

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: P1192958

Luminaire Tested: BOLF42-25S-BZ-15W-3000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192958
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-15W-3000K
Description: Flat Top G6 Bollard, 42" length, 15W, BZ at 3000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

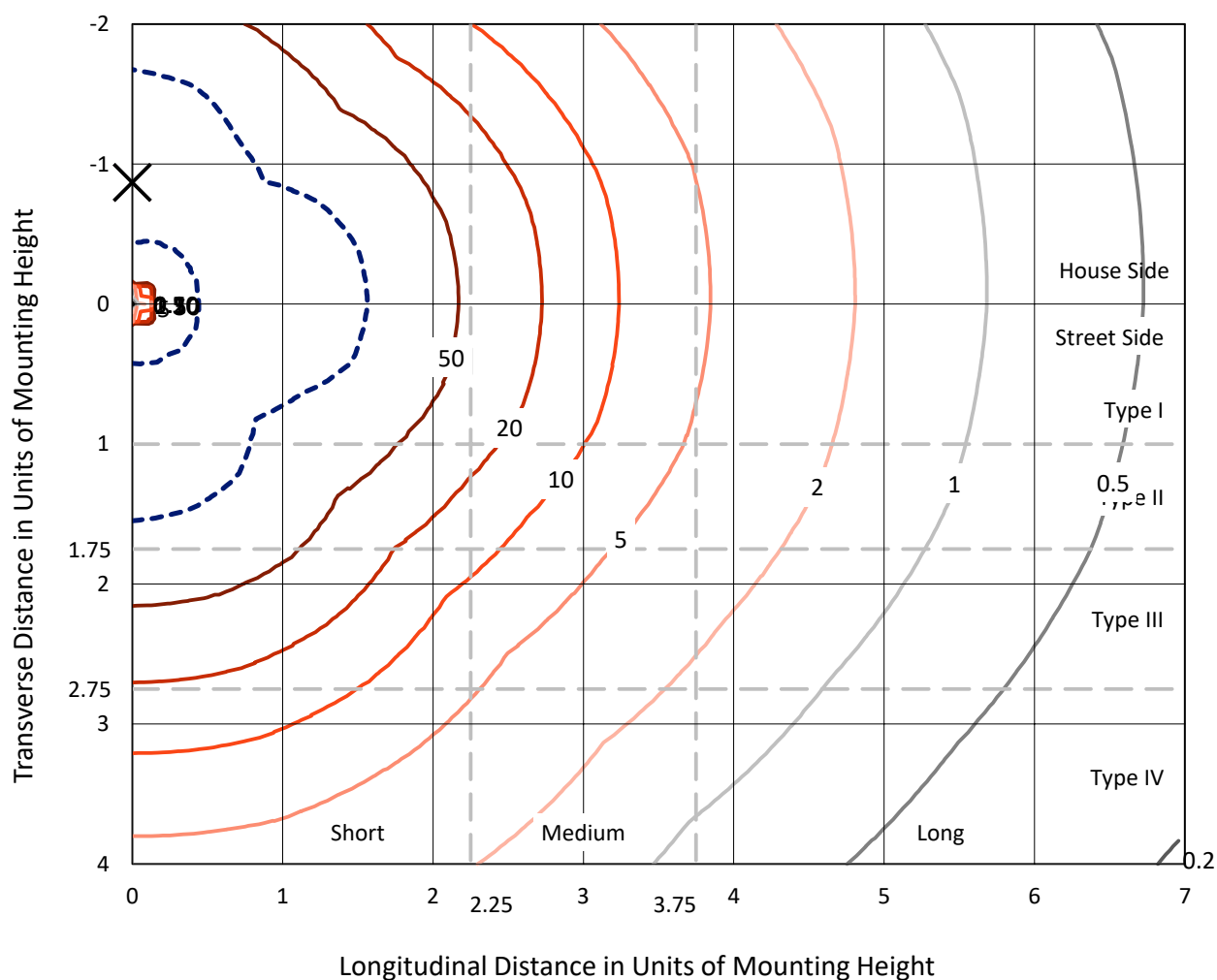
Lumens per Lamp: 1375.2 (1 lamp)
Luminaire Lumens: 1375.2 lumens
Efficiency: 100.0%
Efficacy: 91.7 lumens/watt
Luminous Opening: Point Source (0' x 0' x 0')
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U1 - G1

