

Photometric test report

Family LARGE BELL LED



Order number: 5XA1563K1B108
EAN: 4058352168035

LP number
57651_8

Version suspended mounting at curved mast extension
or wall bracket

Optic asymmetric wide distribution

Cover enclosure, transparent

Lamps LED 4000 K | CRI ≥ 70

Controlgear ECG Plus

Rated values Net luminous flux = 3320 lm
Power consumption = 23.4 W
Luminous efficacy = 141.9 lm/W

serial
documentation
18.11.2020

siteco

Luminous intensity in cd/klm

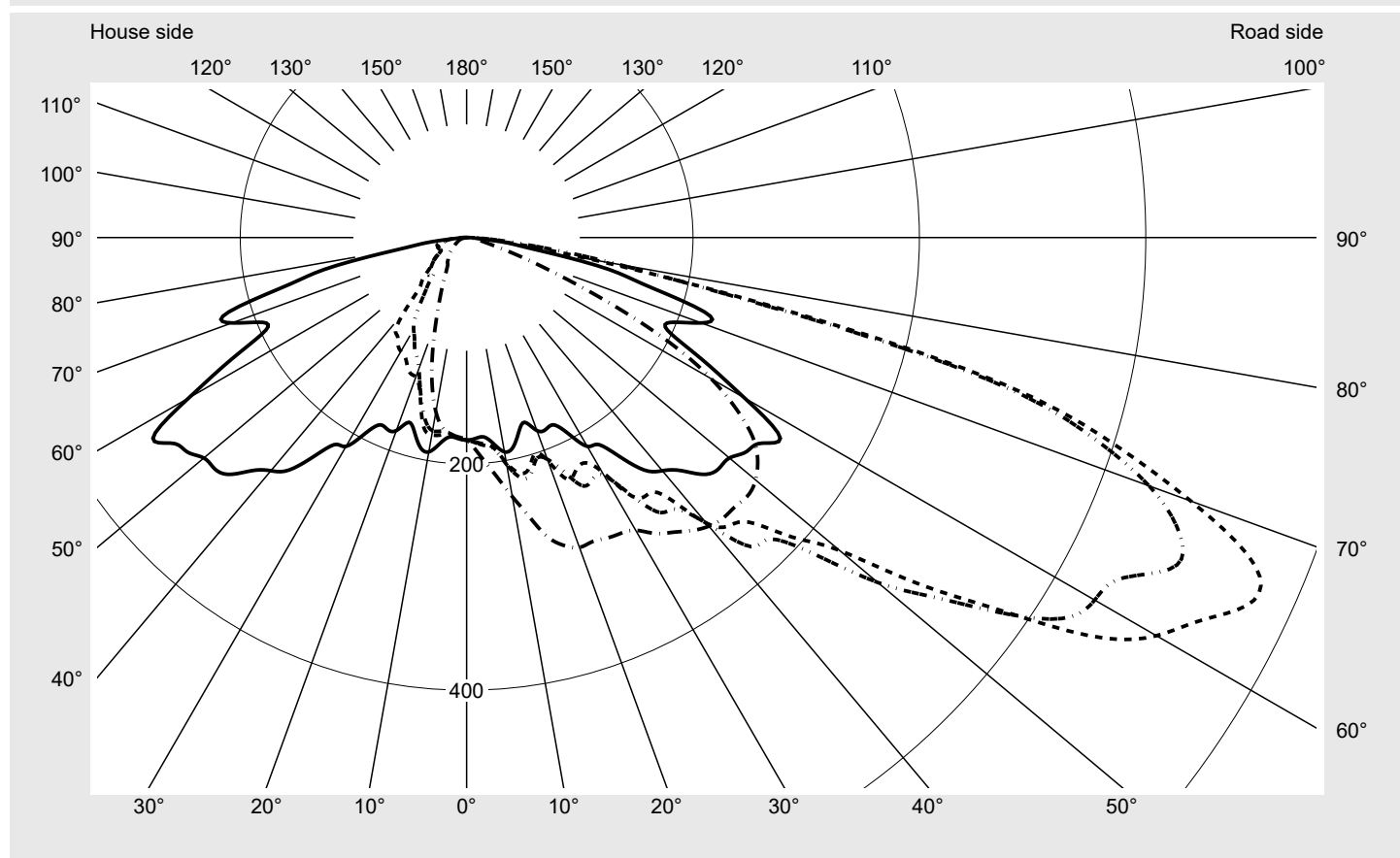
C180-0

C205-25

C210-30

C270-90

Imax: 764 cd/klm



Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	99.4%
Eta 90° - 180°	0.6%

Luminous intensity class acc. to EN13201-2

Class:	G2
Imax 70°	681.0
Imax 80°	135.6
Imax 90°	3.8
Imax >90°	2.5
Imax >95°	2.3

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family
LARGE BELL LED

Order number: **5XA1563K1B108**
EAN: **4058352168035**

LP number
57651_8

Envelope curve in cd/klm

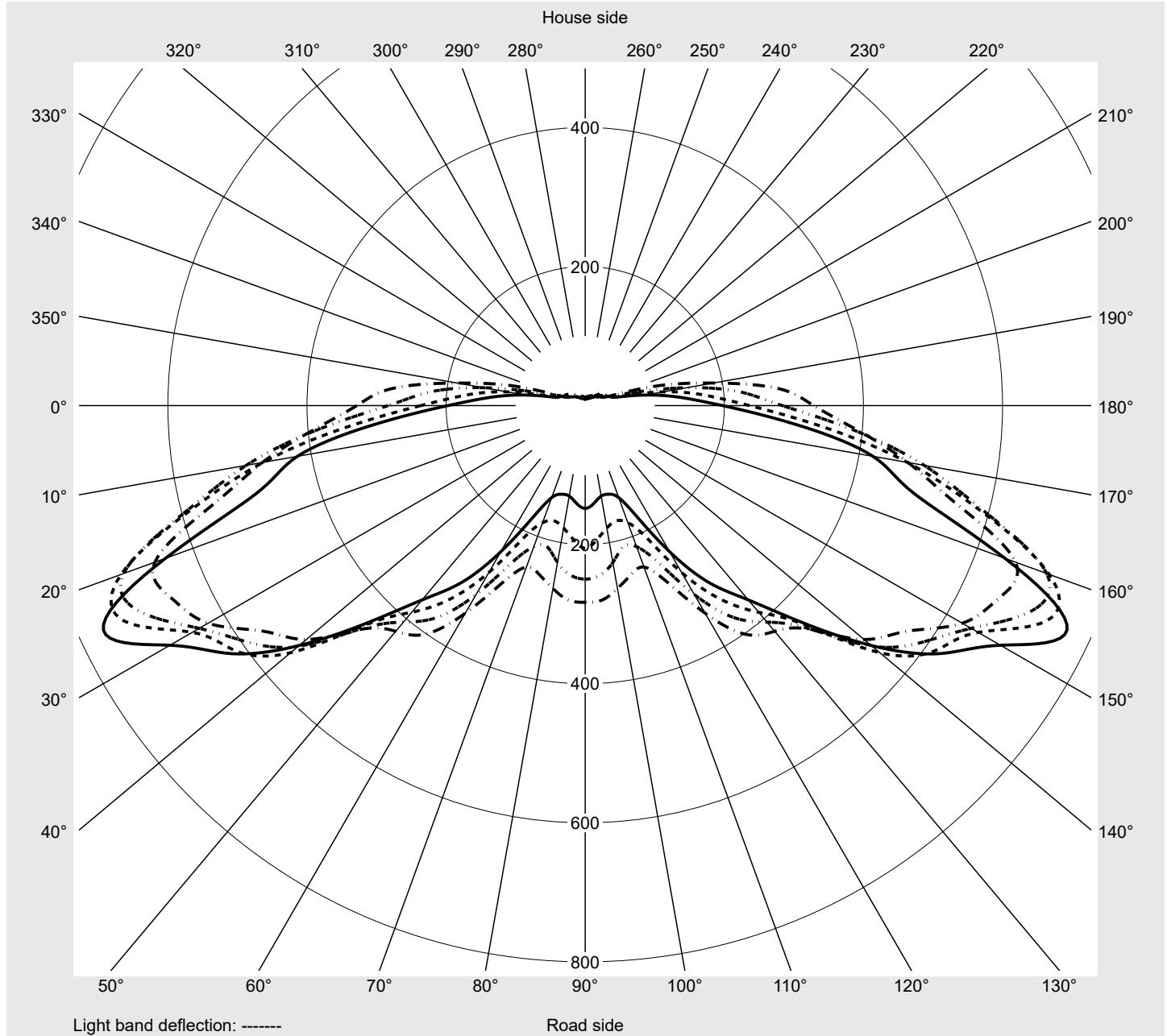
KMK 65°

KMK 62,5°

KMK 60°

KMK 57,5°

siteco



Photometric test report

Family LARGE BELL LED	Order number: 5XA1563K1B108 EAN: 4058352168035	LP number 57651_8
