

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: P1192961

Luminaire Tested: BOLF42-25S-BZ-20W-3000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192961
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-3000K
Description: Flat Top G6 Bollard, 42" length, 20W, BZ at 3000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

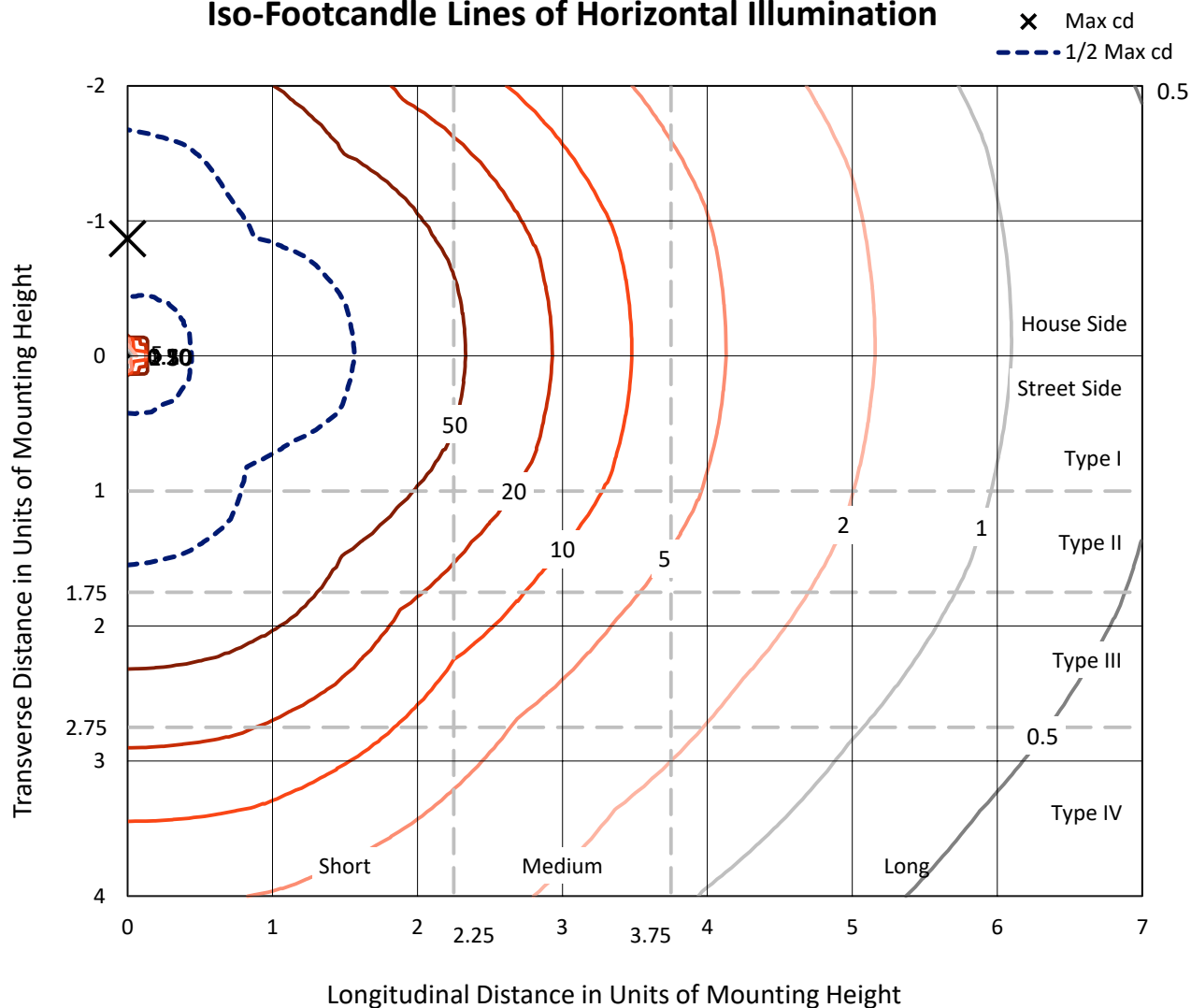
Summary

Lumens per Lamp: 1375.2 (1 lamp)
Luminaire Lumens: 1837.4 lumens
Efficiency: 133.6%
Efficacy: 90.1 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): 20.4
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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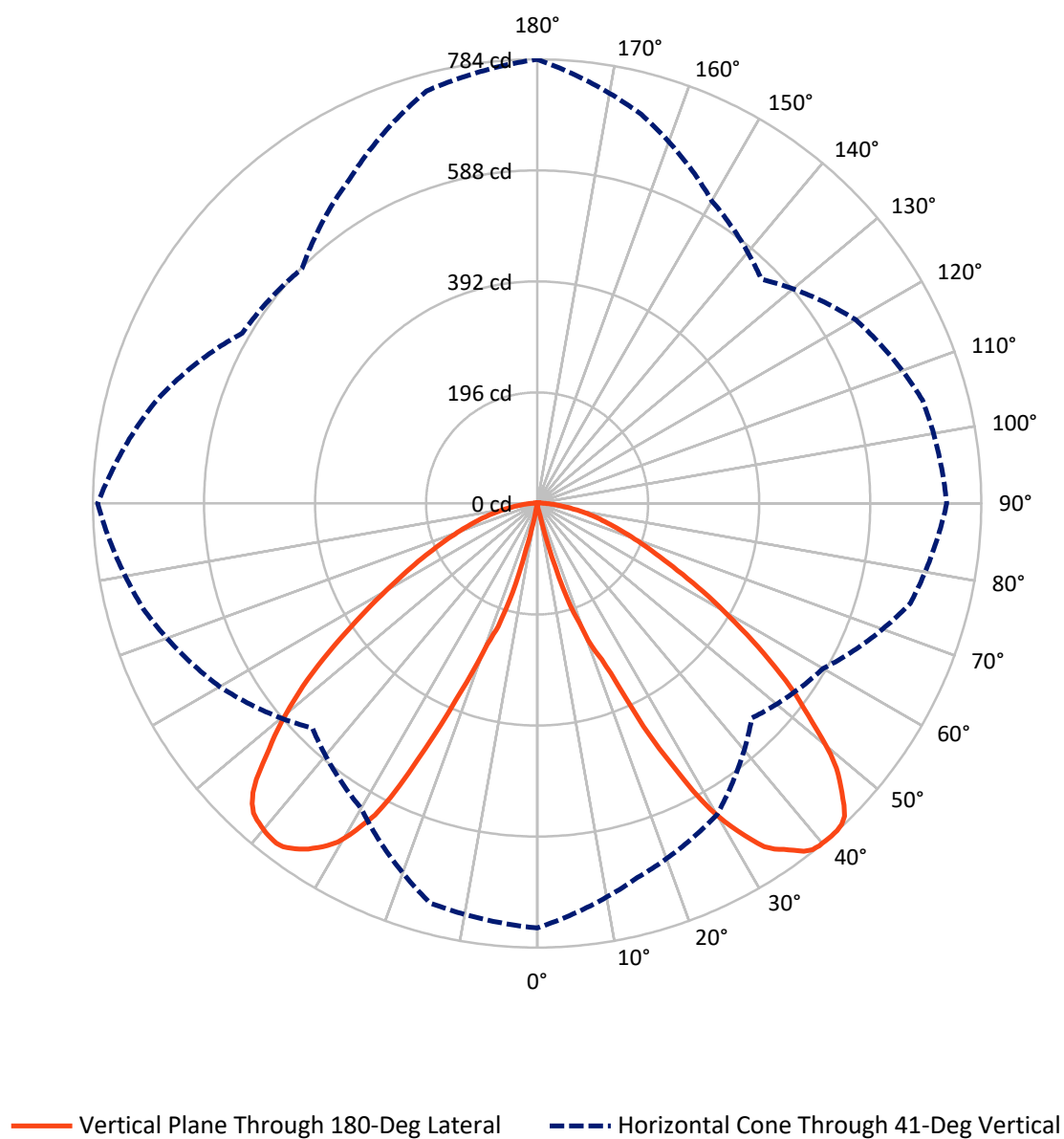
Iso-Footcandle Lines of Horizontal Illumination



Based on 0.5 foot mounting height. Maximum calculated value = 1727.8 fc
 Type V - Short - Cutoff

