

Photometric test report

Family
LARGE BELL LED

Order number: **5XA1563E1B208**
EAN: **4058352168134**

LP number
57652_9



Version

Optic asymmetric wide distribution

Cover -----

Lamps LED 3000 K | CRI ≥ 70

Controlgear ECG Plus

Rated values
Net luminous flux = 3210 lm
Power consumption = 23.4 W
Luminous efficacy = 137.2 lm/W

serial
documentation
18.07.2022

siteco

Luminous intensity in cd/klm

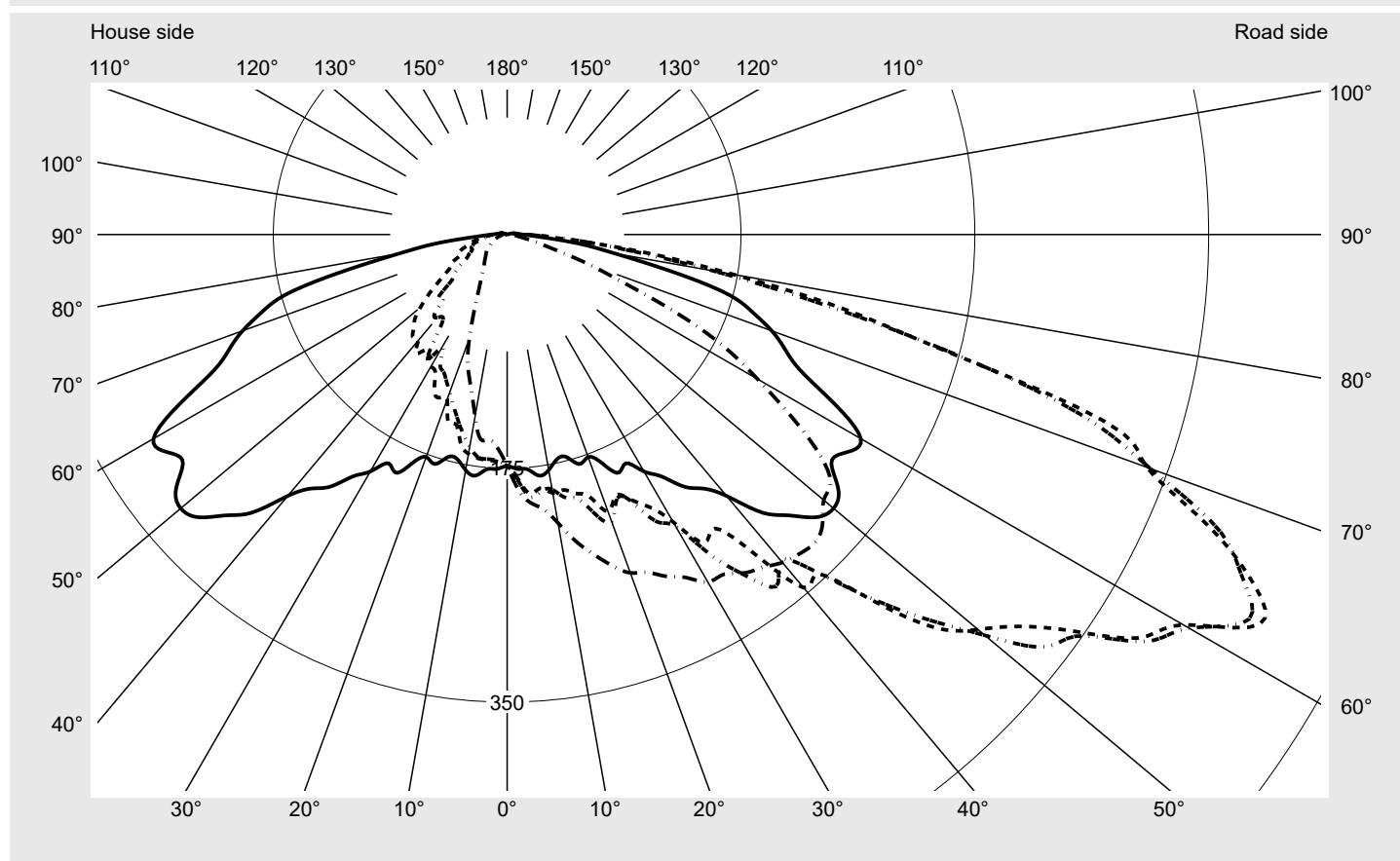
C180-0

C205-25

C210-30

C270-90

Imax: 633 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	98.8%
Eta 90° - 180°	1.2%

