

Photometric test report

Family
LARGE BELL LED



Order number: **5XA1565M1F108**
EAN: **4069025123466**

Version

Optic

Cover

Lamps

Controlgear

Rated values

suspended mounting at curved mast extension or wall bracket

asymmetric, wide distribution (ST1.2a)

enclosure, transparent

LED 2700 K | CRI ≥ 70

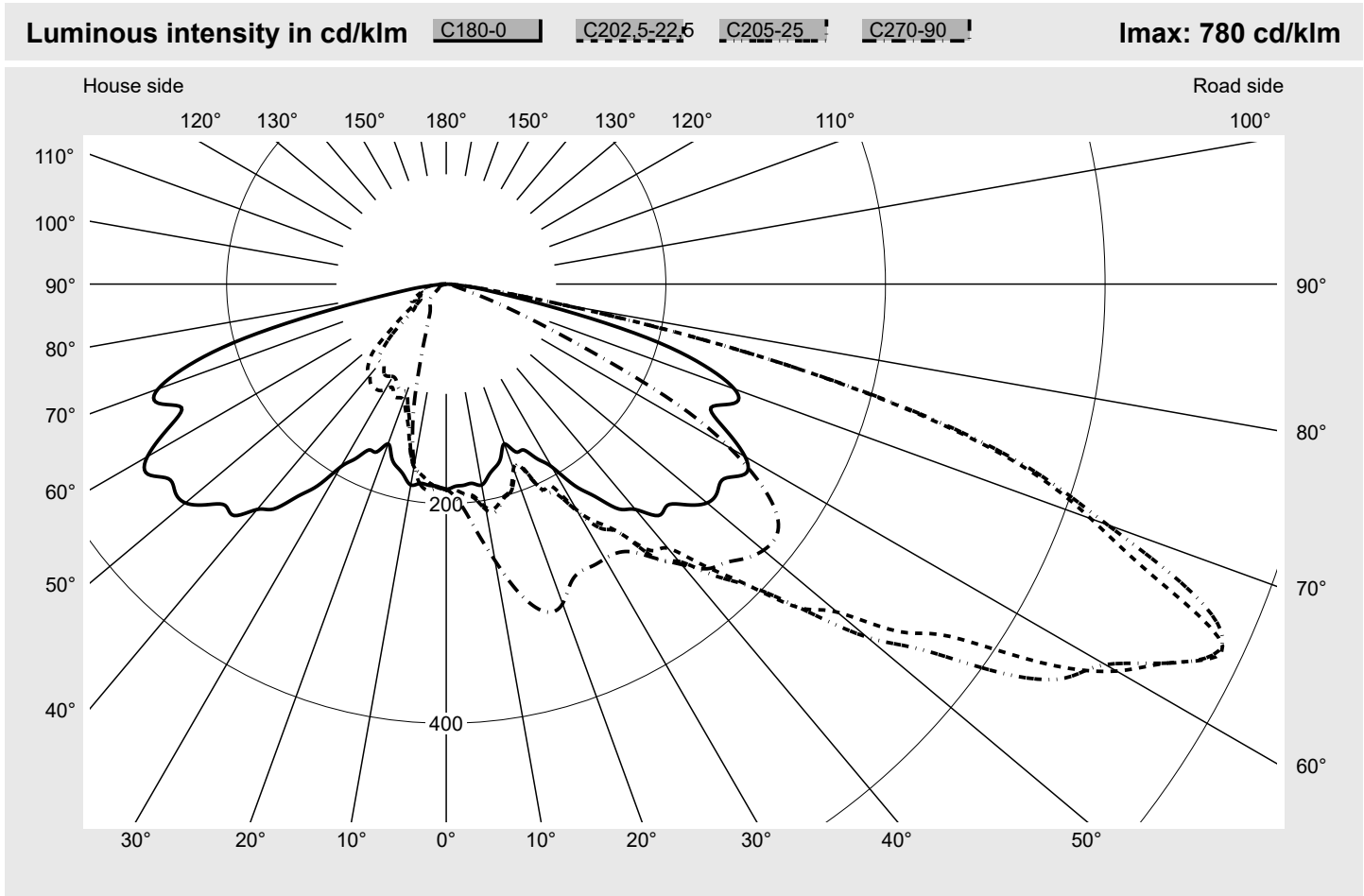
ECG SITECO iQ

Net luminous flux = 4470 lm
Power consumption = 34.3 W
Luminous efficacy = 130.3 lm/W

