

## Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 21 midi LED**

**Bestell-Nr.: 5XE3F31Y08MB**  
**EAN: 4058352924167**

**LP-Nummer**  
**59559\_14**



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

**Optik** Fußgängerüberweg, asymmetrisch links strahlend (PC-L)

**Abdeckung** Einscheibensicherheitsglas (ESG)

**Bestückung** LED 3000 K | CRI ≥ 70

**Betriebsgerät** EVG SITECO iQ - Smart Interface

**Bemessungswerte** Nettolichtstrom = 17070 lm  
Systemleistung = 129.3 W  
Lichtausbeute = 132 lm/W

**Seriendokumentation**  
**07.02.2024**

**siteco**

**Lichtstärke in cd/klm**

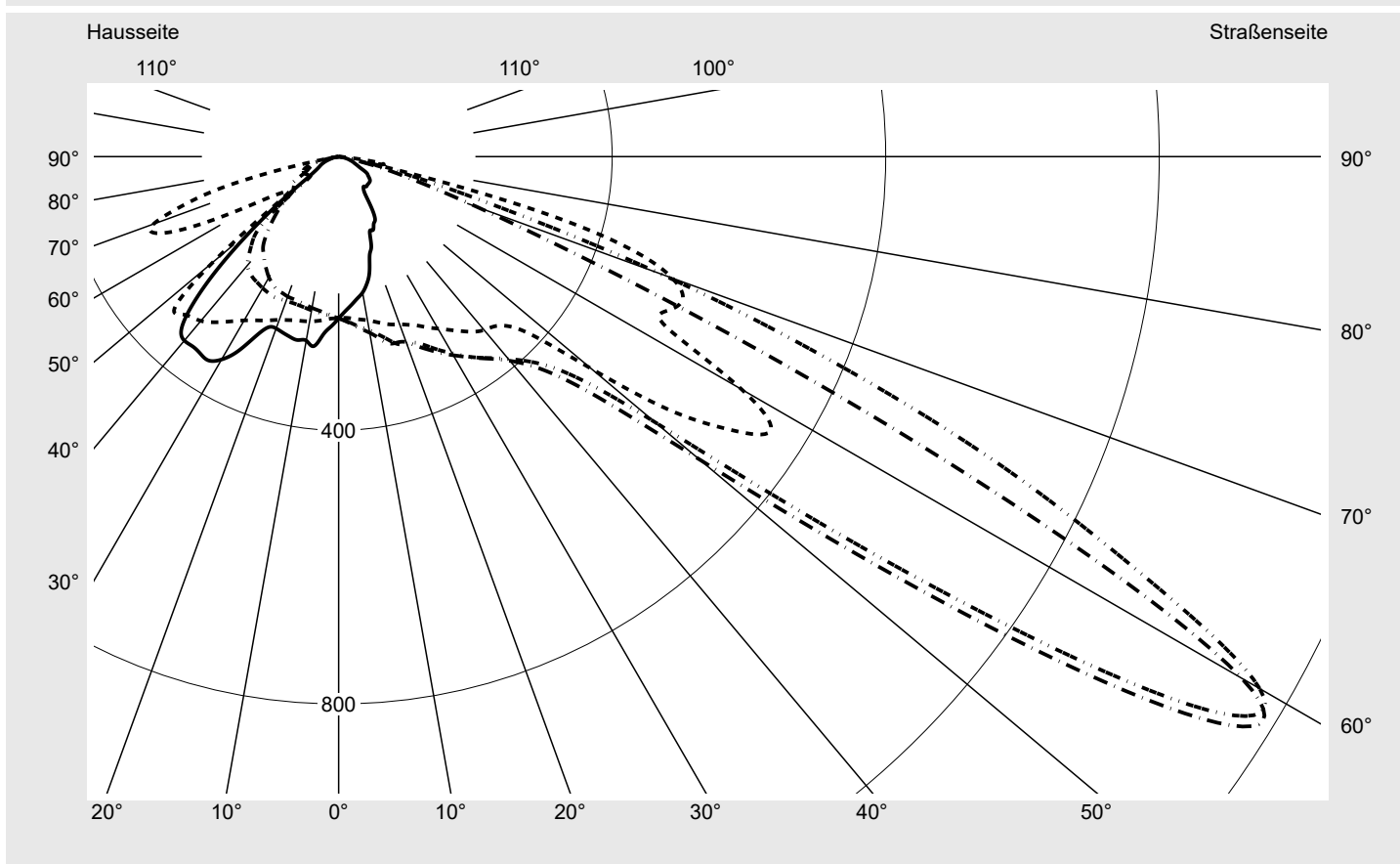