Luminous intensity class acc. to EN13201-2

Class:	G1
Imax 70°	512.3
Imax 80°	171.6
Imax 90°	14.7
Imax >90°	9.1
Imax >95°	7.1

Measurement conditions

DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm

KMK 62.5°

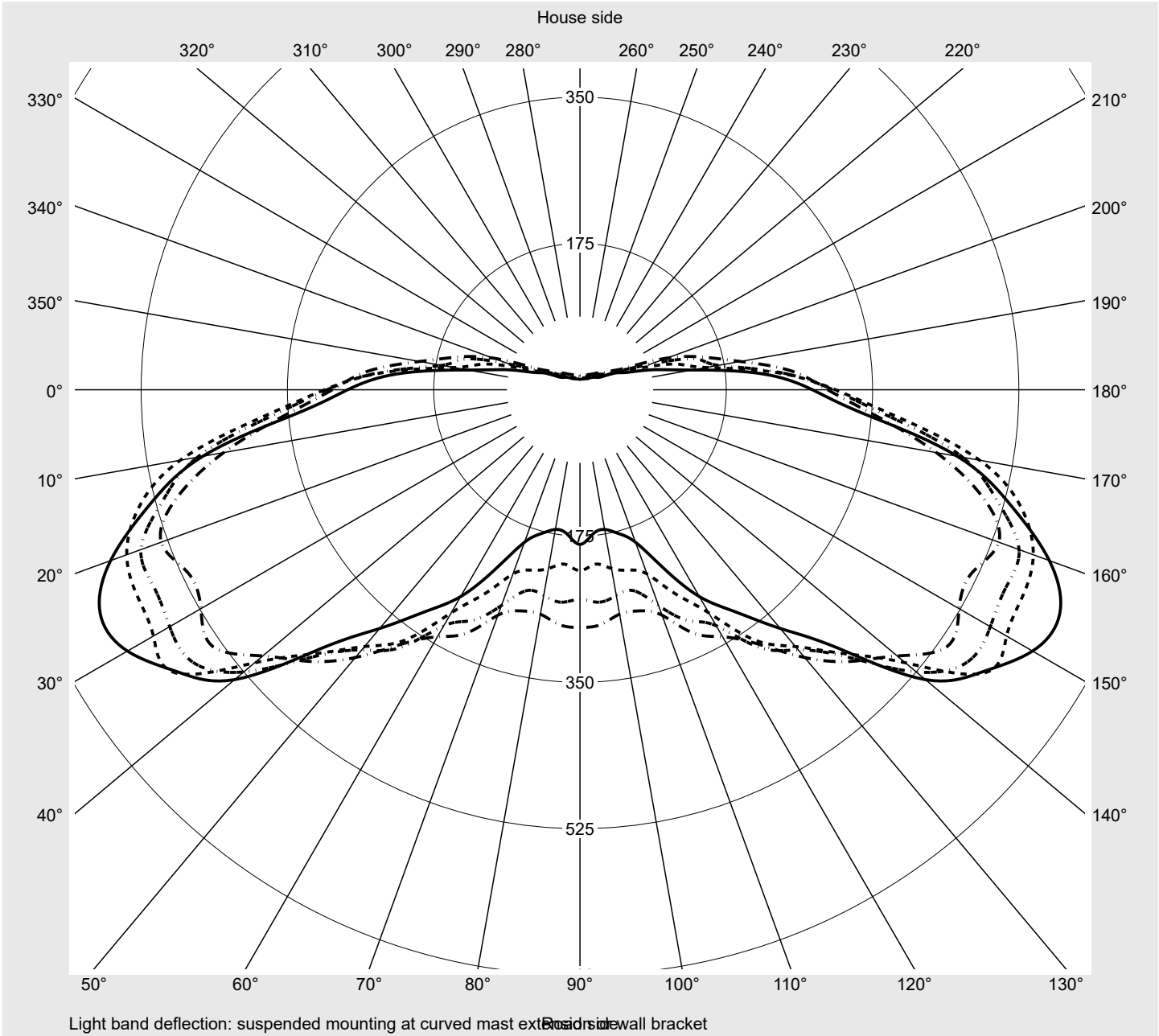
KMK 60°

KMK 57.5°

KMK 55°

sit

eco



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Family LARGE BELL LED	Order number: 5XA1563E1B208 EAN: 4058352168134	LP number 57652_9
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°	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3
2,5°	175.6	176.8	178.4	179.8	181.4	182.8	184.1	185.3	186.4	187.2	187.7	188.1	188.9
5,0°	176.4	179.2	182.2	185.9	190.1	194.5	197.1	198.2	199.5	199.7	199.0	199.5	199.7
7,5°	182.0	184.5	191.0	193.6	193.7	191.5	194.1	196.9	199.0	201.4	203.0	205.4	205.4
10,0°	179.0	183.5	184.9	188.5	195.7	196.5	193.7	196.8	201.1	205.1	209.1	212.5	213.0
12,5°	172.3	177.1	182.0	186.1	190.5	195.8	201.8	206.6	209.8	214.6	217.8	225.2	227.6
15,0°	172.6	177.1	181.2	188.3	196.3	200.8	204.8	207.2	213.6	218.3	223.6	232.5	234.6
17,5°	180.1	186.2	189.7	187.8	196.9	205.9	219.5	220.8	216.0	221.8	231.1	238.9	243.4
20,0°	177.2	181.7	181.6	192.3	205.0	220.7	228.5	229.5	228.2	228.0	232.5	243.4	245.2
22,5°	185.1	184.0	197.3	204.2	208.5	211.7	214.4	220.0	227.4	236.9	245.2	247.1	255.0
25,0°	196.8	183.3	206.4	221.1	210.7	218.9	220.7	231.2	253.0	259.6	253.7	256.6	260.1
27,5°	192.9	198.1	211.1	215.4	226.4	229.8	242.3	249.2	264.1	271.6	272.6	276.4	281.7
30,0°	204.8	207.5	221.8	231.4	233.2	248.4	252.2	265.7	284.8	281.4	286.9	293.9	306.1
32,5°	214.6	219.9	237.5	273.6	253.8	273.4	285.1	277.2	294.5	303.0	308.0	307.0	310.4
35,0°	230.3	230.6	244.5	265.2	262.7	268.9	312.0	300.0	293.4	306.2	306.4	322.6	326.1
37,5°	239.6	280.6	259.4	282.2	287.7	296.6	331.4	334.3	323.2	340.2	341.5	342.0	338.9
40,0°	255.4	283.3	300.3	305.1	289.4	345.0	318.1	350.2	357.7	370.0	370.3	365.2	354.3
42,5°	282.2	308.3	308.8	315.5	317.0	344.7	342.6	360.2	375.0	380.6	384.0	376.9	365.5
45,0°	297.3	302.4	323.1	347.1	363.3	388.1	384.9	396.0	416.8	381.4	404.2	413.9	375.0
