

## Lichttechnischer Prüfbefund

Familie  
**GROSSE GLOCKE LED**

Bestell-Nr.: **5XA1565F1F108**  
EAN: **4069025123381**

LP-Nummer  
**59566\_5**



<b>Ausführung</b>	hängende Montage am Mastbogen oder Wandarm
<b>Optik</b>	direkt, asymmetrisch extrem breit strahlend P100006
<b>Abdeckung</b>	Abdeckwanne, klar
<b>Bestückung</b>	LED 3000 K   CRI ≥ 70
<b>Betriebsgerät</b>	EVG SITECO iQ
<b>Bemessungswerte</b>	Nettolichtstrom = 5070 lm Systemleistung = 34.3 W Lichtausbeute = 147.8 lm/W

Seriendokumentation  
**04.03.2024**

siteco

Lichtstärke in cd/klm

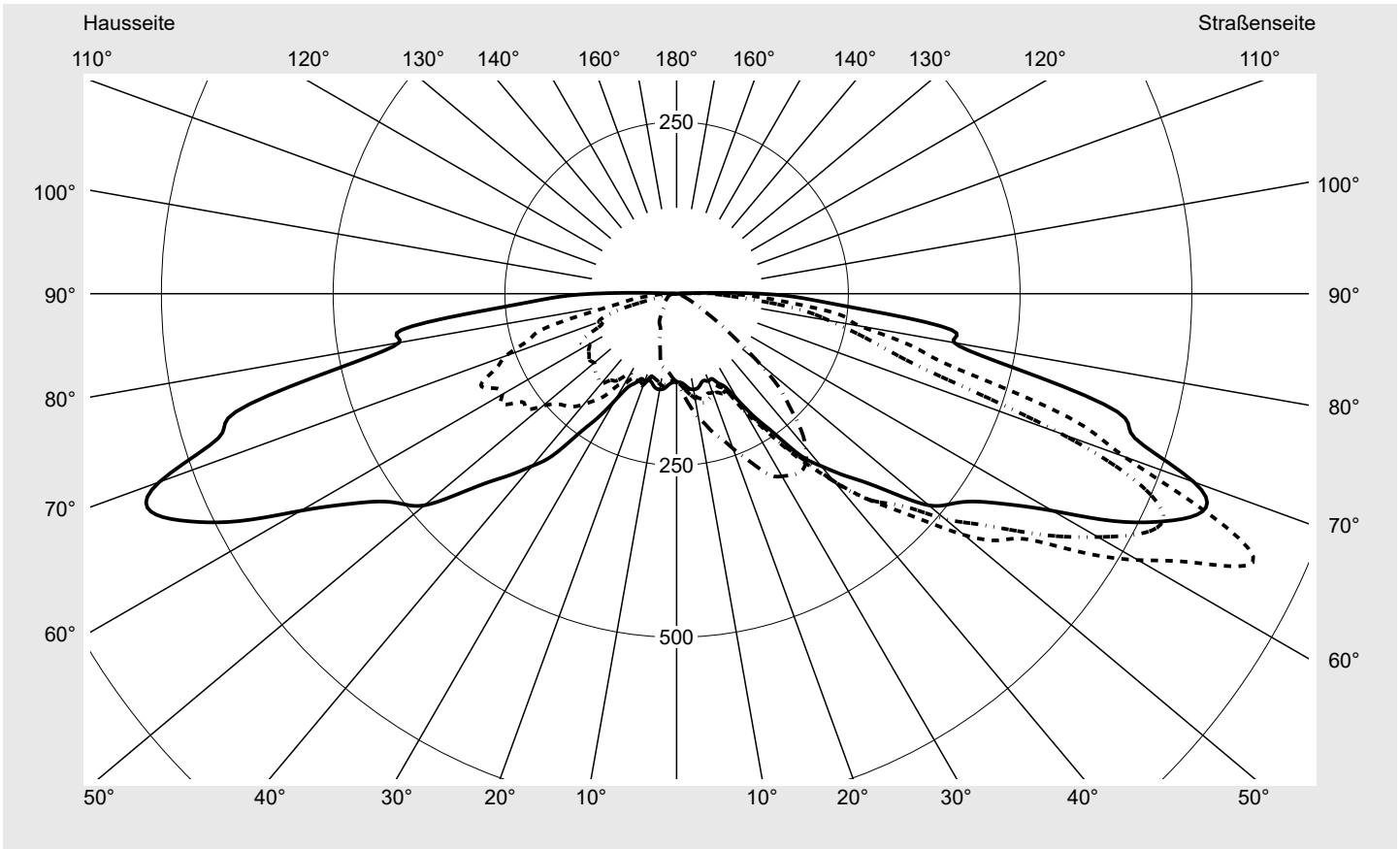
**C180-0**

**C195-15**

**C200-20**

**C270-90**

**Imax: 925 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	99.2%
Eta 90° - 180°	0.8%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	---
Imax 70°	843.6
Imax 80°	410.4
Imax 90°	122.2
Imax >90°	14.1
Imax >95°	2.3

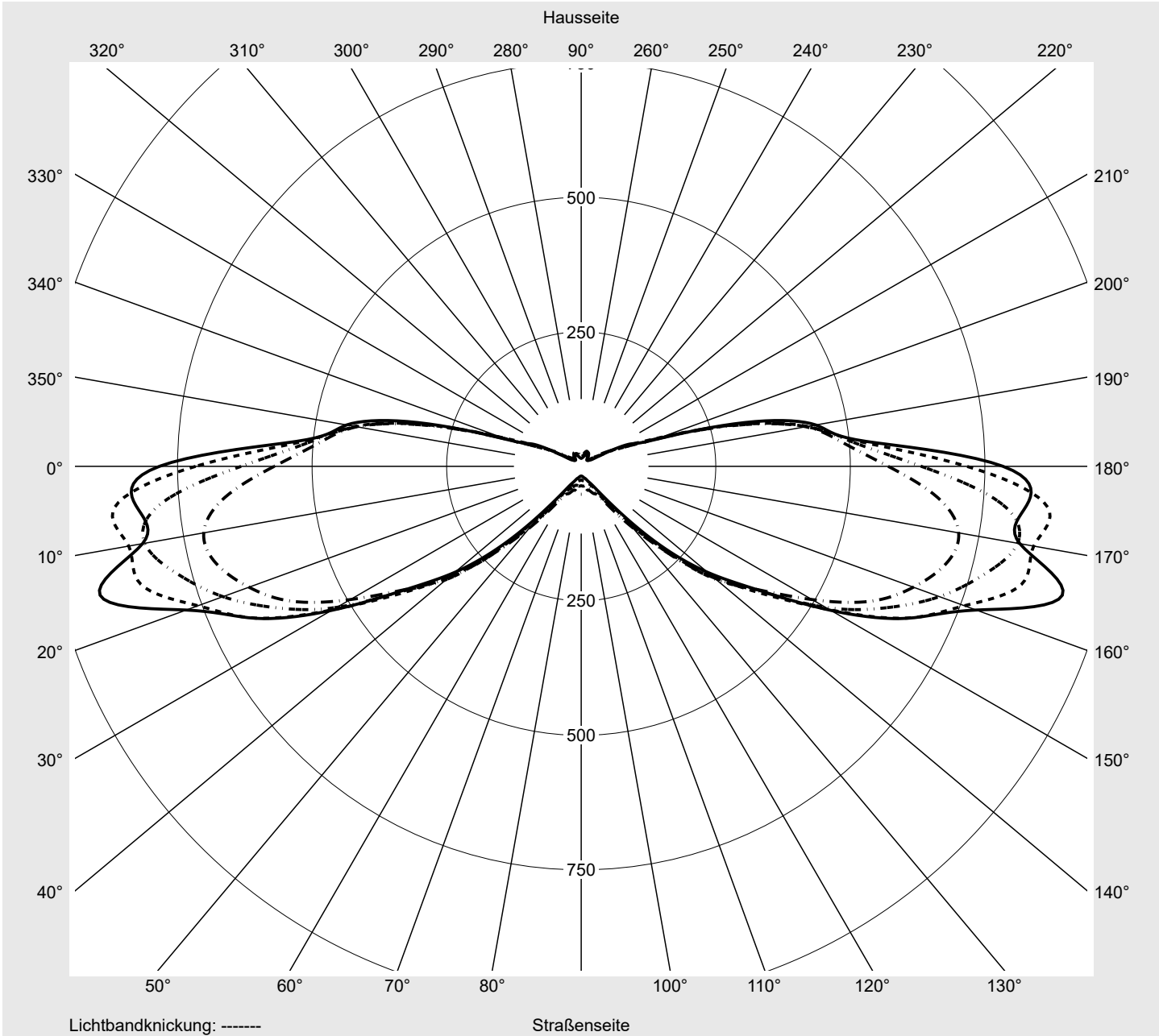
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