LP number
59563_4

serial
documentation
04.03.2024

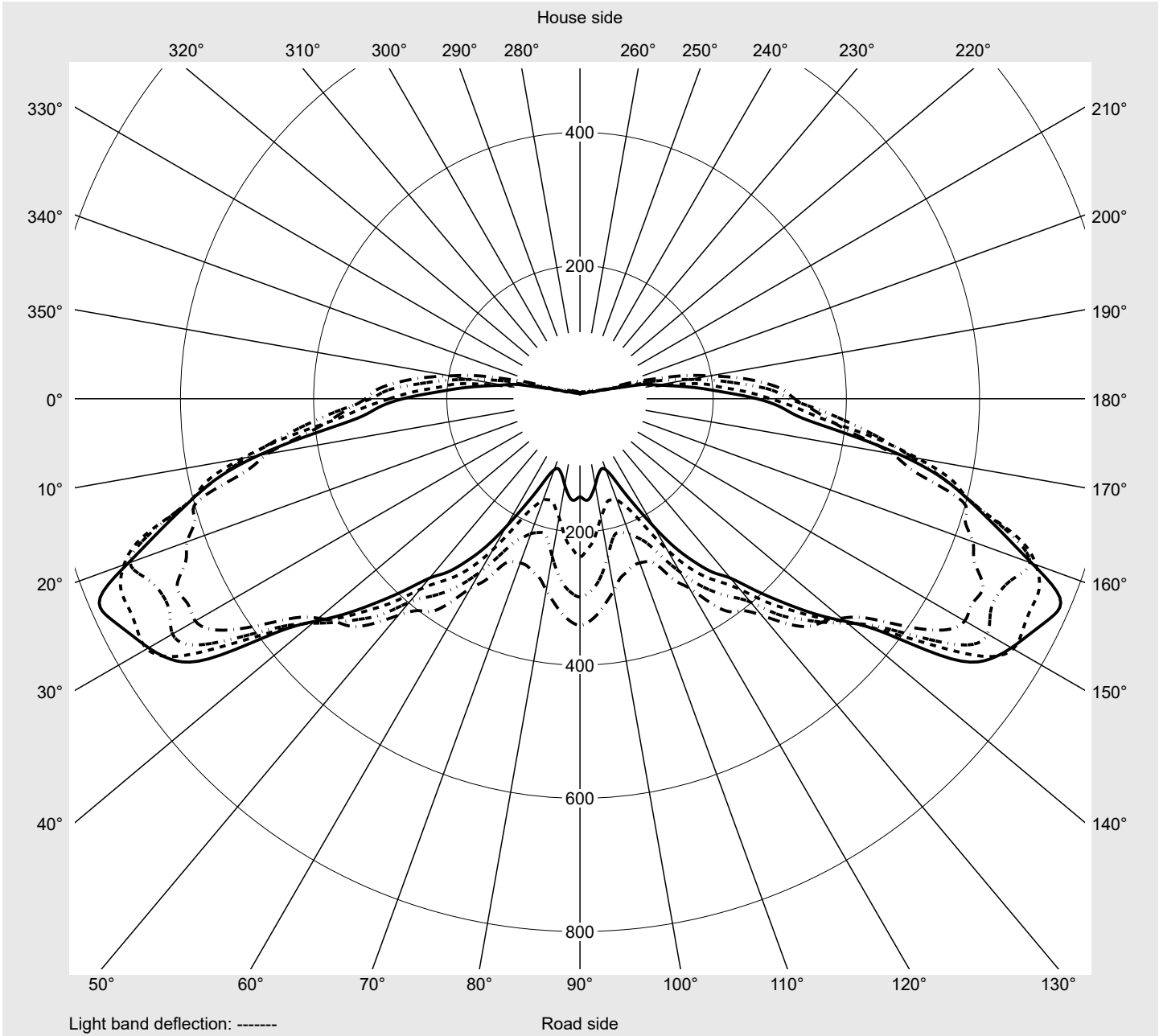




Luminaire output ratios		Luminous intensity class acc. to EN13201-2	
Eta	100.0%	Class:	G2
Eta 0° - 90°	99.6%	Imax 70°	648.4
Eta 90° - 180°	0.4%	Imax 80°	111.6
Measurement conditions		Imax 90°	2.4
		Imax >90°	1.6
		Imax >95°	1.5
DIN EN 13032 and DIN 5032			

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Envelope curve in cd/klm KMK 65° KMK 62.5° KMK 60° KMK 57.5°		



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Family LARGE BELL LED	Order number: 5XA1565M1F108 EAN: 4069025123466	LP number 59563_4
Table of values for luminous intensities		Maximum luminous intensity

