

Lichttechnischer Prüfbefund

Familie
KLEINE GLOCKE LED

Bestell-Nr.: **5XA1575E1F108**
EAN: **4069025073877**

LP-Nummer
59561_23

**Ausführung**

Optik direkt, symmetrisch breit strahlend
S120005

Abdeckung Abdeckwanne, klar

Bestückung LED 3000 K | CRI \geq 70

Betriebsgerät EVG SITECO iQ

Bemessungswerte Nettolichtstrom = 3220 lm
Systemleistung = 20.1 W
Lichtausbeute = 160.2 lm/W

Seriendokumentation
08.04.2025

siteco

Lichtstärke in cd/klm

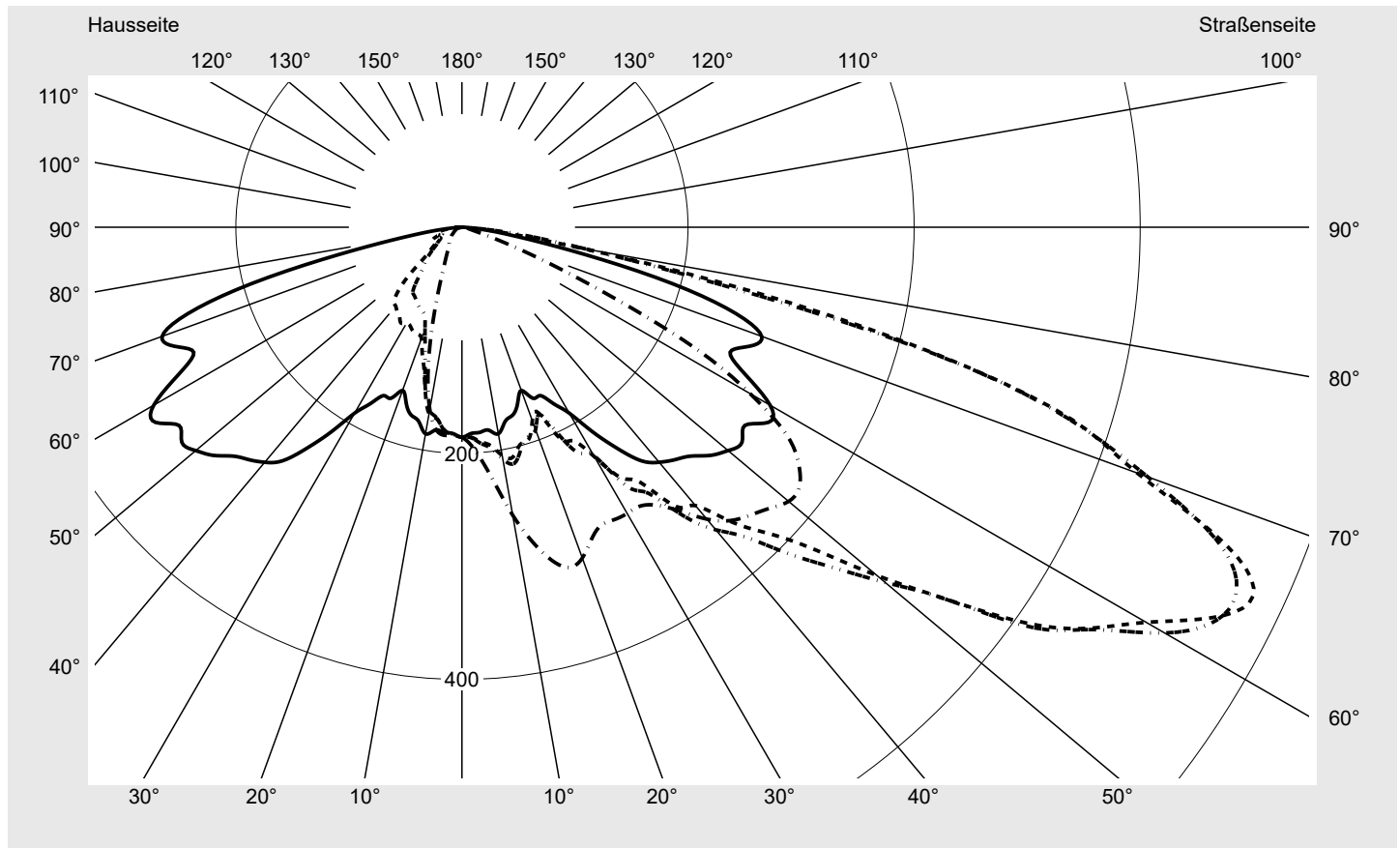
C180-0

C205-25

C210-30

C270-90

Imax: 772 cd/klm

**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	99.5%
Eta 90° - 180°	0.5%

Lichtstärkeklasse nach EN13201-2

Klasse:	G2
Imax 70°	645.7
Imax 80°	114.9
Imax 90°	2.1
Imax >90°	5.4
Imax >95°	5.4

Messbedingungen

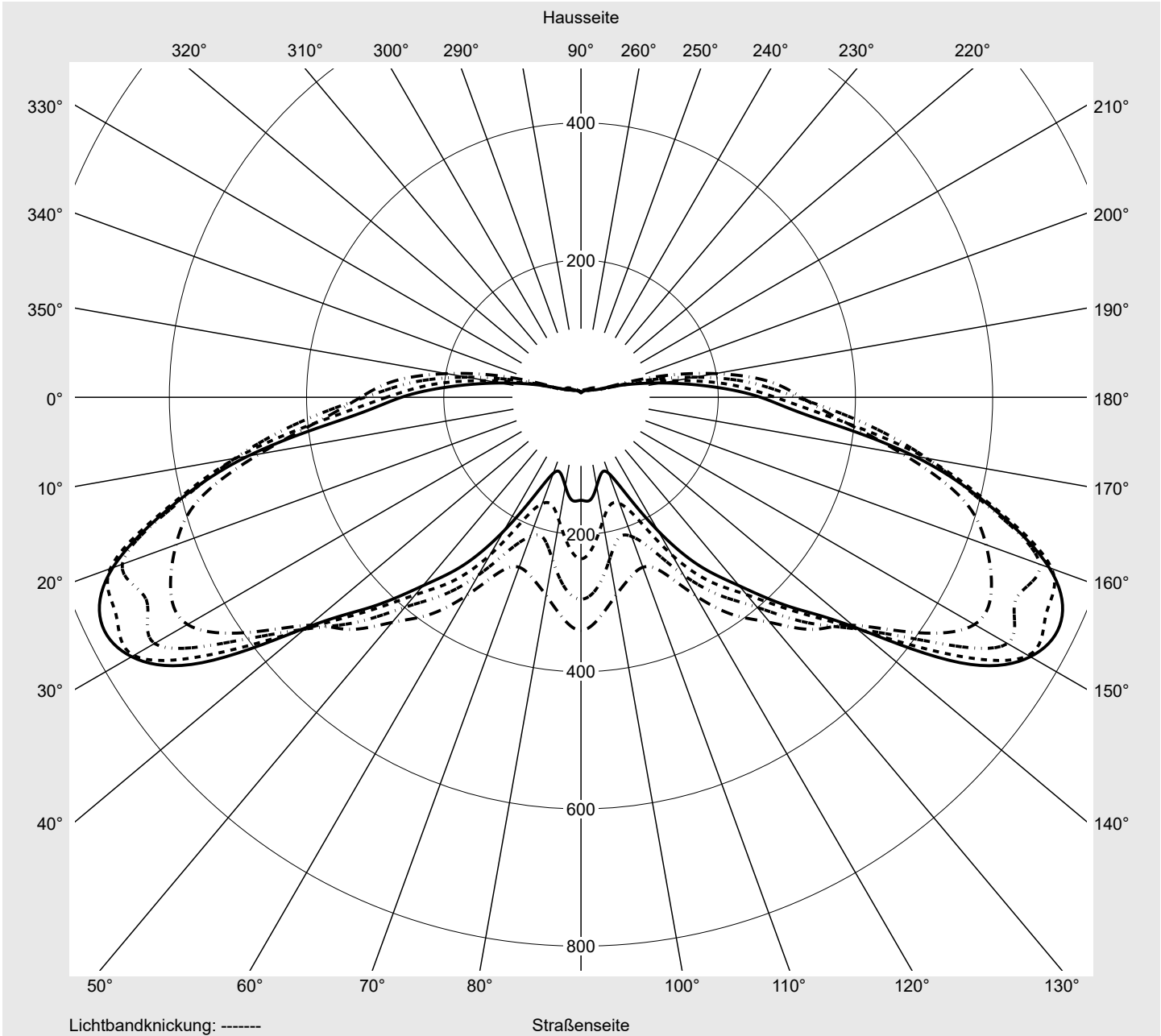
DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°**



