

Lichttechnischer Prüfbefund

Familie
GROSSE GLOCKE LED

Bestell-Nr.: 5XA1565F1F108
EAN: 4069025123381

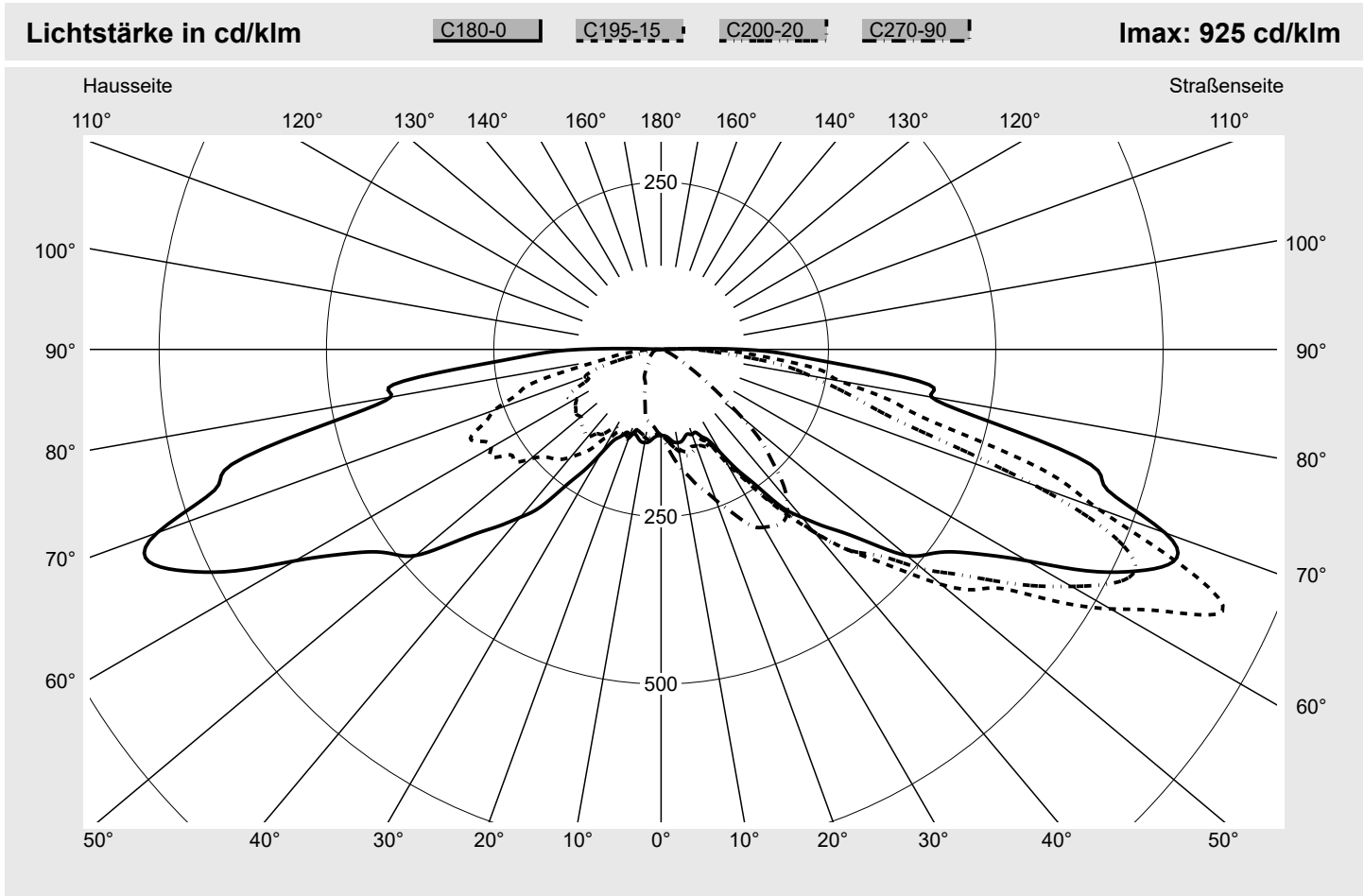
LP-Nummer
59566_5



Ausführung hängende Montage am Mastbogen oder Wandarm
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckwanne, klar
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 5070 lm
 Systemleistung = 34.3 W
 Lichtausbeute = 147.8 lm/W

Seriodokumentation
04.03.2024





Leuchtenbetriebswirkungsgrade		Lichtstärkeklasse nach EN13201-2	
Eta	100.0%	Klasse:	---
Eta 0° - 90°	99.2%	Imax 70°	843.6
Eta 90° - 180°	0.8%	Imax 80°	410.4
		Imax 90°	122.2
		Imax >90°	14.1
		Imax >95°	2.3
Messbedingungen			
DIN EN 13032 und DIN 5032			

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LP-Nummer
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Kegelmantelkurven in cd/klm