**C180-0**

**C270-90**

**C290-110**

**C295-115**

**Imax: 1555 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta 100.0%

Eta 0° - 90° 100.0%

Eta 90° - 180° 0.0%

**Lichtstärkeklasse nach EN13201-2**

Klasse: G3

Imax 70° 818.0

Imax 80° 67.6

Imax 90° 0.0

Imax >90° 0.0

Imax >95° 0.0

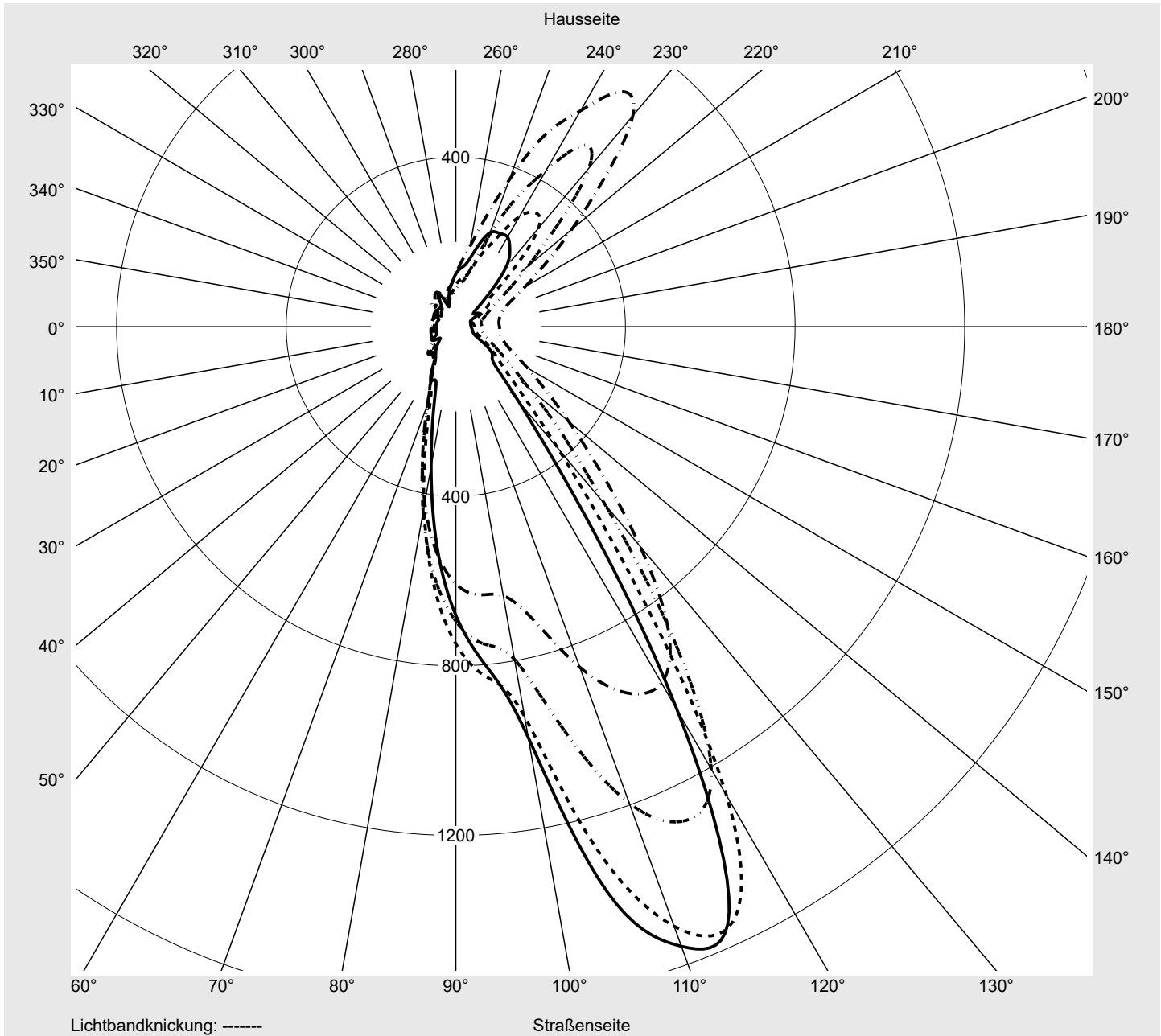
**Messbedingungen**

DIN EN 13032 und DIN 5032

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<b>Familie</b> Streetlight 21 midi LED	<b>Bestell-Nr.:</b> 5XE3F31Y08MB <b>EAN:</b> 4058352924167	<b>LP-Nummer</b> 59559_14
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**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**    **siteco**