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Luminous Intensity Polar Plot



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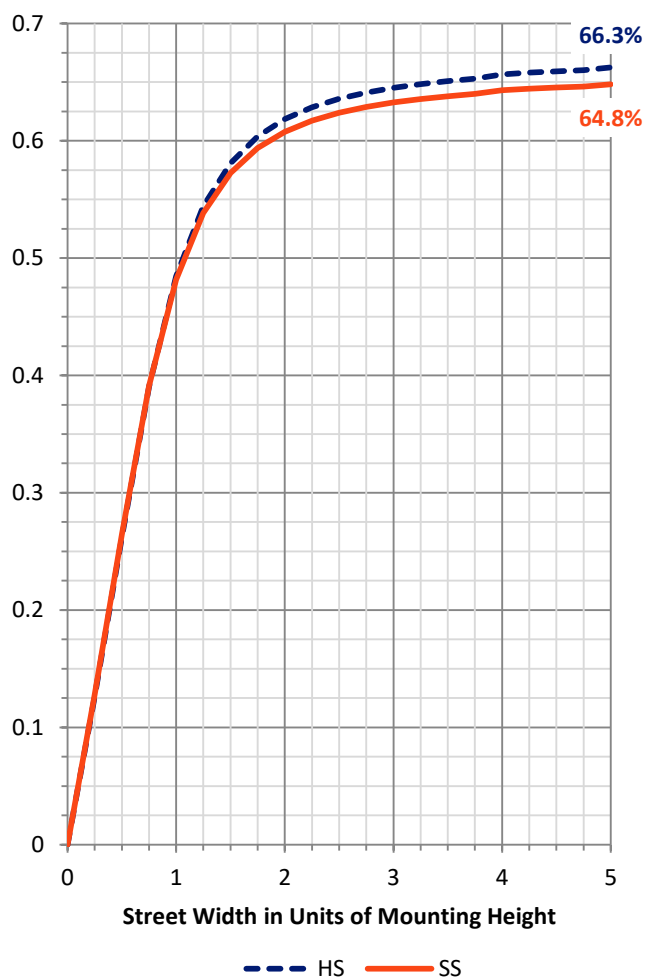
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	920.0	10.2	930.3
	% Lamp	66.9	0.7	67.6
Street Side	Lumens	897.5	9.6	907.1
	% Lamp	65.3	0.7	66.0
Total	Lumens	1817.5	19.9	1837.4
	% Lamp	132.2	1.4	133.6

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.2	0.0	0.0
10°-20°	36.6	2.0	2.7
20°-30°	199.5	10.9	14.5
30°-40°	403.8	22.0	29.4
40°-50°	476.0	25.9	34.6
50°-60°	358.9	19.5	26.1
60°-70°	205.4	11.2	14.9
70°-80°	103.8	5.7	7.6
80°-90°	33.2	1.8	2.4
90°-100°	7.6	0.4	0.6
100°-110°	4.0	0.2	0.3
110°-120°	2.8	0.2	0.2
120°-130°	2.0	0.1	0.1
130°-140°	1.5	0.1	0.1
140°-150°	1.0	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°	1817.5	98.9	132.2
0°-180°	1837.4	100.0	133.6

