

## Lichttechnischer Prüfbefund

**Familie**  
**KLEINE GLOCKE LED**

**Bestell-Nr.: 5XA1573E1B108**  
**EAN: 4058352167977**

**LP-Nummer**  
**57649\_9**



**Ausführung** hängende Montage am Mastbogen oder Wandarm  
**Optik** asymmetrisch, breit strahlend  
**Abdeckung** Abdeckwanne, klar  
**Bestückung** LED 3000 K | CRI ≥ 70  
**Betriebsgerät** EVG Plus  
**Bemessungswerte** Nettolichtstrom = 1640 lm  
Systemleistung = 13.2 W  
Lichtausbeute = 124.2 lm/W

**Seriendokumentation**  
**18.07.2022**

**siteco**

**Lichtstärke in cd/klm**

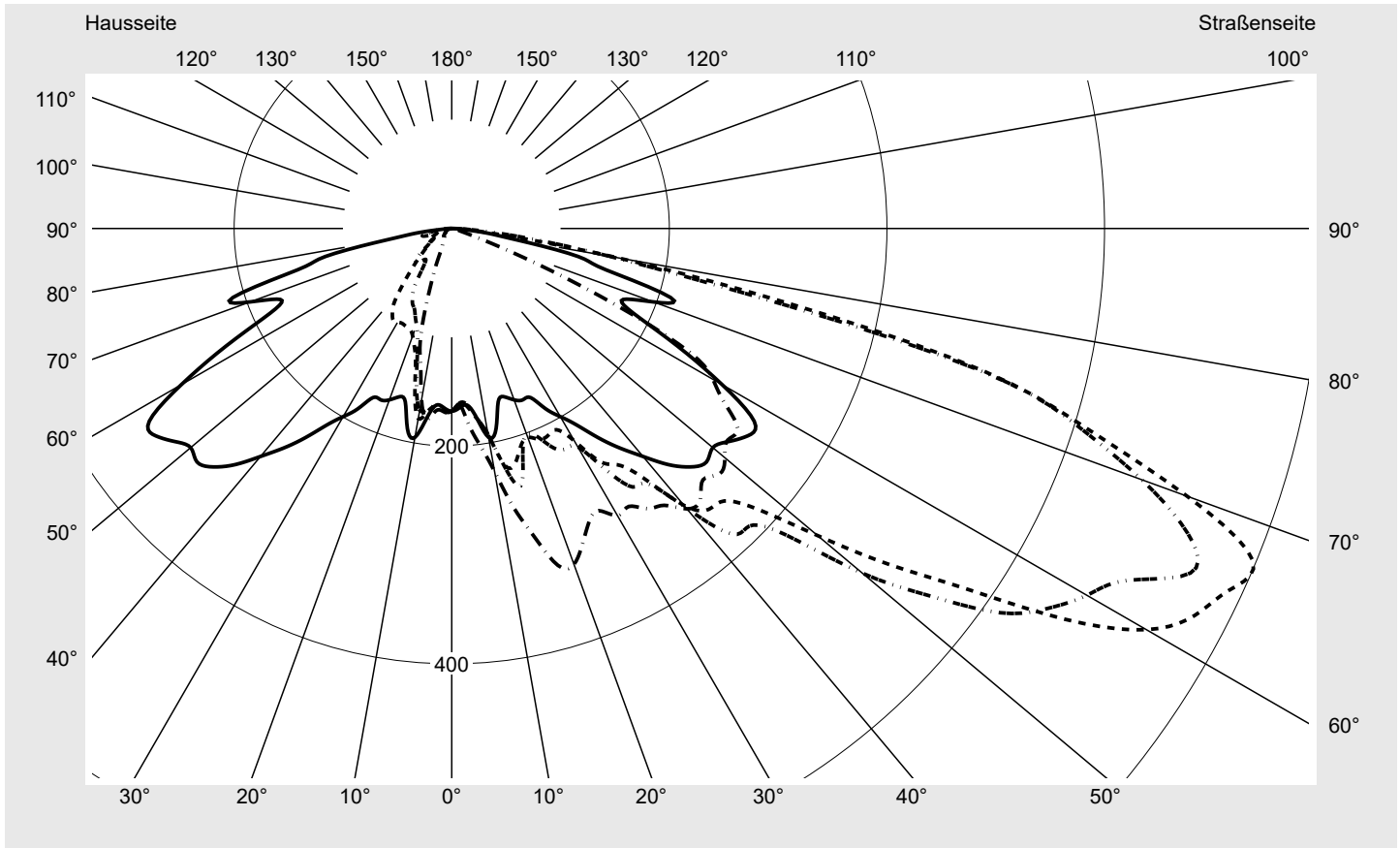
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 797 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	99.4%
Eta 90° - 180°	0.6%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G1
Imax 70°	719.4
Imax 80°	154.2
Imax 90°	3.4
Imax >90°	5.9
Imax >95°	5.9