siteco

C- planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
0,0°	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0
2,5°	184.4	184.8	185.2	185.4	185.7	186.1	186.8	187.1	187.1	187.6	187.8	188.0	188.4	188.6	189.0
5,0°	183.9	184.5	185.2	185.9	186.8	187.6	188.7	190.0	191.0	191.8	192.4	193.3	193.9	194.8	195.4
7,5°	183.1	184.2	186.2	187.6	189.0	190.0	191.3	192.1	193.2	195.1	196.8	198.3	200.3	201.7	203.6
10,0°	185.8	188.9	191.4	195.5	196.5	199.0	202.1	204.5	206.0	206.4	208.7	208.6	210.3	211.9	213.9
12,5°	178.5	180.2	187.1	189.0	192.8	195.1	198.5	200.9	204.9	208.4	211.8	215.1	217.3	220.3	222.3
15,0°	172.6	175.7	181.8	184.3	188.8	192.0	194.5	197.0	200.2	200.9	202.1	205.2	206.9	209.9	212.8
17,5°	165.4	171.2	173.0	176.6	180.6	185.9	188.8	190.5	191.7	195.4	197.4	196.6	195.2	196.1	195.2
20,0°	154.9	159.0	161.0	163.5	167.5	169.4	172.4	176.2	175.8	178.9	182.3	187.1	188.7	191.5	190.6
22,5°	165.5	170.0	175.2	178.3	178.4	182.5	182.6	180.1	182.2	181.9	180.0	179.3	180.9	185.7	186.3
25,0°	166.7	169.5	173.5	176.7	182.7	189.9	193.2	198.2	204.2	206.5	207.7	208.3	203.3	201.4	198.8
27,5°	179.4	183.9	188.8	199.7	202.8	206.9	205.0	204.0	203.8	207.3	214.7	222.8	230.6	233.7	233.0
30,0°	192.2	200.4	210.5	218.4	226.9	232.0	235.5	240.5	235.5	237.5	239.9	236.4	233.3	240.3	250.2
32,5°	217.6	223.3	231.9	237.4	241.0	246.7	242.9	243.8	248.3	258.0	264.3	268.7	270.6	271.6	271.4
35,0°	236.1	250.0	257.8	261.8	271.8	274.5	278.3	277.6	276.7	277.6	277.6	282.0	293.6	304.7	313.4
37,5°	258.2	266.5	278.4	281.4	280.0	284.0	281.0	285.1	293.8	305.8	315.9	320.1	322.0	323.1	327.8
40,0°	267.9	275.4	287.3	287.3	294.1	298.4	304.1	306.9	314.0	314.0	329.7	345.2	352.3	366.9	368.7
42,5°	286.0	280.1	285.5	287.3	297.1	302.0	313.4	322.8	340.2	348.1	359.3	374.3	376.9	379.1	392.1
45,0°	284.9	289.7	293.3	300.8	320.6	338.7	345.8	366.7	382.2	387.1	388.1	405.5	416.0	420.2	417.8
47,5°	297.6	308.5	313.7	321.5	339.7	361.7	375.9	392.9	403.8	436.5	436.0	442.2	460.5	446.2	438.4
50,0°	310.1	323.0	330.5	335.2	374.8	404.6	396.8	423.6	437.6	464.9	500.3	509.3	499.7	476.6	467.1
52,5°	311.2	322.2	336.7	354.4	399.7	460.5	470.4	478.6	503.5	520.0	547.3	571.9	551.8	521.7	505.5
55,0°	309.0	341.7	357.9	378.2	426.0	481.8	520.6	527.4	550.7	559.3	617.7	654.9	627.0	585.7	542.5
57,5°	322.2	348.3	377.6	419.6	476.4	519.7	594.5	606.4	628.0	641.3	667.9	664.8	667.3	646.5	595.2
60,0°	314.2	357.0	404.8	455.2	507.1	561.0	614.0	679.0	719.2	704.9	693.1	694.9	706.6	688.2	624.5
62,5°	286.3	327.3	371.8	444.9	515.2	574.7	611.9	687.8	728.8	746.4	747.2	750.0	751.1	720.2	643.6
65,0°	266.1	303.3	335.5	404.6	490.6	560.7	610.9	663.0	722.3	780.1	779.4	763.0	748.0	728.3	681.0
67,5°	283.7	315.6	333.3	376.7	448.3	497.5	569.0	624.3	650.6	698.6	735.8	725.2	720.6	698.8	651.3
70,0°	279.3	324.6	347.6	388.6	423.0	476.7	535.8	575.3	593.3	624.7	640.7	648.4	644.5	616.3	598.4
72,5°	245.9	305.7	349.5	375.5	388.2	406.9	476.0	504.4	528.1	548.6	556.2	571.6	545.7	528.2	505.4
75,0°	189.7	221.0	271.3	302.3	321.7	333.8	371.8	392.7	410.6	423.2	428.9	433.5	415.3	396.7	351.9
77,5°	107.6	117.9	151.7	186.7	211.6	212.7	219.4	218.6	242.1	260.5	258.5	242.7	225.4	220.3	203.0
80,0°	51.6	55.0	70.6	92.3	102.0	95.9	96.2	101.3	106.3	107.3	105.3	104.3	110.4	106.4	111.6
82,5°	28.1	29.4	31.8	40.5	43.2	44.4	42.3	38.0	35.2	33.8	38.0	49.5	60.5	64.8	65.2
85,0°	11.3	11.2	11.6	11.7	11.8	11.5	11.7	9.4	7.9	10.5	14.4	17.5	22.0	19.7	18.0
87,5°	4.9	5.3	5.2	5.0	4.9	4.6	5.2	5.6	6.0	6.1	5.7	5.5	6.0	5.8	5.6
90,0°	2.2	2.1	2.3	2.0	1.9	1.9	1.9	1.9	1.8	1.7	1.8	1.7	1.8	1.6	1.5
92,5°	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
95,0°	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0
97,5°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0
100,0°	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9
102,5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8
105,0°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
107,5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6
110,0°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5
112,5°	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5

