

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1192963

Luminaire Tested: BOLF42-25S-BZ-20W-5000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192963
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ()
Test Lab: INNOVATION CENTER
Issue Date: 10/9/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: BOLF42-25S-BZ-20W-5000K
Description: Flat Top G6 Bollard, 42" length, 20W, BZ at 5000K

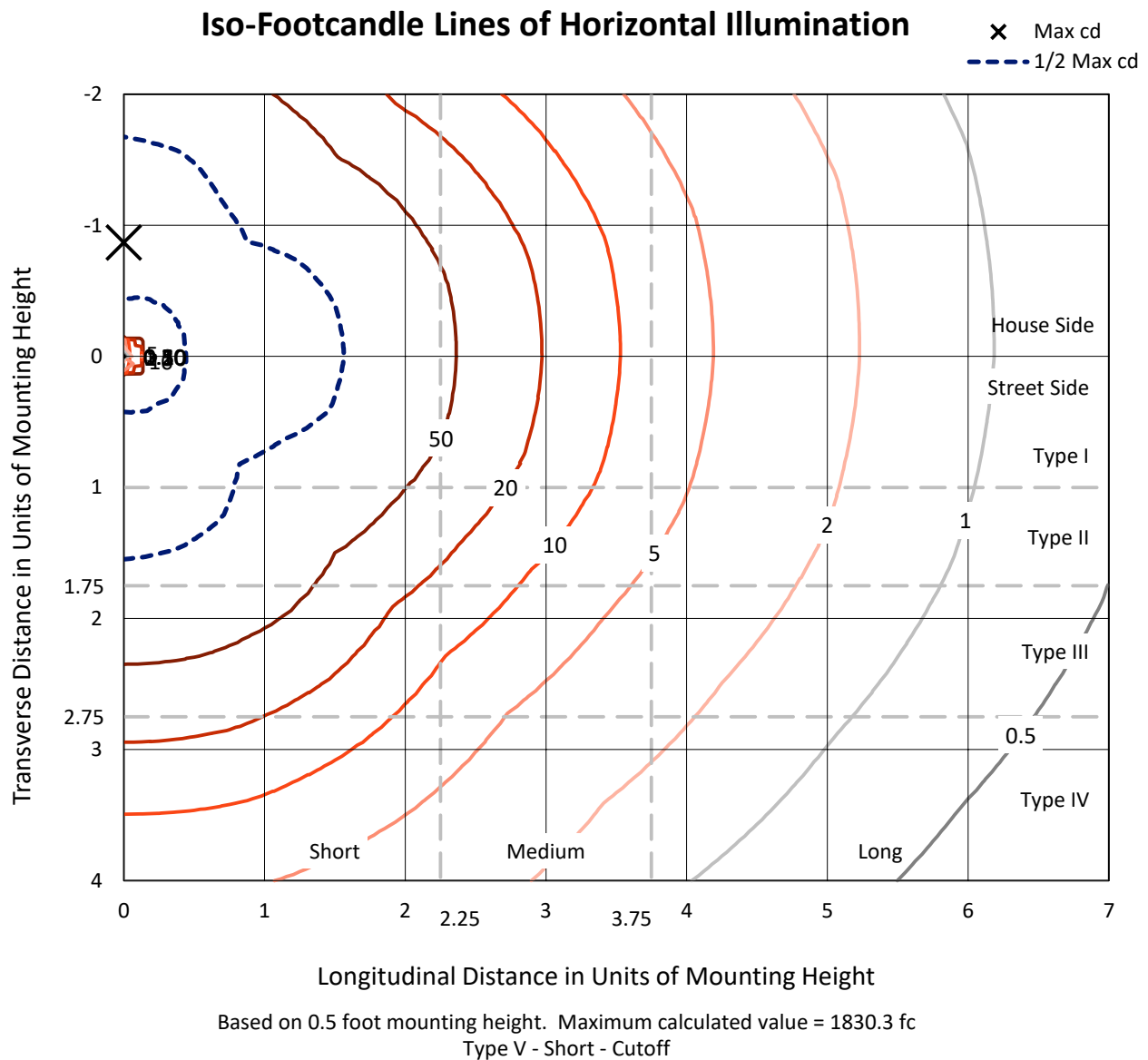
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 1375.2 (1 lamp)
Luminaire Lumens: 1946.5 lumens
Efficiency: 141.5%
Efficacy: 96.4 lumens/watt
Luminous Opening: Point Source (0' x 0' x 0')
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U2 - G1