Coefficient of Utilization



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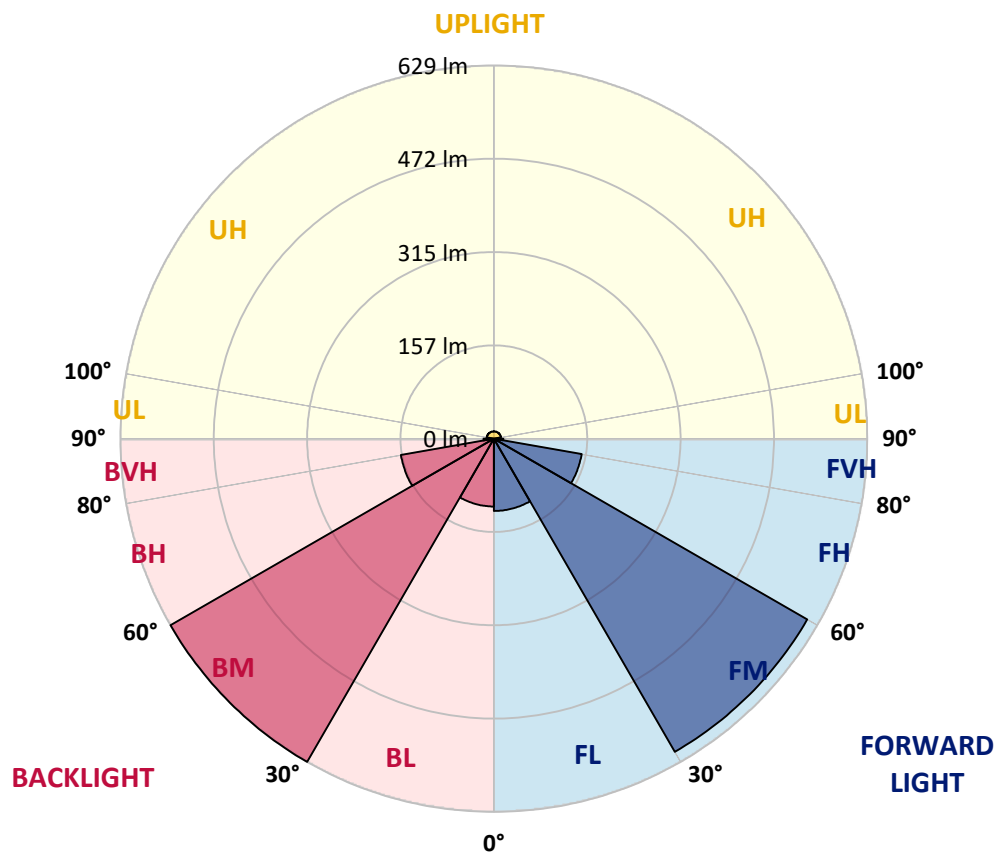
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	121.9	8.9			
FM	(30°-60°)	609.6	44.3			
FH	(60°-80°)	150.2	10.9			G0/660
FVH	(80°-90°)	15.8	1.1			G1/100
BL	(0°-30°)	114.4	8.3	B1/500		
BM	(30°-60°)	629.2	45.8	B1/1000		
BH	(60°-80°)	159.0	11.6	B1/500		G0/660
BVH	(80°-90°)	17.5	1.3			G1/100
UL	(90°-100°)	7.6	0.6		U1/10	
UH	(100°-180°)	12.3	0.9		U2/50	
Trapped Light		-462.2	-33.6			

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	0.0	0.0	0.0	0.0
4°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
5°	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3
6°	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
7°	1.2	1.2	1.1	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8
8°	2.5	2.7	2.9	2.7	2.4	2.2	1.8	1.6	1.6	1.4	1.2
9°	4.6	4.6	4.5	4.7	4.4	3.9	3.7	3.7	3.5	3.4	3.1
10°	7.7	7.4	7.4	7.8	7.3	6.7	7.7	7.6	7.5	7.3	5.0
11°	13.0	12.2	12.9	13.7	13.3	11.7	11.7	11.5	11.5	11.3	9.5
12°	35.7	34.9	40.6	42.5	40.7	34.0	15.7	15.4	15.7	15.2	14.1
13°	58.8	58.0	68.4	71.6	68.3	56.4	26.3	26.3	25.5	24.3	22.2
14°	82.0	81.2	96.3	100.8	95.9	78.8	64.6	65.5	62.9	65.8	62.5
15°	129.6	122.6	130.9	146.3	139.2	116.5	103.0	104.7	100.2	107.3	102.8
16°	163.3	155.6	159.1	176.1	160.9	151.7	141.2	143.8	137.3	148.7	143.0
17°	194.4	185.8	185.9	189.4	184.7	182.8	172.3	179.2	163.6	178.4	167.5
18°	227.4	218.1	216.4	200.2	200.5	205.0	195.9	201.1	179.4	194.1	186.1
19°	243.5	233.8	233.6	210.9	213.0	230.6	221.6	226.6	202.6	205.2	203.5
20°	264.0	253.1	253.6	223.6	227.0	254.7	245.3	254.0	233.6	216.2	228.7
21°	301.1	290.3	291.9	244.8	247.6	286.3	268.2	276.3	256.7	228.5	245.3
22°	338.6	327.7	330.4	288.5	292.8	318.0	294.2	302.0	282.2	250.1	263.2
23°	375.5	365.2	368.9	332.7	338.5	349.8	335.9	341.3	322.7	284.0	293.6
24°	425.4	411.3	421.6	376.9	384.1	394.2	382.7	391.3	374.6	331.4	340.2
25°	474.5	449.3	457.7	417.9	430.9	435.3	436.6	438.2	428.5	381.8	395.3
26°	526.6	490.3	483.2	451.3	472.3	468.4	485.8	481.3	459.5	415.9	442.2
27°	580.2	520.9	505.2	482.6	498.1	498.6	530.9	517.1	484.7	447.7	481.9
28°	620.2	547.3	523.6	502.3	519.2	532.3	572.4	544.4	506.8	477.2	507.1
29°	646.5	577.4	545.0	514.5	536.1	562.3	605.7	572.7	526.3	495.9	526.5
30°	671.9	596.9	567.3	523.7	545.5	581.2	627.6	599.5	550.4	511.6	544.2
31°	693.7	609.4	580.1	529.4	553.6	602.9	647.2	619.0	574.7	524.2	558.3
32°	708.3	622.0	592.3	537.0	561.9	623.8	667.5	634.5	590.0	534.4	569.1
33°	720.1	641.7	604.6	544.7	570.5	638.8	683.0	650.9	602.6	543.8	577.8
34°	731.4	662.1	615.0	548.3	577.5	651.4	692.9	666.5	613.5	552.0	586.3
35°	740.5	675.9	622.5	549.7	584.3	661.8	701.9	681.3	623.7	559.0	594.7
36°	747.5	683.6	627.4	549.2	588.5	669.7	710.2	692.6	631.6	564.7	601.3
37°	753.7	688.5	630.4	547.6	590.4	674.4	717.3	698.9	635.8	567.4	607.4
38°	756.2	689.4	632.2	545.2	589.4	677.2	722.2	701.0	637.3	566.9	611.1
39°	754.8	689.4	634.0	543.1	588.3	679.7	724.2	703.0	640.4	565.0	612.4
40°	752.9	688.5	636.3	541.1	586.0	681.7	724.1	704.8	644.3	562.6	614.7
41°	749.3	683.8	634.3	535.7	582.7	681.7	722.9	704.3	648.9	559.7	616.6
42°	746.2	679.3	629.5	527.0	576.2	679.9	718.9	699.7	649.9	557.8	614.8
43°	740.9	673.5	620.6	514.7	567.4	673.6	712.1	691.2	643.0	552.4	609.2
44°	730.8	665.4	608.6	500.5	554.3	663.1	701.8	676.8	630.4	540.9	598.2