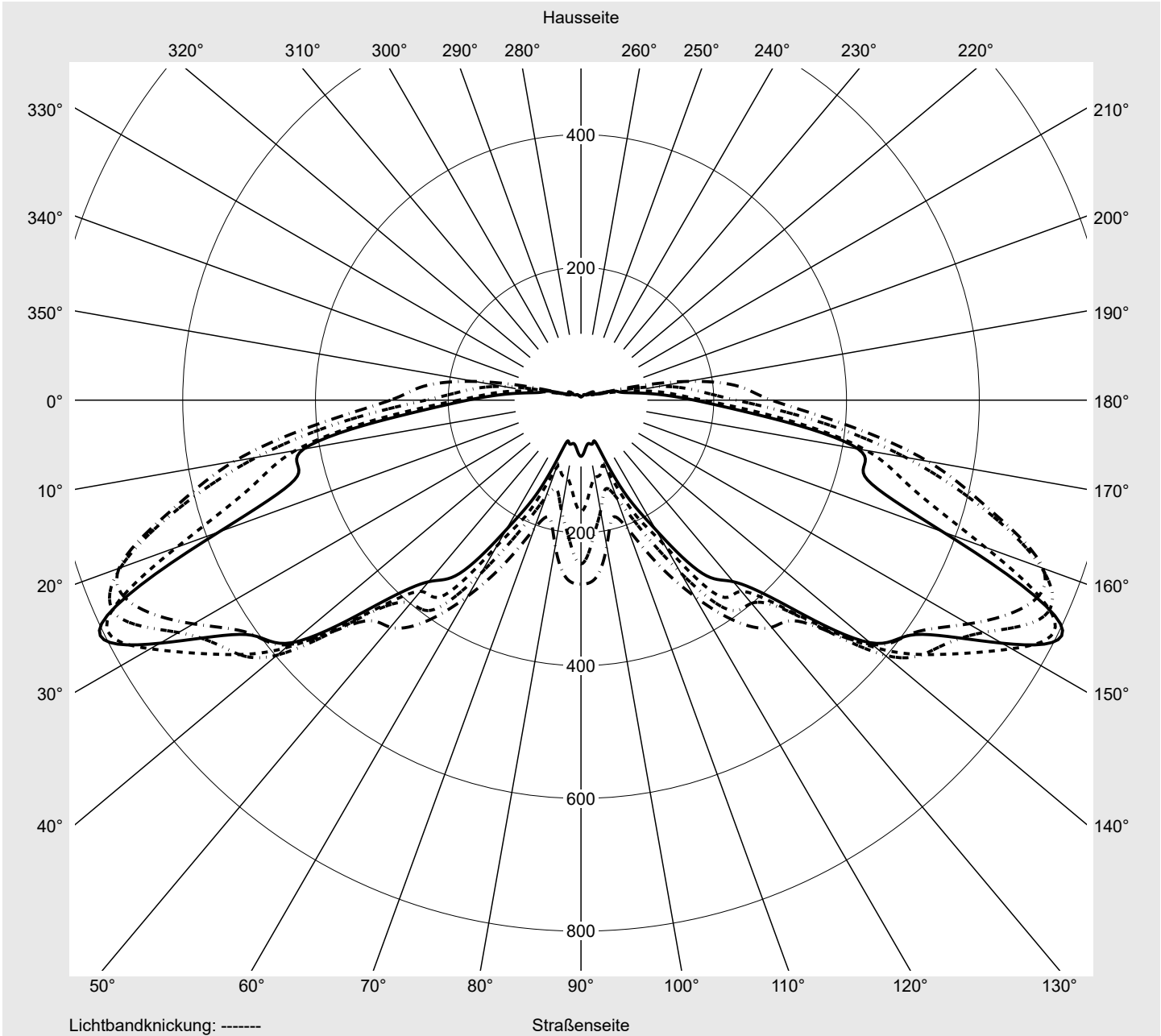
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