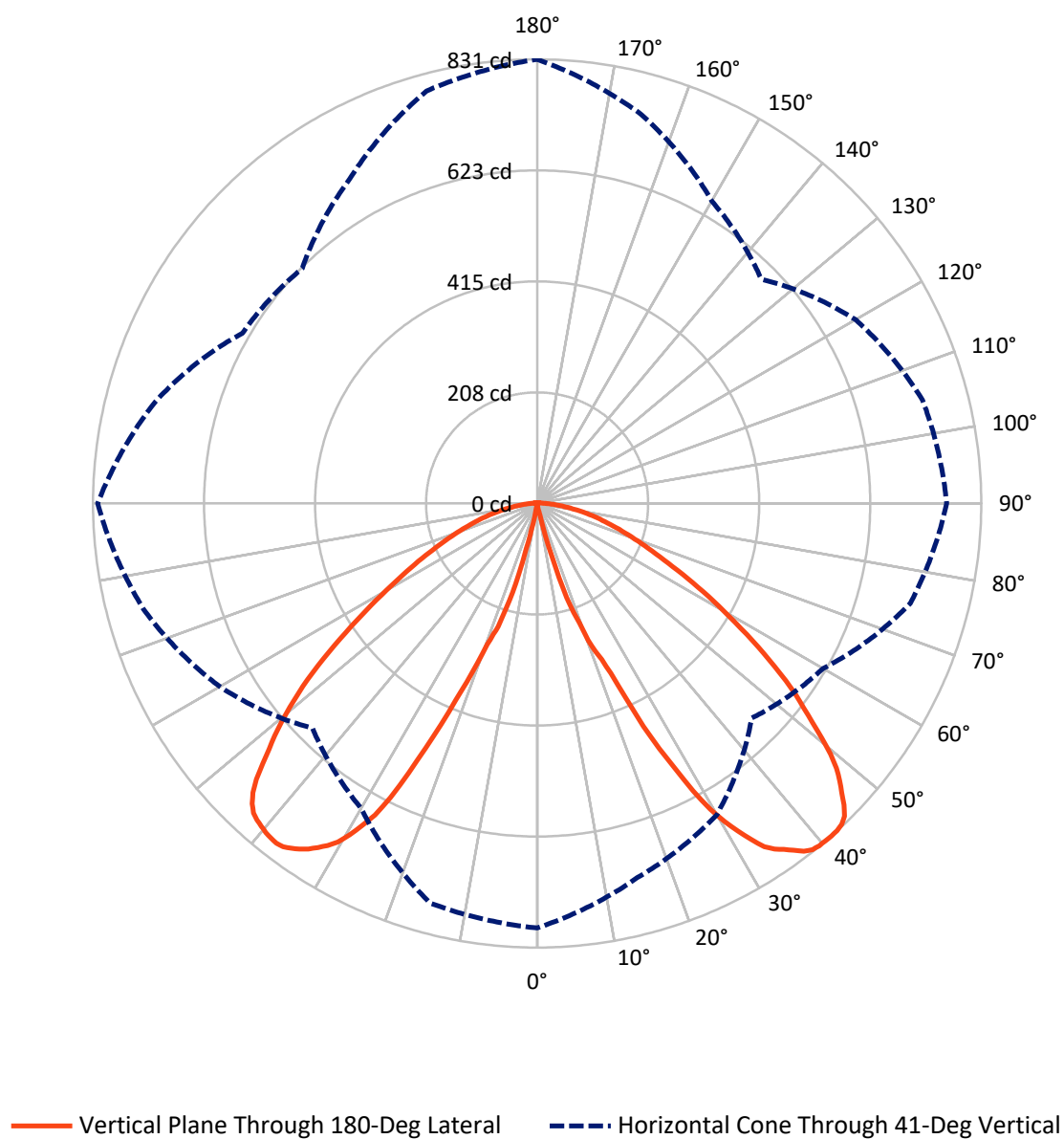
Input Watts (W): 20.2
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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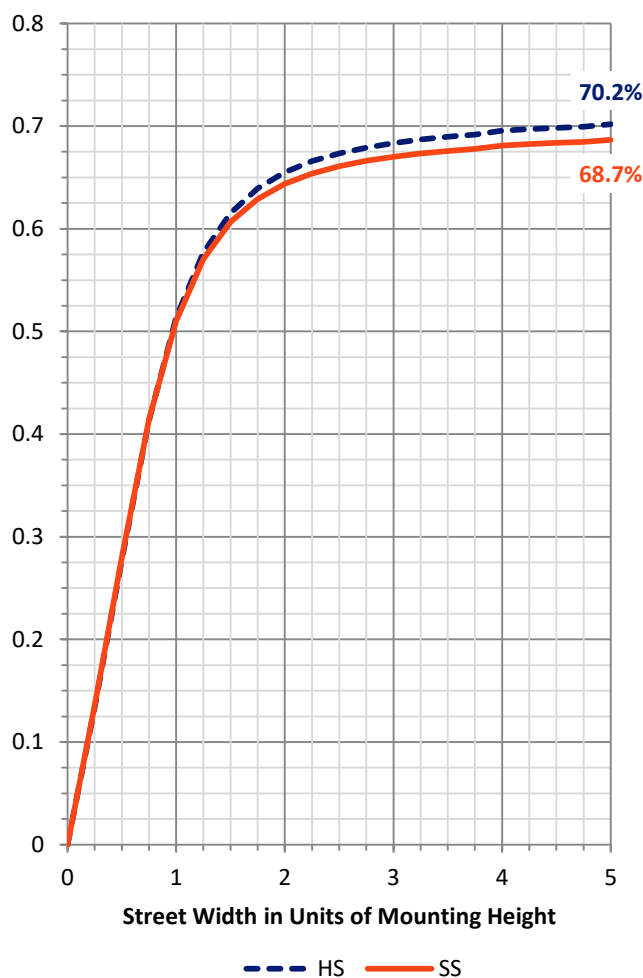
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	974.6	10.8	985.5
	% Lamp	70.9	0.8	71.7
Street Side	Lumens	950.8	10.2	961.0
	% Lamp	69.1	0.7	69.9
Total	Lumens	1925.4	21.1	1946.5
	% Lamp	140.0	1.5	141.5

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.2	0.0	0.0
10°-20°	38.8	2.0	2.8
20°-30°	211.3	10.9	15.4
30°-40°	427.8	22.0	31.1
40°-50°	504.3	25.9	36.7
50°-60°	380.2	19.5	27.6
60°-70°	217.6	11.2	15.8
70°-80°	110.0	5.7	8.0
80°-90°	35.2	1.8	2.6
90°-100°	8.1	0.4	0.6
100°-110°	4.3	0.2	0.3
110°-120°	2.9	0.2	0.2
120°-130°	2.1	0.1	0.2
130°-140°	1.6	0.1	0.1
140°-150°	1.1	0.1	0.1
150°-160°	0.6	0.0	0.0
160°-170°	0.3	0.0	0.0
170°-180°	0.1	0.0	0.0
0°-90°	1925.4	98.9	140.0
0°-180°	1946.5	100.0	141.5