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



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<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°	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5
2,5°	129.3	129.7	130.1	132.0	132.8	133.8	134.2	135.5	136.2	135.5	136.1	137.2	136.9
5,0°	133.1	134.4	136.0	138.4	140.2	141.9	143.8	145.6	146.3	146.2	148.5	150.0	150.6
7,5°	139.2	141.1	141.8	143.7	147.5	151.3	154.4	155.4	158.2	159.7	162.6	163.7	166.0
10,0°	141.4	143.9	146.7	150.6	154.9	159.4	162.5	165.2	168.4	171.3	175.4	178.7	180.0
12,5°	140.8	145.2	149.6	156.1	161.9	166.3	169.5	175.6	180.4	185.8	189.6	193.5	194.3
15,0°	135.8	141.3	148.8	156.3	163.4	169.0	175.2	181.9	187.2	196.3	202.7	209.3	214.0
17,5°	132.4	139.7	146.6	152.0	159.5	167.6	178.3	185.8	196.9	206.9	218.9	227.4	233.3
20,0°	135.3	140.3	147.8	152.4	156.7	166.8	177.8	191.3	202.6	216.3	229.2	240.9	245.4
22,5°	134.1	137.7	139.7	144.2	155.4	167.7	180.9	193.9	207.9	222.5	233.1	244.5	252.1
25,0°	143.8	145.8	146.3	150.3	159.9	172.6	185.5	195.7	210.6	222.7	233.1	243.2	254.3
27,5°	153.2	153.7	158.7	159.1	161.9	177.1	186.3	199.3	212.2	220.5	229.5	238.7	249.6
30,0°	179.4	193.4	199.7	197.4	195.6	189.1	194.5	206.3	210.4	212.7	214.6	224.2	237.6
32,5°	214.8	226.8	233.6	228.5	220.5	219.7	219.9	214.2	212.4	200.1	193.4	203.5	218.1
35,0°	248.6	260.6	265.2	270.7	266.6	258.4	252.6	235.0	214.7	195.4	181.3	186.5	199.1
37,5°	297.5	310.6	318.1	313.5	305.7	307.7	286.3	256.7	228.8	195.6	174.1	169.1	177.9
40,0°	327.5	349.3	354.7	356.6	356.7	347.8	327.5	292.8	246.2	206.2	168.5	155.4	160.3
42,5°	357.6	384.5	398.2	401.5	402.6	377.5	373.6	323.1	264.3	212.3	162.4	143.7	147.4
45,0°	388.2	433.0	452.2	441.7	431.2	417.8	404.8	362.4	284.7	213.9	149.5	128.5	128.6
47,5°	431.5	478.3	503.0	489.1	461.9	435.2	418.3	371.7	305.7	215.5	141.6	117.2	115.3