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Familie KLEINE GLOCKE LED	Bestell-Nr.: 5XA1575E1F108 EAN: 4069025073877	LP-Nummer 59561_23
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7
2,5°	182.6	183.6	184.3	184.6	185.2	185.9	186.3	187.4	188.0	188.9	189.7	189.6	189.8
5,0°	182.1	184.3	185.7	187.1	188.7	190.6	191.9	193.8	195.6	197.3	198.7	199.9	201.1
7,5°	181.0	183.8	187.2	189.9	193.2	194.8	197.1	200.0	203.7	206.9	210.5	213.9	217.2
10,0°	185.6	189.7	195.0	198.8	203.0	205.0	208.2	210.8	213.2	218.1	223.4	228.7	235.2
12,5°	176.1	183.0	190.6	197.0	203.3	208.3	214.0	218.5	222.7	226.0	229.4	235.3	243.8
15,0°	172.3	178.7	185.0	190.8	195.0	199.0	202.6	209.9	217.3	223.0	225.9	231.7	240.1
17,5°	163.6	173.0	181.5	189.5	194.2	196.6	194.6	194.0	196.6	203.2	211.3	220.6	232.2
20,0°	153.7	159.7	164.2	171.5	176.6	182.1	190.5	190.4	189.5	189.7	198.6	214.2	227.7
22,5°	163.7	172.2	179.1	180.6	180.5	178.2	179.3	187.1	194.8	195.1	199.5	215.0	233.2
25,0°	164.3	171.8	179.8	192.4	202.3	206.7	202.1	197.7	196.6	208.1	217.5	226.2	244.0
27,5°	176.2	191.1	200.7	203.1	202.3	212.8	225.6	229.2	219.3	218.5	237.2	248.0	259.2
30,0°	189.9	210.9	219.8	235.3	238.7	234.4	232.9	245.2	260.4	251.5	256.9	276.2	279.7
32,5°	214.1	229.0	236.0	236.6	245.7	263.0	271.6	270.9	282.0	297.0	290.9	296.7	308.1
35,0°	238.2	253.5	268.0	274.0	273.2	275.8	287.1	313.1	310.6	319.3	331.6	319.9	328.8
37,5°	260.3	270.0	278.7	282.1	292.2	311.5	321.7	327.4	352.7	349.2	355.4	356.2	347.5
40,0°	271.4	279.5	289.2	302.0	310.8	321.4	349.4	365.5	370.2	387.3	376.5	382.7	373.7
42,5°	278.9	280.7	294.3	314.1	329.5	353.8	371.9	386.7	410.7	410.3	414.2	400.2	394.7
45,0°	286.3	288.0	316.9	346.7	373.0	382.8	408.3	411.2	432.1	446.5	437.0	424.6	404.3
47,5°	298.7	308.8	336.8	375.1	403.0	421.0	445.6	433.5	448.2	458.2	455.8	437.1	408.8
50,0°	307.4	328.6	370.0	404.8	429.7	479.2	488.7	452.3	465.0	477.3	460.5	433.6	401.4
52,5°	312.3	337.8	404.6	467.4	495.3	540.8	541.3	500.5	487.2	486.0	456.0	420.4	381.5
55,0°	305.6	360.9	422.4	516.3	547.9	610.9	617.7	541.6	509.4	489.6	442.8	400.9	351.3
57,5°	321.3	380.8	476.1	576.6	628.1	660.0	662.3	598.2	516.9	478.5	428.4	387.2	333.7
60,0°	314.8	410.0	512.1	614.4	711.5	699.0	717.8	621.0	525.8	464.1	399.7	352.2	299.3
62,5°	283.1	376.0	510.3	624.9	730.1	748.0	752.7	651.9	525.6	441.3	375.7	327.6	265.6
65,0°	261.8	341.5	492.6	619.6	726.3	772.1	756.3	674.5	522.0	432.3	358.7	298.7	225.1