Coefficient of Utilization



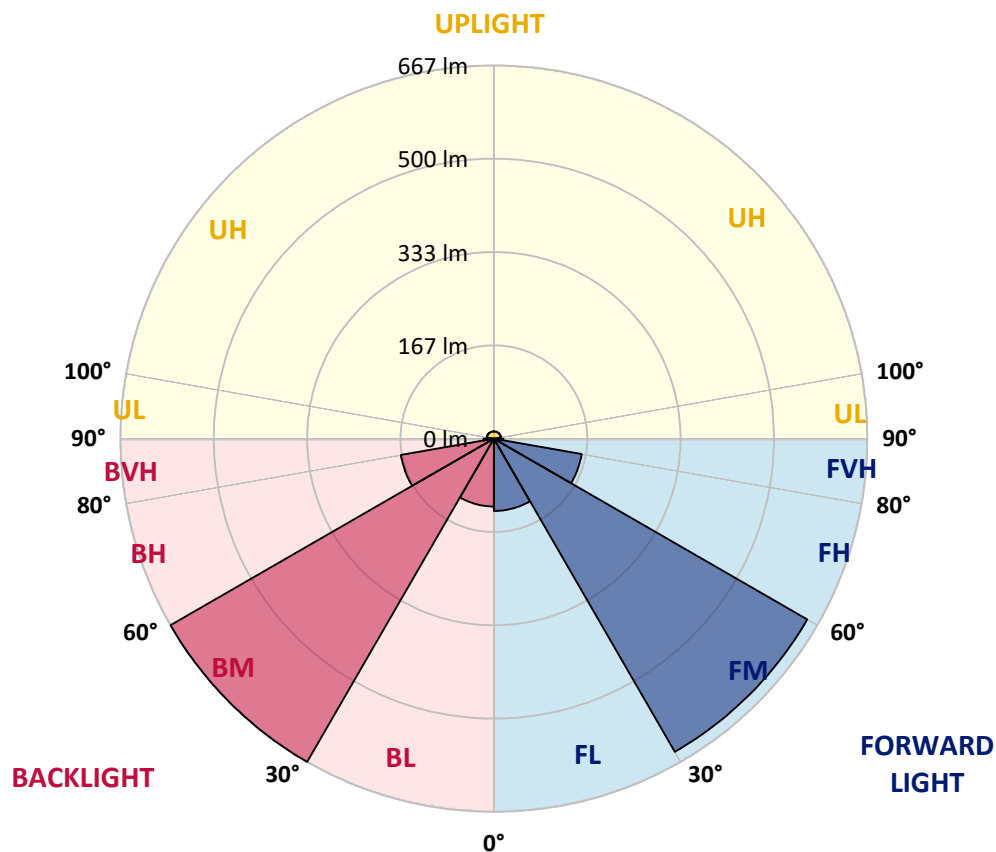
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	129.1	9.4			
FM	(30°-60°)	645.8	47.0			
FH	(60°-80°)	159.1	11.6			G0/660
FVH	(80°-90°)	16.7	1.2			G1/100
BL	(0°-30°)	121.1	8.8	B1/500		
BM	(30°-60°)	666.5	48.5	B1/1000		
BH	(60°-80°)	168.5	12.3	B1/500		G0/660
BVH	(80°-90°)	18.5	1.3			G1/100
UL	(90°-100°)	8.1	0.6		U1/10	
UH	(100°-180°)	13.0	0.9		U2/50	
Trapped Light		-571.3	-41.5			