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°	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0
2,5°	177.8	178.3	179.1	179.7	180.2	180.9	181.5	182.3	182.7	183.0	183.3	184.0	184.5
5,0°	177.0	177.6	178.6	180.2	181.9	183.3	184.5	186.1	187.7	189.7	191.3	192.5	193.3
7,5°	184.0	184.6	186.1	187.1	188.6	188.1	188.9	191.3	193.3	195.9	199.4	202.0	204.4
10,0°	192.3	196.6	197.9	199.7	202.6	202.1	203.8	204.4	204.9	206.6	209.0	212.9	217.8
12,5°	189.7	196.9	200.8	206.2	211.5	212.9	216.9	217.7	219.8	219.8	220.8	222.6	226.8
15,0°	177.9	185.0	189.2	195.8	206.4	211.8	217.5	223.2	227.6	227.3	230.4	232.4	235.7
17,5°	171.2	178.3	183.0	190.7	194.9	200.3	205.1	213.1	223.4	230.8	237.8	237.8	241.4
20,0°	181.5	192.5	202.1	208.4	209.8	210.0	208.5	209.0	213.1	226.2	236.2	245.1	243.5
22,5°	183.3	200.2	213.4	222.7	227.6	230.9	223.4	221.3	217.7	219.6	230.9	247.9	258.1
25,0°	182.7	194.1	196.7	204.9	216.2	227.6	242.0	245.0	235.3	231.1	232.7	251.2	266.9
27,5°	195.9	203.6	213.4	213.4	217.5	224.5	240.9	255.9	268.0	257.1	255.9	261.3	280.6
30,0°	213.1	226.3	242.5	243.8	244.2	238.6	243.0	252.8	274.7	287.8	286.8	280.6	292.4
32,5°	216.9	230.1	236.0	246.1	258.2	270.5	269.2	270.5	280.3	305.0	323.2	311.2	308.6