47,5°	313.3	320.2	356.2	369.4	399.7	436.0	426.4	402.2	415.2	427.7	423.7	411.2	381.4
50,0°	318.9	355.1	409.6	422.6	431.9	459.9	466.8	444.4	458.2	465.2	419.7	405.4	370.8
52,5°	312.3	369.2	424.0	471.9	468.3	481.9	507.2	494.7	501.6	474.7	419.9	384.6	358.6
55,0°	296.3	355.1	432.8	499.3	533.2	517.6	523.7	535.9	495.3	459.4	418.1	371.3	341.2
57,5°	302.7	372.6	464.7	517.5	559.0	561.7	566.8	566.8	525.1	451.9	406.2	376.9	326.0
60,0°	305.6	383.3	485.6	546.8	577.1	584.3	589.2	590.7	508.0	446.3	401.0	365.9	308.2
62,5°	278.0	344.1	458.3	533.5	597.6	633.3	625.1	588.1	539.4	437.5	372.7	324.4	285.7
65,0°	243.3	324.4	405.3	511.7	587.5	615.5	607.0	582.2	527.2	429.0	362.7	299.0	241.5
67,5°	225.3	292.1	374.3	477.2	531.9	566.8	575.9	521.3	492.3	412.3	329.8	264.7	221.3
70,0°	210.7	285.2	358.5	443.7	493.6	509.3	512.3	480.4	405.8	340.7	285.6	238.5	187.7
72,5°	192.1	267.6	321.1	380.6	436.4	473.1	452.6	413.5	347.7	277.9	218.4	191.2	151.8
75,0°	169.4	220.3	261.9	312.8	350.0	345.3	349.0	337.5	280.4	231.6	188.9	141.5	116.5
77,5°	122.9	172.6	188.9	242.1	279.5	259.1	243.4	217.3	190.7	157.0	128.0	96.5	83.7
80,0°	82.4	108.5	133.5	160.3	161.4	171.6	157.0	132.0	112.5	107.2	85.1	58.2	44.6
82,5°	57.0	67.9	82.9	94.4	96.5	105.8	93.4	83.0	69.1	68.4	49.7	34.1	25.5
85,0°	30.4	35.1	46.5	50.6	48.1	49.8	54.6	41.5	38.5	36.2	25.0	16.8	13.9
87,5°	17.6	21.0	24.3	26.3	23.8	27.0	28.2	21.1	19.9	18.1	12.7	8.9	6.8
90,0°	11.9	12.5	13.1	14.7	12.6	13.3	12.6	11.0	9.3	8.3	6.8	4.7	3.8
92,5°	8.8	8.7	8.9	8.4	8.1	8.1	7.8	7.7	6.0	5.4	4.3	3.3	2.8
95,0°	7.4	7.2	6.9	6.5	6.4	5.8	5.5	5.1	4.5	3.9	3.3	2.7	2.4
97,5°	6.4	6.2	6.0	5.7	5.4	5.1	4.7	4.4	3.8	3.3	2.9	2.5	2.2
100,0°	5.6	5.4	5.2	5.0	4.8	4.5	4.2	3.8	3.4	3.1	2.7	2.3	2.0
102,5°	4.5	4.4	4.3	4.1	4.0	3.8	3.5	3.3	3.0	2.7	2.4	2.1	1.8
105,0°	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
107,5°	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.3
110,0°	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1
112,5°	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9

