

Photometric test report

Family LARGE BELL LED



Order number: 5XA1565F1F108
EAN: 4069025123381

LP number
59566_5

serial
documentation
04.03.2024

Version suspended mounting at curved mast extension
or wall bracket

Optic direct, asymmetric extremely wide distribution
P100006

Cover enclosure, transparent

Lamps LED 3000 K | CRI ≥ 70

Controlgear ECG SITECO iQ

Rated values Net luminous flux = 5070 lm
Power consumption = 34.3 W
Luminous efficacy = 147.8 lm/W

siteco

Luminous intensity in cd/klm

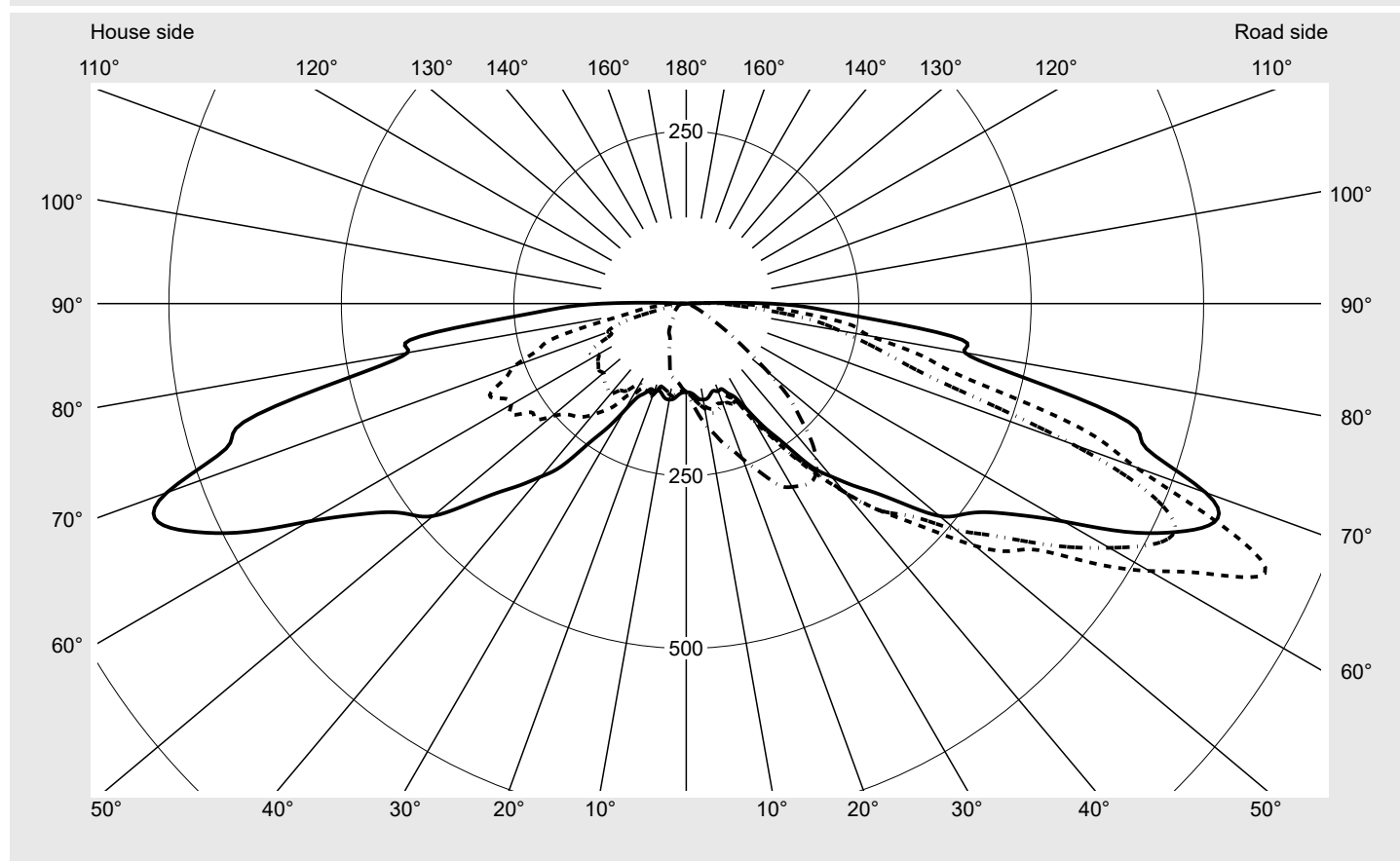
C180-0

C195-15

C200-20

C270-90

Imax: 925 cd/klm



Luminaire output ratios

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

Luminous intensity class acc. to EN13201-2

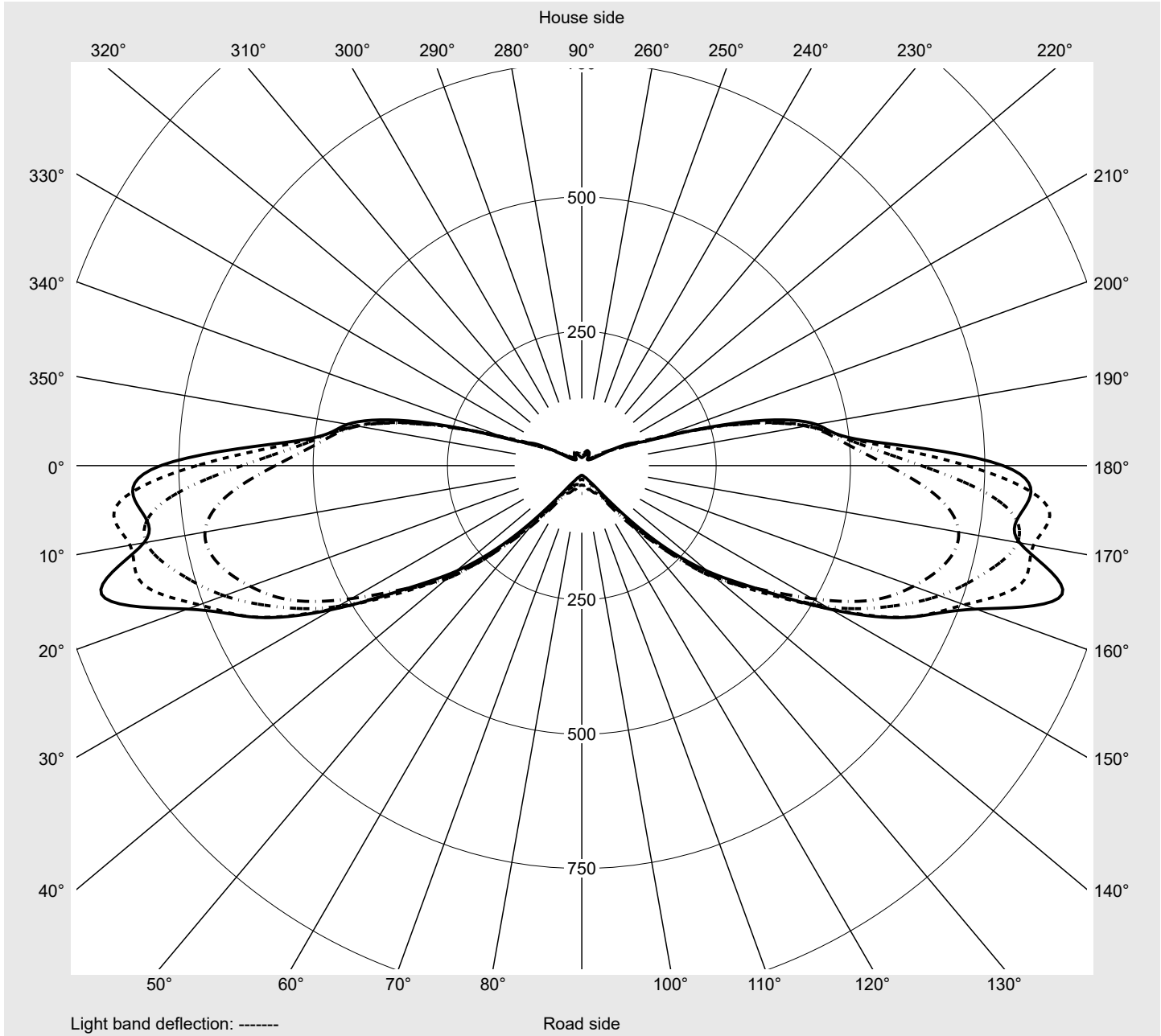
Class:	---
Imax 70°	843.6
Imax 80°	410.4
Imax 90°	122.2
Imax >90°	14.1
Imax >95°	2.3

Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm KMK 65° KMK 62,5° KMK 60° KMK 57,5°	siteco	



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Family LARGE BELL LED	Order number: 5XA1565F1F108 EAN: 4069025123381	LP number 59566_5
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	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	Luminous intensity 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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Table of values for luminous intensities										Maximum luminous intensity		siteco	
C- planes	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	Luminous intensity 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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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux 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

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565F1F108 EAN: 4069025123381	LP number 59566_5
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	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	Luminous intensity 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

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565F1F108 EAN: 4069025123381	LP number 59566_5
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	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	Luminous intensity 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

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565F1F108 EAN: 4069025123381	LP number 59566_5
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux 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

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565F1F108 EAN: 4069025123381	LP number 59566_5
Dimming levels table	environmental temperature: 25°C	siteco

Luminous flux [%]	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]start of lifetime	Power consumption [W]end of lifetime	Power consumption [W]average
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