35,0°	236.8	238.1	252.0	252.8	256.6	277.7	296.5	307.1	306.8	316.3	339.7	345.6	333.1
37,5°	259.4	267.1	283.9	286.7	282.4	287.7	302.4	324.3	344.4	343.8	351.3	368.6	358.0
40,0°	269.0	271.6	285.4	299.0	316.3	329.5	329.5	337.2	358.3	376.6	366.7	380.2	380.7
42,5°	279.2	280.5	298.1	305.8	320.4	344.7	370.3	376.1	374.2	400.8	398.5	390.9	391.7
45,0°	296.0	297.2	327.6	338.5	348.2	356.5	377.0	410.2	418.8	412.8	420.6	403.8	394.5
47,5°	302.2	319.6	372.7	384.2	395.1	392.7	411.5	433.7	447.6	438.3	432.7	418.8	393.2
50,0°	303.0	344.4	426.0	428.0	458.4	430.1	474.3	476.7	455.6	439.3	440.7	423.6	385.3
52,5°	311.2	343.6	434.2	455.5	515.5	502.2	522.7	521.7	472.0	438.8	445.3	421.8	382.8
55,0°	316.9	352.8	433.2	498.3	581.2	573.2	578.8	553.1	505.0	452.0	437.8	415.6	368.9
57,5°	328.4	390.5	471.3	555.9	658.4	656.0	626.0	565.5	523.3	454.8	423.7	401.5	344.7
60,0°	283.4	382.8	494.9	597.2	706.2	703.7	640.7	592.8	538.4	453.2	406.6	372.1	313.7
62,5°	236.3	340.3	470.2	590.9	710.1	732.2	652.2	614.4	552.9	445.5	388.1	340.3	277.2
65,0°	197.4	301.1	420.1	490.1	642.2	764.2	689.3	621.9	536.7	441.1	364.9	311.1	242.7
67,5°	195.8	300.6	403.3	449.1	592.5	752.8	681.5	578.4	533.1	411.1	334.8	288.0	207.5
70,0°	220.6	327.2	417.0	472.3	538.0	681.0	641.7	543.3	463.8	372.1	302.1	252.5	174.2