50,0°	479.1	528.3	543.3	546.4	510.4	462.5	429.8	379.3	321.6	227.1	147.4	109.7	101.8
52,5°	502.8	554.8	584.9	589.8	550.7	516.8	449.4	383.6	329.7	230.3	144.6	102.2	86.9
55,0°	527.3	586.6	636.2	623.2	601.1	558.3	462.4	390.0	317.4	227.0	147.3	98.8	73.4
57,5°	570.3	664.8	712.2	701.2	656.9	593.3	495.3	399.1	322.7	227.6	149.0	92.2	61.9
60,0°	631.9	782.3	823.3	775.4	708.3	622.7	524.2	404.5	327.6	226.7	140.1	81.2	52.8
62,5°	716.4	869.9	853.7	847.1	757.7	667.4	533.2	413.7	318.6	221.3	122.3	69.4	45.1
65,0°	783.7	830.8	827.6	925.4	780.9	668.4	535.4	400.5	306.5	207.3	111.0	59.8	39.3
67,5°	828.4	803.4	922.0	840.2	734.3	640.1	468.2	371.1	282.5	187.1	90.0	44.8	32.5
70,0°	801.3	816.4	843.6	693.2	595.7	447.5	354.9	297.7	240.0	160.7	71.2	33.0	21.1
72,5°	699.6	709.6	735.2	598.2	408.2	324.0	247.5	207.6	171.7	121.8	52.4	21.0	13.0
75,0°	664.5	719.0	580.2	424.1	319.6	266.7	199.6	148.8	101.8	54.9	25.2	12.3	7.5
77,5°	509.2	472.3	437.3	350.3	269.9	229.4	171.7	123.1	64.6	36.2	16.9	6.8	5.3
80,0°	410.4	381.6	323.1	271.0	225.7	175.5	118.1	69.2	33.9	20.4	9.5	4.8	4.3
82,5°	403.9	403.7	320.5	242.9	185.2	121.0	84.2	47.0	23.4	9.8	5.1	3.8	3.4
85,0°	281.4	273.2	238.2	177.3	123.5	88.7	60.7	37.0	15.2	5.3	3.4	2.9	2.7
87,5°	195.3	182.4	164.6	124.1	77.5	54.7	44.4	27.0	11.4	3.7	2.8	2.3	2.0
90,0°	122.2	105.6	92.5	69.6	44.6	33.2	25.8	14.3	6.7	2.7	2.0	1.5	1.3
92,5°	8.5	6.1	4.0	3.0	2.7	2.4	2.3	2.0	1.7	1.4	1.2	1.0	0.9
95,0°	2.7	2.6	2.5	2.4	2.4	2.2	2.0	1.9	1.5	1.3	1.0	0.9	0.9
97,5°	2.3	2.3	2.3	2.2	2.2	2.0	1.8	1.6	1.4	1.1	1.0	0.8	0.7
100,0°	2.1	2.0	2.0	2.0	1.9	1.8	1.6	1.4	1.2	1.0	1.0	0.8	0.6
102,5°	1.9	1.9	1.8	1.8	1.8	1.6	1.4	1.2	1.0	1.0	0.8	0.6	0.6
105,0°	1.7	1.7	1.7	1.6	1.6	1.4	1.2	1.0	1.0	0.8	0.7	0.6	0.5
107,5°	1.5	1.6	1.5	1.5	1.4	1.2	1.2	1.0	0.9	0.7	0.6	0.5	0.5
110,0°	1.5	1.4	1.4	1.4	1.2	1.2	1.0	0.9	0.8	0.7	0.5	0.5	0.4
112,5°	1.3	1.4	1.3	1.3	1.2	1.0	1.0	0.9	0.7	0.5	0.5	0.4	0.4