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**Kegelmantelkurven in cd/klm**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **siteco**



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<b>Familie</b> <b>KLEINE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1573E1B108</b> <b>EAN: 4058352167977</b>	<b>LP-Nummer</b> <b>57649_9</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>sitEco</b>

C- Ebenen	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°
γ	Lichtstärke in cd/klm												
0,0°	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9
2,5°	164.9	164.8	164.5	165.1	163.4	160.9	160.7	162.9	162.3	161.6	161.5	161.0	162.7
5,0°	163.0	163.3	161.2	163.0	165.2	164.4	162.6	165.6	167.4	167.7	172.1	173.6	175.3
7,5°	175.6	179.4	180.6	176.7	176.1	176.0	175.2	173.5	176.8	178.4	181.0	185.1	192.7
10,0°	194.9	195.9	196.9	197.5	197.8	192.0	192.6	191.2	195.0	196.5	199.7	207.7	210.9
12,5°	188.3	195.5	204.1	210.1	216.4	222.0	223.9	226.4	223.1	217.8	220.0	224.4	228.6
15,0°	164.9	174.6	179.5	197.5	208.4	224.1	244.8	244.0	235.7	229.5	232.1	237.8	239.8
17,5°	162.3	160.5	165.9	180.1	192.6	210.3	217.2	223.2	227.4	230.9	225.2	228.4	236.0
20,0°	167.6	178.8	188.5	194.8	201.2	204.2	201.5	198.7	201.4	209.1	223.0	230.8	232.7
22,5°	170.4	198.7	209.0	210.6	210.9	209.7	207.6	203.7	205.7	203.4	207.6	222.9	240.9
25,0°	171.5	186.6	196.0	196.7	201.6	209.7	222.8	225.7	217.2	206.0	206.3	228.3	256.7
27,5°	186.7	191.1	204.8	202.5	202.4	208.5	227.9	245.4	251.4	238.7	229.7	246.4	273.6
30,0°	199.6	214.1	226.3	229.8	228.6	225.4	231.6	253.8	266.8	274.8	272.1	275.3	288.9
32,5°	214.3	219.5	229.9	235.6	248.6	254.0	261.8	270.1	280.7	295.0	319.4	313.3	305.8
35,0°	234.7	240.3	245.8	247.3	254.6	265.0	290.0	307.5	307.9	313.6	339.5	354.3	335.2
37,5°	254.5	276.3	277.7	281.6	287.1	288.6	295.2	333.0	338.3	337.4	347.6	383.0	366.3
40,0°	273.4	280.0	283.5	296.8	325.7	332.3	335.1	337.8	368.3	389.1	371.0	391.5	388.0
42,5°	294.2	289.7	294.5	307.7	337.9	349.9	380.8	383.4	387.4	420.2	411.7	411.6	407.3
45,0°	309.8	301.5	332.6	349.0	370.5	354.1	386.7	421.6	434.2	435.4	437.7	436.4	432.9
47,5°	317.6	328.3	380.7	410.0	414.2	382.1	416.9	450.9	465.5	458.6	442.0	455.0	433.6
50,0°	313.2	338.0	439.5	440.4	477.4	439.0	492.8	503.7	467.6	447.2	441.8	451.3	426.2
52,5°	321.4	342.6	441.6	470.9	533.3	507.3	554.9	554.1	472.4	434.6	450.6	453.3	421.6
55,0°	332.2	356.9	442.9	516.4	601.9	577.2	615.6	590.7	526.2	468.4	469.6	451.0	402.2
57,5°	329.6	390.9	488.2	597.9	690.8	668.2	649.6	582.9	561.9	494.5	470.7	444.7	392.8
60,0°	287.0	392.6	530.4	637.8	740.6	737.3	674.2	611.3	572.9	473.4	446.7	406.8	340.9
62,5°	233.7	355.2	496.6	625.9	738.5	769.9	700.2	652.6	597.8	457.2	399.6	384.8	300.7
65,0°	184.2	298.2	437.0	517.9	648.2	787.6	749.1	667.6	580.6	453.1	376.1	358.5	253.7
67,5°	170.5	275.3	424.1	442.5	580.0	796.9	732.3	615.7	568.5	437.4	357.1	318.6	225.8
70,0°	197.3	309.6	444.3	463.4	541.2	719.4	674.9	560.3	501.1	382.0	320.0	277.1	183.9
72,5°	210.9	347.6	434.5	472.2	530.9	612.9	603.1	473.5	383.8	294.0	251.7	215.8	145.0
75,0°	146.6	297.8	357.5	393.3	487.2	506.2	499.9	337.1	254.5	207.3	189.0	180.2	115.8
77,5°	119.0	205.3	238.0	263.6	322.0	314.8	279.1	185.5	157.4	130.1	149.5	147.2	97.4
80,0°	61.6	88.3	107.7	140.7	137.2	154.2	147.4	115.0	104.5	67.1	64.3	64.5	42.9
82,5°	33.8	44.0	52.4	65.5	55.2	51.2	75.0	82.7	67.4	35.2	24.2	14.9	9.5
85,0°	10.1	14.5	15.0	18.2	14.0	20.0	33.0	37.1	20.9	14.0	7.4	5.8	4.3
87,5°	5.0	4.8	4.8	4.5	5.6	7.7	10.6	11.4	8.7	5.5	3.8	3.3	2.8
90,0°	2.2	2.5	2.3	2.2	2.6	3.4	2.6	2.8	2.1	2.0	1.9	1.8	1.7
92,5°	1.7	1.7	1.5	1.5	1.5	1.5	1.9	1.7	1.8	1.8	1.8	1.4	1.3
95,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.0
97,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9	2.6	5.4	5.7	1.2
100,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	3.4	4.4	5.4	0.9
102,5°	1.5	1.5	1.4	1.3	1.5	1.3	1.1	1.0	1.0	1.0	1.3	3.4	3.3
105,0°	1.3	1.3	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	3.8
107,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	0.4	0.6	0.5	0.5	0.5
110,0°	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.5	0.5	0.5	0.5	0.5
112,5°	1.0	1.0	1.0	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