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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°	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3
2,5°	189.6	189.9	190.2	190.9	191.2	191.0	173.7	172.4	171.5	170.7	170.0	169.4	168.4
5,0°	200.5	200.8	200.5	201.3	201.9	201.6	174.5	172.3	170.8	170.2	169.5	168.7	167.8
7,5°	205.6	207.0	209.0	209.8	208.3	207.4	176.6	172.8	172.9	171.1	168.9	167.9	164.3
10,0°	214.7	218.6	220.0	221.6	220.3	219.2	177.4	173.4	169.2	167.8	166.7	161.2	156.1
12,5°	230.0	231.4	231.2	234.1	234.3	234.6	168.9	167.3	164.1	159.8	160.3	152.6	148.2
15,0°	237.3	243.7	246.6	246.3	247.1	247.4	173.2	168.3	160.4	155.4	147.3	143.1	135.3
17,5°	244.4	252.2	255.0	257.4	257.4	259.6	176.1	168.3	157.2	149.2	146.8	134.0	126.3
20,0°	253.8	260.9	263.6	265.4	264.7	269.5	182.8	176.6	153.4	140.5	131.2	125.6	117.9
22,5°	265.9	271.8	274.0	276.0	274.5	273.7	175.0	165.2	159.6	141.8	132.2	118.7	111.2
25,0°	266.2	278.7	282.8	284.1	279.5	282.4	179.0	155.9	151.0	147.6	129.0	113.1	100.2
27,5°	282.8	281.4	292.3	294.5	287.5	289.4	185.4	159.8	158.0	133.5	116.3	108.5	95.8
30,0°	293.6	293.3	303.8	303.8	300.3	300.3	196.5	168.4	157.4	132.7	114.1	97.3	84.1
32,5°	315.4	309.3	319.2	313.1	307.2	301.6	207.8	183.6	163.5	134.5	109.1	110.3	81.1
35,0°	324.5	325.2	325.5	325.0	313.6	309.3	201.6	176.4	164.3	124.7	104.8	91.7	74.4
37,5°	338.3	337.0	328.5	329.2	322.3	314.1	217.3	203.7	177.6	134.0	112.2	78.7	67.0
40,0°	355.1	355.3	341.2	334.0	325.5	320.5	225.5	197.1	178.0	136.1	103.7	81.1	60.4
42,5°	356.4	346.5	337.5	338.9	329.6	324.0	220.8	207.7	176.0	134.1	104.3	80.1	55.6
45,0°	357.8	334.9	333.3	342.0	325.5	326.0	270.3	196.6	173.4	131.2	98.7	67.6	49.4
47,5°	354.3	337.0	332.5	335.6	316.0	320.2	265.4	202.4	176.0	131.2	93.7	69.9	50.2