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<b>Familie</b> <b>Streetlight 21 midi LED</b>	<b>Bestell-Nr.: 5XE3F31Y08MB</b> <b>EAN: 4058352924167</b>	<b>LP-Nummer</b> <b>59559_14</b>
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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C- Ebenen	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°
$\gamma$	Lichtstärke in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	225.9	227.1	227.1	227.5	227.7	227.7	228.1	228.3	228.7	229.7	230.5	231.3	232.3	233.1
5,0°	217.3	216.7	216.9	217.3	217.9	218.5	219.3	220.3	221.3	222.7	224.3	225.9	227.7	229.5
7,5°	209.1	208.9	209.3	209.9	210.9	212.1	213.3	214.5	215.7	217.5	219.5	221.9	224.5	227.5
10,0°	201.7	201.1	201.5	202.5	203.3	203.9	205.5	207.7	210.5	213.1	215.5	217.9	220.9	224.7
12,5°	190.3	190.9	191.9	193.1	195.3	196.9	199.1	202.3	204.7	207.1	211.1	215.1	219.1	223.5
15,0°	174.1	173.3	175.1	177.9	181.7	185.1	188.7	192.5	196.7	201.9	206.9	211.9	218.1	223.3
17,5°	150.7	152.7	154.1	156.7	160.7	166.1	172.5	179.9	186.9	194.1	201.7	209.7	216.9	224.5
20,0°	139.5	139.1	140.7	143.1	146.3	150.3	155.5	163.3	173.7	184.5	194.5	204.7	215.3	224.3
22,5°	118.7	120.3	121.9	125.7	131.5	137.7	143.7	150.9	159.5	171.7	185.7	197.9	211.1	222.7
25,0°	118.5	118.7	118.5	117.9	117.7	120.5	129.5	139.3	148.7	158.7	173.7	190.1	205.3	221.3
27,5°	111.0	112.6	113.9	116.1	118.5	118.3	117.7	123.7	137.5	148.7	161.9	180.3	199.7	218.7
30,0°	106.6	107.0	108.0	108.4	111.0	115.3	118.9	117.3	122.7	138.1	152.7	169.5	191.7	213.5
32,5°	90.8	96.4	101.2	104.8	106.8	108.4	113.6	118.3	117.7	125.5	142.5	159.1	181.9	207.5
35,0°	68.6	71.0	78.4	89.4	101.6	105.8	106.6	112.6	118.9	118.5	130.7	147.5	169.5	198.5
37,5°	59.8	62.4	67.0	74.0	85.8	101.6	106.0	106.6	114.1	118.9	121.5	136.7	158.9	189.5
40,0°	57.0	59.4	63.6	68.8	75.2	86.4	104.8	106.6	108.4	116.7	117.7	128.3	147.1	178.1
42,5°	59.4	61.6	65.0	69.0	73.4	79.0	93.2	109.6	107.4	110.4	116.1	121.7	135.5	165.3
45,0°	59.0	61.0	64.0	68.0	72.8	77.4	83.2	103.0	109.2	106.2	112.0	115.3	121.9	149.3
47,5°	58.8	60.2	62.4	65.0	68.6	73.0	77.4	86.2	107.6	103.6	105.4	109.0	112.0	136.9
50,0°	58.6	59.8	61.2	62.6	64.6	67.2	69.8	73.2	97.2	99.0	96.6	100.4	106.0	130.1
52,5°	57.8	58.8	59.8	60.6	61.8	62.8	64.4	65.4	80.8	91.6	87.0	91.6	102.0	136.1
55,0°	54.8	55.4	56.8	58.2	59.4	59.6	61.8	59.2	66.6	84.0	79.2	84.8	98.6	139.9
57,5°	50.8	51.4	52.6	53.8	55.8	58.4	63.0	53.2	57.2	74.2	76.6	82.6	101.2	140.7
60,0°	46.6	46.4	47.2	47.8	48.2	54.0	64.4	47.6	50.2	61.8	73.0	83.6	108.4	138.7
62,5°	36.0	37.8	38.6	39.6	40.4	48.6	58.0	43.0	45.2	52.8	64.4	84.4	111.8	125.5
65,0°	29.8	30.6	32.0	33.8	35.6	43.6	49.2	39.0	41.2	46.2	56.0	83.4	105.2	109.4
67,5°	25.0	26.6	27.8	29.4	33.0	40.0	40.4	34.6	36.8	39.4	48.8	75.8	87.4	83.2
70,0°	21.8	22.4	23.4	25.2	29.2	35.4	32.8	30.4	30.8	32.2	41.0	61.8	68.0	57.2
72,5°	17.6	18.6	19.2	21.0	25.2	29.8	26.6	24.6	24.8	26.4	33.4	48.6	55.2	41.6
75,0°	14.4	14.6	15.0	16.6	20.4	24.0	20.8	18.8	19.4	20.4	24.8	37.0	42.6	30.8
77,5°	9.8	10.8	11.0	12.6	16.2	17.8	14.6	13.8	13.8	14.4	16.4	23.4	24.8	23.4
80,0°	7.0	7.2	7.2	8.2	11.2	11.0	9.2	8.8	7.8	8.2	9.2	10.2	12.2	15.2
82,5°	4.0	4.4	4.4	4.4	5.2	6.4	4.8	4.2	4.2	4.4	4.8	5.4	6.2	7.8
85,0°	1.2	1.2	1.4	1.6	2.0	1.6	1.6	1.8	1.8	2.0	2.2	2.2	2.6	3.0
87,5°	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.8	0.8	1.0	1.0	1.2
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