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

C- Ebenen	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	Lichtstärke in cd/klm												
0,0°	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9
2,5°	160.3	160.7	159.2	165.5	163.7	161.6	166.2	163.9	164.5	166.1	167.3	168.1	167.5
5,0°	175.4	180.0	183.0	183.2	183.4	181.2	162.3	160.4	161.6	162.3	164.0	164.5	165.9
7,5°	192.9	192.0	193.5	196.1	199.9	201.4	172.2	168.6	169.6	167.9	169.6	166.8	159.3
10,0°	215.8	215.0	220.4	224.5	226.8	226.8	189.6	186.7	180.8	178.3	177.3	169.6	161.9
12,5°	233.5	241.6	246.2	249.9	255.2	262.5	181.7	174.0	165.6	162.6	156.4	149.6	145.1
15,0°	249.4	260.1	270.9	283.6	283.2	293.2	155.9	150.1	142.2	135.8	128.4	122.6	120.7
17,5°	248.9	264.6	287.0	307.0	320.4	324.6	161.6	151.5	138.9	123.6	114.0	104.3	100.5
20,0°	241.5	263.3	283.8	304.2	323.8	328.5	163.9	156.8	145.5	119.3	105.0	94.5	88.5
22,5°	255.8	269.1	279.6	295.5	307.3	313.9	155.8	143.6	128.2	116.2	100.1	87.6	78.7
25,0°	262.9	272.2	284.5	293.9	295.4	298.1	147.4	127.3	122.5	112.9	99.3	81.3	64.8
27,5°	287.6	289.2	294.4	293.3	296.4	292.3	167.1	141.5	121.2	112.5	98.4	78.0	54.5
30,0°	310.8	306.4	305.1	302.1	305.2	304.4	182.5	158.1	129.0	114.8	99.4	71.9	46.6
32,5°	322.6	321.3	305.5	311.8	308.4	302.8	192.8	164.4	140.7	118.2	100.0	64.4	36.5
35,0°	341.9	334.0	315.6	307.6	323.7	314.3	218.8	177.6	147.3	125.0	95.2	50.8	30.2
37,5°	350.4	341.9	319.9	312.6	317.6	320.6	243.5	200.7	158.1	133.7	87.7	41.1	33.0
40,0°	376.6	356.1	324.9	316.3	328.7	336.3	258.1	208.6	167.9	132.3	74.3	37.2	35.8
42,5°	389.9	349.3	322.2	327.8	331.1	338.1	282.9	219.8	173.5	131.1	61.6	40.1	40.0
45,0°	408.1	345.0	323.4	340.0	332.2	326.6	307.0	236.1	174.2	119.7	50.9	44.5	43.8
47,5°	410.0	331.8	328.3	335.3	344.1	333.8	316.8	244.4	178.8	102.5	42.6	44.9	44.8