BUG Rating: B1-U2-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
4°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1
5°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3
6°	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6
7°	1.3	1.3	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.8
8°	2.7	2.9	3.1	2.9	2.6	2.3	1.9	1.7	1.7	1.5	1.3
9°	4.9	4.8	4.8	5.0	4.6	4.1	4.0	3.9	3.7	3.6	3.3
10°	8.1	7.9	7.8	8.3	7.7	7.0	8.2	8.1	8.0	7.8	5.3
11°	13.8	12.9	13.7	14.5	14.1	12.4	12.4	12.2	12.2	11.9	10.1
12°	37.8	37.0	43.0	45.0	43.2	36.0	16.7	16.4	16.7	16.1	14.9
13°	62.3	61.5	72.5	75.9	72.4	59.7	27.9	27.9	27.0	25.8	23.5
14°	86.8	86.0	102.0	106.8	101.6	83.4	68.5	69.4	66.6	69.7	66.2
15°	137.3	129.9	138.7	155.0	147.5	123.4	109.1	111.0	106.2	113.7	108.9
16°	173.0	164.8	168.5	186.5	170.5	160.7	149.6	152.4	145.4	157.5	151.5
17°	205.9	196.8	196.9	200.7	195.7	193.7	182.5	189.9	173.3	188.9	177.5
18°	240.9	231.1	229.3	212.1	212.4	217.1	207.6	213.0	190.1	205.7	197.1
19°	258.0	247.7	247.5	223.4	225.6	244.3	234.8	240.1	214.6	217.4	215.6
20°	279.6	268.2	268.7	236.9	240.5	269.8	259.9	269.1	247.5	229.0	242.3
21°	319.0	307.5	309.2	259.4	262.3	303.3	284.1	292.8	271.9	242.1	259.9
22°	358.7	347.2	350.0	305.6	310.2	336.9	311.7	319.9	299.0	265.0	278.9
23°	397.8	386.9	390.8	352.4	358.6	370.6	355.8	361.6	341.9	300.9	311.1
24°	450.7	435.7	446.6	399.2	406.9	417.6	405.4	414.5	396.8	351.1	360.4
25°	502.7	475.9	484.9	442.7	456.5	461.1	462.5	464.2	453.9	404.5	418.8
26°	557.9	519.4	511.9	478.1	500.3	496.2	514.7	509.9	486.8	440.5	468.5
27°	614.7	551.8	535.2	511.2	527.7	528.2	562.4	547.8	513.5	474.3	510.5
28°	657.0	579.8	554.7	532.1	550.0	563.9	606.4	576.7	536.9	505.5	537.2
29°	684.9	611.7	577.4	545.1	567.9	595.7	641.7	606.7	557.6	525.4	557.7
30°	711.8	632.4	601.0	554.8	577.9	615.7	664.9	635.1	583.0	542.0	576.5
31°	734.9	645.6	614.5	560.8	586.5	638.7	685.7	655.8	608.8	555.4	591.5
32°	750.3	658.9	627.5	568.9	595.3	660.8	707.2	672.2	625.0	566.1	602.9
33°	762.9	679.8	640.5	577.1	604.4	676.7	723.5	689.6	638.4	576.1	612.1
34°	774.8	701.4	651.5	580.9	611.8	690.1	734.0	706.1	649.9	584.7	621.1
35°	784.5	716.0	659.5	582.4	618.9	701.1	743.6	721.7	660.7	592.2	630.0
36°	791.9	724.2	664.7	581.8	623.5	709.5	752.3	733.7	669.2	598.3	637.0
37°	798.5	729.4	667.8	580.1	625.4	714.4	759.9	740.4	673.6	601.1	643.5
38°	801.1	730.4	669.8	577.6	624.4	717.4	765.1	742.6	675.2	600.6	647.4
39°	799.7	730.3	671.6	575.3	623.3	720.0	767.3	744.8	678.4	598.5	648.8
40°	797.6	729.4	674.1	573.2	620.8	722.2	767.1	746.6	682.6	596.0	651.2
41°	793.8	724.4	672.0	567.5	617.3	722.2	765.8	746.2	687.5	592.9	653.2
42°	790.5	719.6	666.8	558.3	610.4	720.2	761.5	741.2	688.5	590.9	651.3
43°	784.8	713.5	657.4	545.2	601.1	713.6	754.4	732.2	681.2	585.2	645.3
44°	774.2	705.0	644.8	530.2	587.2	702.5	743.4	717.0	667.9	573.1	633.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	758.1	691.1	627.5	512.5	572.5	688.5	730.0	701.6	649.2	555.4	619.6
46°	736.0	671.7	606.4	489.7	551.4	670.9	713.8	685.6	629.1	534.2	602.9
47°	707.0	646.0	581.0	463.0	528.6	651.2	694.9	668.3	609.7	510.1	583.6
48°	679.5	622.9	557.1	439.3	506.0	630.9	671.8	647.3	588.5	489.2	561.0
49°	655.4	603.7	537.2	418.6	484.9	606.2	645.6	622.1	563.5	466.8	536.8
50°	628.3	581.2	519.4	396.4	461.1	581.4	617.4	595.4	537.8	441.9	512.0
51°	599.1	556.3	498.0	374.1	440.0	558.9	589.6	570.9	514.5	416.5	485.1
52°	570.2	531.6	476.7	353.9	419.1	534.9	563.7	545.5	492.1	392.8	459.8
53°	540.8	506.8	454.9	334.2	398.7	510.9	537.7	520.0	468.9	370.6	436.7
54°	509.7	480.3	430.9	313.1	376.2	485.8	510.4	495.2	445.4	347.3	413.9
55°	477.7	454.2	406.2	292.7	354.8	460.4	481.5	471.0	421.4	322.8	391.8
56°	446.9	429.4	382.4	272.3	333.3	433.5	453.7	445.6	397.1	298.3	369.0
57°	416.8	403.6	359.1	254.5	311.4	406.2	424.9	419.6	371.8	273.8	347.9
58°	389.4	379.0	337.3	238.4	291.8	380.1	397.4	392.8	347.4	255.1	326.3
59°	363.0	356.2	316.0	224.4	273.3	355.2	372.3	368.8	325.5	239.7	304.7
60°	337.5	333.9	296.6	211.7	256.4	332.8	348.3	346.3	303.7	225.4	283.1
61°	314.4	312.8	277.9	200.2	240.7	311.4	325.7	325.0	281.9	211.9	264.3
62°	293.5	293.0	260.0	189.3	226.1	290.6	303.0	303.7	262.5	199.2	246.8
63°	274.2	273.2	243.3	178.4	211.8	271.4	280.5	282.4	244.2	187.3	229.6
64°	255.6	254.6	226.9	168.0	198.3	252.4	262.2	262.7	227.4	176.4	213.4
65°	238.2	237.2	211.6	158.6	186.2	235.8	244.0	245.0	211.7	166.0	198.4
66°	221.8	221.0	196.9	149.6	174.1	219.9	227.5	228.0	196.7	156.0	184.7
67°	206.4	205.7	183.3	140.7	162.7	204.9	211.6	212.3	182.9	146.6	171.7
68°	192.0	191.3	169.9	132.5	151.7	190.3	197.1	197.5	170.1	137.3	159.9
69°	177.7	177.6	157.5	124.4	141.2	177.0	183.5	184.1	158.3	128.8	149.1
70°	164.7	164.7	146.4	116.2	131.8	164.5	170.6	171.0	147.5	120.7	139.0
71°	152.5	153.0	137.5	108.8	122.4	152.2	158.2	158.9	137.0	112.9	129.2
72°	141.1	142.0	126.8	101.9	113.1	141.0	146.8	147.3	127.4	105.5	120.8
73°	130.6	131.6	115.9	95.2	105.0	130.7	135.6	136.3	118.3	98.5	112.8
74°	120.1	121.2	107.2	88.5	97.6	120.4	125.0	125.7	109.7	92.2	105.2
75°	109.7	110.8	98.7	81.8	90.4	110.1	115.0	116.0	101.6	86.3	97.9
76°	100.4	101.1	89.9	75.0	83.1	100.2	105.3	106.3	93.7	80.0	90.9
77°	90.9	91.2	80.7	68.3	75.3	90.9	95.6	96.4	85.3	73.2	83.1
78°	81.5	81.7	72.3	61.5	67.6	81.8	85.9	86.7	77.0	66.0	74.9
79°	72.5	72.9	64.4	54.7	60.2	72.9	76.9	78.0	68.8	58.8	66.8
80°	64.0	64.5	56.8	48.0	53.3	64.5	68.1	69.1	61.0	51.7	59.1
81°	55.6	56.3	49.6	41.6	46.2	56.0	59.9	60.8	53.6	45.0	51.8
82°	48.4	48.6	43.0	35.7	40.1	48.6	51.9	52.8	46.5	38.8	45.0
83°	42.0	42.3	37.6	31.2	34.8	42.1	45.0	45.9	40.6	33.7	39.2
84°	36.3	36.6	32.7	27.1	30.2	36.2	39.0	39.6	35.4	29.7	34.2
85°	31.0	31.2	27.8	23.3	25.9	30.9	33.7	34.3	30.7	25.7	29.7
86°	26.1	26.2	23.3	19.8	21.8	26.0	28.4	28.9	26.0	21.6	25.2
87°	21.8	21.6	19.4	16.8	18.2	21.5	23.2	23.5	21.4	18.3	20.8
88°	18.0	17.7	16.0	14.6	15.2	17.5	19.0	19.1	17.7	15.3	17.3
89°	15.2	14.8	14.1	12.5	13.2	14.5	15.8	15.7	14.7	12.8	14.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	13.3	12.9	12.2	10.4	11.2	12.6	13.6	13.4	12.6	11.1	12.5
91°	11.3	11.0	10.3	9.3	9.8	10.7	11.7	11.6	11.0	9.8	10.9
92°	9.8	9.6	9.1	8.4	8.6	9.3	10.1	10.0	9.6	8.9	9.5
93°	8.4	8.2	7.9	7.6	7.6	7.9	8.7	8.6	8.4	8.0	8.4
94°	7.4	7.1	6.9	6.8	6.8	6.9	7.6	7.4	7.3	7.2	7.3
95°	6.6	6.4	6.2	6.0	6.1	6.2	6.8	6.6	6.5	6.4	6.5
96°	6.1	6.0	5.7	5.5	5.6	5.8	6.3	6.1	5.9	5.7	5.9
97°	5.8	5.7	5.4	5.3	5.3	5.5	6.0	5.8	5.6	5.4	5.6
98°	5.5	5.4	5.2	5.0	5.1	5.2	5.7	5.5	5.3	5.2	5.3
99°	5.3	5.2	4.9	4.8	4.9	5.0	5.4	5.3	5.1	5.0	5.1
100°	5.0	4.9	4.7	4.6	4.7	4.8	5.2	5.1	4.9	4.8	4.9
101°	4.8	4.7	4.5	4.4	4.5	4.6	5.0	4.9	4.7	4.6	4.7
102°	4.6	4.5	4.3	4.2	4.3	4.4	4.8	4.7	4.5	4.4	4.5
103°	4.4	4.3	4.2	4.1	4.1	4.2	4.6	4.5	4.3	4.2	4.3
104°	4.2	4.2	4.0	3.9	4.0	4.1	4.4	4.3	4.2	4.1	4.2
105°	4.1	4.0	3.9	3.8	3.8	3.9	4.3	4.2	4.0	3.9	4.0
106°	3.9	3.9	3.7	3.6	3.7	3.8	4.1	4.0	3.9	3.8	3.9
107°	3.8	3.7	3.6	3.5	3.6	3.7	4.0	3.9	3.7	3.7	3.7
108°	3.6	3.6	3.5	3.4	3.4	3.5	3.8	3.7	3.6	3.5	3.6
109°	3.5	3.5	3.4	3.3	3.3	3.4	3.7	3.6	3.5	3.4	3.5
110°	3.4	3.4	3.3	3.2	3.2	3.3	3.6	3.5	3.4	3.3	3.4
111°	3.3	3.3	3.2	3.1	3.1	3.2	3.5	3.4	3.3	3.2	3.3
112°	3.2	3.2	3.1	3.0	3.0	3.1	3.4	3.3	3.2	3.1	3.2
113°	3.1	3.1	3.0	2.9	3.0	3.0	3.3	3.2	3.1	3.1	3.1
114°	3.0	3.0	2.9	2.9	2.9	3.0	3.2	3.1	3.0	3.0	3.0
115°	2.9	2.9	2.8	2.8	2.8	2.9	3.1	3.0	3.0	2.9	3.0
116°	2.9	2.8	2.8	2.7	2.8	2.8	3.0	3.0	2.9	2.8	2.9
117°	2.8	2.8	2.7	2.7	2.7	2.7	2.9	2.9	2.8	2.8	2.8
118°	2.7	2.7	2.7	2.6	2.6	2.7	2.8	2.8	2.8	2.7	2.8
119°	2.7	2.7	2.6	2.6	2.6	2.6	2.8	2.8	2.7	2.7	2.7
120°	2.6	2.6	2.5	2.5	2.5	2.6	2.7	2.7	2.6	2.6	2.6
121°	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.6	2.6	2.6	2.6
122°	2.5	2.5	2.5	2.4	2.4	2.5	2.6	2.6	2.5	2.5	2.6
123°	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.5	2.5	2.5	2.5
124°	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5
125°	2.4	2.4	2.3	2.3	2.3	2.3	2.5	2.5	2.4	2.4	2.5
126°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
127°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
128°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
129°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
130°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
131°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3
132°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
133°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
134°	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.2	2.2

REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.1
136°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1
137°	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.1	2.1
138°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
139°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
140°	1.8	1.8	1.9	1.9	1.9	1.8	1.9	1.9	1.9	2.0	2.0
141°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
142°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
143°	1.7	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.9
144°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
145°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8
146°	1.6	1.6	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.8	1.8
147°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
148°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
149°	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.7	1.7
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
151°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
152°	1.4	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
153°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
154°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
155°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
156°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
157°	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3
158°	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
159°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
160°	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
161°	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
162°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1
163°	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
164°	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0
165°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
166°	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9
167°	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9
168°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
169°	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8
170°	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8
171°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
172°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7
173°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7
174°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
175°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
176°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
177°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
178°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
179°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
4°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3
5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
6°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
7°	0.8	0.8	0.8	0.9	0.8	0.8	0.9	1.0	1.0	1.0	1.1
8°	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.8	2.0	2.6	2.9
9°	3.0	2.9	2.8	3.2	3.5	3.8	3.4	3.8	3.8	4.3	5.0
10°	4.9	4.9	5.0	5.2	5.7	5.6	5.8	6.2	6.6	7.0	7.8
11°	10.1	10.1	9.6	10.1	10.6	10.5	10.5	10.4	11.5	12.3	13.1
12°	15.2	15.4	14.2	14.9	15.6	15.5	15.2	16.6	32.8	38.4	41.0
13°	20.5	21.4	22.1	23.5	25.2	25.0	25.8	49.2	54.6	65.1	69.2
14°	44.1	62.5	63.2	67.7	70.5	69.5	64.7	81.9	76.3	91.8	97.4
15°	84.6	103.7	104.3	111.9	115.8	114.0	103.6	114.6	116.0	136.1	146.5
16°	125.1	144.8	145.3	155.6	161.1	158.0	142.5	157.6	152.4	160.4	182.9
17°	165.6	184.3	185.8	184.0	201.2	185.4	180.5	190.3	185.7	187.1	203.9
18°	192.3	215.0	215.2	202.1	223.9	200.5	200.0	215.3	215.6	215.2	218.8
19°	212.7	237.0	239.6	224.4	237.6	219.4	225.9	241.5	241.4	238.0	230.5
20°	246.6	272.9	275.1	257.6	249.4	241.7	256.2	266.1	265.5	258.3	242.4
21°	269.5	297.1	299.8	278.9	262.0	256.7	275.5	287.6	300.1	280.5	259.3
22°	285.2	315.8	320.8	299.8	281.2	274.7	297.5	324.6	335.0	329.4	306.1
23°	312.4	346.1	354.8	339.4	315.9	310.1	339.4	362.0	369.9	378.4	353.4
24°	360.0	398.2	408.4	394.4	367.2	366.5	398.6	414.1	417.6	434.4	400.7
25°	415.6	461.7	468.0	456.8	424.9	434.9	455.0	472.1	465.0	472.7	441.5
26°	460.6	512.3	511.6	490.1	470.8	484.8	496.6	524.4	510.8	497.7	476.5
27°	496.4	558.9	551.4	516.3	512.0	526.9	524.0	577.4	543.2	525.2	512.6
28°	532.0	611.8	581.2	542.1	544.0	555.2	555.0	627.6	574.9	552.8	537.0
29°	572.0	657.0	612.5	573.2	567.9	575.3	590.5	667.8	608.3	580.4	554.5
30°	607.8	690.2	647.3	605.4	585.3	590.6	619.4	694.0	640.5	606.9	568.4
31°	635.2	718.3	678.8	625.5	599.7	604.8	646.3	718.1	659.5	623.4	579.0
32°	664.5	745.3	701.0	639.1	609.5	615.0	671.1	744.3	675.8	633.7	586.9
33°	685.9	769.8	724.3	650.5	618.8	621.3	685.7	767.0	696.6	643.4	594.2
34°	699.5	784.1	743.1	661.1	626.5	626.5	696.3	780.2	715.9	654.1	601.2
35°	711.1	794.8	755.7	671.9	632.8	632.0	708.1	792.6	730.3	664.4	606.9
36°	723.5	806.6	769.2	681.1	636.6	637.6	718.3	802.6	743.5	673.8	609.5
37°	733.8	819.7	780.6	688.8	638.8	640.1	725.5	813.6	752.1	679.9	609.1
38°	739.9	827.2	789.3	695.6	635.8	640.0	730.3	820.6	757.1	682.1	604.9
39°	743.1	829.6	792.2	697.1	629.9	638.6	733.0	822.6	759.8	682.9	601.2
40°	747.5	829.8	795.4	698.7	624.6	638.2	735.8	822.6	762.0	684.1	597.8
41°	753.1	830.5	798.6	700.8	621.3	636.6	738.5	821.8	762.3	685.2	594.1
42°	755.5	829.9	800.6	700.6	616.8	632.6	738.1	818.8	760.1	683.9	588.2
43°	752.2	827.4	795.4	696.0	609.4	625.5	732.4	812.9	752.5	678.7	577.2
44°	743.1	820.1	785.2	684.7	594.8	611.3	721.2	803.6	740.2	666.6	560.6

REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	728.6	804.5	767.6	667.2	574.2	591.5	705.9	790.1	724.8	649.3	541.1
46°	712.7	785.5	749.2	646.8	550.3	570.4	690.1	773.8	709.0	630.1	517.3
47°	698.9	767.2	733.1	625.6	525.5	548.0	672.3	751.8	689.9	607.3	489.6
48°	682.5	747.3	713.2	602.9	501.3	524.5	650.6	726.6	669.4	584.4	462.4
49°	660.3	721.9	690.0	580.7	477.1	497.8	625.2	698.7	643.5	560.8	437.2
50°	633.9	690.4	662.2	553.2	446.2	469.9	601.5	670.9	617.3	536.1	411.8
51°	604.6	657.7	632.3	526.3	415.8	442.4	576.5	640.7	590.5	515.1	387.2
52°	579.0	629.0	604.4	504.4	389.6	419.3	550.9	610.0	565.1	494.4	361.9
53°	554.7	601.3	577.7	483.1	366.8	397.6	528.4	581.1	537.4	473.6	338.1
54°	527.8	571.0	549.2	460.9	340.5	375.7	505.4	551.2	509.6	450.7	314.2
55°	501.1	539.4	520.7	437.0	314.2	354.8	481.0	520.2	482.6	426.4	291.2
56°	474.3	508.3	491.9	411.7	288.0	335.2	455.5	486.2	453.8	400.6	268.9
57°	447.0	477.8	463.3	385.6	267.9	315.0	428.9	453.5	425.6	373.5	248.8
58°	419.1	446.8	434.5	359.5	248.9	294.8	402.3	422.4	397.6	347.4	231.5
59°	390.3	418.0	405.8	335.6	233.0	274.7	377.3	393.3	371.0	324.5	217.1
60°	363.4	390.5	379.8	311.7	218.4	255.9	353.6	366.3	346.7	302.1	203.9
61°	338.5	364.7	355.2	287.9	205.4	238.4	331.0	341.8	324.0	280.4	192.1
62°	314.0	338.7	331.9	267.8	193.2	222.7	308.3	318.4	301.9	259.6	181.1
63°	289.6	314.7	308.5	247.9	181.3	208.0	285.7	296.1	280.6	240.8	170.6
64°	268.4	290.6	285.2	229.7	170.3	194.0	265.2	275.6	260.9	222.7	160.3
65°	248.7	269.6	264.9	213.5	159.9	180.9	246.6	256.8	243.1	206.2	150.7
66°	230.7	250.3	246.1	198.3	149.7	169.1	229.6	239.0	226.5	191.2	141.5
67°	214.8	232.6	228.2	184.1	140.6	158.1	213.4	222.2	210.5	177.3	132.9
68°	199.4	216.5	211.9	171.1	131.5	147.8	197.9	206.2	195.2	163.8	124.4
69°	185.4	201.4	197.1	159.0	123.2	137.9	184.0	191.9	181.1	150.8	115.9
70°	172.4	186.9	182.8	147.8	115.2	129.2	171.0	178.1	168.1	139.4	108.4
71°	160.0	173.6	169.7	137.5	107.9	121.0	158.9	165.2	155.7	129.7	101.2
72°	148.5	161.1	157.0	127.7	100.9	113.7	147.8	152.6	144.1	120.0	94.9
73°	137.6	148.4	144.6	118.3	94.4	106.6	137.0	141.0	133.8	110.3	88.6
74°	127.7	136.9	133.8	109.9	88.2	99.5	127.0	130.5	123.5	102.2	83.1
75°	118.3	126.2	123.3	102.1	82.3	93.2	117.6	120.0	113.2	94.6	77.5
76°	109.1	115.9	113.0	94.6	76.2	86.5	108.3	109.5	104.1	86.7	71.7
77°	99.3	105.7	103.2	86.8	69.9	79.4	98.5	100.0	94.7	78.1	65.0
78°	89.6	95.4	93.2	78.7	63.2	71.1	88.4	90.5	85.5	70.0	58.1
79°	80.2	85.8	84.0	70.7	56.6	63.6	79.2	81.1	76.4	62.2	51.6
80°	70.8	76.0	74.6	62.6	50.2	56.2	70.2	71.8	67.8	55.0	45.1
81°	62.2	67.0	65.7	55.0	44.0	49.5	61.6	63.0	59.5	48.1	39.4
82°	54.1	58.2	57.5	48.1	38.0	43.0	53.5	54.3	51.6	41.7	33.6
83°	47.2	50.7	49.9	42.0	33.6	37.2	46.1	46.9	44.6	36.1	29.3
84°	40.8	43.9	43.2	36.3	29.2	32.8	39.9	40.3	38.4	31.4	25.5
85°	35.0	37.5	37.0	31.7	24.8	28.5	34.6	34.4	33.0	27.0	22.1
86°	30.0	32.2	31.7	27.1	21.4	24.1	29.3	29.0	28.0	22.9	18.9
87°	25.1	26.8	26.4	22.5	18.2	20.4	24.0	24.0	23.3	19.3	16.1
88°	20.1	21.6	21.2	18.7	15.4	17.1	19.7	19.6	18.9	16.2	14.2
89°	16.5	17.6	17.2	15.6	13.1	14.5	16.1	16.1	15.5	14.3	12.3