Input Watts (W): 15
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

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

Iso-Footcandle Lines of Horizontal Illumination

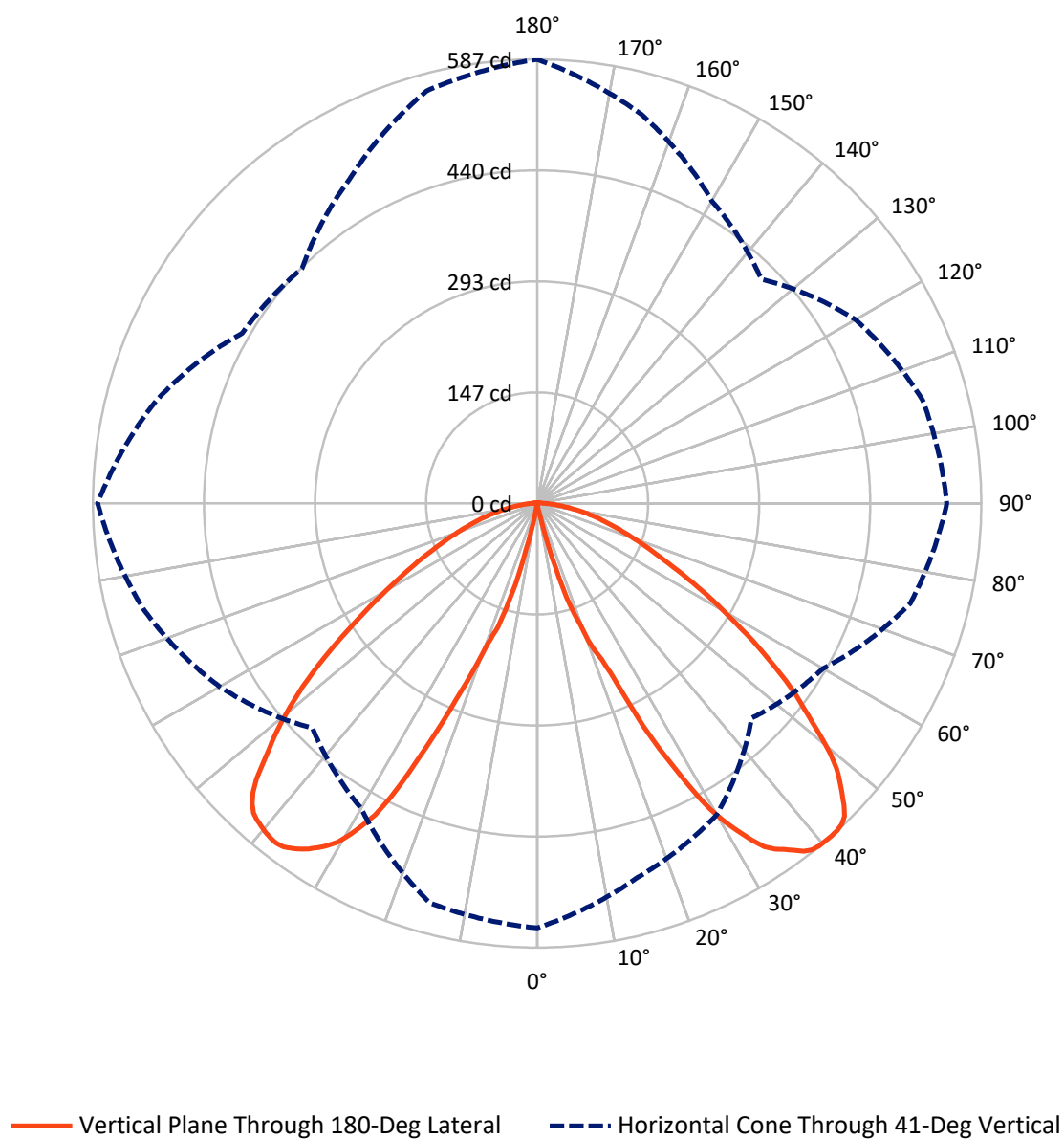
× Max cd
- - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1293.1 fc
Type V - Short - Cutoff