50,0°	387.0	325.7	320.6	323.1	338.7	327.6	313.4	236.8	173.7	75.6	35.3	40.4	37.6
52,5°	357.7	312.5	314.7	321.1	330.4	319.6	310.9	236.4	167.9	54.8	30.2	34.1	31.0
55,0°	315.3	282.0	280.7	305.0	320.1	321.0	315.1	231.6	149.3	36.1	26.1	26.7	27.1
57,5°	278.7	230.7	241.1	269.0	297.1	296.6	295.7	197.0	111.7	29.3	22.5	24.4	24.4
60,0°	270.9	206.5	183.5	223.4	267.4	277.2	238.5	162.4	71.5	27.8	19.2	21.5	22.0
62,5°	216.3	155.9	139.7	169.6	208.8	246.7	172.5	118.5	50.6	28.0	18.9	18.8	19.5
65,0°	185.7	109.0	114.4	119.0	141.1	167.6	128.4	80.0	43.3	27.1	19.6	19.1	17.2
67,5°	151.7	73.4	67.9	66.3	73.9	84.7	108.9	65.9	52.7	30.6	21.6	18.7	14.9
70,0°	117.5	58.4	43.6	25.6	32.1	31.1	121.9	69.9	60.8	33.5	20.4	16.0	13.3
72,5°	76.8	53.7	19.1	9.9	11.6	10.4	112.6	70.1	61.6	31.7	21.2	14.5	13.0
75,0°	55.1	27.1	11.9	7.4	7.2	6.7	66.7	56.7	48.5	30.9	26.9	18.5	14.3
77,5°	39.7	9.4	6.8	5.9	5.9	5.2	53.9	41.7	35.7	31.4	26.3	21.9	15.5
80,0°	16.1	6.4	5.4	5.0	4.9	4.6	37.5	33.4	35.0	27.4	19.6	18.1	14.4
82,5°	6.7	4.3	3.9	3.8	3.6	4.1	26.1	25.1	25.9	17.5	15.2	13.4	11.6
85,0°	3.3	2.8	2.8	2.8	2.9	3.0	10.3	11.5	14.5	13.1	11.1	11.2	7.2
87,5°	2.2	1.8	1.8	1.8	1.8	2.1	4.7	5.8	6.5	9.2	8.0	6.9	5.3
90,0°	1.3	1.1	1.0	1.0	1.0	1.0	2.5	2.5	2.3	2.2	2.3	2.3	2.0
92,5°	1.1	1.0	0.7	0.8	0.8	0.5	1.6	1.9	1.8	1.8	1.8	1.8	1.8
95,0°	1.0	0.8	0.5	0.5	0.5	0.5	1.5	1.5	1.7	1.8	1.9	1.8	1.7
97,5°	1.1	0.5	0.5	0.5	0.5	0.5	1.5	1.5	1.5	1.7	1.8	1.8	1.8
100,0°	0.8	0.5	0.5	0.5	0.5	0.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
102,5°	0.8	0.5	0.5	0.5	0.5	0.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
105,0°	0.6	0.5	0.5	0.5	0.5	0.5	1.2	1.5	1.5	1.5	1.5	1.5	1.5
107,5°	0.5	0.5	0.5	0.5	0.5	0.5	1.3	1.3	1.3	1.4	1.5	1.5	1.5
110,0°	0.5	0.5	0.5	0.5	0.3	0.5	1.0	1.0	1.0	1.0	1.0	1.2	1.4
112,5°	0.6	0.5	0.4	0.3	0.0	0.2	1.0	1.0	1.0	1.3	1.0	1.1	1.1