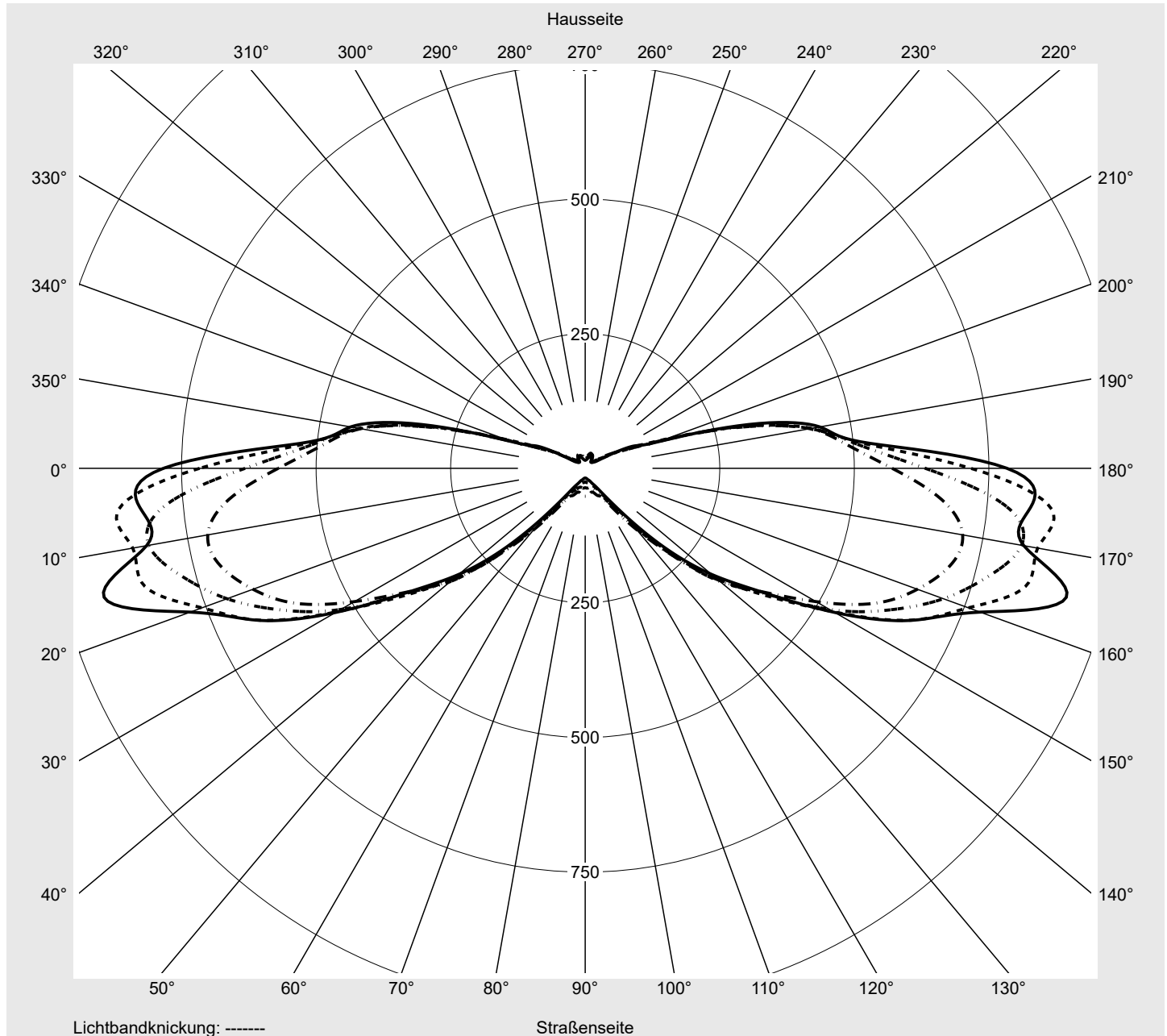
KMK 65°

KMK 62,5°

KMK 60°

KMK 57,5°

siteco



Lichttechnischer Prüfbefund

Familie GROSSE GLOCKE LED				Bestell-Nr.: 5XA1565F1F108 EAN: 4069025123381								LP-Nummer 59566_5 siteco	
Wertetabelle Lichtstärkemessung													
	Maximale Lichtstärke												
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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Familie				Bestell-Nr.: 5XA1565F1F108								LP-Nummer	
GROSSE GLOCKE LED				EAN: 4069025123381								59566_5	
Wertetabelle Lichtstärkemessung												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	Maximale Lichtstärke												
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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Wertetabelle Lichtstärkemessung												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	Maximale Lichtstärke											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

Familie GROSSE GLOCKE LED				Bestell-Nr.: 5XA1565F1F108 EAN: 4069025123381								LP-Nummer 59566_5	
Wertetabelle Lichtstärkemessung										Maximale Lichtstärke		sīTeco	
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

Familie GROSSE GLOCKE LED	Bestell-Nr.: 5XA1565F1F108 EAN: 4069025123381	LP-Nummer 59566_5
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°	0.3	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

Familie				Bestell-Nr.: 5XA1565F1F108								LP-Nummer	
GROSSE GLOCKE LED				EAN: 4069025123381								59566_5	
Wertetabelle Lichtstärkemessung												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	
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

Familie GROSSE GLOCKE LED	Bestell-Nr.: 5XA1565F1F108 EAN: 4069025123381	LP-Nummer 59566_5
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	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