72,5°	222.1	322.5	384.0	449.2	518.1	593.0	574.2	466.1	361.8	299.9	241.7	198.0	138.0
75,0°	165.7	266.7	327.9	383.5	441.2	473.0	460.9	331.7	242.4	204.6	192.7	175.6	123.1
77,5°	126.1	182.8	212.8	249.7	276.4	262.0	247.6	173.7	146.0	134.3	142.8	142.8	102.7
80,0°	63.5	77.5	97.1	120.9	122.0	115.6	135.6	111.2	97.0	68.7	55.8	64.4	42.4
82,5°	37.1	40.9	47.3	62.5	55.6	46.3	67.2	77.8	61.8	37.8	24.0	15.5	10.1
85,0°	11.9	14.1	14.7	17.3	15.7	17.5	30.4	37.8	21.1	15.9	7.5	6.5	5.4
87,5°	6.4	6.7	6.4	6.7	7.0	9.0	11.6	10.8	8.7	5.9	4.6	4.3	3.4
90,0°	2.9	3.1	3.1	3.3	3.3	3.8	3.3	3.3	2.8	2.5	2.5	2.3	2.0
92,5°	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.0	2.0	2.0	1.6
95,0°	2.3	2.3	2.3	2.3	2.3	2.3	2.1	2.0	2.0	2.0	1.6	1.6	1.5
97,5°	2.1	2.3	2.1	2.1	2.1	2.0	2.0	2.0	1.6	1.6	1.6	1.6	1.3
100,0°	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.6	1.6	1.6	1.5	1.5	1.3
102,5°	1.8	2.0	1.8	1.8	1.6	1.6	1.6	1.6	1.5	1.3	1.3	1.3	1.1
105,0°	1.6	1.6	1.6	1.6	1.6	1.4	1.3	1.3	1.3	1.0	1.0	1.0	1.0
107,5°	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8
110,0°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.7
112,5°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6