50,0°	349.0	329.5	323.7	319.7	308.3	309.3	239.4	206.1	169.9	130.3	84.6	55.4	43.7
52,5°	331.2	305.4	300.6	299.8	298.4	305.1	267.6	199.8	163.1	119.7	74.5	50.5	40.7
55,0°	321.3	287.0	273.9	272.6	282.0	284.3	254.8	194.9	151.3	110.7	63.9	46.0	35.6
57,5°	304.5	274.5	248.9	249.8	255.1	250.6	239.4	167.9	142.6	89.4	55.3	40.2	32.4
60,0°	269.1	234.4	223.4	217.1	209.4	216.3	236.2	153.0	118.7	75.0	49.2	34.6	28.5
62,5°	234.6	194.1	178.0	169.7	173.6	184.9	218.9	136.1	92.8	61.2	47.8	32.4	25.8
65,0°	200.8	167.1	138.0	128.0	138.1	142.9	192.8	114.7	76.4	57.2	40.9	29.5	24.8
67,5°	159.3	130.0	110.1	95.8	94.4	94.9	157.5	97.8	69.5	51.9	37.3	28.4	23.4
70,0°	130.3	97.9	77.4	69.2	62.7	64.7	153.4	98.9	68.7	48.1	37.8	28.5	22.4
72,5°	105.8	73.4	52.4	44.9	40.7	37.2	123.4	98.7	65.2	44.7	34.5	26.9	21.5
75,0°	88.8	55.1	37.0	29.2	26.1	23.7	109.9	72.1	52.4	40.1	30.3	25.8	20.4
77,5°	61.9	40.2	25.0	18.1	16.2	14.4	78.2	63.8	40.9	33.7	26.9	21.8	18.9
80,0°	39.1	24.4	17.5	10.7	10.1	9.3	66.8	46.6	33.5	28.7	23.9	19.4	16.0
82,5°	19.9	13.1	9.6	7.2	6.4	6.4	42.8	33.5	25.3	22.4	19.4	16.3	14.4
85,0°	9.3	6.7	5.4	4.8	4.5	4.2	25.2	22.9	18.1	17.2	16.1	14.2	12.4
87,5°	5.0	4.0	3.4	3.2	3.1	2.9	17.0	15.0	13.9	13.2	12.4	11.5	10.2
90,0°	3.3	2.7	2.5	2.3	2.2	2.2	11.5	11.0	10.8	11.0	10.4	10.0	9.5
92,5°	2.5	2.1	1.9	1.8	1.7	1.7	8.8	8.7	8.9	9.1	8.8	8.8	8.4
95,0°	2.0	1.8	1.6	1.5	1.4	1.4	7.4	7.5	7.8	8.0	7.9	7.8	7.8
97,5°	1.9	1.6	1.4	1.3	1.3	1.2	6.5	6.7	6.8	7.0	7.1	7.1	7.0
100,0°	1.7	1.5	1.3	1.2	1.1	1.1	5.6	5.8	5.9	6.0	6.1	6.2	6.2
102,5°	1.6	1.4	1.2	1.1	1.0	1.0	4.6	4.7	4.9	5.0	5.1	5.2	5.2
105,0°	1.4	1.2	1.1	1.0	0.9	0.9	3.7	3.8	3.9	4.0	4.1	4.2	4.2
107,5°	1.2	1.0	0.9	0.9	0.8	0.8	2.9	3.0	3.1	3.2	3.3	3.4	3.4
110,0°	1.0	0.9	0.8	0.8	0.8	0.7	2.4	2.5	2.5	2.6	2.7	2.8	2.9
112,5°	0.8	0.8	0.7	0.7	0.7	0.6	2.0	2.1	2.1	2.2	2.2	2.3	2.4