REPORT NUMBER: P1192963
CATALOG NUMBER: BOL42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	14.0	15.0	14.6	13.4	11.6	12.7	13.7	14.1	13.6	12.4	10.4
91°	12.0	12.8	12.6	11.7	10.4	11.1	11.7	12.1	11.8	10.5	9.4
92°	10.4	11.0	11.0	10.3	9.4	9.8	10.2	10.1	9.9	9.2	8.5
93°	8.9	9.5	9.5	9.1	8.5	8.7	8.7	8.6	8.5	8.0	7.7
94°	7.6	8.1	8.1	8.0	7.7	7.6	7.4	7.4	7.3	6.9	6.8
95°	6.7	7.2	7.1	7.1	6.9	6.8	6.5	6.6	6.4	6.2	6.1
96°	6.1	6.5	6.5	6.4	6.2	6.1	5.9	6.0	5.8	5.6	5.5
97°	5.8	6.2	6.1	5.9	5.7	5.7	5.6	5.7	5.5	5.3	5.2
98°	5.5	5.9	5.8	5.6	5.5	5.4	5.3	5.4	5.2	5.0	4.9
99°	5.3	5.6	5.5	5.4	5.2	5.2	5.1	5.1	5.0	4.8	4.7
100°	5.0	5.4	5.3	5.1	5.0	4.9	4.9	4.9	4.8	4.6	4.5
101°	4.8	5.1	5.1	4.9	4.8	4.7	4.7	4.7	4.6	4.4	4.3
102°	4.7	4.9	4.9	4.7	4.6	4.5	4.5	4.5	4.4	4.2	4.1
103°	4.5	4.7	4.7	4.5	4.4	4.3	4.3	4.3	4.2	4.1	4.0
104°	4.3	4.5	4.5	4.3	4.2	4.2	4.2	4.1	4.0	3.9	3.8
105°	4.2	4.4	4.3	4.2	4.0	4.0	4.0	4.0	3.9	3.8	3.7
106°	4.0	4.2	4.2	4.0	3.9	3.9	3.9	3.8	3.7	3.6	3.6
107°	3.9	4.0	4.0	3.9	3.7	3.7	3.8	3.7	3.6	3.5	3.4
108°	3.7	3.9	3.9	3.7	3.6	3.6	3.6	3.6	3.5	3.4	3.3
109°	3.6	3.8	3.7	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.2
110°	3.5	3.6	3.6	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.1
111°	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.0
112°	3.3	3.4	3.4	3.3	3.2	3.2	3.2	3.1	3.1	3.0	2.9
113°	3.2	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9
114°	3.1	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8
115°	3.0	3.1	3.1	3.0	2.9	2.9	3.0	2.9	2.8	2.8	2.7
116°	3.0	3.0	3.0	2.9	2.8	2.8	2.9	2.8	2.7	2.7	2.7
117°	2.9	3.0	3.0	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6
118°	2.8	2.9	2.9	2.8	2.7	2.7	2.8	2.7	2.6	2.6	2.5
119°	2.8	2.8	2.8	2.7	2.6	2.6	2.7	2.6	2.5	2.5	2.5
120°	2.7	2.8	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4
121°	2.6	2.7	2.7	2.6	2.5	2.5	2.6	2.5	2.4	2.4	2.4
122°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4
123°	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.3
124°	2.5	2.5	2.5	2.5	2.4	2.4	2.5	2.3	2.3	2.3	2.3
125°	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
126°	2.4	2.5	2.5	2.4	2.3	2.4	2.4	2.3	2.2	2.2	2.2
127°	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2
128°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
129°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1
130°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1
131°	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
132°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0
133°	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0
134°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0

REPORT NUMBER: P1192963
CATALOG NUMBER: BOL42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
136°	2.1	2.1	2.1	2.1	2.0	2.1	2.0	1.9	1.9	1.9	1.9
137°	2.1	2.0	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
138°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
139°	2.0	2.0	2.0	2.0	1.9	2.0	1.9	1.8	1.8	1.8	1.8
140°	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
141°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
142°	1.9	1.9	1.9	1.9	1.8	1.9	1.8	1.7	1.7	1.7	1.7
143°	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
144°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
145°	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6
146°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
147°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
148°	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
149°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
150°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4
151°	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
152°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
153°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.3
154°	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
155°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
156°	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2
157°	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
158°	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.1
159°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.1
161°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0
162°	1.1	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.0
163°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
164°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9
165°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
166°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167°	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
168°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.8	0.8
169°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
171°	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.7	0.7
172°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
173°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
174°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
175°	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7
176°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6
177°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
178°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
179°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	0.0	0.0	0.0
1°	0.0	0.0	0.0
2°	0.0	0.0	0.0
3°	0.1	0.1	0.1
4°	0.3	0.3	0.3
5°	0.6	0.6	0.6
6°	0.9	0.9	0.9
7°	1.2	1.3	1.3
8°	3.0	2.8	2.7
9°	5.0	4.9	4.9
10°	8.0	8.3	8.1
11°	14.1	14.2	13.8
12°	42.1	40.3	37.8
13°	70.6	66.8	62.3
14°	99.1	93.3	86.8
15°	145.3	141.3	137.3
16°	173.4	178.3	173.0
17°	191.8	210.4	205.9
18°	215.0	245.1	240.9
19°	231.4	261.4	258.0
20°	250.1	281.5	279.6
21°	278.6	318.6	319.0
22°	323.8	356.2	358.7
23°	369.2	395.5	397.8
24°	414.5	444.8	450.7
25°	468.1	495.4	502.7
26°	516.8	538.4	557.9
27°	545.5	582.2	614.7
28°	566.6	619.9	657.0
29°	584.3	647.7	684.9
30°	598.4	672.2	711.8
31°	609.4	698.1	734.9
32°	619.3	717.8	750.3
33°	631.2	734.6	762.9
34°	642.7	749.1	774.8
35°	650.0	759.5	784.5
36°	655.9	766.0	791.9
37°	659.6	771.8	798.5
38°	661.5	774.1	801.1
39°	662.4	774.9	799.7
40°	661.5	775.1	797.6
41°	658.3	773.5	793.8
42°	650.8	768.3	790.5
43°	641.4	762.9	784.8
44°	628.8	753.1	774.2

REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	614.9	739.0	758.1
46°	594.7	718.0	736.0
47°	567.9	689.9	707.0
48°	536.9	659.6	679.5
49°	509.9	636.3	655.4
50°	485.4	610.5	628.3
51°	456.9	580.7	599.1
52°	430.0	551.3	570.2
53°	405.6	524.8	540.8
54°	381.5	494.5	509.7
55°	357.9	463.1	477.7
56°	333.6	432.5	446.9
57°	309.7	403.0	416.8
58°	287.6	374.8	389.4
59°	267.5	348.0	363.0
60°	248.9	323.3	337.5
61°	233.1	300.8	314.4
62°	218.9	280.6	293.5
63°	204.9	261.9	274.2
64°	192.0	244.5	255.6
65°	180.2	228.4	238.2
66°	169.4	213.1	221.8
67°	158.9	198.6	206.4
68°	148.8	184.5	192.0
69°	139.0	171.3	177.7
70°	130.5	158.9	164.7
71°	121.9	147.3	152.5
72°	113.3	136.0	141.1
73°	105.9	126.2	130.6
74°	99.1	116.4	120.1
75°	92.0	107.0	109.7
76°	84.9	97.5	100.4
77°	77.3	88.4	90.9
78°	69.6	79.2	81.5
79°	61.9	70.4	72.5
80°	54.5	62.0	64.0
81°	47.6	54.0	55.6
82°	41.1	46.9	48.4
83°	35.8	40.5	42.0
84°	31.1	35.0	36.3
85°	26.8	29.9	31.0
86°	22.8	25.2	26.1
87°	19.0	21.0	21.8
88°	15.9	17.3	18.0
89°	14.0	14.6	15.2

REPORT NUMBER: P1192963
 CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	12.2	12.7	13.3
91°	10.4	10.8	11.3
92°	9.1	9.3	9.8
93°	8.0	8.0	8.4
94°	7.0	7.0	7.4
95°	6.2	6.2	6.6
96°	5.6	5.8	6.1
97°	5.3	5.5	5.8
98°	5.1	5.2	5.5
99°	4.8	5.0	5.3
100°	4.6	4.8	5.0
101°	4.4	4.6	4.8
102°	4.2	4.4	4.6
103°	4.1	4.2	4.4
104°	3.9	4.1	4.2
105°	3.8	3.9	4.1
106°	3.6	3.8	3.9
107°	3.5	3.6	3.8
108°	3.4	3.5	3.6
109°	3.3	3.4	3.5
110°	3.2	3.3	3.4
111°	3.1	3.2	3.3
112°	3.0	3.1	3.2
113°	2.9	3.0	3.1
114°	2.8	2.9	3.0
115°	2.8	2.9	2.9
116°	2.7	2.8	2.9
117°	2.6	2.7	2.8
118°	2.6	2.7	2.7
119°	2.5	2.6	2.7
120°	2.5	2.6	2.6
121°	2.4	2.5	2.5
122°	2.4	2.5	2.5
123°	2.3	2.4	2.4
124°	2.3	2.4	2.4
125°	2.3	2.3	2.4
126°	2.2	2.3	2.3
127°	2.2	2.3	2.3
128°	2.2	2.2	2.2
129°	2.1	2.2	2.2
130°	2.1	2.2	2.2
131°	2.1	2.1	2.1
132°	2.0	2.1	2.1
133°	2.0	2.1	2.1
134°	2.0	2.0	2.0

REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	1.9	2.0	2.0
136°	1.9	2.0	2.0
137°	1.9	1.9	1.9
138°	1.9	1.9	1.9
139°	1.8	1.9	1.9
140°	1.8	1.8	1.8
141°	1.8	1.8	1.8
142°	1.7	1.8	1.8
143°	1.7	1.7	1.7
144°	1.6	1.7	1.7
145°	1.6	1.6	1.7
146°	1.6	1.6	1.6
147°	1.5	1.6	1.6
148°	1.5	1.5	1.6
149°	1.5	1.5	1.5
150°	1.4	1.5	1.5
151°	1.4	1.4	1.5
152°	1.4	1.4	1.4
153°	1.3	1.4	1.4
154°	1.3	1.4	1.4
155°	1.3	1.3	1.4
156°	1.2	1.3	1.3
157°	1.2	1.3	1.3
158°	1.2	1.2	1.3
159°	1.1	1.2	1.2
160°	1.1	1.2	1.2
161°	1.1	1.1	1.2
162°	1.0	1.1	1.1
163°	1.0	1.1	1.1
164°	1.0	1.0	1.1
165°	1.0	1.0	1.0
166°	0.9	1.0	1.0
167°	0.9	1.0	1.0
168°	0.9	0.9	0.9
169°	0.8	0.9	0.9
170°	0.8	0.8	0.9
171°	0.8	0.8	0.8
172°	0.7	0.8	0.8
173°	0.7	0.8	0.8
174°	0.7	0.7	0.7
175°	0.7	0.7	0.7
176°	0.6	0.7	0.7
177°	0.6	0.6	0.6
178°	0.6	0.6	0.6
179°	0.6	0.6	0.6

REPORT NUMBER: P1192963
CATALOG NUMBER: BOLF42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.6	0.6	0.6

(END OF REPORT)