8	183.6	178.6	174.9	172.1	170.8	243.5	242.7	237.2	226.1	212.7	202.8	194.8	186.6
55,0°	177.1	164.9	154.2	146.9	142.0	137.7	136.4	306.3	307.5	309.4	296.7	269.6	235.8	209.4	194.7
57,5°	176.5	166.2	159.0	155.0	152.9	149.8	148.6	362.1	379.4	390.6	382.5	352.8	300.9	249.5	216.4
60,0°	167.1	158.5	152.4	147.8	145.2	141.9	140.3	421.2	444.2	465.8	465.4	432.2	370.1	303.7	255.1
62,5°	107.3	100.2	95.5	91.5	89.0	86.4	85.0	467.6	500.7	531.6	543.3	518.0	456.8	379.0	305.5
65,0°	64.9	61.8	59.7	58.1	57.6	55.5	54.5	498.8	534.5	570.4	594.8	578.8	528.7	445.1	355.5
67,5°	53.4	51.7	50.7	49.7	48.7	47.1	47.2	511.9	544.5	577.9	603.6	591.4	551.6	488.4	410.8
70,0°	43.2	41.3	40.3	39.7	39.7	39.7	39.6	483.2	514.9	547.5	567.8	560.5	538.9	500.0	449.0
72,5°	25.2	23.6	23.4	23.5	30.6	32.6	28.2	418.6	437.7	467.2	483.2	493.6	490.6	479.8	460.1
75,0°	19.3	18.6	18.2	18.1	30.1	24.0	20.9	317.6	333.1	354.8	376.5	394.0	408.6	419.8	423.9
77,5°	13.9	13.6	13.2	13.1	14.9	14.6	14.3	205.9	210.9	224.6	243.3	263.8	286.8	308.4	326.0
80,0°	9.3	8.9	8.7	8.6	8.8	8.9	9.2	74.8	83.6	95.3	110.3	128.9	151.2	174.9	196.6
82,5°	5.5	5.2	5.0	4.9	4.9	5.3	5.5	17.3	18.5	21.3	25.4	31.0	39.7	52.1	68.0
85,0°	2.4	2.4	2.4	2.3	2.4	2.3	2.3	3.8	4.0	4.0	3.9	3.9	3.8	3.8	3.8
87,5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 micro LED</b>	<b>Bestell-Nr.: 5XE1P33S08DB</b> <b>EAN: 4058352806562</b>	<b>LP-Nummer</b> <b>59337_288</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Lichtstärke in cd/klm														
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2,5°	142.0	141.9	141.9	141.9	141.8	141.8	141.9	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.7
5,0°	141.2	140.9	140.9	140.9	140.8	140.7	140.6	140.4	140.3	140.2	140.1	140.1	140.0	139.8	139.9
7,5°	140.4	140.1	140.0	139.7	139.6	139.3	139.2	139.0	138.8	138.7	138.5	138.4	138.3	138.1	137.9
10,0°	139.9	139.6	139.2	139.0	138.8	138.4	138.1	137.7	137.2	136.9	136.4	136.0	135.7	135.3	134.9
12,5°	139.6	139.3	139.0	138.7	138.1	137.6	137.1	136.4	135.9	135.4	134.9	134.4	133.8	133.2	132.8
15,0°	140.2	139.6	138.8	138.0	137.3	136.6	135.9	135.1	134.3	133.6	132.8	131.9	131.1	130.4	129.8
17,5°	139.7	138.5	137.5	136.4	135.4	134.6	133.9	133.2	132.3	131.4	130.6	129.8	129.0	128.3	127.5
20,0°	139.1	137.8	136.6	135.4	134.4	133.3	132.3	131.4	130.4	129.4	128.5	127.6	126.8	125.9	125.3
22,5°	139.3	137.8	136.4	135.2	133.8	132.4	131.1	129.8	128.5	127.4	126.3	125.4	124.4	123.6	123.0