67,5°	275.2	330.8	450.3	566.4	659.1	729.8	722.4	657.6	515.7	414.8	332.1	268.3	191.9
70,0°	282.2	351.9	428.8	520.2	597.0	635.8	645.7	599.9	471.3	393.8	294.5	228.7	161.3
72,5°	254.3	354.8	396.1	468.1	535.3	565.9	561.9	509.0	399.4	320.8	231.8	175.4	128.3
75,0°	192.6	276.9	320.2	377.4	414.5	435.7	431.7	365.0	284.1	234.4	191.6	149.3	116.5
77,5°	111.4	150.4	202.5	219.9	238.5	264.7	234.2	209.8	173.7	158.4	139.5	120.6	92.2
80,0°	55.5	75.6	103.6	101.6	105.6	108.9	112.9	114.9	96.6	73.2	56.7	49.4	38.3
82,5°	27.9	34.2	45.4	41.3	36.3	39.7	58.7	61.6	52.3	27.6	16.9	9.5	6.4
85,0°	10.8	11.9	12.3	11.1	8.6	14.4	21.2	18.5	13.7	8.6	5.4	4.8	3.7
87,5°	4.7	4.5	4.4	4.8	5.9	5.6	6.2	5.8	4.1	3.4	2.7	2.7	2.0
90,0°	1.7	1.9	1.7	1.7	1.5	1.7	2.0	1.7	1.4	1.3	1.3	1.2	1.2
92,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.2	1.2	1.1	0.8
95,0°	1.3	1.3	1.3	1.2	1.2	1.1	1.3	1.2	1.0	1.0	1.1	1.0	0.8
97,5°	1.3	1.3	1.2	1.2	1.0	1.1	1.1	1.0	1.0	1.0	1.3	1.6	0.8
100,0°	1.3	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.2	2.7	0.7
102,5°	1.2	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.8	0.7	1.0	1.0
105,0°	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
107,5°	1.0	1.0	1.0	0.9	0.7	0.7	0.7	0.7	0.5	0.5	0.6	0.5	0.4
110,0°	1.0	1.0	0.8	0.8	0.7	0.7	0.7	0.4	0.3	0.3	0.3	0.3	0.3
112,5°	1.0	1.0	0.8	0.7	0.7	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7
2,5°	190.3	191.4	192.2	192.8	193.3	193.4	182.1	182.0	182.4	183.2	183.6	183.4	184.0
5,0°	202.7	203.6	205.2	206.1	207.6	208.1	180.5	179.6	178.9	179.0	179.8	180.3	180.4
7,5°	220.8	224.7	227.3	229.6	230.7	230.3	178.7	175.5	173.6	171.9	170.9	170.2	169.9
10,0°	241.2	247.4	252.4	256.1	258.4	258.6	180.4	175.4	171.9	169.2	167.4	165.0	163.8
12,5°	253.0	262.2	270.7	278.1	282.1	283.9	169.4	162.1	157.3	152.6	149.4	148.9	148.7
15,0°	254.4	269.4	283.3	295.0	301.7	304.5	163.3	154.5	145.7	136.1	129.5	126.0	123.8
17,5°	247.4	267.0	286.2	301.8	312.5	315.6	154.5	145.6	138.0	126.8	116.8	108.3	105.7
20,0°	243.9	263.1	282.2	297.2	307.5	311.4	144.4	132.9	124.0	116.0	104.6	95.5	90.7
22,5°	247.4	261.9	278.1	289.3	297.2	299.1	155.3	144.4	127.9	115.9	102.5	85.6	80.4
25,0°	258.5	267.5	277.0	285.3	290.0	291.0	155.4	141.5	127.5	114.8	101.9	82.4	72.1
27,5°	275.9	280.7	281.2	285.5	289.6	291.6	168.0	150.1	131.4	116.5	98.8	80.6	68.9
30,0°	289.5	290.9	285.7	288.2	292.4	292.3	175.4	161.2	138.5	120.5	98.0	78.2	65.4
32,5°	303.1	301.2	291.9	292.5	294.4	292.6	190.6	173.4	146.7	122.5	100.4	75.8	60.8