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

C- Ebenen	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
$\gamma$	Lichtstärke in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	233.7	234.5	234.9	235.3	235.9	237.3	238.3	239.1	240.3	240.9	241.5	242.1	242.7	243.3
5,0°	231.5	233.5	234.9	236.1	237.7	240.1	242.1	244.3	245.7	246.9	248.1	249.1	250.5	251.7
7,5°	230.3	232.9	235.3	237.5	240.1	243.5	246.7	249.3	251.9	254.1	256.5	258.7	260.7	263.5
10,0°	228.7	232.7	236.1	239.3	242.9	247.3	250.9	254.3	257.9	261.5	265.7	269.7	273.9	277.3
12,5°	228.3	233.5	238.3	242.5	247.3	252.3	256.7	260.9	266.1	271.7	277.3	280.1	276.7	272.7
15,0°	229.1	235.3	241.5	246.9	252.5	257.9	263.3	269.3	276.5	282.7	281.9	276.3	275.5	276.5
17,5°	231.1	237.7	244.5	251.3	257.3	263.3	270.3	279.1	287.3	284.9	281.9	283.5	283.3	281.9
20,0°	232.1	239.3	246.9	254.7	260.9	268.1	277.7	288.5	291.1	288.5	292.1	292.3	289.9	286.3
22,5°	233.1	241.3	249.7	258.3	266.1	274.9	287.9	296.1	294.5	299.7	302.1	300.1	295.1	289.1
25,0°	233.9	244.1	253.3	263.1	272.5	284.5	298.9	301.1	305.3	311.5	312.1	307.7	299.3	290.9
27,5°	234.3	246.7	257.5	268.9	281.5	296.1	308.1	310.3	318.9	323.7	322.7	315.3	304.5	294.7
30,0°	233.1	248.5	261.5	275.1	290.3	307.5	315.1	322.7	331.9	335.3	332.3	322.5	311.3	302.5
32,5°	231.9	250.3	266.7	282.5	300.3	318.1	323.3	335.9	345.8	347.0	341.4	331.7	323.9	317.9
35,0°	227.7	251.1	271.1	290.7	311.3	326.9	334.1	349.0	358.8	359.6	352.8	343.4	340.6	350.0
37,5°	223.5	251.5	275.7	299.7	322.7	336.1	347.4	363.2	371.2	372.8	366.4	360.2	370.8	398.2
40,0°	216.3	248.9	277.7	305.9	330.9	345.8	362.0	378.4	386.2	389.6	386.8	393.0	424.0	456.6
42,5°	204.3	242.3	277.9	310.5	336.7	354.8	375.4	395.2	405.0	413.6	421.8	448.0	492.6	519.0
45,0°	189.1	236.3	282.5	322.3	350.4	370.0	389.6	412.8	432.8	453.8	482.8	532.2	573.9	579.9
47,5°	180.5	241.9	305.7	356.0	388.8	406.0	420.2	444.6	484.6	531.2	583.9	637.5	650.1	612.3
50,0°	183.7	269.9	361.2	435.4	482.4	498.2	500.8	529.8	604.1	688.3	748.7	767.3	703.7	586.5
52,5°	195.3	300.3	421.6	531.2	606.5	634.9	644.3	719.3	854.8	953.0	970.4	874.0	675.5	482.4
55,0°	190.5	296.9	443.6	588.5	694.5	750.9	796.8	984.4	1196.3	1285.0	1204.9	889.0	547.8	349.2
57,5°	171.3	269.9	431.4	606.9	747.9	829.2	933.4	1269.4	1504.9	1547.3	1276.0	724.9	374.6	211.7
60,0°	136.9	202.3	335.1	516.0	680.5	801.2	984.0	1380.4	1555.3	1524.9	1043.9	484.8	230.9	134.5
62,5°	101.2	138.5	239.9	403.6	541.4	663.1	899.8	1252.8	1328.0	1153.3	657.9	260.7	115.1	99.2
65,0°	84.0	106.6	192.3	383.6	531.8	647.7	904.0	1121.9	1069.7	717.7	354.2	157.7	83.4	59.8
67,5°	64.0	71.2	124.7	339.4	544.6	692.3	944.4	1006.8	779.7	391.6	187.7	113.8	64.6	44.8
70,0°	46.0	49.6	70.2	258.5	519.2	668.3	818.0	771.1	501.4	216.5	123.7	83.6	48.0	38.2
72,5°	34.6	36.0	43.6	182.5	444.0	509.2	511.8	440.0	250.7	122.7	80.8	49.4	37.4	38.0
75,0°	25.6	22.4	27.2	108.2	278.7	295.9	230.9	196.7	117.7	68.8	45.8	24.8	29.0	29.8
77,5°	19.0	19.0	19.6	38.0	65.6	75.6	68.2	55.4	40.2	27.4	19.2	16.4	19.8	21.8
80,0°	12.4	17.6	16.6	33.0	65.6	67.6	44.8	24.2	19.4	15.2	11.8	10.6	10.6	14.4
82,5°	7.0	9.4	11.0	20.0	40.6	44.8	29.0	14.6	10.4	8.6	7.2	6.4	5.8	6.2
85,0°	3.6	4.2	4.6	5.6	6.8	8.2	8.6	7.0	4.8	4.0	3.4	3.0	2.8	2.4
87,5°	1.2	1.4	1.4	1.6	1.6	1.6	1.6	1.6	1.4	1.4	1.2	1.2	1.0	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