25,0°	140.1	138.4	136.7	134.9	133.2	131.5	129.9	128.5	126.9	125.5	124.5	123.3	122.4	121.4	120.6
27,5°	141.3	139.2	137.1	134.9	132.8	131.0	129.1	127.2	125.6	124.0	122.8	121.6	120.3	119.1	118.2
30,0°	142.2	140.0	137.6	135.3	132.9	130.7	128.7	126.7	124.8	122.9	121.3	119.9	118.3	116.9	115.6
32,5°	142.9	140.5	138.3	135.8	133.2	130.8	128.5	126.2	123.9	121.9	119.9	118.2	116.5	114.8	113.1
35,0°	144.0	141.3	138.6	135.9	133.3	131.0	128.2	125.6	122.9	120.5	118.2	116.0	114.1	112.2	110.5
37,5°	145.2	142.2	139.2	136.3	133.5	130.3	127.4	124.7	121.8	118.7	116.0	113.6	111.4	109.5	107.9
40,0°	146.9	143.5	140.1	136.9	133.5	129.9	126.4	123.1	120.3	117.3	114.2	111.2	108.6	106.5	104.9
42,5°	148.3	144.3	140.5	137.2	133.5	129.6	125.7	122.1	118.7	115.6	112.2	109.2	106.0	103.3	101.0
45,0°	150.4	146.1	141.8	137.8	134.0	130.3	126.3	122.5	118.4	114.9	111.1	107.4	103.6	99.7	96.4
47,5°	154.1	149.6	145.6	141.5	137.5	132.9	128.8	124.5	120.0	115.9	112.0	107.6	103.4	99.2	94.9
50,0°	166.8	160.9	155.2	149.5	143.5	137.9	131.6	126.4	122.1	117.8	113.2	108.3	104.2	100.6	97.6
52,5°	179.8	174.5	170.1	164.1	156.2	147.8	139.1	130.8	123.7	117.4	111.7	105.9	101.2	98.0	96.6
55,0°	185.2	177.8	170.1	162.7	154.9	147.7	140.2	134.0	127.2	119.1	111.1	103.6	97.7	94.2	93.3
57,5°	199.9	189.5	178.3	167.1	155.5	144.5	134.5	125.1	116.9	109.6	103.4	97.8	92.4	89.1	88.8
60,0°	220.3	197.3	182.2	170.4	157.7	146.8	134.4	121.2	108.5	98.4	90.5	84.7	81.8	81.5	82.9
62,5°	252.5	213.6	190.4	175.7	159.1	144.8	128.9	112.2	98.3	87.7	81.0	76.8	75.3	76.6	78.9
65,0°	290.5	245.2	206.5	177.3	153.7	132.3	113.9	98.3	86.6	78.9	74.8	72.4	71.4	72.1	74.4
67,5°	339.6	279.5	227.5	177.0	142.6	117.7	98.8	85.5	76.4	71.1	68.2	66.4	65.4	65.9	67.6
70,0°	393.3	334.0	256.5	185.8	133.6	105.7	86.3	74.3	67.3	63.1	60.3	58.7	58.0	57.8	59.4
72,5°	430.2	379.5	299.1	206.5	133.5	92.5	71.9	61.6	56.0	52.6	50.3	48.5	47.7	47.8	49.6
75,0°	415.5	386.9	326.1	231.4	141.2	86.0	60.7	50.0	44.1	40.5	38.4	37.2	37.1	37.4	38.3
77,5°	334.1	328.0	299.2	241.7	154.5	82.0	48.4	36.8	31.1	28.1	26.7	25.5	25.2	25.7	26.4
80,0°	211.1	214.2	200.9	168.0	117.3	62.4	29.3	20.8	17.4	15.4	14.2	13.9	13.9	14.3	13.9
82,5°	78.3	80.0	78.5	71.8	58.2	35.0	15.2	8.8	7.4	6.4	5.7	5.3	5.4	5.7	5.6
85,0°	3.8	3.8	4.0	4.1	4.3	4.2	3.4	2.7	2.4	2.3	2.1	2.0	1.9	1.8	1.7
87,5°	1.9	1.8	1.8	1.6	1.6	1.5	1.5	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.0
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	0.0	0.0