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

Luminous Intensity Polar Plot



REPORT NUMBER: P1192958
CATALOG NUMBER: BOL42-25S-BZ-15W-3000K

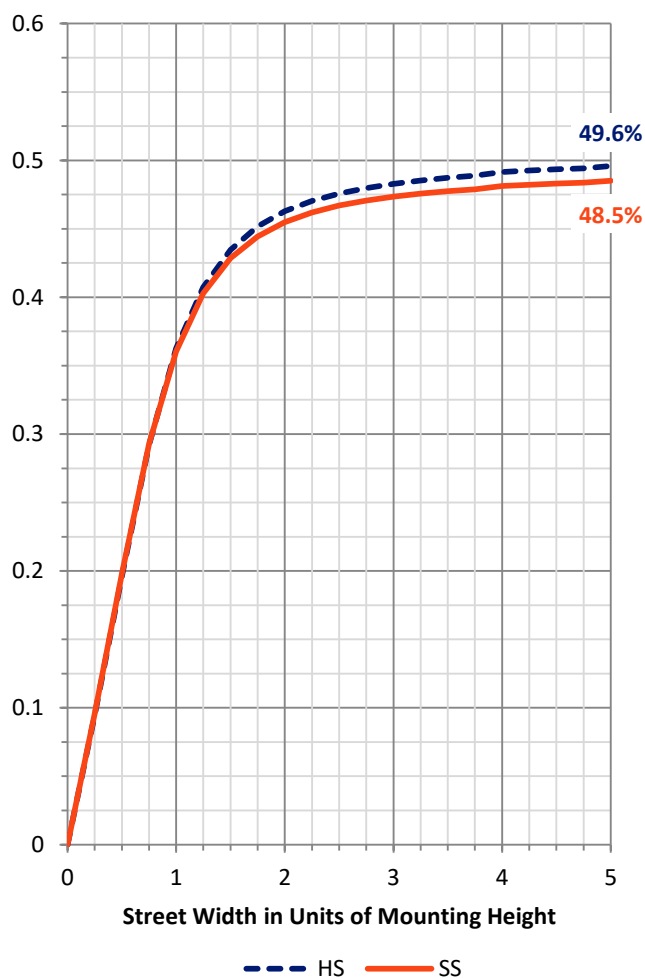
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	688.6	7.7	696.2
	% Lamp	50.1	0.6	50.6
Street Side	Lumens	671.7	7.2	678.9
	% Lamp	48.8	0.5	49.4
Total	Lumens	1360.3	14.9	1375.2
	% Lamp	98.9	1.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.1	0.0	0.0
10°-20°	27.4	2.0	2.0
20°-30°	149.3	10.9	10.9
30°-40°	302.3	22.0	22.0
40°-50°	356.3	25.9	25.9
50°-60°	268.6	19.5	19.5
60°-70°	153.8	11.2	11.2
70°-80°	77.7	5.7	5.7
80°-90°	24.9	1.8	1.8
90°-100°	5.7	0.4	0.4
100°-110°	3.0	0.2	0.2
110°-120°	2.1	0.2	0.2
120°-130°	1.5	0.1	0.1
130°-140°	1.1	0.1	0.1
140°-150°	0.8	0.1	0.1
150°-160°	0.4	0.0	0.0
160°-170°	0.2	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	1360.3	98.9	98.9
0°-180°	1375.2	100.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1192958