35,0°	321.9	311.0	302.0	301.7	302.6	300.2	212.2	187.0	160.2	128.4	96.2	73.6	55.5
37,5°	347.8	325.7	316.8	316.6	317.9	316.3	229.7	198.8	160.6	132.0	94.1	71.1	47.0
40,0°	365.1	338.0	328.9	330.0	335.5	337.1	239.4	205.5	164.0	131.5	91.2	62.2	41.7
42,5°	370.2	346.2	341.3	344.1	350.7	351.9	248.2	213.3	167.6	126.2	88.9	53.2	41.0
45,0°	376.3	350.4	349.0	355.9	359.7	360.4	257.5	218.3	174.0	119.6	79.5	47.5	42.2
47,5°	375.7	350.5	355.3	363.2	369.8	368.3	259.5	215.4	170.1	111.2	65.3	43.1	39.9
50,0°	369.2	345.0	348.1	362.2	373.9	377.3	265.3	212.4	162.2	97.9	47.8	37.7	34.6
52,5°	348.6	332.0	333.3	349.5	367.8	376.5	265.4	212.9	150.6	84.7	37.3	32.6	30.2
55,0°	315.1	306.8	310.1	325.5	349.2	363.4	263.9	209.2	141.6	72.4	32.6	28.1	26.7
57,5°	281.3	263.7	273.1	293.2	321.1	339.7	273.0	198.8	118.1	48.6	28.5	25.7	24.1
60,0°	244.8	215.9	212.2	239.9	277.7	294.4	247.3	168.9	91.6	36.4	26.7	22.9	21.6
62,5°	195.9	164.9	162.9	183.2	216.0	235.6	216.3	139.5	77.5	39.2	27.6	21.2	19.3
65,0°	155.3	117.9	114.7	131.6	150.5	150.2	186.0	120.1	72.9	43.5	27.3	21.7	18.3
67,5°	123.1	81.8	72.4	77.5	85.0	84.0	187.6	112.8	69.0	41.1	27.6	23.1	17.7
70,0°	94.8	58.5	41.8	36.1	37.2	41.1	187.5	113.3	67.4	36.1	23.6	19.5	16.2
72,5°	66.7	40.1	23.3	15.8	14.7	16.6	172.0	111.2	63.6	33.0	21.7	18.1	14.3
75,0°	49.3	25.9	14.4	9.4	8.7	8.4	133.3	91.3	55.3	30.7	23.3	18.1	14.2
77,5°	32.4	14.6	8.6	6.5	6.2	6.1	84.4	51.4	41.6	27.1	22.2	17.2	13.5
80,0°	12.2	6.6	5.6	5.1	4.8	4.7	48.4	36.0	31.6	24.5	19.0	16.7	13.5
82,5°	4.9	3.7	3.4	3.9	3.7	3.7	27.5	23.6	21.0	16.1	14.2	13.1	11.2
85,0°	2.6	2.1	2.2	2.2	2.6	2.7	10.5	12.3	13.7	13.7	12.7	10.3	7.7
87,5°	1.6	1.3	1.3	1.3	1.3	1.6	5.4	7.3	8.6	9.0	8.2	7.1	5.9
90,0°	0.8	0.8	0.8	0.7	0.7	0.7	2.0	2.0	2.0	2.1	1.9	1.9	1.8
92,5°	0.8	0.7	0.7	0.6	0.4	0.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
95,0°	0.6	0.6	0.3	0.4	0.3	0.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
97,5°	0.5	0.4	0.3	0.3	0.3	0.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100,0°	0.3	0.3	0.3	0.3	0.3	0.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
102,5°	0.3	0.3	0.3	0.3	0.3	0.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
105,0°	0.5	0.3	0.3	0.3	0.3	0.3	1.1	1.2	1.2	1.3	1.3	1.3	1.3
107,5°	0.3	0.3	0.3	0.3	0.3	0.3	1.0	1.2	1.2	1.3	1.3	1.3	1.3
110,0°	0.3	0.3	0.3	0.3	0.2	0.0	1.0	1.0	1.2	1.3	1.3	1.3	1.3
112,5°	0.2	0.3	0.3	0.3	0.1	0.0	1.0	1.0	1.1	1.2	1.3	1.3	1.3