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 micro LED</b>	<b>Bestell-Nr.: 5XE1P33S08DB</b> <b>EAN: 4058352806562</b>	<b>LP-Nummer</b> <b>59337_288</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm													Lichtstrom in lm/klm	
0,0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	0.2	0.2
2,5°	141.8	141.8	141.8	141.8	141.8	141.9	141.8	141.8	141.8	141.8	141.8	141.9	141.9	1.7	1.9
5,0°	139.8	139.7	139.8	139.7	139.7	139.6	139.6	139.7	139.6	139.6	139.7	139.7	139.6	3.4	5.3
7,5°	137.7	137.5	137.4	137.2	137.1	137.0	136.8	136.7	136.7	136.6	136.6	136.6	136.6	5.1	10.4
10,0°	134.7	134.5	134.1	133.9	133.6	133.5	133.3	133.2	133.2	133.2	133.1	133.1	133.2	6.7	17.1
12,5°	132.3	131.9	131.5	131.1	130.8	130.5	130.2	130.0	129.9	129.8	129.8	129.7	129.8	8.3	25.5
15,0°	129.2	128.7	128.1	127.7	127.4	127.2	127.0	126.9	127.0	127.0	127.1	127.2	127.2	9.9	35.3
17,5°	126.8	126.2	125.5	125.1	124.6	124.3	124.2	124.0	124.0	123.9	124.0	123.9	123.9	11.4	46.7
20,0°	124.7	124.2	123.5	122.9	122.3	121.8	121.4	121.1	120.9	120.8	120.8	120.8	120.8	12.9	59.6
22,5°	122.4	121.8	121.2	120.6	119.8	119.1	118.5	118.1	117.8	117.6	117.6	117.5	117.4	14.4	74.0
25,0°	119.7	119.1	118.3	117.7	116.9	116.1	115.6	115.1	114.5	114.3	114.2	114.1	114.2	15.9	89.9
27,5°	117.0	116.1	115.3	114.7	113.9	113.2	112.5	111.8	111.1	110.6	110.3	110.1	110.1	17.3	107.2
30,0°	114.3	113.3	112.4	111.5	110.7	110.0	109.2	108.5	107.8	107.0	106.6	106.5	106.4	18.6	125.8
32,5°	111.8	110.6	109.5	108.5	107.6	106.7	105.9	105.2	104.4	103.6	103.1	102.7	102.7	20.0	145.8
35,0°	109.1	107.8	106.6	105.6	104.4	103.3	102.3	101.5	100.6	99.6	98.8	98.2	98.1	21.4	167.2
37,5°	106.5	105.1	103.7	102.4	101.0	99.3	98.0	96.9	95.9	94.8	93.8	93.0	92.8	22.8	190.0
40,0°	103.2	101.4	99.7	98.0	96.0	93.8	92.0	90.9	89.8	88.6	87.6	86.9	86.8	24.7	214.6
42,5°	98.6	96.1	93.4	90.9	88.6	86.1	84.7	83.9	82.1	80.4	79.4	78.7	78.7	26.6	241.3
45,0°	92.8	89.4	86.2	83.0	80.4	77.9	76.4	75.7	74.4	73.1	72.5	71.9	71.7	28.4	269.7
47,5°	90.8	87.5	84.4	82.0	80.0	78.3	77.1	77.0	76.7	76.5	76.6	76.5	76.4	31.1	300.7
50,0°	95.5	94.6	94.8	96.3	98.8	101.6	104.9	109.2	112.6	115.5	117.9	119.1	119.4	35.8	336.5
52,5°	97.6	100.0	104.4	110.6	118.5	126.5	134.5	142.9	149.7	155.3	159.0	161.2	161.7	41.6	378.2
55,0°	96.1	101.2	108.2	117.3	128.1	139.3	149.5	159.6	168.4	174.7	179.0	181.7	182.0	50.3	428.5
57,5°	92.0	97.7	105.7	115.2	125.6	137.4	147.7	156.0	164.1	168.5	171.3	173.0	173.5	62.1	490.5
60,0°	86.4	92.0	99.3	107.9	116.7	125.7	134.1	140.1	144.4	147.1	148.2	148.8	148.9	73.7	564.2
62,5°	82.3	86.6	92.5	98.5	103.8	108.3	112.0	113.8	113.3	112.8	111.5	109.6	109.0	81.0	645.2
65,0°	77.0	80.1	84.5	88.9	92.5	94.7	96.5	96.0	94.6	92.1	89.7	87.9	86.8	81.9	727.1
67,5°	71.0	74.2	78.2	81.7	83.6	84.2	84.2	82.0	79.9	77.4	74.4	72.9	71.2	75.6	802.6
70,0°	62.4	65.9	69.3	72.3	71.9	69.4	67.1	62.8	60.2	56.1	54.8	52.6	50.9	64.8	867.5
72,5°	51.7	55.1	56.3	57.8	55.6	52.7	49.5	43.5	40.9	37.7	40.4	36.4	33.9	51.4	918.8
75,0°	40.3	40.8	40.7	39.5	38.9	34.0	24.1	14.9	12.9	12.3	18.1	12.0	11.0	38.4	957.2
77,5°	26.4	26.6	26.8	23.3	15.7	8.2	7.0	6.6	6.4	5.6	5.3	4.7	4.7	25.3	982.6
80,0°	14.0	13.2	11.4	6.5	4.5	4.0	3.4	3.2	3.0	2.4	1.9	1.7	1.8	12.1	994.7
82,5°	5.4	4.7	3.5	2.7	2.4	2.1	1.9	1.7	1.5	1.2	1.1	1.1	1.0	4.2	998.8
85,0°	1.5	1.5	1.4	1.2	1.2	1.1	1.0	0.9	0.9	0.7	0.7	0.7	0.6	0.8	999.6
87,5°	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.4	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	0.0	0.0	1000.0