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	715.6	652.4	592.3	483.8	540.4	649.9	689.1	662.3	612.8	524.3	584.9
46°	694.7	634.1	572.4	462.3	520.5	633.3	673.8	647.2	593.9	504.3	569.1
47°	667.3	609.8	548.4	437.1	499.0	614.7	656.0	630.8	575.5	481.5	550.9
48°	641.4	587.9	525.8	414.7	477.6	595.5	634.1	611.0	555.5	461.7	529.5
49°	618.7	569.9	507.1	395.1	457.8	572.2	609.4	587.2	531.9	440.6	506.7
50°	593.1	548.6	490.3	374.2	435.3	548.8	582.8	562.0	507.7	417.1	483.3
51°	565.5	525.1	470.1	353.1	415.3	527.6	556.5	538.9	485.6	393.1	457.9
52°	538.3	501.8	450.0	334.1	395.6	504.9	532.1	514.9	464.6	370.7	434.1
53°	510.5	478.4	429.4	315.5	376.4	482.3	507.5	490.8	442.6	349.8	412.3
54°	481.1	453.4	406.8	295.6	355.1	458.6	481.8	467.5	420.4	327.8	390.7
55°	450.9	428.7	383.4	276.3	334.9	434.6	454.5	444.6	397.8	304.7	369.8
56°	421.9	405.3	361.0	257.1	314.6	409.2	428.3	420.6	374.9	281.6	348.3
57°	393.5	380.9	339.0	240.3	293.9	383.5	401.1	396.1	350.9	258.5	328.4
58°	367.5	357.7	318.4	225.0	275.4	358.8	375.2	370.8	327.9	240.8	308.0
59°	342.7	336.2	298.3	211.8	257.9	335.3	351.4	348.1	307.3	226.2	287.6
60°	318.6	315.2	280.0	199.9	242.0	314.1	328.8	326.9	286.7	212.8	267.2
61°	296.8	295.3	262.3	189.0	227.3	293.9	307.4	306.8	266.1	200.0	249.5
62°	277.0	276.6	245.4	178.7	213.4	274.3	286.0	286.6	247.8	188.1	233.0
63°	258.8	257.9	229.6	168.4	199.9	256.2	264.8	266.5	230.5	176.8	216.7
64°	241.3	240.4	214.2	158.6	187.2	238.2	247.5	248.0	214.7	166.5	201.4
65°	224.8	223.9	199.7	149.7	175.8	222.6	230.3	231.2	199.8	156.7	187.3
66°	209.4	208.6	185.9	141.2	164.4	207.6	214.7	215.2	185.7	147.3	174.4
67°	194.8	194.2	173.0	132.8	153.6	193.4	199.8	200.4	172.6	138.4	162.0
68°	181.3	180.6	160.4	125.1	143.2	179.7	186.0	186.5	160.6	129.6	150.9
69°	167.8	167.6	148.7	117.4	133.2	167.1	173.2	173.8	149.4	121.6	140.7
70°	155.5	155.5	138.2	109.7	124.4	155.3	161.0	161.5	139.2	113.9	131.2
71°	143.9	144.4	129.8	102.7	115.6	143.6	149.4	150.0	129.3	106.6	122.0
72°	133.2	134.0	119.7	96.2	106.8	133.1	138.6	139.1	120.3	99.6	114.0
73°	123.3	124.2	109.4	89.9	99.1	123.3	128.0	128.7	111.6	93.0	106.5
74°	113.4	114.4	101.2	83.5	92.1	113.6	118.0	118.7	103.6	87.1	99.3
75°	103.5	104.6	93.1	77.2	85.3	103.9	108.5	109.5	95.9	81.4	92.4
76°	94.8	95.4	84.9	70.8	78.4	94.6	99.4	100.3	88.5	75.5	85.8
77°	85.8	86.1	76.2	64.4	71.1	85.8	90.2	91.0	80.5	69.1	78.5
78°	77.0	77.1	68.3	58.0	63.8	77.2	81.1	81.9	72.7	62.3	70.7
79°	68.5	68.8	60.8	51.6	56.9	68.8	72.6	73.6	65.0	55.5	63.1
80°	60.4	60.9	53.7	45.4	50.3	60.8	64.3	65.3	57.6	48.8	55.7
81°	52.5	53.1	46.8	39.3	43.6	52.9	56.5	57.4	50.6	42.4	48.9
82°	45.7	45.9	40.6	33.7	37.8	45.8	49.0	49.8	43.9	36.6	42.5
83°	39.6	40.0	35.5	29.4	32.9	39.7	42.5	43.3	38.4	31.9	37.0
84°	34.3	34.5	30.8	25.5	28.5	34.2	36.8	37.4	33.4	28.0	32.2
85°	29.3	29.4	26.3	22.0	24.4	29.1	31.8	32.3	29.0	24.2	28.0
86°	24.7	24.8	22.0	18.7	20.6	24.5	26.8	27.3	24.6	20.4	23.8
87°	20.6	20.4	18.3	15.8	17.2	20.3	21.9	22.2	20.2	17.3	19.6
88°	17.0	16.7	15.1	13.8	14.3	16.5	17.9	18.0	16.7	14.4	16.3
89°	14.4	13.9	13.3	11.8	12.5	13.7	14.9	14.8	13.8	12.1	13.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	12.5	12.2	11.5	9.8	10.6	11.9	12.8	12.6	11.9	10.4	11.8
91°	10.7	10.4	9.7	8.8	9.3	10.1	11.1	10.9	10.4	9.2	10.3
92°	9.3	9.0	8.6	7.9	8.2	8.7	9.5	9.4	9.1	8.4	9.0
93°	8.0	7.7	7.4	7.1	7.2	7.5	8.2	8.1	8.0	7.6	7.9
94°	7.0	6.7	6.5	6.4	6.4	6.5	7.1	7.0	6.9	6.8	6.9
95°	6.2	6.1	5.8	5.7	5.7	5.9	6.4	6.2	6.2	6.0	6.1
96°	5.8	5.6	5.4	5.2	5.3	5.4	5.9	5.8	5.6	5.4	5.6
97°	5.5	5.3	5.1	5.0	5.0	5.2	5.6	5.5	5.3	5.1	5.3
98°	5.2	5.1	4.9	4.7	4.8	4.9	5.4	5.2	5.0	4.9	5.0
99°	5.0	4.9	4.7	4.5	4.6	4.7	5.1	5.0	4.8	4.7	4.8
100°	4.8	4.6	4.5	4.3	4.4	4.5	4.9	4.8	4.6	4.5	4.6
101°	4.5	4.4	4.3	4.2	4.2	4.3	4.7	4.6	4.4	4.3	4.4
102°	4.4	4.3	4.1	4.0	4.0	4.2	4.5	4.4	4.3	4.2	4.2
103°	4.2	4.1	3.9	3.8	3.9	4.0	4.3	4.2	4.1	4.0	4.1
104°	4.0	3.9	3.8	3.7	3.7	3.9	4.2	4.1	3.9	3.8	3.9
105°	3.8	3.8	3.7	3.6	3.6	3.7	4.0	3.9	3.8	3.7	3.8
106°	3.7	3.7	3.5	3.4	3.5	3.6	3.9	3.8	3.7	3.6	3.6
107°	3.6	3.5	3.4	3.3	3.4	3.5	3.7	3.7	3.5	3.5	3.5
108°	3.4	3.4	3.3	3.2	3.2	3.3	3.6	3.5	3.4	3.3	3.4
109°	3.3	3.3	3.2	3.1	3.1	3.2	3.5	3.4	3.3	3.2	3.3
110°	3.2	3.2	3.1	3.0	3.1	3.1	3.4	3.3	3.2	3.1	3.2
111°	3.1	3.1	3.0	2.9	3.0	3.0	3.3	3.2	3.1	3.1	3.1
112°	3.0	3.0	2.9	2.8	2.9	3.0	3.2	3.1	3.0	3.0	3.0
113°	2.9	2.9	2.8	2.8	2.8	2.9	3.1	3.0	2.9	2.9	2.9
114°	2.8	2.8	2.8	2.7	2.7	2.8	3.0	3.0	2.9	2.8	2.9
115°	2.8	2.8	2.7	2.6	2.7	2.7	2.9	2.9	2.8	2.7	2.8
116°	2.7	2.7	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.7	2.7
117°	2.6	2.6	2.6	2.5	2.5	2.6	2.8	2.7	2.7	2.6	2.7
118°	2.6	2.6	2.5	2.5	2.5	2.5	2.7	2.7	2.6	2.6	2.6
119°	2.5	2.5	2.5	2.4	2.4	2.5	2.6	2.6	2.5	2.5	2.6
120°	2.5	2.4	2.4	2.4	2.4	2.4	2.6	2.5	2.5	2.5	2.5
121°	2.4	2.4	2.4	2.3	2.3	2.4	2.5	2.5	2.5	2.4	2.5
122°	2.3	2.4	2.3	2.3	2.3	2.3	2.5	2.4	2.4	2.4	2.4
123°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
124°	2.3	2.3	2.2	2.2	2.2	2.2	2.4	2.4	2.3	2.3	2.3
125°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
126°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
127°	2.1	2.2	2.1	2.1	2.1	2.1	2.3	2.2	2.2	2.2	2.3
128°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
129°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
130°	2.0	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.2	2.2
131°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1
132°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1
133°	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.1	2.1
134°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1

REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
136°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
137°	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.9	1.9	2.0	2.0
138°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
139°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
140°	1.7	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.9
141°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
142°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8
143°	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.8	1.8
144°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
145°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
146°	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.7	1.7
147°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
148°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
149°	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.6	1.6
150°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
151°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
152°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
153°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
154°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
155°	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3
156°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
157°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
158°	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
159°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
160°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1
161°	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
162°	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
163°	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0
164°	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
165°	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9
166°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167°	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
168°	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8
169°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
171°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7
172°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	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	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
175°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
176°	0.6	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	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5
179°	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5



REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

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: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

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	0.1	0.2	0.2	0.3
5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
6°	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.6	0.7	0.7
7°	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1
8°	1.2	1.1	1.2	1.3	1.3	1.4	1.5	1.7	1.9	2.4	2.7
9°	2.9	2.7	2.7	3.0	3.3	3.5	3.2	3.5	3.6	4.1	4.7
10°	4.7	4.6	4.7	4.9	5.4	5.3	5.5	5.8	6.2	6.6	7.3
11°	9.5	9.6	9.0	9.5	10.0	9.9	9.9	9.8	10.9	11.6	12.3
12°	14.4	14.5	13.4	14.1	14.7	14.7	14.4	15.7	31.0	36.2	38.7
13°	19.4	20.2	20.9	22.2	23.8	23.6	24.3	46.4	51.5	61.4	65.3
14°	41.6	59.0	59.6	63.9	66.5	65.6	61.1	77.3	72.0	86.6	92.0
15°	79.9	97.8	98.4	105.6	109.3	107.6	97.8	108.1	109.5	128.4	138.3
16°	118.1	136.7	137.2	146.8	152.0	149.2	134.5	148.8	143.9	151.4	172.7
17°	156.3	174.0	175.4	173.7	189.9	175.0	170.4	179.7	175.3	176.6	192.5
18°	181.5	202.9	203.2	190.8	211.3	189.2	188.8	203.2	203.5	203.1	206.6
19°	200.7	223.7	226.1	211.8	224.3	207.1	213.3	227.9	227.9	224.7	217.6
20°	232.8	257.6	259.7	243.2	235.4	228.1	241.8	251.2	250.6	243.8	228.8
21°	254.4	280.5	283.0	263.3	247.3	242.3	260.0	271.5	283.3	264.7	244.7
22°	269.2	298.1	302.8	283.0	265.5	259.3	280.8	306.4	316.3	310.9	288.9
23°	294.9	326.7	334.9	320.4	298.2	292.7	320.4	341.7	349.2	357.2	333.6
24°	339.8	375.9	385.6	372.3	346.6	345.9	376.2	390.9	394.2	410.1	378.3
25°	392.3	435.8	441.7	431.2	401.0	410.6	429.5	445.7	438.9	446.2	416.7
26°	434.8	483.5	482.9	462.6	444.4	457.6	468.7	495.0	482.2	469.8	449.8
27°	468.6	527.6	520.5	487.3	483.3	497.4	494.6	545.0	512.7	495.7	483.8