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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°	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5
2,5°	136.8	138.2	138.7	138.4	138.8	139.1	128.0	127.2	127.1	126.6	126.5	125.9	125.4
5,0°	150.3	151.6	152.8	153.3	152.8	153.5	133.4	131.3	129.8	129.0	128.5	126.9	125.9
7,5°	165.9	166.5	166.8	166.7	167.3	168.7	136.6	134.6	135.1	133.5	132.0	129.4	127.3
10,0°	182.4	182.6	183.4	181.9	181.8	182.8	139.7	137.0	134.3	133.1	129.8	127.8	125.5
12,5°	198.1	198.8	198.8	197.1	196.5	195.1	137.8	133.5	131.3	129.6	128.1	126.6	125.1
15,0°	214.3	215.9	214.0	210.2	209.4	210.5	130.6	127.7	127.3	126.7	126.8	124.9	124.5
17,5°	234.0	230.9	228.7	226.8	225.8	222.7	128.4	127.2	128.7	126.9	127.2	132.0	131.9
20,0°	247.7	244.6	242.6	240.3	240.3	239.8	133.7	137.0	141.2	141.1	139.9	140.3	137.9
22,5°	255.4	254.3	254.1	255.5	258.8	257.8	130.9	132.5	137.9	141.9	148.6	147.6	135.8
25,0°	260.2	264.7	267.7	272.5	277.0	278.6	138.7	140.0	141.4	138.5	135.7	138.3	132.2
27,5°	260.1	270.1	280.6	289.4	294.8	298.5	143.1	138.9	138.3	138.4	131.8	124.7	117.5
30,0°	252.5	270.7	285.3	298.5	308.0	306.9	176.3	162.0	151.5	134.1	125.3	117.1	106.9
32,5°	237.4	260.6	285.1	302.2	311.7	312.8	198.2	173.7	157.6	143.2	130.3	106.4	93.7
35,0°	219.4	244.3	271.0	295.0	313.1	315.8	232.7	202.2	180.6	155.0	124.8	102.1	78.3
37,5°	194.6	216.8	247.6	277.0	301.2	309.1	271.9	234.2	195.9	159.0	126.0	96.7	64.2
40,0°	174.8	191.4	218.4	249.9	280.1	292.6	293.0	254.4	210.2	171.0	125.0	85.2	56.9
42,5°	156.0	168.9	189.1	218.7	247.6	267.5	321.9	270.5	222.9	168.4	120.9	76.8	54.3
45,0°	135.4	145.5	159.5	181.5	215.5	233.0	342.6	290.7	230.3	165.6	111.7	72.9	54.2
47,5°	118.8	123.2	129.6	148.0	180.8	202.9	379.1	311.4	237.5	160.7	101.1	69.5	54.4