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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°	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	
2,5°	185.1	186.1	186.8	187.1	187.7	188.1	177.0	176.8	176.6	177.1	177.6	177.6	177.8		
5,0°	194.8	196.4	198.0	199.0	200.0	200.5	175.6	174.7	174.2	173.8	173.8	173.4	173.7		
7,5°	206.7	210.1	212.8	214.4	214.9	214.9	181.4	181.0	179.1	177.0	176.0	172.5	170.6		
10,0°	221.3	225.8	229.0	230.9	232.1	232.6	192.7	187.3	185.9	181.2	177.1	173.4	168.8		
12,5°	233.0	240.4	247.3	250.2	252.3	251.5	187.6	181.9	179.7	172.9	173.0	166.6	160.1		
15,0°	242.2	251.7	259.5	266.7	270.2	273.1	170.7	165.3	162.1	158.5	155.7	152.6	145.1		
17,5°	247.1	258.4	269.5	276.4	282.8	285.2	170.6	164.8	154.2	145.1	138.8	137.0	130.0		
20,0°	253.3	262.0	274.3	282.3	289.0	291.4	172.2	164.8	159.6	142.3	131.2	123.3	117.4		
22,5°	261.7	267.6	275.4	285.4	290.3	290.8	168.0	160.1	152.4	144.4	129.9	114.5	104.7		
25,0°	274.3	277.2	281.3	287.2	291.8	293.1	170.6	152.7	139.0	138.0	124.3	108.4	89.6		
27,5°	289.5	288.6	288.6	293.6	294.7	294.7	182.3	159.0	139.0	130.0	118.2	99.8	79.8		
30,0°	306.6	303.0	298.6	300.6	300.6	298.6	193.3	174.5	145.1	127.2	116.1	93.7	67.2		
32,5°	322.0	318.2	309.3	307.1	306.8	310.1	198.2	171.6	150.6	133.3	112.7	84.9	57.7		
35,0°	334.1	332.3	318.2	313.5	315.1	317.9	220.6	184.0	150.6	134.4	106.5	71.8	48.7		
37,5°	345.6	341.0	322.2	320.5	323.0	326.4	235.3	201.2	159.3	133.6	103.0	59.9	45.5		
40,0°	355.2	343.8	325.1	326.3	330.2	333.0	243.8	204.1	156.2	135.1	86.0	51.2	42.4		
42,5°	367.0	343.4	326.6	330.2	334.1	335.9	264.1	201.6	137.4	122.8	63.9	42.4	42.4		
45,0°	375.7	339.5	328.4	331.5	337.2	335.9	288.3	223.6	159.8	122.5	56.6	46.8	43.7		
47,5°	367.6	333.8	327.2	330.2	335.6	337.2	296.7	227.6	170.7	99.4	50.5	44.0	41.5		
50,0°	354.7	322.0	319.7	324.8	331.8	333.3	294.0	231.9	171.2	84.4	42.8	41.0	37.9		
52,5°	335.6	302.7	304.5	314.2	322.7	324.1	299.4	226.3	165.5	67.9	40.4	38.3	33.9		
55,0°	310.1	277.5	281.6	294.0	305.8	309.1	300.6	215.9	151.1	51.2	36.1	35.2	31.6		
57,5°	280.8	247.1	252.3	267.1	280.6	282.9	279.5	186.8	112.0	45.9	32.8	31.5	28.7		
60,0°	249.1	215.9	210.5	229.1	244.7	249.6	224.4	148.2	74.6	42.8	29.1	28.1	25.7		
62,5°	210.3	179.2	171.7	178.9	193.5	205.1	172.5	114.0	51.5	37.3	28.3	25.5	23.2		
65,0°	176.6	140.8	132.0	132.1	141.3	147.8	136.7	87.5	47.4	37.8	29.3	25.5	21.6		
67,5°	141.0	102.0	90.1	90.3	94.5	94.5	132.5	74.7	53.2	43.3	29.1	26.0	20.9		
70,0°	116.3	77.0	55.3	54.1	56.3	57.6	143.9	80.0	56.3	41.5	26.5	23.7	18.8		
72,5°	90.4	57.6	34.3	30.4	30.1	32.1	134.3	76.7	54.9	34.8	26.2	22.4	17.3		
75,0°	70.3	37.6	24.4	20.0	18.5	18.3	79.6	55.6	47.4	31.2	27.0	21.4	17.0		
77,5°	49.7	21.8	16.5	13.9	12.4	12.1	62.5	42.2	37.1	30.7	25.3	20.6	16.5		
80,0°	19.3	12.3	10.8	9.8	8.8	8.2	41.2	34.0	30.9	26.8	21.3	19.0	15.7		
82,5°	9.8	6.5	6.4	6.2	5.9	5.9	26.7	23.7	22.1	18.2	17.0	15.5	13.1		
85,0°	4.6	4.1	4.1	3.9	3.9	3.9	12.3	13.6	15.4	14.6	13.4	11.9	10.0		
87,5°	2.9	2.6	2.6	2.6	2.6	2.6	6.9	7.2	8.7	8.8	8.3	7.5	7.0		
90,0°	1.8	1.6	1.6	1.6	1.6	1.6	3.1	3.1	2.9	2.9	2.8	2.8	2.6		
92,5°	1.6	1.3	1.3	1.3	1.3	1.3	2.5	2.3	2.5	2.5	2.5	2.5	2.5		
95,0°	1.3	1.3	1.3	1.0	1.0	1.0	2.3	2.3	2.3	2.3	2.3	2.1	2.5		
97,5°	1.3	1.1	1.0	1.0	1.0	1.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1		
100,0°	1.1	1.0	1.0	1.0	1.0	1.0	2.0	2.1	2.0	2.1	2.1	2.1	2.1		
102,5°	1.0	1.0	0.8	1.0	0.8	0.7	2.0	1.8	2.0	1.8	1.8	1.8	1.8		
105,0°	0.9	0.8	0.7	0.7	0.7	0.7	1.6	1.6	1.6	1.6	1.6	1.6	1.7		
107,5°	0.7	0.7	0.6	0.6	0.6	0.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
110,0°	0.6	0.6	0.6	0.5	0.5	0.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5		
112,5°	0.6	0.5	0.5	0.5	0.5	0.5	1.3	1.3	1.4	1.4	1.4	1.4	1.4		