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

C- Ebenen	140°	145°	150°	155°	160°	165°	170°	175°	180°	185°	190°	195°	200°	205°
$\gamma$	Lichtstärke in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	243.9	244.5	245.1	245.7	246.3	246.7	247.7	248.1	248.3	248.9	248.9	248.5	248.1	247.5
5,0°	252.9	254.1	255.5	256.5	257.7	258.7	259.9	260.9	261.3	262.1	261.9	261.1	260.3	259.3
7,5°	266.1	268.5	270.9	272.9	274.7	275.9	277.5	278.9	279.5	280.1	280.3	279.1	278.3	276.5
10,0°	278.1	276.5	273.9	271.9	270.9	270.7	271.1	272.3	273.1	273.7	274.3	274.3	275.1	276.3
12,5°	271.9	272.3	272.5	272.5	272.7	272.5	272.9	274.1	274.7	275.3	275.9	276.1	277.1	278.1
15,0°	276.3	275.5	274.7	273.5	272.9	271.9	271.7	272.5	273.1	273.3	274.1	274.9	276.5	277.9
17,5°	279.5	277.1	274.9	272.7	271.3	269.7	269.1	269.7	270.1	270.3	271.3	272.7	274.9	277.3
20,0°	281.9	277.9	274.5	271.7	269.3	267.5	266.5	266.9	267.3	267.3	268.1	269.7	271.7	274.5
22,5°	283.1	277.9	273.7	270.5	269.1	268.3	268.5	269.9	270.3	270.1	270.3	270.1	270.7	271.9
25,0°	283.9	278.9	275.7	275.5	277.7	281.9	286.1	289.9	291.5	290.3	287.7	283.3	278.9	276.1
27,5°	287.9	285.7	288.3	296.3	305.9	313.5	318.3	321.1	321.7	320.1	317.7	312.1	303.9	293.7
30,0°	299.3	305.5	318.7	330.3	337.7	341.8	342.6	342.4	342.4	341.2	340.8	339.1	334.3	324.9
32,5°	326.1	343.0	357.2	364.8	365.8	362.4	358.2	354.6	353.4	354.0	356.8	360.6	362.4	358.6
35,0°	370.6	388.0	396.6	392.8	379.6	366.6	357.6	353.0	352.0	353.8	359.4	368.2	378.8	388.6
37,5°	420.8	431.4	422.4	401.0	378.8	364.0	355.2	351.2	350.0	352.6	358.8	368.8	383.0	402.2
40,0°	472.2	462.8	437.0	410.0	386.2	368.4	358.0	352.6	351.0	354.0	362.6	374.4	391.0	413.6
42,5°	515.2	489.2	458.4	425.0	395.2	370.6	353.4	343.2	339.8	344.0	356.4	374.2	398.8	428.0
45,0°	548.6	509.2	460.0	408.2	364.4	332.3	312.1	300.3	296.5	300.5	314.3	334.9	365.4	408.4
47,5°	550.4	474.8	401.0	339.3	295.5	264.9	245.7	235.5	231.9	234.3	244.9	265.1	295.7	341.0
50,0°	483.4	376.4	301.7	246.7	207.3	183.1	169.5	163.3	161.1	161.5	166.9	178.9	201.5	240.3
52,5°	347.2	255.9	195.7	152.5	127.3	114.1	107.0	104.2	103.0	102.0	104.2	109.0	120.1	144.1
55,0°	224.3	158.5	119.5	94.8	80.4	70.0	63.6	62.4	62.2	60.4	60.2	64.6	73.6	86.2
57,5°	143.9	111.4	88.0	68.8	56.0	48.8	45.8	45.2	44.6	42.8	41.8	42.0	47.8	61.0
60,0°	112.2	101.8	72.6	51.8	44.2	41.2	39.4	37.4	36.4	35.4	35.8	35.6	36.8	44.0
62,5°	92.2	85.6	59.2	37.0	35.8	35.6	35.0	33.0	31.8	31.0	31.4	29.8	29.8	30.4
65,0°	65.4	62.8	47.2	33.0	32.8	33.0	31.6	29.8	28.4	28.0	28.4	28.4	26.8	27.0
67,5°	40.6	46.4	40.6	31.4	31.0	29.8	28.0	26.2	24.6	24.6	25.0	26.0	25.6	25.0
70,0°	35.8	36.6	32.8	26.8	26.0	24.8	23.6	21.8	20.4	20.6	21.0	21.2	21.4	21.6
72,5°	28.2	26.8	25.2	21.4	20.2	18.6	17.6	16.8	15.6	15.4	15.4	15.8	16.4	17.4
75,0°	21.6	19.8	19.0	16.2	14.8	13.4	12.6	12.4	11.6	11.2	10.8	11.2	12.0	13.0
77,5°	16.8	13.8	13.8	12.0	10.4	9.8	9.4	9.6	8.8	8.4	8.2	8.0	8.2	8.6
80,0°	13.2	10.6	8.8	8.0	6.8	6.4	6.2	6.2	5.2	5.2	5.2	5.0	5.0	5.4
82,5°	7.4	6.2	5.2	4.4	4.4	3.6	3.4	3.2	2.6	2.6	2.6	2.8	3.0	3.2
85,0°	2.2	2.6	2.0	1.8	1.6	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.2	1.2
87,5°	1.0	0.8	0.8	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 midi LED</b>	<b>Bestell-Nr.: 5XE3F31Y08MB</b> <b>EAN: 4058352924167</b>	<b>LP-Nummer</b> <b>59559_14</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	210°	215°	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°	275°