50,0°	102.1	102.1	103.3	115.4	140.9	156.6	420.4	348.2	254.4	156.6	92.1	66.4	49.9
52,5°	83.6	80.6	80.1	87.4	101.3	110.0	448.8	371.6	275.5	159.3	88.5	65.4	44.7
55,0°	69.1	62.9	60.0	64.7	73.2	77.0	456.1	395.3	274.7	155.4	82.8	59.3	39.5
57,5°	56.1	48.9	45.8	48.2	51.2	51.9	490.4	423.7	300.2	151.7	82.5	52.9	32.3
60,0°	45.4	39.3	36.3	36.5	37.0	36.1	508.4	424.6	292.9	147.4	79.1	45.4	29.1
62,5°	36.7	30.9	28.4	27.0	26.5	25.1	522.2	427.1	298.0	156.3	88.8	40.7	23.9
65,0°	31.1	25.1	22.4	20.1	18.5	18.1	531.4	442.6	314.3	143.6	96.5	38.4	20.4
67,5°	22.5	20.0	17.6	15.7	13.3	12.4	638.8	429.7	284.5	118.2	86.2	41.8	20.6
70,0°	16.2	14.6	13.2	11.9	10.0	9.1	608.3	420.8	264.6	120.4	55.1	34.6	18.6
72,5°	10.7	9.9	9.0	8.6	7.7	7.2	608.1	406.0	226.5	108.1	50.3	26.9	16.5
75,0°	7.1	6.9	6.7	6.2	5.8	5.7	544.1	365.4	204.4	77.1	37.6	22.8	15.4
77,5°	5.1	4.8	4.8	4.6	4.4	4.4	436.6	288.0	137.3	35.4	21.8	18.1	15.4
80,0°	3.9	3.7	3.5	3.3	3.2	3.2	317.2	204.8	87.5	26.2	16.0	13.0	12.0
82,5°	3.1	2.9	2.8	2.6	2.6	2.5	255.2	144.8	66.8	20.4	13.7	11.6	10.0
85,0°	2.5	2.3	2.1	1.9	1.8	1.9	194.5	93.7	42.8	14.8	10.7	10.2	8.9
87,5°	1.8	1.8	1.5	1.3	1.2	1.1	158.9	80.6	26.2	11.6	7.1	7.5	7.6
90,0°	1.3	1.0	1.0	0.8	0.7	0.6	92.3	33.9	13.6	5.1	5.1	5.5	5.7
92,5°	0.9	0.8	0.6	0.6	0.6	0.6	14.1	8.9	4.1	2.9	3.0	3.0	3.2
95,0°	0.8	0.6	0.6	0.5	0.5	0.6	2.6	2.4	2.4	2.3	2.2	2.0	1.9
97,5°	0.6	0.6	0.5	0.5	0.4	0.4	2.3	2.3	2.2	2.1	2.0	1.9	1.8
100,0°	0.6	0.5	0.4	0.4	0.4	0.4	2.1	2.1	2.0	2.0	1.9	1.7	1.7
102,5°	0.5	0.5	0.4	0.4	0.4	0.4	1.9	1.9	1.8	1.8	1.7	1.7	1.5
105,0°	0.5	0.4	0.4	0.4	0.4	0.4	1.7	1.7	1.7	1.8	1.6	1.6	1.5
107,5°	0.4	0.4	0.4	0.4	0.4	0.4	1.6	1.6	1.6	1.6	1.6	1.5	1.4
110,0°	0.4	0.4	0.4	0.4	0.4	0.4	1.5	1.5	1.5	1.4	1.4	1.4	1.3
112,5°	0.3	0.3	0.3	0.3	0.4	0.4	1.3	1.3	1.4	1.4	1.4	1.2	1.2