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Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
0,0°	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0
2,5°	189.5	190.0	190.3	190.5	190.7	190.7	190.9	191.1	190.9	190.6	190.8	190.9	190.9	191.7	192.2
5,0°	196.8	197.7	198.4	199.7	200.5	200.8	201.4	202.3	202.3	203.5	204.7	205.4	206.0	206.1	206.9
7,5°	205.0	206.9	208.5	210.3	212.1	213.9	215.2	216.7	217.8	219.5	220.7	222.5	224.3	225.5	226.6
10,0°	215.0	216.3	218.4	221.9	224.0	227.3	230.1	231.9	234.9	237.7	239.5	243.1	245.1	248.3	250.4
12,5°	223.7	226.1	227.4	229.1	231.6	233.9	237.0	239.2	242.7	246.3	250.6	255.5	259.3	263.8	267.8
15,0°	215.9	217.8	221.7	223.2	227.3	229.0	229.9	233.6	236.4	241.5	247.3	254.1	263.2	271.0	277.7
17,5°	195.9	197.0	200.0	202.4	206.7	212.3	215.1	221.1	226.3	231.3	239.5	247.5	256.5	267.7	277.4
20,0°	189.7	191.1	189.1	190.7	193.0	198.8	206.1	215.1	220.9	228.2	234.9	242.3	253.0	263.9	273.7
22,5°	189.7	194.8	195.4	196.1	197.7	200.9	205.9	215.2	226.9	234.0	240.3	248.6	253.3	261.6	270.1
25,0°	193.5	195.4	203.2	207.2	212.9	216.7	219.6	224.3	233.2	243.3	251.4	258.4	262.3	266.0	270.9
27,5°	229.6	224.3	220.1	221.7	228.3	238.7	242.5	249.4	253.9	259.3	267.6	275.4	278.3	278.3	278.3
30,0°	259.6	260.6	260.2	252.8	251.7	259.5	267.7	275.8	279.2	277.2	281.6	288.6	290.2	288.2	285.3
32,5°	274.2	281.1	293.0	297.6	298.3	290.6	290.4	294.8	302.6	306.5	302.0	300.6	302.0	298.3	293.6
35,0°	315.8	313.5	314.8	319.0	331.1	335.9	326.6	319.0	320.3	329.7	329.4	324.0	317.5	312.2	305.1
37,5°	342.0	354.8	358.5	352.5	352.3	359.4	361.4	354.2	347.6	349.4	351.4	346.4	336.1	322.3	317.9
40,0°	371.5	369.5	381.7	390.7	390.9	380.4	380.6	383.1	381.9	372.9	368.3	366.4	350.0	337.2	328.4
42,5°	405.5	416.2	412.7	417.0	415.3	416.9	407.5	397.0	399.2	393.7	381.0	370.2	356.1	342.8	339.3
45,0°	422.9	436.2	448.1	447.2	439.5	439.5	434.6	421.2	407.0	404.3	391.9	372.9	358.5	346.8	345.1
47,5°	436.9	452.7	464.7	461.5	465.4	457.2	444.2	440.2	420.2	410.6	397.9	378.3	357.9	348.2	349.9
50,0°	454.8	467.8	484.5	480.3	467.6	464.3	450.2	433.2	417.3	402.0	386.5	367.9	350.5	346.2	346.0
52,5°	497.5	490.7	497.6	484.0	472.1	460.1	441.1	416.4	398.7	380.1	363.1	347.0	333.6	333.7	334.3
55,0°	519.5	511.9	506.7	498.0	467.8	442.4	428.2	402.3	371.1	349.7	329.0	307.4	304.2	307.3	310.1
57,5°	540.6	512.8	496.0	483.6	457.4	424.5	401.0	390.2	362.6	328.3	307.0	276.0	264.6	262.3	263.4
60,0°	561.1	524.5	496.9	468.4	438.8	398.7	375.2	354.6	330.3	300.3	268.6	239.9	225.7	215.5	210.8
62,5°	571.1	520.8	486.3	449.1	413.6	373.5	347.0	325.3	297.2	261.6	222.7	190.7	173.0	162.0	159.1
65,0°	578.3	520.0	478.2	433.4	390.8	351.7	328.8	298.5	264.0	221.8	183.3	152.0	126.4	113.5	110.0
67,5°	566.4	513.0	463.6	414.9	373.3	329.4	294.6	270.0	232.3	188.7	150.0	119.1	94.5	79.0	70.5
70,0°	525.5	463.9	427.9	392.5	342.7	293.4	257.4	225.4	198.1	168.9	122.0	92.8	73.2	56.7	46.5
72,5°	444.7	384.7	353.8	325.7	268.9	225.0	190.4	171.8	154.7	128.6	93.4	65.7	49.7	39.8	29.8
75,0°	315.8	267.8	240.4	226.4	211.5	187.9	159.7	147.5	137.2	118.5	70.4	45.5	35.6	25.5	20.4
77,5°	188.7	164.4	155.0	157.8	146.6	134.2	116.6	113.1	112.7	87.2	51.4	28.1	19.9	15.4	12.8
80,0°	102.4	94.1	82.9	66.5	56.7	46.7	46.6	42.9	36.3	36.8	20.2	9.7	7.4	7.1	7.3
82,5°	57.4	49.6	39.4	23.5	19.1	14.2	10.8	7.4	5.4	4.9	4.8	4.0	3.8	3.9	4.3
85,0°	15.7	12.3	10.2	7.4	4.9	4.2	3.9	3.5	3.2	2.9	2.7	2.4	2.2	2.3	2.4
87,5°	4.9	3.6	3.5	3.0	2.4	2.3	2.1	2.0	2.0	1.8	1.6	1.5	1.4	1.4	1.4
90,0°	1.5	1.4	1.3	1.2	1.2	1.2	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
92,5°	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6
95,0°	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5
97,5°	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4
100,0°	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3
102,5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
105,0°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
107,5°	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
110,0°	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
112,5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565M1F108 EAN: 4069025123466	LP number 59563_4
Table of values for luminous intensities		Maximum luminous intensity