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

C- Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	0.3	0.3
2,5°	168.3	169.1	171.3	173.3	170.0	173.1	173.8	174.1	171.8	172.1	168.5	2.0	2.2
5,0°	167.1	168.5	173.3	177.1	177.0	176.6	173.2	175.3	171.5	173.0	168.2	4.1	6.3
7,5°	156.2	157.6	160.5	162.0	166.5	169.9	173.9	176.1	177.5	177.9	176.7	6.3	12.6
10,0°	153.8	148.3	151.2	150.0	149.6	155.0	157.0	162.5	165.3	166.2	159.9	8.8	21.4
12,5°	137.1	134.7	134.0	133.7	136.0	138.5	143.1	141.8	138.0	134.7	131.6	11.1	32.5
15,0°	118.3	111.3	110.1	103.1	105.4	108.8	116.8	123.0	121.9	115.0	113.2	12.7	45.2
17,5°	93.6	85.8	83.1	77.1	77.2	76.2	81.9	86.4	85.4	84.7	86.3	13.8	59.0
20,0°	82.2	69.6	65.5	58.3	58.7	57.4	55.7	54.7	52.9	56.5	58.4	14.9	73.9
22,5°	63.1	54.1	52.1	48.3	47.9	44.8	45.0	39.6	36.9	36.4	40.7	16.2	90.1
25,0°	48.0	40.7	37.7	39.8	38.1	36.2	35.2	29.9	26.4	26.2	26.6	17.4	107.5
27,5°	36.7	30.9	32.3	32.8	31.7	29.4	27.0	23.0	20.8	20.2	19.6	19.6	127.2
30,0°	30.0	28.9	28.1	27.8	26.1	23.5	22.3	19.4	17.9	17.3	16.8	22.5	149.7
32,5°	28.3	27.8	26.7	24.1	22.2	18.4	17.7	16.3	15.6	15.1	14.8	25.4	175.1
35,0°	29.1	27.9	24.6	22.6	20.3	17.1	15.7	14.6	13.9	12.8	12.8	28.7	203.8
37,5°	30.4	26.2	22.9	21.4	19.3	16.6	14.4	13.5	12.5	11.7	11.2	32.3	236.1
40,0°	32.2	24.0	21.8	19.8	17.2	14.9	13.3	12.3	11.5	10.7	10.4	35.9	272.0
42,5°	33.8	23.9	21.3	18.0	15.9	13.6	12.6	11.7	10.8	10.2	10.2	39.6	311.6
45,0°	34.1	25.0	19.1	16.1	14.5	12.8	11.6	10.9	10.3	9.9	10.3	43.4	355.0
47,5°	33.1	22.1	16.5	14.9	13.3	12.4	11.5	10.6	9.7	9.7	10.1	47.2	402.1
50,0°	27.7	20.3	14.9	13.4	12.6	12.1	11.3	9.7	8.9	8.8	9.2	50.1	452.3