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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
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	0.2	0.2
2,5°	125.3	124.6	123.8	123.7	123.8	124.4	123.7	123.8	122.5	122.9	123.1	1.6	1.7
5,0°	123.6	123.4	123.6	122.6	121.0	120.6	119.0	118.5	117.6	116.5	116.7	3.2	5.0
7,5°	125.9	124.5	122.8	121.2	120.2	119.0	117.0	116.2	114.0	112.9	113.1	5.1	10.0
10,0°	123.2	122.5	120.8	120.0	117.5	115.7	113.5	112.3	110.4	109.1	109.1	6.9	17.0
12,5°	124.0	124.0	122.5	121.0	118.1	114.9	111.4	108.0	106.8	105.5	104.9	8.9	25.9
15,0°	124.6	124.1	121.4	117.6	111.8	107.7	102.8	98.9	95.1	92.4	91.8	10.8	36.7
17,5°	127.9	124.6	118.4	111.1	103.7	96.8	91.0	87.0	83.0	81.0	80.2	12.8	49.4
20,0°	128.8	119.4	108.9	99.5	92.0	85.0	80.2	76.8	73.6	72.4	72.0	14.8	64.2
22,5°	122.1	110.4	100.0	89.8	80.9	74.2	70.4	66.3	63.9	63.1	62.1	16.5	80.8
25,0°	119.3	102.6	90.8	81.1	72.6	67.0	62.6	59.0	56.9	55.9	55.7	18.4	99.1
27,5°	113.2	96.0	79.7	71.8	65.4	60.0	55.7	53.2	52.1	52.3	52.3	20.1	119.2
30,0°	96.2	78.5	69.8	64.2	58.3	54.1	52.0	50.4	50.0	49.4	50.0	22.3	141.4
32,5°	76.6	65.1	61.6	57.5	53.7	50.4	48.3	46.8	46.6	46.5	46.2	24.3	165.7
35,0°	61.4	56.0	54.0	50.9	47.4	45.5	43.9	43.0	42.4	41.4	40.9	26.7	192.4
37,5°	53.7	49.3	46.8	45.0	42.8	41.2	40.2	39.7	38.3	37.1	35.7	29.4	221.8
40,0°	48.2	43.1	41.5	40.3	38.7	36.5	35.5	34.5	33.0	31.7	31.5	31.8	253.6
42,5°	44.5	39.7	36.6	35.4	34.1	32.3	31.4	29.7	28.6	28.0	27.9	34.2	287.9
45,0°	42.5	36.3	33.3	31.9	30.5	29.0	27.6	26.6	25.5	25.7	25.7	36.5	324.4
47,5°	40.9	33.5	31.1	29.6	28.9	27.3	26.2	24.9	24.0	23.9	24.5	38.8	363.1
50,0°	36.8	30.2	28.1	27.6	27.5	26.6	25.5	23.9	22.4	22.3	22.8	41.4	404.5
52,5°	33.0	27.7	25.7	25.8	27.4	27.6	26.5	24.2	21.9	21.3	21.5	43.7	448.3
55,0°	27.8	24.6	23.7	24.9	27.6	28.7	28.7	25.4	22.2	20.8	20.9	45.8	494.1
57,5°	24.4	21.4	21.1	23.4	27.6	29.1	29.8	26.8	22.8	19.8	19.4	49.5	543.6
60,0°	21.3	19.1	19.4	22.1	26.8	28.2	29.2	27.4	22.5	18.6	17.7	53.3	596.9
62,5°	18.9	16.9	17.5	20.8	24.0	25.7	25.3	23.2	20.0	17.1	16.2	56.5	653.5
65,0°	16.7	15.6	16.1	20.0	22.2	23.3	21.8	19.3	16.8	15.5	14.8	57.9	711.4
67,5°	15.2	14.3	14.8	16.6	19.5	20.4	19.0	16.6	14.8	14.3	14.4	57.2	768.6
70,0°	14.4	12.6	13.0	14.5	16.2	16.8	16.4	14.6	13.3	13.5	13.3	51.0	819.5
72,5°	12.9	11.4	11.1	11.5	12.7	13.4	13.0	12.4	11.9	12.4	12.5	43.1	862.6
75,0°	11.8	10.0	9.4	9.1	9.5	10.2	10.3	10.4	10.7	11.5	11.4	36.3	898.9
77,5°	11.9	9.2	8.0	7.4	7.5	7.8	8.1	8.6	9.5	10.5	11.2	28.0	926.9
80,0°	10.1	7.9	6.6	6.1	6.0	6.2	6.5	6.9	7.5	8.9	9.9	21.2	948.0
82,5°	8.6	6.6	5.3	5.0	4.8	4.6	4.9	5.5	6.3	7.2	7.6	18.5	966.6
85,0°	7.5	5.7	4.7	4.4	3.7	3.4	3.6	3.9	4.4	5.1	5.7	13.2	979.8
87,5°	6.6	5.2	4.4	3.8	3.1	2.8	2.5	2.6	2.7	2.9	3.4	9.4	989.2
90,0°	5.1	4.6	3.8	3.0	2.6	2.0	1.8	1.5	1.3	1.1	1.1	5.5	994.7
92,5°	2.9	2.5	2.0	1.7	1.4	1.1	1.0	0.9	0.7	0.6	0.6	0.7	995.4
95,0°	1.7	1.5	1.3	1.2	1.0	0.9	0.8	0.9	0.6	0.5	0.4	0.4	995.8
97,5°	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.4	0.4	996.2
100,0°	1.6	1.4	1.2	1.0	1.0	0.8	0.7	0.7	0.6	0.5	0.4	0.3	996.5
102,5°	1.4	1.3	1.1	1.0	1.0	0.8	0.7	0.7	0.6	0.5	0.4	0.3	996.8
105,0°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	997.1
107,5°	1.3	1.1	1.1	1.0	0.9	0.7	0.7	0.6	0.6	0.5	0.4	0.3	997.4
110,0°	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.2	997.6
112,5°	1.1	1.0	1.0	0.9	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.2	997.8