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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°	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	0.3	0.3
2,5°	177.8	177.6	177.8	177.3	176.8	176.6	176.5	176.5	176.1	176.1	176.3	2.2	2.4
5,0°	173.7	173.5	173.4	172.9	172.9	172.9	173.0	173.4	173.4	173.5	173.7	4.3	6.8
7,5°	167.5	166.0	165.2	165.8	165.5	165.7	166.0	166.5	166.8	168.4	168.4	6.6	13.4
10,0°	162.6	157.3	154.2	152.6	152.1	152.9	154.1	155.5	156.7	156.2	156.3	9.0	22.4
12,5°	153.2	143.8	138.5	135.4	135.2	136.2	137.9	138.0	138.5	138.8	139.0	11.2	33.6
15,0°	139.5	125.9	119.2	116.4	116.9	117.7	117.9	118.1	118.4	118.4	118.7	12.9	46.5
17,5°	119.2	108.9	100.1	97.8	97.6	97.6	97.0	97.1	97.6	97.5	97.8	14.4	60.9
20,0°	103.7	91.7	84.4	82.6	81.9	81.1	80.1	79.6	80.0	79.6	79.2	16.1	77.0
22,5°	88.0	74.9	69.5	68.7	67.9	66.9	66.1	65.6	64.9	64.6	64.4	17.9	94.9
25,0°	75.2	61.8	59.7	58.9	57.4	56.3	55.4	54.3	54.0	53.5	53.3	19.4	114.2
27,5°	61.2	53.5	52.3	50.9	49.7	48.1	46.8	45.6	45.0	44.8	44.8	21.5	135.7
30,0°	52.7	48.9	47.6	46.3	44.6	42.7	40.6	39.1	38.3	37.8	37.3	24.2	160.0
32,5°	47.4	46.4	44.8	43.2	40.6	38.4	36.6	34.8	33.2	32.5	32.4	26.9	186.8
35,0°	46.0	44.3	42.8	40.2	37.8	35.7	34.2	32.1	30.1	29.3	29.1	29.9	216.7
37,5°	45.6	43.8	41.5	38.9	36.6	34.5	32.1	30.4	28.8	28.0	27.8	33.3	250.0
40,0°	45.3	42.5	39.9	37.5	35.2	32.9	30.6	29.3	27.5	26.2	25.5	36.3	286.3
42,5°	42.4	38.1	38.3	35.5	32.9	29.9	28.3	26.8	25.5	24.7	23.9	39.1	325.5
45,0°	34.7	32.1	35.7	32.7	29.6	26.8	25.7	24.4	23.2	22.4	22.2	42.7	368.1
47,5°	36.0	30.9	30.6	28.5	26.2	23.9	22.4	21.3	20.8	20.3	20.3	46.1	414.2
50,0°	34.5	32.1	25.7	24.0	22.7	20.8	19.6	18.8	18.0	17.5	17.7	49.3	463.5
52,5°	32.9	28.8	25.3	21.8	20.1	18.6	17.8	17.0	16.0	15.4	15.0	52.0	515.5
55,0°	30.3	25.5	22.6	20.0	18.2	17.0	16.2	15.2	14.4	13.7	13.4	54.3	569.8
57,5°	27.0	23.1	20.6	18.0	16.4	15.3	14.5	13.8	13.0	12.4	12.2	56.3	626.1
60,0°	24.7	20.6	18.2	16.4	14.9	13.7	13.1	12.6	11.6	11.3	11.1	56.0	682.2
62,5°	21.8	18.8	16.5	14.9	13.4	12.6	11.8	11.3	10.6	10.0	9.8	53.9	736.1
65,0°	20.0	17.2	15.4	13.4	12.1	11.3	10.6	10.1	9.6	9.2	8.8	50.6	786.7
67,5°	19.0	16.5	14.4	12.6	11.1	10.0	9.3	9.0	8.5	8.2	7.9	47.8	834.5
70,0°	17.8	15.5	13.4	11.6	10.0	9.0	8.2	7.7	7.4	7.2	7.2	45.0	879.6
72,5°	15.5	13.7	12.1	10.6	9.0	7.7	7.0	6.5	6.2	5.9	5.9	39.9	919.5
75,0°	14.2	12.3	10.6	9.2	7.9	6.7	6.1	5.6	5.2	4.9	4.9	31.9	951.3
77,5°	13.6	11.1	9.2	7.9	6.5	5.9	5.2	4.6	4.3	4.3	4.3	21.0	972.4
80,0°	12.8	10.1	8.3	6.9	5.6	4.7	4.3	3.8	3.6	3.6	3.3	11.2	983.6
82,5°	11.1	8.7	7.0	5.9	4.7	3.9	3.4	2.9	2.9	2.9	2.9	6.1	989.7
85,0°	8.3	6.5	5.6	4.4	3.6	3.1	2.6	2.5	2.3	2.3	2.3	2.8	992.5
87,5°	6.1	4.6	3.9	3.3	2.8	2.5	2.1	2.0	2.0	2.0	2.0	1.5	994.0
90,0°	2.6	2.3	2.1	2.1	1.8	1.6	1.6	1.5	1.3	1.3	1.3	0.7	994.6
92,5°	2.5	2.1	2.1	1.8	1.8	1.6	1.6	1.6	1.3	1.3	1.3	0.5	995.2
95,0°	2.3	2.3	2.1	2.1	1.8	1.6	1.6	1.6	1.6	1.3	1.3	0.5	995.7
97,5°	2.1	2.1	2.1	2.0	1.8	1.6	1.6	1.6	1.5	1.3	1.3	0.5	996.2
100,0°	2.1	2.0	2.0	1.8	1.8	1.8	1.6	1.6	1.5	1.5	1.3	0.5	996.7
102,5°	1.8	1.8	1.8	1.8	1.6	1.6	1.6	1.5	1.3	1.3	1.3	0.4	997.1
105,0°	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.2	0.4	997.4
107,5°	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	0.3	997.7
110,0°	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.1	1.0	0.3	998.0
112,5°	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.0	1.0	1.0	0.3	998.3