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		siteco

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°	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	0.3	0.3
2,5°	184.2	184.3	184.6	184.5	184.2	183.9	183.7	183.7	184.2	184.2	184.0	2.2	2.5
5,0°	180.3	180.7	181.5	182.0	182.4	182.4	183.0	183.9	184.5	184.6	184.7	4.5	7.0
7,5°	170.5	170.5	171.3	173.4	174.9	175.8	177.4	178.5	178.9	179.4	179.7	6.8	13.9
10,0°	162.4	162.4	160.0	159.3	159.0	159.6	160.3	161.2	162.4	163.4	163.7	9.2	23.1
12,5°	148.4	147.2	144.0	141.0	137.3	136.7	137.0	138.0	138.5	139.1	139.1	11.2	34.3
15,0°	122.9	123.0	120.0	114.6	110.5	108.7	109.3	109.6	110.2	110.1	110.2	12.6	46.9
17,5°	101.6	100.8	97.2	90.0	85.1	83.6	83.6	83.6	83.4	83.2	83.1	13.6	60.5
20,0°	87.1	84.3	79.2	71.1	66.1	65.0	64.4	63.3	62.6	62.1	61.7	14.3	74.9
22,5°	76.3	71.8	64.1	55.7	53.3	51.8	50.6	49.3	48.0	47.0	46.9	15.7	90.6
25,0°	68.2	61.3	51.6	46.0	44.4	42.7	40.9	39.0	38.0	37.4	37.1	17.4	108.0
27,5°	62.3	51.4	42.5	40.1	38.2	36.0	34.0	32.2	31.2	30.8	30.7	19.7	127.7
30,0°	55.4	43.0	37.6	36.0	33.6	30.9	29.1	27.5	26.7	26.3	25.9	22.5	150.3
32,5°	46.2	36.6	34.8	32.5	30.2	27.6	25.7	24.4	23.3	22.8	22.4	25.6	175.9
35,0°	40.0	35.9	33.5	31.3	28.6	26.1	24.3	22.6	21.3	20.4	20.2	29.2	205.1
37,5°	38.0	35.6	32.8	30.2	28.1	25.5	23.4	21.7	20.4	19.1	18.5	32.9	238.0
40,0°	38.4	34.5	31.2	28.4	26.0	23.7	22.0	20.6	19.5	18.1	17.2	36.5	274.5
42,5°	37.8	32.1	27.8	25.1	22.8	20.7	19.3	18.0	17.1	15.5	14.6	39.9	314.4
45,0°	37.5	30.7	25.4	22.2	19.6	18.1	16.8	15.8	14.8	14.0	13.3	43.6	357.9
47,5°	34.9	28.6	23.3	20.1	18.1	16.4	15.3	14.3	13.5	13.0	12.8	46.8	404.7
50,0°	30.5	25.7	21.1	18.4	16.7	15.6	14.6	13.6	12.5	12.2	12.1	49.8	454.5
52,5°	26.9	22.9	19.2	16.9	15.6	14.5	13.7	12.5	11.5	11.0	11.0	52.8	507.3
55,0°	24.0	20.6	17.5	15.3	14.1	13.4	12.5	11.4	10.4	9.9	9.6	55.1	562.4
57,5°	21.2	18.3	15.7	14.1	13.0	12.2	11.5	10.5	9.6	8.9	8.8	57.2	619.6
60,0°	18.9	16.1	14.0	12.8	12.2	11.4	10.7	9.7	8.8	8.3	7.9	57.5	677.1
62,5°	16.7	14.5	13.3	12.5	11.6	10.5	9.9	9.1	8.2	7.6	7.3	56.1	733.2
65,0°	15.5	13.8	12.9	12.1	11.2	9.9	9.2	8.5	7.4	6.8	6.4	54.0	787.2
67,5°	15.3	13.5	12.3	11.4	9.9	8.7	8.0	7.4	6.7	6.2	6.1	50.5	837.7