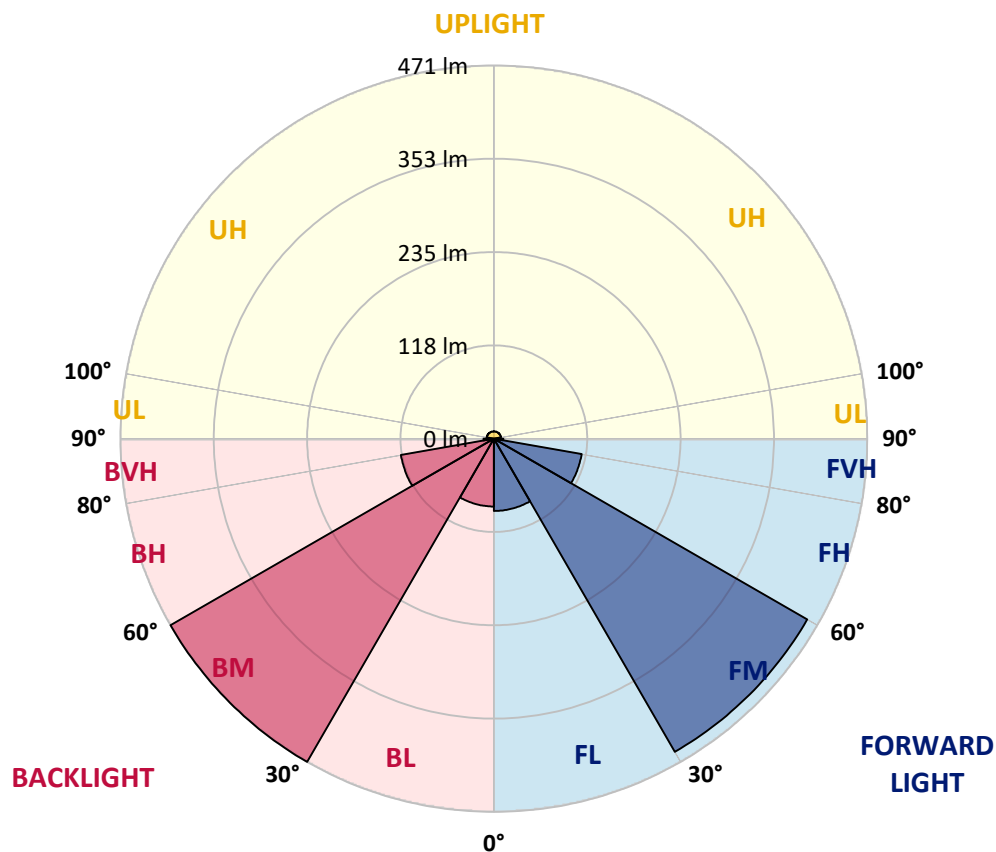
CATALOG NUMBER: BOL42-25S-BZ-15W-3000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	91.2	6.6			
FM	(30°-60°)	456.2	33.2			
FH	(60°-80°)	112.4	8.2			G0/660
FVH	(80°-90°)	11.8	0.9			G1/100
BL	(0°-30°)	85.6	6.2	B0/110		
BM	(30°-60°)	470.9	34.2	B1/1000		
BH	(60°-80°)	119.0	8.7	B1/500		G0/660
BVH	(80°-90°)	13.1	0.9			G1/100
UL	(90°-100°)	5.7	0.4		U1/10	
UH	(100°-180°)	9.2	0.7		U1/10	
Trapped Light		0.0	0.0			