52,5°	24.1	18.2	13.8	12.4	11.8	11.4	10.4	9.2	8.4	7.7	7.8	52.9	505.1
55,0°	21.4	16.6	13.1	11.9	11.0	10.3	9.8	8.7	7.9	7.2	7.1	55.8	561.0
57,5°	18.3	14.6	11.9	10.9	10.1	9.4	8.9	7.8	7.1	6.9	7.2	58.1	619.0
60,0°	17.1	13.3	10.6	10.2	9.6	8.9	7.7	7.3	6.6	6.6	6.1	58.1	677.1
62,5°	15.5	11.9	10.3	10.2	9.0	8.3	7.7	6.6	6.2	5.7	6.2	55.7	732.8
65,0°	13.4	11.1	10.6	9.9	9.0	7.7	7.3	6.2	5.6	5.6	5.6	51.7	784.5
67,5°	12.2	10.9	10.4	10.2	8.9	7.4	6.3	6.0	5.1	5.3	5.1	48.0	832.5
70,0°	12.0	10.7	10.2	9.7	8.7	7.1	5.9	5.0	4.6	5.0	4.7	45.0	877.4
72,5°	11.6	10.1	9.6	8.9	7.9	6.6	5.4	4.8	4.6	4.6	4.2	40.3	917.8
75,0°	11.6	10.0	8.8	8.0	6.9	6.1	4.9	4.3	4.1	4.0	4.2	32.5	950.3
77,5°	10.6	9.7	8.1	7.1	6.1	5.1	4.3	4.0	3.6	3.6	3.6	22.1	972.3
80,0°	10.1	8.0	6.8	6.2	5.2	4.1	3.6	3.5	3.1	3.1	3.1	11.8	984.2
82,5°	8.4	6.4	5.8	5.0	4.3	3.1	3.0	2.8	2.7	2.9	2.8	6.2	990.3
85,0°	5.4	4.5	4.1	3.6	3.1	2.6	2.4	2.3	2.6	2.5	2.5	2.6	992.9
87,5°	3.7	3.2	2.8	2.5	2.1	1.9	1.8	2.0	2.1	2.2	2.2	1.2	994.2
90,0°	2.0	2.0	1.7	1.8	1.5	1.4	1.4	1.5	1.5	2.1	1.8	0.5	994.7
92,5°	1.8	1.8	1.8	1.8	1.6	1.4	1.3	1.5	2.1	2.0	1.6	0.4	995.1
95,0°	2.1	2.2	3.3	4.6	3.5	1.8	1.5	1.7	2.1	2.1	1.5	0.5	995.6
97,5°	2.3	2.9	4.2	5.1	4.6	2.6	2.0	1.5	1.8	1.6	1.5	0.6	996.1
100,0°	1.8	1.9	2.7	4.4	4.1	2.7	1.5	1.5	1.5	1.5	1.5	0.5	996.6
102,5°	1.5	3.0	5.9	5.9	3.5	1.6	1.5	1.5	1.5	1.5	1.5	0.5	997.1
105,0°	1.8	3.1	5.3	5.7	3.4	2.0	1.5	1.5	1.5	1.5	1.5	0.4	997.5
107,5°	1.6	2.8	4.4	5.3	3.5	1.6	1.4	1.2	1.1	1.0	1.0	0.3	997.9
110,0°	1.5	2.0	3.1	3.3	2.5	1.2	1.0	1.0	1.0	1.0	1.0	0.3	998.1
112,5°	1.6	1.2	1.6	1.3	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2	998.4