70,0°	14.7	13.1	11.7	10.4	8.8	7.9	7.0	6.6	5.9	5.7	5.7	46.2	883.9
72,5°	12.6	11.5	10.5	9.3	8.0	7.0	6.2	5.6	5.2	5.1	4.9	40.6	924.5
75,0°	12.0	10.6	9.4	8.3	7.2	6.2	5.2	4.6	4.5	4.3	4.0	31.9	956.4
77,5°	11.0	9.5	8.0	7.1	6.2	5.4	4.4	4.1	3.9	3.7	3.7	20.1	976.6
80,0°	10.2	8.4	7.1	6.2	5.2	4.5	3.7	3.5	3.4	3.3	3.0	10.3	986.9
82,5°	9.3	7.5	6.2	5.5	4.3	3.4	2.9	2.7	2.7	2.7	2.7	4.9	991.9
85,0°	6.3	5.2	4.5	3.9	3.0	2.5	2.3	2.1	2.3	2.4	2.4	2.1	993.9
87,5°	4.5	3.5	3.1	2.7	2.2	1.8	1.5	1.6	1.8	2.0	2.0	1.1	995.0
90,0°	1.7	1.7	1.6	1.5	1.3	1.2	1.0	1.0	1.3	1.4	1.7	0.4	995.4
92,5°	1.4	1.3	1.3	1.3	1.2	1.1	1.0	1.1	1.4	1.7	1.7	0.3	995.8
95,0°	1.5	1.7	2.4	2.8	2.3	1.1	1.0	1.2	1.6	1.7	1.7	0.3	996.1
97,5°	1.7	2.3	3.6	4.0	3.5	1.6	1.1	1.2	1.5	1.7	1.3	0.4	996.5
100,0°	1.3	1.7	2.6	3.9	3.7	1.8	1.2	1.2	1.4	1.7	1.5	0.4	996.8
102,5°	1.3	2.5	5.3	5.4	3.2	1.3	1.2	1.2	1.3	1.3	1.3	0.4	997.2
105,0°	1.5	3.0	5.3	5.4	3.0	1.5	1.2	1.1	1.3	1.3	1.3	0.3	997.5
107,5°	1.4	2.5	4.6	5.0	2.9	1.4	1.1	1.0	1.0	1.0	1.0	0.3	997.8
110,0°	1.3	1.8	2.8	3.1	2.1	1.2	1.0	1.0	1.0	1.0	1.0	0.2	998.1
112,5°	1.3	1.3	1.3	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.2	998.3

Lichttechnischer Prüfbefund

Familie KLEINE GLOCKE LED	Bestell-Nr.: 5XA1575E1F108 EAN: 4069025073877	LP-Nummer 59561_23
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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	0.9	0.8	0.7	0.7	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.2
117,5°	1.0	1.0	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.0
120,0°	1.0	0.9	0.8	0.7	0.7	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.0
122,5°	1.0	1.0	0.8	0.7	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.1
125,0°	1.0	1.0	0.7	0.7	0.7	0.5	0.3	0.3	0.3	0.3	0.2	0.3	0.1
127,5°	1.0	0.9	0.7	0.7	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.1
130,0°	1.0	0.9	0.7	0.7	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
132,5°	1.0	0.8	0.7	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
135,0°	1.0	0.8	0.7	0.7	0.7	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.3
137,5°	0.9	0.8	0.7	0.7	0.7	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3
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