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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°	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	173.3	0.3	0.3
2,5°	167.6	166.5	165.1	163.6	162.7	161.2	160.3	159.6	159.9	160.1	160.3	2.1	2.4
5,0°	166.5	164.9	164.3	162.5	160.6	159.6	159.1	158.5	157.4	155.3	154.5	4.3	6.7
7,5°	160.9	158.0	157.4	155.8	154.5	155.1	155.1	152.4	150.8	152.6	154.2	6.5	13.1
10,0°	152.1	148.6	145.7	143.6	142.1	141.2	140.4	140.1	139.6	138.6	138.1	8.5	21.6
12,5°	148.2	142.8	138.0	132.5	128.4	126.4	125.0	123.2	122.0	121.2	122.1	10.5	32.2
15,0°	128.8	132.8	126.9	122.3	115.5	113.9	111.4	109.9	108.7	109.8	109.9	12.4	44.6
17,5°	120.5	115.1	110.9	105.9	102.1	100.3	96.5	94.9	94.9	96.2	98.4	14.4	59.0
20,0°	113.8	102.6	98.7	93.1	87.7	83.7	82.4	81.9	81.4	81.9	82.7	16.2	75.2
22,5°	97.3	89.1	86.7	80.3	74.7	69.5	68.9	68.3	67.1	67.3	67.0	17.9	93.1
25,0°	84.8	78.4	72.8	67.3	63.1	59.6	57.9	57.0	55.1	54.5	54.5	19.8	112.9
27,5°	78.5	66.3	60.3	56.1	53.4	51.0	48.4	47.8	46.5	46.0	45.5	22.0	134.8
30,0°	71.3	60.1	56.4	49.7	46.8	44.9	42.8	40.5	39.6	39.4	39.4	24.5	159.3
32,5°	66.7	54.5	48.6	44.4	42.3	39.9	37.7	36.4	35.6	34.9	34.9	27.5	186.8
35,0°	61.9	50.0	43.1	39.7	37.7	35.6	34.0	32.4	31.2	31.1	30.8	29.6	216.5
37,5°	55.0	46.3	41.2	38.8	35.3	33.3	32.1	30.3	28.8	28.5	28.2	33.3	249.8
40,0°	48.2	42.3	38.6	35.9	34.1	31.4	29.2	28.0	27.1	26.3	26.3	36.6	286.3
42,5°	48.2	42.3	37.2	33.8	31.6	29.6	27.7	26.3	25.3	24.7	24.4	39.4	325.7
45,0°	43.6	39.7	35.9	31.7	28.8	26.9	25.6	24.5	23.9	22.9	22.8	42.8	368.5
47,5°	41.7	38.0	34.0	30.0	26.9	25.0	23.7	22.6	22.3	21.8	21.5	46.1	414.6
50,0°	38.8	35.3	31.6	27.2	24.8	23.1	22.1	21.2	20.5	20.2	20.2	49.1	463.7
52,5°	35.7	32.1	28.8	25.6	23.6	21.3	20.4	20.0	18.7	18.6	18.9	51.5	515.2
55,0°	31.9	28.2	25.0	22.6	21.2	19.6	18.4	18.3	17.5	17.5	17.3	52.7	567.9
57,5°	29.0	25.0	22.8	20.4	19.1	17.5	16.7	16.3	16.0	15.9	15.4	54.1	622.0
60,0°	26.1	22.6	20.2	18.1	17.1	15.9	15.1	14.7	14.6	14.3	14.1	54.3	676.3
62,5°	23.2	21.0	18.6	16.3	15.2	14.4	13.8	13.3	13.1	12.7	12.5	53.0	729.3
65,0°	22.0	19.4	17.3	15.4	13.8	13.1	12.7	11.9	11.5	11.7	11.5	50.2	779.4
67,5°	20.5	17.8	15.7	14.3	13.0	11.9	11.4	10.7	10.6	10.4	10.3	45.9	825.4
70,0°	19.6	16.7	14.4	13.0	12.0	10.9	10.1	9.6	9.3	9.3	9.0	41.6	866.9
72,5°	18.1	15.2	13.0	11.9	10.6	9.6	9.0	8.5	8.0	7.9	8.0	36.2	903.2
75,0°	17.0	14.1	12.2	10.6	9.5	8.7	8.0	7.5	7.1	6.9	7.1	29.5	932.7
77,5°	15.5	12.8	11.1	9.6	8.3	7.5	7.1	6.6	6.1	5.9	5.8	21.8	954.4
80,0°	13.8	11.7	9.9	8.5	7.4	6.6	6.1	5.6	5.1	5.0	4.8	14.5	969.0
82,5°	12.7	10.7	8.8	7.7	6.7	6.1	5.4	5.0	4.6	4.3	4.5	9.3	978.3
85,0°	10.8	9.6	8.0	7.0	6.2	5.5	4.8	4.6	4.1	4.0	3.8	5.4	983.7
87,5°	9.3	8.3	7.3	6.5	5.9	5.3	4.7	4.3	3.9	3.7	3.7	3.3	987.0
90,0°	8.4	7.7	7.0	6.3	5.7	5.2	4.7	4.3	4.0	3.8	3.7	2.1	989.1
92,5°	8.0	7.5	6.9	6.3	5.8	5.4	4.9	4.5	4.2	3.9	3.9	1.7	990.8
95,0°	7.5	7.1	6.8	6.4	5.9	5.5	5.1	4.7	4.4	4.2	4.1	1.4	992.2
97,5°	6.9	6.6	6.4	6.1	5.8	5.4	5.0	4.7	4.5	4.3	4.2	1.3	993.5
100,0°	6.1	6.0	5.8	5.6	5.4	5.1	4.8	4.5	4.3	4.1	4.1	1.2	994.7
102,5°	5.2	5.1	5.0	4.9	4.7	4.5	4.3	4.1	3.9	3.8	3.8	1.0	995.7
105,0°	4.3	4.2	4.2	4.1	4.0	3.8	3.7	3.5	3.3	3.3	3.2	0.8	996.5
107,5°	3.5	3.5	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.7	0.6	997.2
110,0°	2.9	2.9	2.9	2.8	2.7	2.6	2.5	2.3	2.2	2.2	2.1	0.5	997.7
112,5°	2.4	2.4	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.7	0.4	998.1