siteco

C- planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
0,0°	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0
2,5°	192.2	192.6	192.8	193.4	193.8	194.3	194.4	183.9	184.0	184.0	184.0	184.1	184.6	184.8	185.0
5,0°	207.7	208.2	208.5	208.9	209.5	209.6	209.3	182.7	182.3	181.5	180.7	180.6	180.5	180.6	180.8
7,5°	228.2	229.9	231.0	230.9	230.6	231.0	231.4	181.1	180.1	178.6	177.4	176.5	175.8	175.0	174.4
10,0°	251.7	253.7	254.5	254.7	256.3	256.7	255.7	183.8	182.3	178.9	177.7	174.9	173.5	170.4	169.5
12,5°	271.2	275.8	278.4	280.9	282.2	283.1	281.7	174.8	170.8	167.3	164.5	162.3	158.9	155.4	153.3
15,0°	283.5	289.8	294.3	297.7	300.5	302.3	302.6	169.1	163.5	160.5	155.2	149.1	144.3	141.5	134.6
17,5°	286.2	295.4	301.5	307.0	310.7	313.9	313.4	162.3	154.8	150.9	145.4	143.6	135.7	132.4	127.2
20,0°	282.1	289.9	296.2	299.3	305.3	307.9	309.8	150.0	148.6	143.5	136.4	131.2	126.4	123.1	118.8
22,5°	276.7	282.3	287.4	292.2	293.6	296.7	295.5	162.4	158.3	156.0	146.8	140.7	132.3	125.1	120.0
25,0°	274.5	280.8	282.9	286.0	287.2	287.6	288.9	165.5	157.4	151.0	144.9	140.3	133.6	123.9	116.2
27,5°	279.1	281.3	284.3	286.0	286.0	287.9	289.3	175.5	171.1	165.0	151.7	144.4	137.4	129.5	117.9
30,0°	284.3	285.2	287.3	288.4	289.7	289.5	288.9	183.6	180.0	170.9	163.1	151.2	141.2	129.4	120.8
32,5°	291.3	291.8	291.7	292.4	293.6	291.5	290.2	202.6	193.0	185.4	178.4	165.3	147.7	136.5	125.8
35,0°	302.2	301.7	299.7	300.8	301.1	299.9	298.1	223.2	212.9	200.6	188.4	172.8	157.8	144.3	131.7
37,5°	315.6	315.4	315.0	314.4	315.6	314.9	315.3	244.3	228.7	213.8	202.0	182.8	161.2	148.2	135.6
40,0°	330.2	330.5	330.6	329.3	332.3	333.3	333.4	252.5	236.8	225.2	212.6	184.0	164.5	152.0	133.4
42,5°	339.6	342.3	344.4	347.0	349.2	351.0	351.7	269.7	242.9	235.4	215.5	191.9	173.5	148.5	126.6
45,0°	348.4	354.3	357.6	360.5	361.2	359.7	359.0	275.0	251.7	233.4	223.2	196.8	173.2	145.9	115.7
47,5°	353.3	357.9	364.8	370.0	371.8	370.0	369.8	286.7	259.1	240.3	214.1	191.7	173.1	139.6	109.5
50,0°	347.4	353.3	362.2	373.8	378.3	377.8	377.1	291.9	265.6	242.2	208.3	183.2	164.4	127.8	100.0
52,5°	332.4	336.3	349.3	364.0	371.9	376.6	378.4	291.4	267.6	243.1	209.1	186.7	154.5	116.5	88.3
55,0°	310.6	313.9	327.7	340.0	351.4	362.8	367.9	290.9	267.4	244.2	210.6	177.8	132.6	104.3	72.2
57,5°	269.8	276.8	292.2	307.3	322.6	334.3	340.2	305.9	276.7	240.3	198.1	160.5	114.5	82.2	44.4
60,0°	209.2	220.0	240.4	262.2	280.5	291.8	297.7	289.5	248.1	208.5	167.2	127.8	92.1	55.7	36.9
62,5°	159.5	169.0	180.9	198.3	216.6	227.6	237.6	248.4	208.5	174.4	110.5	108.1	78.1	51.0	39.1
65,0°	113.5	120.6	131.8	142.7	151.6	151.7	147.3	218.4	181.2	146.1	118.7	99.6	69.0	51.3	41.7
67,5°	71.8	73.4	78.6	82.3	85.8	86.1	83.5	231.1	188.1	140.0	110.4	91.0	64.9	51.6	39.5
70,0°	41.4	36.7	36.6	36.2	37.3	42.7	42.8	226.0	189.0	144.2	109.4	86.5	65.2	47.6	34.6
72,5°	24.5	19.3	16.2	14.9	15.4	16.7	17.0	196.5	167.3	82.7	115.3	82.7	63.3	45.3	31.8
75,0°	16.0	12.4	10.6	9.7	9.6	9.4	9.1	158.4	131.1	112.2	87.7	70.9	52.3	37.3	27.7
77,5°	10.2	8.8	7.7	7.2	7.0	6.9	6.8	105.6	84.8	67.9	51.6	47.0	40.8	30.5	26.7
80,0°	7.0	6.4	5.8	5.5	5.3	5.2	5.1	48.4	46.8	40.5	35.2	34.2	31.1	27.3	23.3
82,5°	4.5	4.3	4.0	4.0	4.0	4.0	4.0	30.1	28.7	26.3	24.4	22.3	22.0	19.1	16.5
85,0°	2.4	2.4	2.4	2.4	2.6	2.7	2.8	10.8	12.0	13.2	14.3	14.3	14.8	15.0	13.5
87,5°	1.4	1.3	1.4	1.4	1.4	1.5	1.5	5.8	6.2	7.3	8.0	8.2	8.6	9.2	8.3
90,0°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.3
92,5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
95,0°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
97,5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
100,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
102,5°	0.3	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	1.3
105,0°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
107,5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
110,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
112,5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565M1F108 EAN: 4069025123466	LP number 59563_4
Table of values for luminous intensities		Maximum luminous intensity