Photometric test report

Family LARGE BELL LED	Order number: 5XA1563K1B108 EAN: 4058352168035	LP number 57651_8
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	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5
117,5°	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5
120,0°	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.4
122,5°	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4
125,0°	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3
127,5°	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.3	0.3
130,0°	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	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: 5XA1563K1B108 EAN: 4058352168035	LP number 57651_8 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°	0.5	0.5	0.5	0.5	0.5	0.5	1.3	1.3	1.4	1.4	1.4	1.4	1.4
117,5°	0.5	0.4	0.4	0.4	0.4	0.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4
120,0°	0.4	0.4	0.4	0.4	0.4	0.4	1.2	1.2	1.3	1.3	1.3	1.3	1.4
122,5°	0.4	0.3	0.3	0.3	0.3	0.3	1.2	1.2	1.2	1.3	1.3	1.3	1.3
125,0°	0.3	0.3	0.3	0.3	0.3	0.3	1.1	1.2	1.2	1.2	1.3	1.3	1.3
127,5°	0.3	0.3	0.3	0.3	0.3	0.3	1.1	1.1	1.1	1.2	1.2	1.2	1.3
130,0°	0.3	0.3	0.2	0.2	0.2	0.2	1.0	1.0	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°	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.2	998.5
117,5°	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.2	998.8
120,0°	1.4	1.4	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.0	0.2	999.0
122,5°	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.2	999.2
125,0°	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.2	999.4
127,5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.2	999.5
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: 5XA1563K1B108 EAN: 4058352168035	LP number 57651_8
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	3320	23.4	24.3	23.8
95	241	3150	22.1	22.9	22.5
90	229	2993	20.9	21.6	21.2
85	216	2823	19.6	20.3	20.0
80	203	2653	18.3	18.9	18.6
75	190	2483	17.1	17.6	17.4
70	178	2327	16.0	16.6	16.3
65	165	2157	14.8	15.3	15.0
60	152	1987	13.6	14.1	13.8
55	140	1830	12.7	13.0	12.8
50	127	1660	11.6	11.9	11.8
45	114	1490	10.5	10.9	10.7
40	102	1333	9.6	9.9	9.8
35	89	1163	8.5	8.7	8.6
30	76	993	7.5	7.7	7.6
25	63	823	6.5	6.6	6.6
20	51	667	5.5	5.7	5.6
16	40	523	4.7	4.8	4.8