$\gamma$	Lichtstärke in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	246.9	246.3	245.5	244.5	243.5	242.7	241.5	240.5	239.9	239.1	238.3	237.7	236.9	236.1
5,0°	258.3	257.3	255.9	254.3	252.5	250.7	249.1	247.3	246.3	244.3	242.5	240.9	239.5	237.9
7,5°	274.7	272.1	270.3	267.3	263.9	261.3	258.5	255.3	252.9	250.3	247.3	244.5	242.3	240.1
10,0°	278.7	282.1	284.5	282.9	278.3	273.5	268.5	263.5	259.7	255.5	251.5	247.9	244.5	241.3
12,5°	278.7	278.9	278.1	278.1	281.5	284.3	279.5	272.5	266.3	260.9	255.5	250.7	246.1	242.3
15,0°	279.7	280.9	281.7	280.9	279.1	277.1	281.7	281.9	273.5	266.3	259.5	253.1	247.7	243.1
17,5°	279.7	282.1	283.7	284.5	284.7	283.1	279.1	280.9	283.3	273.5	265.1	257.1	250.5	245.3
20,0°	277.9	281.3	284.7	287.3	289.3	289.9	287.7	282.5	283.9	283.5	271.5	261.7	253.9	247.7
22,5°	275.3	279.1	283.3	288.3	293.1	296.5	297.5	293.7	287.1	290.7	281.1	268.9	258.9	251.3
25,0°	275.3	277.7	282.1	288.3	295.5	302.5	306.3	306.1	298.3	293.1	293.7	277.1	264.3	255.3
27,5°	285.1	281.7	284.3	290.5	298.5	307.7	314.9	317.3	310.7	301.3	299.5	285.1	269.7	258.5
30,0°	311.5	297.9	291.7	295.3	303.5	313.1	322.5	326.3	322.3	311.5	302.3	295.1	276.5	262.5
32,5°	347.8	331.1	313.7	305.9	309.7	319.7	330.1	335.5	333.5	322.7	309.3	304.7	285.1	267.5
35,0°	387.4	374.4	353.8	331.7	322.9	329.1	340.6	346.6	345.0	333.9	319.7	311.5	295.1	273.9
37,5°	418.8	420.4	402.4	373.6	347.6	343.8	353.4	359.4	356.2	345.4	331.3	318.5	305.1	280.5
40,0°	438.6	459.0	457.4	431.4	392.0	368.4	371.2	374.4	370.4	361.6	347.2	329.9	313.5	286.7
42,5°	459.6	489.8	509.8	499.4	460.0	414.4	397.8	395.0	390.8	381.0	361.0	338.9	318.3	291.3
45,0°	458.2	506.2	549.2	569.1	547.2	492.8	447.8	430.4	418.6	399.4	372.6	348.8	325.9	297.7
47,5°	401.8	474.6	549.0	609.9	627.9	590.7	528.8	488.6	449.8	416.0	382.0	353.2	323.7	292.5
50,0°	299.7	379.6	481.2	596.9	683.7	681.1	615.3	556.6	467.4	388.2	325.9	279.3	239.3	207.5
52,5°	188.9	255.9	356.8	495.2	649.5	676.7	588.1	500.4	368.6	261.7	191.9	154.1	124.1	103.2
55,0°	110.8	150.3	222.3	339.4	488.6	522.0	426.6	330.9	225.9	146.7	112.2	100.4	87.8	75.2
57,5°	78.4	94.0	103.6	194.3	303.3	327.9	299.9	232.7	185.5	141.1	118.7	110.8	98.4	83.8
60,0°	62.4	52.2	61.6	112.2	185.5	222.1	243.9	243.1	235.9	193.7	153.5	138.5	124.1	103.6
62,5°	39.0	38.0	49.4	83.2	119.1	157.3	201.1	288.9	333.3	299.3	235.3	204.5	183.5	147.3
65,0°	28.4	31.4	42.2	76.0	97.2	115.5	149.5	296.7	419.8	428.0	352.4	292.9	251.9	193.5
67,5°	26.0	26.8	35.6	65.2	78.6	89.6	98.8	229.7	426.4	504.4	448.0	359.6	291.5	207.9
70,0°	22.0	23.8	30.0	43.4	60.0	69.4	71.2	147.3	352.0	477.6	471.6	374.0	288.1	189.5
72,5°	17.8	18.6	22.8	27.2	38.2	51.4	53.0	89.8	228.3	349.0	379.8	309.1	240.5	147.9
75,0°	13.8	14.2	16.4	19.8	20.6	24.2	36.2	54.8	128.1	204.9	236.3	213.7	178.7	104.4
77,5°	10.4	10.6	12.2	13.4	14.4	15.8	19.8	30.4	58.4	94.0	107.2	97.2	84.0	49.0
80,0°	7.2	8.0	9.4	8.6	8.8	9.2	11.4	15.6	22.4	29.4	24.2	15.8	12.4	10.8
82,5°	4.4	4.8	5.0	4.4	4.4	4.8	5.8	7.2	9.0	10.2	8.6	5.2	3.4	4.2
85,0°	1.6	1.6	1.6	1.6	1.8	2.0	2.2	2.4	2.8	3.0	2.6	2.0	1.6	2.0
87,5°	0.4	0.4	0.4	0.6	0.6	0.8	0.8	1.0	1.0	1.0	1.2	1.2	1.2	1.4