siteco

C- planes	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Luminous intensity in cd/klm														
0,0°	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0
2,5°	185.3	185.4	185.5	185.6	185.7	185.8	185.7	185.9	186.2	186.2	186.4	186.6	186.8	186.7	186.4
5,0°	181.1	181.2	181.4	181.4	182.1	182.5	182.6	182.5	182.8	183.1	183.5	183.7	184.2	184.7	185.1
7,5°	175.0	174.4	174.1	173.9	173.2	173.5	173.3	173.9	174.1	174.4	174.3	175.1	175.5	176.4	177.0
10,0°	169.0	169.0	167.0	166.8	166.4	166.3	165.5	164.8	163.4	163.1	163.8	162.4	162.6	161.7	161.8
12,5°	152.6	151.1	149.2	148.9	146.6	149.5	148.6	148.7	149.4	148.3	147.1	148.0	145.0	143.3	141.7
15,0°	133.6	129.3	126.9	125.4	124.0	123.0	122.9	124.3	124.3	124.8	125.9	123.1	121.5	119.0	116.3
17,5°	122.3	116.1	110.5	107.6	105.4	104.2	100.6	100.5	102.3	102.0	100.7	100.4	95.3	92.3	89.8
20,0°	112.9	105.0	99.7	96.6	93.3	90.6	88.1	86.0	85.3	85.6	83.1	81.1	76.1	72.2	69.2
22,5°	112.0	105.6	93.3	86.9	82.4	79.8	79.1	74.7	73.4	73.2	69.7	65.1	60.2	56.4	55.2
25,0°	112.2	103.5	93.0	83.1	76.1	74.1	71.7	68.6	65.8	63.0	58.4	52.6	49.1	47.8	47.4
27,5°	106.2	98.7	91.0	81.3	73.1	70.1	65.3	60.4	57.5	52.2	47.1	43.4	42.7	42.1	41.5
30,0°	110.9	97.2	88.2	78.4	72.6	64.5	59.5	55.2	49.1	43.3	40.2	39.3	38.9	38.6	37.8
32,5°	114.7	99.5	86.8	77.6	69.9	63.3	55.5	48.4	41.9	38.9	38.5	37.6	37.0	36.3	34.8
35,0°	114.9	98.8	83.2	74.8	66.9	56.0	46.0	39.7	37.9	37.3	36.7	36.0	35.1	34.3	33.4
37,5°	113.5	93.1	82.8	75.7	58.5	46.7	40.8	38.9	37.7	36.5	35.3	34.4	33.3	32.3	31.8
40,0°	108.5	92.3	78.4	62.7	48.2	41.6	40.2	39.0	36.9	34.5	33.4	32.4	31.3	30.4	29.6
42,5°	106.0	90.9	70.0	52.0	43.3	41.4	40.5	38.9	36.3	33.8	31.5	30.0	28.8	28.0	27.3
45,0°	99.0	79.5	55.9	45.1	43.6	42.3	40.5	38.1	35.0	31.8	28.6	26.7	25.3	24.3	23.7
47,5°	89.0	64.2	46.7	43.4	42.5	40.9	38.8	36.2	33.0	29.7	26.2	24.0	22.4	21.2	20.5
50,0°	69.7	44.8	39.7	39.5	38.1	36.3	34.2	31.9	29.5	26.5	23.8	21.5	20.0	18.8	17.9
52,5°	54.8	36.3	34.3	33.8	33.1	31.5	30.2	28.0	25.9	23.7	21.5	19.6	18.2	17.1	16.3
55,0°	42.7	33.5	30.1	29.4	28.9	27.6	26.2	24.5	22.6	20.9	19.4	17.7	16.5	15.5	14.8
57,5°	33.3	28.7	26.5	26.0	25.3	24.6	23.1	21.2	19.4	18.1	17.0	15.6	14.7	14.0	13.5
60,0°	30.7	27.0	23.9	22.9	22.5	21.8	20.4	18.4	16.9	15.5	14.5	13.4	13.0	12.5	12.4
62,5°	34.0	27.3	22.1	21.0	19.7	18.8	17.6	16.2	14.6	13.6	12.5	11.9	11.5	11.4	11.1
65,0°	34.8	25.8	22.9	21.3	19.2	17.3	15.5	14.2	13.1	12.4	11.5	11.0	10.6	10.2	9.8
67,5°	30.5	26.0	24.7	22.9	20.4	17.1	15.2	14.1	13.2	12.1	11.2	10.3	9.6	9.1	8.7
70,0°	26.3	22.7	20.5	18.6	17.5	15.1	14.0	13.6	12.7	11.8	10.9	10.0	9.2	8.5	8.0
72,5°	23.9	21.3	18.4	17.0	15.6	13.3	12.3	11.7	11.2	10.5	9.9	9.3	8.6	8.1	7.4
75,0°	23.6	21.6	19.1	16.3	14.4	12.9	11.7	10.8	10.1	9.2	8.5	8.0	7.6	7.1	6.6
77,5°	24.1	22.0	19.4	16.8	14.8	13.1	11.4	10.3	9.4	8.5	7.4	6.9	6.4	5.9	5.6
80,0°	20.8	18.6	17.3	15.8	14.0	12.3	10.9	9.2	8.3	7.5	6.6	5.9	5.4	4.9	4.5
82,5°	15.8	15.2	14.3	13.2	11.7	10.7	9.4	8.1	6.8	6.2	5.6	4.9	4.4	4.0	3.6
85,0°	12.3	12.0	11.4	10.0	9.0	8.0	7.3	6.2	5.4	4.8	4.4	4.0	3.5	3.1	2.7
87,5°	7.9	7.8	7.4	6.9	6.4	5.6	5.2	4.5	4.0	3.5	3.1	2.9	2.6	2.3	2.1
90,0°	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3
92,5°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2
95,0°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
97,5°	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2
100,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
102,5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
105,0°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
107,5°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
110,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
112,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565M1F108 EAN: 4069025123466	LP number 59563_4