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>GROSSE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1565F1F108</b> <b>EAN: 4069025123381</b>	<b>LP-Nummer</b> <b>59566_5</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°	1.3	1.3	1.3	1.2	1.2	1.0	1.0	0.9	0.7	0.5	0.5	0.4	0.4
117,5°	1.3	1.3	1.3	1.2	1.0	1.0	0.9	0.7	0.7	0.5	0.4	0.4	0.4
120,0°	1.3	1.2	1.2	1.1	1.0	1.0	0.9	0.7	0.7	0.5	0.4	0.4	0.3
122,5°	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.7	0.5	0.5	0.4	0.4	0.2
125,0°	1.1	1.1	1.0	1.0	1.0	0.9	0.8	0.7	0.5	0.5	0.4	0.4	0.2
127,5°	1.1	1.0	1.0	1.0	0.9	0.9	0.7	0.7	0.5	0.5	0.4	0.4	0.3
130,0°	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.7	0.5	0.5	0.4	0.4	0.3
132,5°	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.4
135,0°	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4
137,5°	0.9	1.0	1.0	0.8	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.4
140,0°	0.9	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.5	0.6
142,5°	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6
145,0°	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6
147,5°	0.9	0.9	0.9	0.9	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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>GROSSE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1565F1F108</b> <b>EAN: 4069025123381</b>	<b>LP-Nummer</b> <b>59566_5</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°
$\gamma$	Lichtstärke in cd/klm												
115,0°	0.3	0.3	0.2	0.2	0.3	0.2	1.3	1.3	1.3	1.4	1.4	1.3	1.2
117,5°	0.2	0.2	0.2	0.2	0.2	0.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2
120,0°	0.2	0.2	0.2	0.2	0.2	0.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2
122,5°	0.2	0.2	0.2	0.2	0.2	0.2	1.3	1.3	1.3	1.2	1.2	1.2	1.2
125,0°	0.2	0.2	0.2	0.2	0.2	0.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0
127,5°	0.2	0.2	0.2	0.2	0.2	0.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0
130,0°	0.3	0.3	0.2	0.3	0.3	0.2	1.0	1.0	1.1	1.1	1.0	1.0	1.0
132,5°	0.4	0.4	0.4	0.4	0.4	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
135,0°	0.4	0.4	0.4	0.4	0.4	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
137,5°	0.4	0.4	0.4	0.4	0.4	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
140,0°	0.5	0.5	0.5	0.4	0.4	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142,5°	0.6	0.6	0.6	0.6	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0
145,0°	0.6	0.6	0.6	0.6	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147,5°	0.7	0.7	0.6	0.7	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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>GROSSE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1565F1F108</b> <b>EAN: 4069025123381</b>	<b>LP-Nummer</b> <b>59566_5</b>
<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
$\gamma$	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
115,0°	1.1	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.6	0.4	0.2	998.0
117,5°	1.0	1.0	0.9	0.9	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.2	998.2
120,0°	1.0	1.0	0.9	0.9	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.2	998.4
122,5°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.2	998.6
125,0°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.2	998.7
127,5°	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.2	998.9
130,0°	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.1	999.0
132,5°	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.1	999.2
135,0°	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.1	999.3
137,5°	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.1	999.5
140,0°	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.1	999.6
142,5°	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.1	999.7
145,0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.1	999.9
147,5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	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>GROSSE GLOCKE LED</b>	<b>Bestell-Nr.: 5XA1565F1F108</b> <b>EAN: 4069025123381</b>	<b>LP-Nummer</b> <b>59566_5</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	5070	34.3	37.7	36.0
95	241	252	4811	32.1	35.2	33.7
90	229	250	4571	30.2	33.0	31.6
85	216	248	4311	28.1	30.8	29.4
80	203	246	4052	26.1	28.6	27.4
75	190	243	3793	24.2	26.5	25.4
70	178	241	3553	22.5	24.6	23.6
65	165	238	3294	20.6	22.6	21.6
60	152	235	3034	18.9	20.6	19.8
55	140	232	2794	17.2	18.8	18.0
50	127	229	2535	15.5	17.0	16.2
45	114	225	2276	13.9	15.1	14.5
40	102	221	2036	12.4	13.6	13.0
35	89	216	1776	10.8	11.8	11.3
30	76	210	1517	9.2	10.1	9.6
25	63	203	1258	7.7	8.4	8.0
20	51	195	1018	6.4	6.9	6.6
15	38	184	759	4.9	5.3	5.1
11	29	175	579	3.8	4.1	4.0