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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 midi LED</b>	<b>Bestell-Nr.: 5XE3F31Y08MB</b> <b>EAN: 4058352924167</b>	<b>LP-Nummer</b> <b>59559_14</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	330°	335°	340°	345°
$\gamma$	Lichtstärke in cd/klm													
0,0°	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4	236.4
2,5°	235.1	234.5	233.3	232.7	231.9	231.3	230.7	229.7	229.1	228.5	228.1	227.9	227.7	227.3
5,0°	235.7	233.9	231.5	229.3	227.5	225.9	224.7	223.3	222.1	220.7	219.7	218.9	218.1	217.5
7,5°	236.7	233.1	229.5	226.7	224.3	221.9	219.5	217.5	216.1	214.7	213.3	212.1	211.1	210.3
10,0°	236.9	232.3	228.1	224.5	221.3	218.5	215.9	213.7	211.3	208.3	205.9	204.3	203.7	203.1
12,5°	236.9	231.3	226.3	221.9	218.5	215.1	211.1	207.3	205.3	202.9	199.5	197.5	195.5	193.3
15,0°	236.9	230.5	224.9	219.9	215.5	210.5	205.9	201.9	197.7	193.1	189.1	185.1	181.5	177.9
17,5°	238.5	230.9	224.3	218.5	212.5	206.3	199.3	193.1	186.1	179.5	172.5	165.5	159.9	156.1
20,0°	240.3	231.7	224.5	217.7	209.3	200.5	190.9	181.7	172.3	162.5	155.1	149.7	145.7	142.5
22,5°	243.3	233.7	225.1	215.7	205.1	192.7	180.7	167.7	156.3	148.7	142.3	136.1	130.3	124.7
25,0°	246.5	235.7	226.1	214.1	199.3	184.3	168.9	154.9	145.5	136.5	126.5	118.5	116.5	117.3
27,5°	248.1	235.9	224.1	209.3	192.1	174.3	156.3	144.7	132.7	119.5	114.7	116.3	116.5	114.7
30,0°	250.3	236.1	222.1	203.9	183.1	161.9	147.5	133.5	118.3	114.3	115.7	112.6	108.2	106.2
32,5°	253.1	237.5	219.5	196.3	172.5	151.1	136.5	120.3	114.5	115.7	109.6	104.4	103.2	102.8
35,0°	257.5	239.3	217.3	188.7	160.7	140.7	124.7	114.5	116.3	108.8	102.8	102.6	99.0	86.4
37,5°	262.3	240.7	213.5	180.1	150.3	129.7	115.7	114.9	110.6	102.6	103.0	97.6	80.4	69.4
40,0°	264.7	238.5	207.1	171.9	141.1	121.5	113.6	113.0	102.6	100.8	99.4	81.2	70.6	65.0
42,5°	263.9	231.5	193.9	157.5	129.5	117.1	112.8	105.0	95.8	100.0	84.4	71.8	67.4	64.8
45,0°	264.1	223.5	179.5	140.9	115.7	112.4	109.8	97.4	90.2	89.4	74.0	69.8	67.4	63.6
47,5°	253.9	209.7	162.3	124.1	104.6	106.0	102.0	91.8	87.4	74.4	69.4	66.6	63.4	61.0
50,0°	180.5	153.3	125.5	107.2	98.2	96.2	90.6	87.0	80.2	66.0	64.0	62.4	60.0	59.0
52,5°	93.2	82.8	73.4	86.0	93.0	86.0	78.2	80.2	65.4	60.0	59.2	57.6	57.0	57.2
55,0°	69.0	58.8	51.0	79.4	88.8	76.2	66.2	69.8	55.2	54.6	54.8	53.8	54.4	54.8
57,5°	73.2	59.2	50.6	82.6	83.8	66.2	57.0	57.8	49.6	47.4	53.8	51.2	49.6	50.6
60,0°	85.6	63.0	52.8	79.0	77.2	58.0	50.4	47.6	44.0	44.0	55.6	45.8	43.6	45.2
62,5°	107.6	72.0	54.8	64.6	63.0	50.4	44.2	41.0	39.2	41.2	51.8	38.4	36.2	36.8
65,0°	127.5	79.6	55.8	53.4	48.2	41.8	39.0	36.2	35.0	37.6	47.2	35.6	30.6	30.2
67,5°	127.9	76.6	55.6	48.0	38.6	32.8	33.4	31.6	31.2	32.0	39.4	33.6	27.2	26.2
70,0°	110.4	70.8	53.6	44.4	34.2	27.2	28.6	27.0	27.2	26.8	31.2	31.0	23.6	22.2
72,5°	82.6	58.0	47.8	40.6	31.2	23.6	24.0	22.0	22.8	22.0	23.6	26.0	20.0	18.0
75,0°	53.2	41.0	39.4	37.2	27.8	20.0	20.0	18.0	17.8	18.0	17.6	19.4	16.2	14.0
77,5°	26.2	24.2	27.0	23.8	19.4	14.8	14.6	13.4	13.0	13.4	12.6	13.6	11.8	10.2
80,0°	9.6	11.2	13.0	12.0	10.4	8.6	8.6	8.2	8.4	9.0	8.2	8.4	7.2	6.8
82,5°	5.0	5.8	6.2	5.8	5.2	4.6	4.4	4.4	4.6	5.0	4.8	4.0	3.2	3.4
85,0°	2.4	2.6	2.4	2.4	2.4	2.4	2.2	2.2	2.0	2.0	1.8	1.6	1.2	1.2
87,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.0	0.8	0.6	0.6	0.4	0.4
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