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm													Luminous flux in lm/klm	
0,0°	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	187.0	0.3	0.3
2,5°	186.1	186.0	186.1	186.1	186.0	186.1	186.0	185.8	185.5	185.7	185.7	185.7	185.9	2.2	2.5
5,0°	186.0	185.9	186.4	186.7	186.2	186.3	186.2	186.7	187.1	187.7	188.4	188.5	188.4	4.6	7.1
7,5°	177.7	178.5	179.1	179.9	180.5	181.4	182.2	182.8	183.1	183.8	183.9	183.8	183.5	6.9	14.0
10,0°	162.4	162.4	163.6	164.7	164.5	165.2	165.2	165.8	166.0	166.5	167.4	167.8	167.6	9.3	23.4
12,5°	141.4	140.7	140.4	140.5	140.7	141.1	141.5	141.5	141.0	140.9	141.4	141.9	141.9	11.3	34.7
15,0°	114.1	112.9	112.8	112.8	113.0	113.1	113.1	113.5	113.6	113.5	113.6	113.1	113.0	12.7	47.4
17,5°	87.1	86.4	86.0	85.5	85.1	85.6	85.5	85.2	84.9	84.8	84.1	83.6	83.5	13.7	61.1
20,0°	67.7	67.7	66.9	66.7	66.3	65.8	65.2	64.6	64.1	63.6	62.7	62.6	63.0	14.4	75.5
22,5°	54.5	54.0	53.6	52.9	52.3	51.9	51.2	50.6	49.8	49.2	48.7	48.3	48.4	15.8	91.3
25,0°	46.7	46.1	45.5	44.6	43.9	43.0	42.4	41.5	41.0	40.6	40.4	40.1	39.9	17.6	108.9
27,5°	40.9	39.8	38.9	37.9	37.2	36.4	35.3	34.8	34.4	34.2	33.9	33.8	33.7	19.9	128.8
30,0°	36.6	35.3	34.1	33.1	32.4	31.5	30.8	30.3	29.8	29.6	29.5	29.4	29.4	22.7	151.5
32,5°	33.8	32.7	31.5	30.6	29.9	29.3	28.6	27.9	27.5	27.3	27.1	26.9	27.1	25.9	177.4
35,0°	32.2	31.3	30.2	29.5	28.9	28.1	27.7	27.0	26.5	25.9	25.6	25.2	25.3	29.5	206.9
37,5°	30.9	30.1	29.4	28.8	28.1	27.4	27.0	26.3	25.4	24.8	24.4	24.2	24.2	33.2	240.1
40,0°	28.9	28.2	27.6	27.2	27.1	26.6	26.0	25.4	24.8	24.3	23.8	23.5	23.3	36.8	276.9
42,5°	26.7	26.3	26.1	26.0	25.8	25.2	25.0	24.5	24.1	23.6	23.2	23.0	23.3	40.3	317.2
45,0°	23.6	24.2	24.3	24.2	24.0	23.9	23.6	23.2	22.5	21.7	21.2	20.6	20.4	44.0	361.2
47,5°	20.2	20.4	20.3	20.3	20.5	20.7	20.9	20.3	19.6	19.3	19.0	19.2	19.4	47.4	408.6
50,0°	17.3	16.8	16.6	16.8	17.3	17.4	17.5	17.4	16.8	16.5	16.5	16.5	16.6	50.3	458.9
52,5°	15.6	15.2	14.9	14.7	14.5	14.4	14.0	13.6	13.3	13.2	13.2	13.2	13.1	53.1	512.0
55,0°	14.1	13.8	13.6	13.3	12.8	12.2	11.8	11.5	11.2	11.0	11.0	11.1	11.0	55.4	567.3
57,5°	13.1	12.7	12.3	11.8	11.5	11.1	10.7	10.3	9.9	9.5	9.2	8.9	8.8	57.2	624.5
60,0°	12.2	11.7	11.2	10.7	10.4	10.3	9.9	9.4	9.0	8.6	8.3	8.1	8.1	57.4	681.9
62,5°	10.7	10.3	10.0	9.8	9.7	9.5	9.2	8.8	8.4	7.9	7.7	7.5	7.4	55.8	737.7
65,0°	9.4	9.2	9.0	9.0	8.9	8.7	8.4	8.1	7.8	7.4	7.1	7.1	7.0	53.7	791.4
67,5°	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.0	6.7	6.6	6.6	6.8	6.8	50.2	841.6
70,0°	7.7	7.3	7.0	6.7	6.4	6.3	6.2	6.0	5.8	5.7	5.8	6.1	6.3	46.0	887.6
72,5°	7.0	6.5	6.2	5.9	5.5	5.3	5.2	5.1	5.0	4.9	4.9	4.9	5.0	39.7	927.3
75,0°	6.2	5.8	5.4	5.0	4.7	4.5	4.3	4.2	4.2	4.1	4.1	4.0	4.0	31.2	958.4
77,5°	5.1	4.8	4.5	4.2	3.9	3.8	3.6	3.6	3.5	3.4	3.4	3.3	3.3	19.8	978.2
80,0°	4.0	3.7	3.6	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.8	9.8	988.0
82,5°	3.2	3.0	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	4.8	992.8
85,0°	2.5	2.3	2.2	2.1	2.1	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	994.8
87,5°	1.9	1.8	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.1	995.9
90,0°	1.2	1.2	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.4	996.3
92,5°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.3	996.6
95,0°	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.3	996.9
97,5°	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.3	997.2
100,0°	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.3	997.4
102,5°	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.3	997.7
105,0°	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.2	997.9
107,5°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.2	998.2
110,0°	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.2	998.4
112,5°	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.2	998.6