28°	502.2	577.5	548.6	511.7	513.5	524.1	523.9	592.5	542.7	521.8	506.9
29°	539.9	620.2	578.1	541.1	536.1	543.1	557.4	630.3	574.2	547.9	523.4
30°	573.8	651.5	611.0	571.5	552.5	557.5	584.7	655.1	604.6	572.9	536.6
31°	599.6	678.0	640.7	590.4	566.1	570.9	610.1	677.8	622.5	588.4	546.6
32°	627.3	703.5	661.7	603.3	575.3	580.5	633.5	702.6	637.9	598.1	554.0
33°	647.5	726.6	683.7	614.0	584.1	586.5	647.3	724.0	657.6	607.4	560.9
34°	660.3	740.2	701.4	624.1	591.4	591.3	657.3	736.5	675.7	617.4	567.5
35°	671.2	750.2	713.4	634.2	597.4	596.5	668.4	748.2	689.3	627.2	572.9
36°	683.0	761.4	726.1	642.9	600.9	601.9	678.1	757.6	701.8	636.0	575.4
37°	692.7	773.8	736.8	650.2	603.0	604.2	684.8	768.0	710.0	641.7	574.9
38°	698.4	780.8	745.1	656.6	600.2	604.2	689.3	774.6	714.7	643.9	571.0
39°	701.4	783.1	747.8	658.0	594.6	602.8	691.9	776.5	717.2	644.6	567.5
40°	705.6	783.3	750.9	659.5	589.6	602.4	694.6	776.5	719.3	645.8	564.3
41°	710.9	783.9	753.8	661.5	586.5	601.0	697.1	775.7	719.6	646.8	560.8
42°	713.2	783.4	755.8	661.3	582.2	597.2	696.7	772.9	717.5	645.6	555.2
43°	710.0	781.1	750.8	657.0	575.2	590.5	691.3	767.4	710.3	640.7	544.9
44°	701.5	774.2	741.2	646.3	561.4	577.1	680.8	758.6	698.7	629.3	529.2

REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	687.8	759.4	724.5	629.8	542.0	558.4	666.3	745.8	684.1	612.9	510.8
46°	672.8	741.5	707.2	610.6	519.5	538.5	651.4	730.4	669.3	594.8	488.3
47°	659.7	724.2	692.0	590.6	496.0	517.3	634.6	709.6	651.2	573.2	462.2
48°	644.3	705.5	673.2	569.1	473.2	495.1	614.1	685.9	631.9	551.6	436.4
49°	623.3	681.4	651.3	548.2	450.4	469.9	590.2	659.5	607.4	529.4	412.7
50°	598.4	651.7	625.1	522.2	421.1	443.5	567.8	633.3	582.7	506.0	388.7
51°	570.7	620.8	596.9	496.8	392.5	417.6	544.2	604.8	557.4	486.3	365.5
52°	546.6	593.7	570.5	476.1	367.8	395.8	520.0	575.8	533.4	466.7	341.6
53°	523.6	567.6	545.3	456.0	346.2	375.4	498.8	548.5	507.2	447.0	319.2
54°	498.2	539.0	518.4	435.1	321.4	354.6	477.1	520.4	481.1	425.5	296.6
55°	473.1	509.2	491.5	412.5	296.6	335.0	454.0	491.1	455.6	402.5	274.9
56°	447.7	479.8	464.3	388.6	271.8	316.4	430.0	458.9	428.4	378.1	253.8
57°	422.0	451.0	437.3	364.0	252.9	297.4	404.8	428.1	401.8	352.6	234.9
58°	395.6	421.7	410.1	339.3	235.0	278.3	379.7	398.8	375.3	328.0	218.5
59°	368.4	394.6	383.1	316.8	220.0	259.3	356.2	371.2	350.2	306.3	204.9
60°	343.0	368.6	358.5	294.3	206.2	241.5	333.8	345.8	327.3	285.2	192.5
61°	319.6	344.2	335.3	271.8	193.9	225.0	312.4	322.6	305.8	264.7	181.4
62°	296.4	319.7	313.3	252.7	182.4	210.2	291.1	300.5	285.0	245.0	170.9
63°	273.3	297.0	291.2	234.0	171.2	196.3	269.7	279.5	264.9	227.3	161.0
64°	253.4	274.4	269.2	216.8	160.8	183.1	250.3	260.2	246.3	210.2	151.3
65°	234.8	254.5	250.1	201.5	150.9	170.8	232.8	242.4	229.4	194.7	142.3
66°	217.8	236.2	232.3	187.1	141.3	159.6	216.7	225.6	213.8	180.5	133.5
67°	202.7	219.6	215.4	173.8	132.8	149.3	201.5	209.8	198.7	167.4	125.5
68°	188.3	204.4	200.0	161.5	124.1	139.6	186.9	194.7	184.2	154.6	117.4
69°	175.1	190.1	186.0	150.1	116.3	130.2	173.7	181.1	171.0	142.3	109.4
70°	162.7	176.4	172.6	139.5	108.7	121.9	161.4	168.1	158.7	131.6	102.3
71°	151.0	163.9	160.2	129.8	101.8	114.3	150.0	156.0	147.0	122.4	95.5
72°	140.2	152.1	148.2	120.6	95.3	107.4	139.5	144.0	136.1	113.3	89.6
73°	129.9	140.1	136.5	111.6	89.1	100.6	129.3	133.1	126.3	104.1	83.6
74°	120.6	129.3	126.3	103.8	83.3	94.0	119.9	123.2	116.6	96.5	78.5
75°	111.7	119.1	116.4	96.4	77.7	88.0	111.0	113.3	106.8	89.3	73.1
76°	103.0	109.4	106.7	89.3	72.0	81.7	102.2	103.4	98.3	81.9	67.7
77°	93.7	99.8	97.4	81.9	66.0	75.0	93.0	94.4	89.4	73.7	61.3
78°	84.6	90.1	88.0	74.3	59.7	67.1	83.5	85.4	80.7	66.1	54.9
79°	75.8	81.0	79.3	66.7	53.5	60.1	74.8	76.5	72.2	58.7	48.7
80°	66.9	71.8	70.4	59.1	47.4	53.1	66.3	67.8	64.0	51.9	42.6
81°	58.7	63.2	62.0	51.9	41.5	46.7	58.2	59.4	56.2	45.4	37.2
82°	51.1	55.0	54.3	45.4	35.9	40.6	50.5	51.2	48.7	39.3	31.7
83°	44.6	47.9	47.1	39.6	31.7	35.1	43.5	44.2	42.1	34.1	27.6
84°	38.5	41.5	40.8	34.3	27.5	31.0	37.7	38.0	36.2	29.7	24.1
85°	33.1	35.4	34.9	29.9	23.4	26.9	32.7	32.5	31.1	25.5	20.8
86°	28.4	30.4	29.9	25.6	20.2	22.8	27.6	27.3	26.4	21.7	17.9
87°	23.7	25.3	25.0	21.2	17.2	19.3	22.6	22.7	22.0	18.3	15.2
88°	19.0	20.3	20.0	17.7	14.5	16.2	18.6	18.5	17.9	15.3	13.4
89°	15.5	16.6	16.3	14.7	12.3	13.7	15.2	15.2	14.6	13.5	11.6