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>KLEINE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1573E1B108</b> <b>EAN: 4058352167977</b>	<b>LP-Nummer</b> <b>57649_9</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	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°
γ	Lichtstärke in cd/klm												
115,0°	1.0	1.0	1.0	1.0	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
117,5°	1.0	1.0	1.0	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.2
120,0°	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3
122,5°	1.0	1.0	1.1	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
125,0°	1.0	0.9	1.1	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.4
127,5°	1.0	1.0	1.0	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.5
130,0°	1.0	1.0	0.9	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3
132,5°	1.0	1.0	0.9	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
135,0°	1.0	1.0	0.9	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
180,0°	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>KLEINE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1573E1B108</b> <b>EAN: 4058352167977</b>	<b>LP-Nummer</b> <b>57649_9</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	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	Lichtstärke in cd/klm												
115,0°	0.5	0.5	0.3	0.2	0.0	0.0	1.0	1.2	1.0	1.0	1.2	1.2	1.5
117,5°	0.4	0.1	0.3	0.2	0.1	0.0	1.0	1.0	1.0	1.1	1.3	1.3	1.4
120,0°	0.3	0.2	0.0	0.3	0.1	0.0	1.0	1.0	1.0	1.0	1.4	1.2	1.4
122,5°	0.5	0.4	0.3	0.2	0.2	0.0	1.0	1.0	1.0	1.2	1.4	1.5	1.4
125,0°	0.1	0.0	0.2	0.1	0.2	0.0	1.0	1.0	1.0	1.1	1.0	1.5	1.3
127,5°	0.5	0.1	0.4	0.3	0.1	0.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5
130,0°	0.4	0.2	0.2	0.5	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.2	1.0
132,5°	0.5	0.3	0.3	0.3	0.2	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.2
135,0°	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
180,0°	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>KLEINE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1573E1B108</b> <b>EAN: 4058352167977</b>	<b>LP-Nummer</b> <b>57649_9</b>
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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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C- Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
$\gamma$	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	1.6	1.4	1.5	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.2	998.6
117,5°	1.5	1.5	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	0.2	998.8
120,0°	1.4	1.5	1.2	1.1	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.0
122,5°	1.5	1.2	1.3	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.2
125,0°	1.6	1.3	1.5	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.3
127,5°	1.5	1.5	1.6	1.4	1.3	1.2	1.0	1.0	1.0	1.0	1.0	0.2	999.5
130,0°	1.3	1.2	1.3	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2	999.7
132,5°	1.3	1.4	1.5	1.3	1.4	1.1	1.2	1.0	1.0	1.0	1.0	0.2	999.9
135,0°	1.2	1.5	1.2	1.6	1.4	1.0	1.0	1.0	1.0	1.0	1.0	0.2	1000.0
137,5°	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
140,0°	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
142,5°	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
145,0°	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
147,5°	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
150,0°	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
152,5°	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
155,0°	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
157,5°	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
160,0°	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
162,5°	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
165,0°	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
167,5°	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
170,0°	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
172,5°	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
175,0°	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
177,5°	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
180,0°	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> <b>KLEINE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1573E1B108</b> <b>EAN: 4058352167977</b>	<b>LP-Nummer</b> <b>57649_9</b>
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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>siteco</b>
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Lichtstrom [%]	Dimmstufe linear	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	1640	13.2	13.6	13.4
95	241	1556	12.6	12.9	12.8
90	229	1479	12.0	12.3	12.2
85	216	1395	11.3	11.6	11.4
80	203	1311	10.7	10.9	10.8
75	190	1227	10.1	10.3	10.2
70	178	1149	9.5	9.7	9.6
65	165	1065	8.9	9.1	9.0
60	152	981	8.3	8.5	8.4
55	140	904	7.8	7.9	7.8
50	127	820	7.2	7.3	7.2
45	114	736	6.6	6.8	6.7
40	102	659	6.1	6.2	6.2
35	89	575	5.6	5.6	5.6
30	76	491	5.0	5.1	5.0
25	63	407	4.3	4.4	4.4
20	51	329	3.5	3.6	3.6
15	39	252	2.8	2.9	2.8