## Lichttechnischer Prüfbefund

<b>Familie</b> Streetlight 21 micro LED	<b>Bestell-Nr.: 5XE1P33S08DB</b> <b>EAN: 4058352806562</b>	<b>LP-Nummer</b> 59337_288
<b>Dimmstufen-Tabelle</b>		<b>siteco</b>
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	5020	39.1	40.8	40.0
95	238	252	4766	36.6	38.1	37.4
90	223	249	4521	34.2	35.7	35.0
85	208	247	4269	31.9	33.3	32.6
80	193	244	4010	29.7	30.9	30.3
75	179	241	3764	27.5	28.6	28.0
70	165	238	3512	25.4	26.5	26.0
65	152	235	3270	23.4	24.4	23.9
60	138	232	3006	21.3	22.2	21.8
55	125	228	2754	19.4	20.2	19.8
50	113	224	2517	17.7	18.4	18.0
45	100	220	2254	15.8	16.5	16.2
40	88	215	2005	14.1	14.6	14.4
35	76	210	1751	12.4	12.9	12.6
30	65	204	1514	10.8	11.2	11.0
25	53	197	1250	9.2	9.5	9.4
20	42	188	1003	7.7	7.8	7.8
15	31	177	752	6.1	6.3	6.2
12	24	168	589	5.1	5.3	5.2

<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 5°C
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	5140	39.6	41.3	40.4
95	239	252	4891	37.2	38.8	38.0
90	223	249	4619	34.7	36.1	35.4
85	209	247	4375	32.5	33.9	33.2
80	194	244	4108	30.1	31.5	30.8
75	180	241	3853	28.0	29.1	28.6
70	166	238	3593	25.9	27.0	26.4
65	153	235	3346	24.0	24.9	24.4
60	139	232	3074	21.8	22.7	22.2
55	126	228	2817	19.9	20.7	20.3
50	114	225	2575	18.1	18.9	18.5
45	101	220	2307	16.2	16.8	16.5
40	89	216	2054	14.5	15.0	14.8
35	77	210	1796	12.8	13.2	13.0
30	65	204	1533	11.0	11.4	11.2
25	54	197	1287	9.4	9.8	9.6
20	43	189	1037	7.9	8.2	8.0
15	31	177	760	6.2	6.4	6.3
12	24	168	595	5.2	5.4	5.3

## Lichttechnischer Prüfbefund

<b>Familie</b> Streetlight 21 micro LED	<b>Bestell-Nr.: 5XE1P33S08DB</b> <b>EAN: 4058352806562</b>	<b>LP-Nummer</b> <b>59337_288</b>
<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 15°C</b>
<b>siteco</b>		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	5090	39.3	41.0	40.2
95	238	252	4829	36.8	38.3	37.6
90	223	249	4579	34.4	35.9	35.2
85	208	247	4321	32.1	33.5	32.8
80	194	244	4076	29.9	31.3	30.6
75	180	241	3825	27.8	28.9	28.4
70	166	238	3568	25.7	26.8	26.2
65	152	235	3304	23.6	24.6	24.1
60	139	232	3055	21.7	22.5	22.1
55	126	228	2801	19.8	20.5	20.2
50	113	224	2540	17.8	18.5	18.2
45	101	220	2295	16.0	16.7	16.4
40	89	216	2044	14.3	14.9	14.6
35	77	210	1788	12.7	13.1	12.9
30	65	204	1526	10.9	11.3	11.1
25	54	197	1282	9.4	9.7	9.6
20	42	188	1010	7.7	7.9	7.8
15	31	177	757	6.2	6.4	6.3
12	24	168	593	5.2	5.3	5.2

**Lichttechnischer Prüfbefund**

<b>Familie</b> Streetlight 21 micro LED	<b>Bestell-Nr.:</b> 5XE1P33S08DB <b>EAN:</b> 4058352806562	<b>LP-Nummer</b> 59337_288
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<b>Lichtstrom-Tabelle</b>	<b>siteco</b>
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Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	5020.0	39.1
5.0	5140.0	39.6
15.0	5090.0	39.3