## Lichttechnischer Prüfbefund

<b>Familie</b> Streetlight 21 midi LED	<b>Bestell-Nr.: 5XE3F31Y08MB</b> <b>EAN: 4058352924167</b>	<b>LP-Nummer</b> 59559_14
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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C- Ebenen	350°	355°	Phi-Zone	Summe Phi-Zone
$\gamma$ Lichtstärke in cd/klm Lichtstrom in lm/klm				
0,0°	236.4	236.4	0.4	0.4
2,5°	227.5	227.7	2.8	3.2
5,0°	217.3	217.3	5.7	8.9
7,5°	209.9	209.5	8.7	17.6
10,0°	202.1	201.7	11.5	29.1
12,5°	191.9	191.1	14.3	43.4
15,0°	175.1	173.1	17.0	60.4
17,5°	153.7	152.7	19.4	79.8
20,0°	140.1	138.7	21.8	101.6
22,5°	121.5	120.3	24.2	125.8
25,0°	118.5	118.7	26.8	152.6
27,5°	113.2	112.2	29.8	182.4
30,0°	106.4	106.2	33.1	215.5
32,5°	100.2	95.8	36.5	252.0
35,0°	75.0	68.8	39.7	291.6
37,5°	64.0	60.8	43.0	334.6
40,0°	61.0	58.0	46.8	381.4
42,5°	62.4	60.2	50.9	432.3
45,0°	61.2	59.4	54.2	486.5
47,5°	59.8	58.8	56.3	542.9
50,0°	58.8	58.6	56.6	599.5
52,5°	57.6	57.6	54.6	654.1
55,0°	55.0	54.6	52.6	706.7
57,5°	50.6	50.4	51.6	758.2
60,0°	45.8	45.8	48.4	806.6
62,5°	37.4	37.2	42.1	848.7
65,0°	30.0	29.6	38.6	887.3
67,5°	25.8	25.6	35.2	922.5
70,0°	21.6	21.4	29.7	952.2
72,5°	17.4	17.8	21.5	973.7
75,0°	13.4	13.8	13.5	987.2
77,5°	9.8	10.0	6.5	993.7
80,0°	6.2	6.6	3.5	997.2
82,5°	3.6	4.0	1.9	999.1
85,0°	1.0	1.0	0.7	999.8
87,5°	0.4	0.4	0.2	1000.0
90,0°	0.0	0.0	0.0	1000.0



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 midi LED</b>	<b>Bestell-Nr.: 5XE3F31Y08MB</b> <b>EAN: 4058352924167</b>	<b>LP-Nummer</b> <b>59559_14</b>
<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 25°C</b>
<b>siteco</b>		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	17070	129.3	141.6	135.4
95	241	252	16196	120.4	131.7	126.0
90	229	250	15390	112.4	122.8	117.6
85	216	248	14516	104.1	113.8	109.0
80	203	246	13643	96.3	105.0	100.6
75	190	243	12769	88.7	96.9	92.8
70	178	241	11962	82.1	89.4	85.8
65	165	238	11089	75.0	81.8	78.4
60	152	235	10215	68.1	74.2	71.2
55	140	232	9409	62.1	67.6	64.8
50	127	229	8535	55.6	60.5	58.0
45	114	225	7661	49.3	53.7	51.5
40	102	221	6855	43.6	47.4	45.5
35	89	216	5981	37.7	41.0	39.4
30	76	210	5108	32.0	34.7	33.4
25	63	203	4234	26.5	28.6	27.6
20	51	195	3427	21.6	23.3	22.5
15	38	184	2554	16.4	17.6	17.0
11	29	175	1949	12.8	13.8	13.3

## Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	17070	125.6	130.4	128.0
95	241	252	16196	117.3	121.8	119.6
90	229	250	15390	109.9	114.0	112.0
85	216	248	14516	102.2	106.0	104.1
80	203	246	13642	94.8	98.3	96.6
75	191	244	12836	88.1	91.3	89.7
70	178	241	11962	81.0	84.0	82.5
65	165	238	11089	74.2	77.0	75.6
60	152	235	10215	67.6	70.0	68.8
55	140	232	9409	61.6	63.9	62.8
50	127	229	8535	55.3	57.3	56.3
45	114	225	7661	49.0	50.9	50.0
40	102	221	6855	43.5	45.1	44.3
35	89	216	5981	37.7	39.1	38.4
30	76	210	5107	32.0	33.2	32.6
25	64	204	4301	26.9	27.9	27.4
20	51	195	3427	21.6	22.3	22.0
15	38	184	2554	16.5	17.0	16.8
11	29	175	1949	12.9	13.3	13.1

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Streetlight 21 midi LED</b>	<b>Bestell-Nr.: 5XE3F31Y08MB</b> <b>EAN: 4058352924167</b>	<b>LP-Nummer</b> <b>59559_14</b>
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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 15°C	<b>siteco</b>
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	17070	127.2	133.1	130.2
95	241	252	16196	118.5	124.0	121.2
90	229	250	15389	110.9	116.1	113.5
85	216	248	14516	102.9	107.6	105.2
80	203	246	13642	95.3	99.6	97.4
75	191	244	12836	88.5	92.6	90.6
70	178	241	11962	81.4	85.0	83.2
65	165	238	11088	74.5	77.8	76.2
60	152	235	10215	67.8	70.8	69.3
55	140	232	9408	61.8	64.5	63.2
50	127	229	8535	55.4	57.8	56.6
45	114	225	7661	49.1	51.3	50.2
40	102	221	6855	43.5	45.4	44.4
35	89	216	5981	37.7	39.3	38.5
30	76	210	5107	31.9	33.3	32.6
25	64	204	4301	26.9	28.0	27.4
20	51	195	3427	21.5	22.4	22.0
15	38	184	2554	16.4	17.0	16.7
11	29	175	1949	12.9	13.3	13.1

**Lichttechnischer Prüfbefund**

<b>Familie</b> Streetlight 21 midi LED	<b>Bestell-Nr.: 5XE3F31Y08MB</b> <b>EAN: 4058352924167</b>	<b>LP-Nummer</b> <b>59559_14</b>
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<b>Lichtstrom-Tabelle</b>	<b>siteco</b>
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Temperatur °C	Lichtstrom lm	Systemleistung W
25.0	17070.0	129.3
5.0	17070.0	125.6
15.0	17070.0	127.2