Photometric test report

Family LARGE BELL LED	Order number: 5XA1563E1B208 EAN: 4058352168134	LP number 57652_9
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°	1.7	1.6	1.5	1.4	1.3	1.3	1.1	1.1	1.0	0.9	0.8	0.8	0.7
117,5°	1.5	1.4	1.3	1.2	1.2	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.6
120,0°	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5
122,5°	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.4
125,0°	1.1	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4
127,5°	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3
130,0°	0.9	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	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
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
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
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
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: 5XA1563E1B208 EAN: 4058352168134	LP number 57652_9 siteco
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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°	0.7	0.6	0.6	0.6	0.6	0.6	1.7	1.8	1.9	1.9	2.0	2.0	2.1
117,5°	0.6	0.5	0.5	0.5	0.5	0.5	1.5	1.6	1.7	1.7	1.7	1.8	1.8
120,0°	0.5	0.4	0.4	0.4	0.4	0.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
122,5°	0.4	0.4	0.4	0.3	0.4	0.4	1.3	1.3	1.4	1.4	1.4	1.4	1.5
125,0°	0.3	0.3	0.3	0.3	0.3	0.3	1.2	1.2	1.3	1.3	1.3	1.4	1.4
127,5°	0.3	0.3	0.3	0.3	0.3	0.3	1.1	1.1	1.2	1.2	1.2	1.3	1.3
130,0°	0.3	0.3	0.3	0.2	0.2	0.2	1.0	1.1	1.1	1.1	1.2	1.2	1.2
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
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
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
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
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

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°	2.1	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.5	0.4	998.4
117,5°	1.8	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.3	1.3	0.3	998.7
120,0°	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.2	0.3	999.0
122,5°	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	0.2	999.2
125,0°	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	0.2	999.4
127,5°	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.2	999.6
130,0°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.4	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
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
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
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
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: 5XA1563E1B208 EAN: 4058352168134	LP number 57652_9
Dimming levels table	environmental temperature: 25°C	siteco

Luminous flux %	Dimming level linear	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	3210	23.4	24.3	23.8
95	241	3046	22.1	22.9	22.5
90	229	2894	20.9	21.6	21.2
85	216	2730	19.6	20.3	20.0
80	203	2565	18.3	18.9	18.6
75	190	2401	17.1	17.6	17.4
70	178	2250	16.0	16.6	16.3
65	165	2085	14.8	15.3	15.0
60	152	1921	13.6	14.1	13.8
55	140	1769	12.7	13.0	12.8
50	127	1605	11.5	11.9	11.7
45	114	1441	10.5	10.8	10.6
40	102	1289	9.5	9.9	9.7
35	89	1125	8.5	8.7	8.6
30	76	960	7.5	7.7	7.6
25	63	796	6.5	6.6	6.6
20	51	645	5.5	5.6	5.6
15	38	480	4.5	4.6	4.6
14	36	455	4.2	4.4	4.3