Familie KLEINE GLOCKE LED	Bestell-Nr.: 5XA1575E1F108 EAN: 4069025073877	LP-Nummer 59561_23
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	0.1	0.3	0.2	0.2	0.1	0.1	1.0	1.2	1.2	1.3	1.3	1.3	1.3
117,5°	0.0	0.2	0.2	0.1	0.0	0.0	1.0	1.1	1.2	1.3	1.3	1.3	1.3
120,0°	0.1	0.1	0.1	0.0	0.0	0.0	1.0	1.2	1.3	1.3	1.3	1.3	1.3
122,5°	0.0	0.2	0.1	0.0	0.0	0.0	1.0	1.1	1.2	1.3	1.3	1.3	1.3
125,0°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	1.3	1.3	1.3	1.3	1.3
127,5°	0.0	0.2	0.0	0.2	0.0	0.0	1.0	1.0	1.1	1.3	1.3	1.3	1.3
130,0°	0.2	0.2	0.2	0.1	0.1	0.0	1.0	1.0	1.0	1.1	1.3	1.3	1.3
132,5°	0.1	0.3	0.3	0.2	0.1	0.3	1.0	1.0	1.0	1.1	1.0	1.3	1.3
135,0°	0.3	0.3	0.3	0.3	0.2	0.3	1.0	1.0	1.0	1.0	1.0	1.2	1.2
137,5°	0.3	0.3	0.3	0.3	0.3	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.1
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

Familie KLEINE GLOCKE LED	Bestell-Nr.: 5XA1575E1F108 EAN: 4069025073877	LP-Nummer 59561_23
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.0	1.0	1.0	1.0	0.2	998.5
117,5°	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.0	1.0	1.0	1.0	0.2	998.7
120,0°	1.3	1.3	1.3	1.3	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.2	998.9
122,5°	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.0	1.0	0.2	999.0
125,0°	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.0	1.0	1.0	1.0	0.2	999.2
127,5°	1.3	1.3	1.3	1.3	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.2	999.4
130,0°	1.3	1.3	1.3	1.3	1.1	1.1	1.2	1.0	1.0	1.0	1.0	0.2	999.6
132,5°	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	1.0	1.0	1.0	0.2	999.7
135,0°	1.2	1.3	1.2	1.3	1.1	1.3	1.1	1.0	1.0	1.0	1.0	0.2	999.9
137,5°	1.0	0.6	1.2	1.2	1.0	1.1	1.0	1.0	1.0	1.0	1.0	0.1	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

Familie KLEINE GLOCKE LED	Bestell-Nr.: 5XA1575E1F108 EAN: 4069025073877	LP-Nummer 59561_23
Dimmstufen-Tabelle		Umgebungstemperatur: 25°C
siteco		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	3220	20.1	20.6	20.4
95	241	252	3055	19.0	19.4	19.2
90	229	250	2903	17.9	18.4	18.2
85	216	248	2738	16.9	17.2	17.0
80	203	246	2573	15.8	16.1	16.0
75	190	243	2409	14.8	15.2	15.0
70	178	241	2257	13.9	14.2	14.0
65	165	238	2092	12.9	13.1	13.0
60	152	235	1927	11.8	12.1	12.0
55	140	232	1775	11.0	11.2	11.1
50	127	229	1610	9.9	10.2	10.0
45	114	225	1445	9.0	9.2	9.1
40	102	221	1293	8.1	8.3	8.2
35	89	216	1128	7.3	7.4	7.4
30	76	210	963	6.3	6.5	6.4
25	63	203	799	5.5	5.6	5.6
20	51	195	647	4.7	4.8	4.8
16	41	187	520	4.0	4.1	4.0