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565M1F108 EAN: 4069025123466	LP number 59563_4
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0,0° 180,0°	2,5° 177,5°	5,0° 175,0°	7,5° 172,5°	10,0° 170,0°	12,5° 167,5°	15,0° 165,0°	17,5° 162,5°	20,0° 160,0°	22,5° 157,5°	25,0° 155,0°	27,5° 152,5°	30,0° 150,0°	32,5° 147,5°	35,0° 145,0°
γ	Luminous intensity in cd/klm														
115,0°	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5
117,5°	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4
120,0°	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
122,5°	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4
125,0°	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4
127,5°	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
130,0°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
132,5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
135,0°	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4

Photometric test report

Family
LARGE BELL LED

Order number: 5XA1565M1F108
EAN: 4069025123466

LP number
59563_4

siteco

C- planes	37,5° 142,5°	40,0° 140,0°	42,5° 137,5°	45,0° 135,0°	47,5° 132,5°	50,0° 130,0°	52,5° 127,5°	55,0° 125,0°	57,5° 122,5°	60,0° 120,0°	62,5° 117,5°	65,0° 115,0°	67,5° 112,5°	70,0° 110,0°	72,5° 107,5°
γ	Luminous intensity in cd/klm														
115,0°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
117,5°	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
120,0°	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
122,5°	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
125,0°	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
127,5°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
130,0°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
132,5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
135,0°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2

Photometric test report

Family
LARGE BELL LED

Order number: 5XA1565M1F108
EAN: 4069025123466

LP number
59563_4

siteco

C- planes	75,0° 105,0°	77,5° 102,5°	80,0° 100,0°	82,5° 97,5°	85,0° 95,0°	87,5° 92,5°	90,0°	182,5° 357,5°	185,0° 355,0°	187,5° 352,5°	190,0° 350,0°	192,5° 347,5°	195,0° 345,0°	197,5° 342,5°	200,0° 340,0°
γ	Luminous intensity in cd/klm														
115,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
117,5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
120,0°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2
122,5°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
125,0°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
127,5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1
130,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
132,5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0
135,0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565M1F108 EAN: 4069025123466	LP number 59563_4 siteco
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C- planes	202,5° 337,5°	205,0° 335,0°	207,5° 332,5°	210,0° 330,0°	212,5° 327,5°	215,0° 325,0°	217,5° 322,5°	220,0° 320,0°	222,5° 317,5°	225,0° 315,0°	227,5° 312,5°	230,0° 310,0°	232,5° 307,5°	235,0° 305,0°	237,5° 302,5°
γ	Luminous intensity in cd/klm														
115,0°	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
117,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
120,0°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
122,5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
125,0°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
127,5°	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
130,0°	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
132,5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
135,0°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2

C- planes	240,0° 300,0°	242,5° 297,5°	245,0° 295,0°	247,5° 292,5°	250,0° 290,0°	252,5° 287,5°	255,0° 285,0°	257,5° 282,5°	260,0° 280,0°	262,5° 277,5°	265,0° 275,0°	267,5° 272,5°	270,0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm													Luminous flux in lm/klm	
115,0°	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.2	998.8
117,5°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.2	999.0
120,0°	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.2	999.1
122,5°	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.2	999.3
125,0°	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.2	999.5
127,5°	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.2	999.6
130,0°	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	999.8
132,5°	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.1	999.9
135,0°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.1	1000.1

Photometric test report

Family LARGE BELL LED	Order number: 5XA1565M1F108 EAN: 4069025123466	LP number 59563_4
Dimming levels table environmental temperature: 25°C		

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	4470	34.3	37.7	36.0
95	241	252	4241	32.1	35.2	33.7
90	229	250	4030	30.2	33.0	31.6
85	216	248	3801	28.1	30.8	29.4
80	203	246	3572	26.1	28.6	27.4
75	190	243	3344	24.2	26.5	25.4
70	178	241	3133	22.4	24.6	23.5
65	165	238	2904	20.6	22.5	21.6
60	152	235	2675	18.8	20.6	19.7
55	140	232	2464	17.2	18.8	18.0
50	127	229	2235	15.5	17.0	16.2
45	114	225	2006	13.9	15.1	14.5
40	102	221	1795	12.4	13.6	13.0
35	89	216	1566	10.8	11.8	11.3
30	76	210	1337	9.2	10.1	9.6
25	63	203	1109	7.7	8.4	8.0
20	51	195	898	6.4	6.9	6.6
15	38	184	669	4.9	5.3	5.1
11	29	175	510	3.8	4.1	4.0