REPORT NUMBER: P1192961
CATALOG NUMBER: BOL42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	13.2	14.1	13.8	12.7	10.9	12.0	12.9	13.3	12.9	11.7	9.9
91°	11.4	12.1	11.9	11.1	9.8	10.5	11.1	11.4	11.1	9.9	8.8
92°	9.8	10.4	10.3	9.7	8.9	9.3	9.6	9.5	9.4	8.7	8.0
93°	8.4	8.9	8.9	8.6	8.0	8.2	8.3	8.1	8.0	7.6	7.2
94°	7.2	7.7	7.7	7.5	7.3	7.2	7.0	7.0	6.9	6.5	6.5
95°	6.3	6.8	6.7	6.7	6.5	6.4	6.1	6.2	6.0	5.8	5.7
96°	5.7	6.2	6.1	6.0	5.8	5.8	5.6	5.7	5.5	5.3	5.2
97°	5.4	5.8	5.7	5.6	5.4	5.4	5.3	5.4	5.2	5.0	4.9
98°	5.2	5.6	5.5	5.3	5.2	5.1	5.0	5.1	4.9	4.8	4.7
99°	5.0	5.3	5.2	5.1	4.9	4.9	4.8	4.9	4.7	4.5	4.5
100°	4.8	5.1	5.0	4.9	4.7	4.7	4.6	4.6	4.5	4.3	4.3
101°	4.6	4.8	4.8	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.1
102°	4.4	4.6	4.6	4.5	4.3	4.3	4.3	4.2	4.1	4.0	3.9
103°	4.2	4.5	4.4	4.3	4.1	4.1	4.1	4.1	4.0	3.8	3.8
104°	4.1	4.3	4.2	4.1	4.0	3.9	4.0	3.9	3.8	3.7	3.6
105°	3.9	4.1	4.1	3.9	3.8	3.8	3.8	3.7	3.7	3.5	3.5
106°	3.8	4.0	3.9	3.8	3.7	3.7	3.7	3.6	3.5	3.4	3.4
107°	3.7	3.8	3.8	3.7	3.5	3.5	3.5	3.5	3.4	3.3	3.2
108°	3.5	3.7	3.6	3.5	3.4	3.4	3.4	3.4	3.3	3.2	3.1
109°	3.4	3.6	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.0
110°	3.3	3.4	3.4	3.3	3.2	3.2	3.2	3.1	3.1	3.0	2.9
111°	3.2	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9
112°	3.1	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8
113°	3.0	3.1	3.1	3.0	2.9	2.9	2.9	2.9	2.8	2.7	2.7
114°	2.9	3.0	3.0	2.9	2.8	2.8	2.9	2.8	2.7	2.7	2.6
115°	2.9	3.0	2.9	2.9	2.8	2.7	2.8	2.7	2.7	2.6	2.6
116°	2.8	2.9	2.9	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5
117°	2.7	2.8	2.8	2.7	2.6	2.6	2.7	2.6	2.5	2.5	2.5
118°	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.4
119°	2.6	2.7	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4
120°	2.6	2.6	2.6	2.5	2.4	2.4	2.5	2.4	2.4	2.3	2.3
121°	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3
122°	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2
123°	2.4	2.4	2.4	2.4	2.3	2.3	2.4	2.2	2.2	2.2	2.2
124°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
125°	2.3	2.4	2.4	2.3	2.2	2.3	2.3	2.2	2.1	2.1	2.1
126°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1
127°	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
128°	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0
129°	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.0	2.0	2.0	2.0
130°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
131°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
132°	2.1	2.1	2.1	2.1	2.0	2.1	2.1	1.9	1.9	1.9	1.9
133°	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9
134°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9

REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.9
136°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
137°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
138°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
139°	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7
140°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
141°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
142°	1.8	1.8	1.8	1.8	1.7	1.8	1.7	1.6	1.6	1.6	1.6
143°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
144°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
145°	1.7	1.7	1.7	1.7	1.6	1.7	1.6	1.5	1.5	1.5	1.5
146°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
147°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
148°	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.4	1.4	1.4	1.4
149°	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
151°	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3
152°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
153°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
154°	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2
155°	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
156°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1
157°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
158°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
159°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0
160°	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
161°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.0	1.0
162°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9
163°	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
164°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.9	0.9	0.9
165°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
166°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
167°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.8
168°	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
169°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.7	0.7	0.7
171°	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
172°	0.7	0.7	0.7	0.7	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	0.6	0.6	0.7	0.7	0.7	0.7
175°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
176°	0.6	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°	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
179°	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5



REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

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°	0.5	0.6	0.6
6°	0.8	0.9	0.9
7°	1.2	1.3	1.2
8°	2.8	2.7	2.5
9°	4.7	4.6	4.6
10°	7.6	7.8	7.7
11°	13.3	13.4	13.0
12°	39.7	38.1	35.7
13°	66.6	63.1	58.8
14°	93.6	88.1	82.0
15°	137.2	133.4	129.6
16°	163.7	168.3	163.3
17°	181.1	198.6	194.4
18°	203.0	231.4	227.4
19°	218.4	246.7	243.5
20°	236.1	265.7	264.0
21°	263.0	300.7	301.1
22°	305.6	336.3	338.6
23°	348.5	373.3	375.5
24°	391.3	419.9	425.4
25°	441.9	467.7	474.5
26°	487.9	508.2	526.6
27°	515.0	549.6	580.2
28°	534.9	585.2	620.2
29°	551.5	611.4	646.5
30°	564.8	634.5	671.9
31°	575.3	659.0	693.7
32°	584.6	677.5	708.3
33°	595.8	693.5	720.1
34°	606.7	707.1	731.4
35°	613.6	717.0	740.5
36°	619.2	723.1	747.5
37°	622.7	728.5	753.7
38°	624.4	730.8	756.2
39°	625.3	731.5	754.8
40°	624.4	731.7	752.9
41°	621.4	730.1	749.3
42°	614.4	725.2	746.2
43°	605.4	720.1	740.9
44°	593.6	710.9	730.8

REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	580.4	697.6	715.6
46°	561.4	677.7	694.7
47°	536.0	651.2	667.3
48°	506.8	622.6	641.4
49°	481.4	600.7	618.7
50°	458.2	576.3	593.1
51°	431.2	548.2	565.5
52°	405.9	520.4	538.3
53°	382.9	495.3	510.5
54°	360.1	466.7	481.1
55°	337.8	437.1	450.9
56°	314.9	408.2	421.9
57°	292.4	380.4	393.5
58°	271.5	353.8	367.5
59°	252.5	328.5	342.7
60°	235.0	305.2	318.6
61°	220.0	284.0	296.8
62°	206.7	264.9	277.0
63°	193.4	247.3	258.8
64°	181.3	230.8	241.3
65°	170.1	215.6	224.8
66°	159.9	201.1	209.4
67°	150.0	187.5	194.8
68°	140.5	174.2	181.3
69°	131.2	161.7	167.8
70°	123.1	150.0	155.5
71°	115.1	139.0	143.9
72°	107.0	128.3	133.2
73°	100.0	119.1	123.3
74°	93.5	109.8	113.4
75°	86.8	101.0	103.5
76°	80.2	92.1	94.8
77°	73.0	83.5	85.8
78°	65.7	74.8	77.0
79°	58.4	66.5	68.5
80°	51.4	58.5	60.4
81°	44.9	51.0	52.5
82°	38.8	44.3	45.7
83°	33.8	38.3	39.6
84°	29.4	33.0	34.3
85°	25.3	28.2	29.3
86°	21.5	23.8	24.7
87°	17.9	19.8	20.6
88°	15.0	16.3	17.0
89°	13.3	13.8	14.4

REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	11.5	12.0	12.5
91°	9.8	10.2	10.7
92°	8.6	8.8	9.3
93°	7.6	7.6	8.0
94°	6.6	6.6	7.0
95°	5.9	5.9	6.2
96°	5.3	5.4	5.8
97°	5.0	5.2	5.5
98°	4.8	4.9	5.2
99°	4.6	4.7	5.0
100°	4.4	4.5	4.8
101°	4.2	4.3	4.5
102°	4.0	4.1	4.4
103°	3.8	4.0	4.2
104°	3.7	3.8	4.0
105°	3.6	3.7	3.8
106°	3.4	3.6	3.7
107°	3.3	3.4	3.6
108°	3.2	3.3	3.4
109°	3.1	3.2	3.3
110°	3.0	3.1	3.2
111°	2.9	3.0	3.1
112°	2.8	2.9	3.0
113°	2.7	2.9	2.9
114°	2.7	2.8	2.8
115°	2.6	2.7	2.8
116°	2.5	2.6	2.7
117°	2.5	2.6	2.6
118°	2.4	2.5	2.6
119°	2.4	2.5	2.5
120°	2.3	2.4	2.5
121°	2.3	2.4	2.4
122°	2.2	2.3	2.3
123°	2.2	2.3	2.3
124°	2.2	2.2	2.3
125°	2.1	2.2	2.2
126°	2.1	2.2	2.2
127°	2.1	2.1	2.1
128°	2.0	2.1	2.1
129°	2.0	2.1	2.1
130°	2.0	2.0	2.0
131°	2.0	2.0	2.0
132°	1.9	2.0	2.0
133°	1.9	1.9	2.0
134°	1.9	1.9	1.9

REPORT NUMBER: P1192961
 CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1192961
CATALOG NUMBER: BOLF42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.6	0.6	0.6

(END OF REPORT)