BUG Rating: B1-U1-G1

Type V Short



REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

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	0.0	0.0	0.0	0.0	0.0
4°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
5°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
6°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
7°	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6
8°	1.9	2.0	2.2	2.0	1.8	1.6	1.3	1.2	1.2	1.0	0.9
9°	3.5	3.4	3.4	3.5	3.3	2.9	2.8	2.8	2.6	2.6	2.3
10°	5.7	5.6	5.5	5.9	5.4	5.0	5.8	5.7	5.6	5.5	3.8
11°	9.7	9.1	9.6	10.2	9.9	8.8	8.7	8.6	8.6	8.4	7.1
12°	26.7	26.1	30.4	31.8	30.5	25.4	11.8	11.6	11.8	11.4	10.5
13°	44.0	43.4	51.2	53.6	51.1	42.2	19.7	19.7	19.1	18.2	16.6
14°	61.4	60.7	72.0	75.4	71.8	59.0	48.4	49.0	47.1	49.3	46.8
15°	97.0	91.8	98.0	109.5	104.2	87.2	77.1	78.4	75.0	80.3	76.9
16°	122.3	116.5	119.0	131.8	120.4	113.5	105.7	107.6	102.7	111.3	107.0
17°	145.5	139.0	139.1	141.8	138.3	136.8	128.9	134.1	122.4	133.5	125.4
18°	170.2	163.3	162.0	149.8	150.1	153.4	146.6	150.5	134.3	145.3	139.3
19°	182.3	175.0	174.9	157.8	159.4	172.6	165.9	169.6	151.6	153.6	152.3
20°	197.6	189.5	189.8	167.4	169.9	190.6	183.6	190.1	174.8	161.8	171.2
21°	225.4	217.2	218.5	183.2	185.3	214.2	200.7	206.8	192.1	171.0	183.6
22°	253.4	245.3	247.3	215.9	219.1	238.0	220.2	226.0	211.2	187.2	197.0
23°	281.0	273.3	276.1	249.0	253.3	261.8	251.4	255.4	241.5	212.6	219.8
24°	318.4	307.8	315.5	282.1	287.5	295.1	286.4	292.8	280.4	248.0	254.6
25°	355.1	336.2	342.6	312.8	322.5	325.8	326.8	327.9	320.7	285.7	295.9
26°	394.2	367.0	361.7	337.8	353.5	350.6	363.6	360.2	343.9	311.2	331.0
27°	434.3	389.8	378.1	361.2	372.8	373.2	397.3	387.0	362.8	335.1	360.7
28°	464.2	409.6	391.9	375.9	388.6	398.4	428.4	407.4	379.3	357.1	379.5
29°	483.9	432.1	407.9	385.1	401.2	420.9	453.4	428.6	393.9	371.2	394.0
30°	502.9	446.8	424.6	392.0	408.3	435.0	469.7	448.7	411.9	382.9	407.3
31°	519.2	456.1	434.2	396.2	414.4	451.3	484.4	463.3	430.1	392.4	417.9
32°	530.1	465.5	443.3	401.9	420.5	466.9	499.6	474.9	441.6	399.9	425.9
33°	539.0	480.3	452.5	407.7	427.0	478.1	511.2	487.2	451.0	407.0	432.4
34°	547.4	495.5	460.3	410.4	432.2	487.5	518.6	498.8	459.2	413.1	438.8
35°	554.2	505.9	465.9	411.4	437.3	495.4	525.3	509.9	466.8	418.4	445.1
36°	559.5	511.7	469.6	411.0	440.5	501.2	531.5	518.3	472.8	422.7	450.0
37°	564.1	515.3	471.8	409.9	441.9	504.8	536.9	523.1	475.9	424.7	454.6
38°	566.0	516.0	473.2	408.1	441.1	506.9	540.6	524.6	477.0	424.3	457.4
39°	565.0	516.0	474.5	406.5	440.3	508.7	542.1	526.2	479.3	422.8	458.4
40°	563.5	515.3	476.2	405.0	438.6	510.2	541.9	527.5	482.2	421.0	460.1
41°	560.8	511.8	474.7	400.9	436.1	510.2	541.1	527.2	485.7	418.9	461.5
42°	558.5	508.4	471.1	394.4	431.3	508.8	538.0	523.7	486.4	417.5	460.1
43°	554.5	504.1	464.5	385.2	424.7	504.1	533.0	517.3	481.3	413.4	455.9
44°	546.9	498.1	455.5	374.6	414.8	496.3	525.2	506.6	471.9	404.9	447.7

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	535.6	488.3	443.3	362.1	404.5	486.4	515.8	495.7	458.6	392.4	437.8
46°	520.0	474.6	428.4	346.0	389.6	474.0	504.3	484.4	444.5	377.4	426.0
47°	499.5	456.4	410.4	327.1	373.5	460.1	491.0	472.1	430.8	360.4	412.3
48°	480.0	440.0	393.6	310.4	357.5	445.7	474.6	457.3	415.8	345.6	396.3
49°	463.1	426.5	379.5	295.7	342.6	428.3	456.1	439.5	398.1	329.8	379.2
50°	443.9	410.6	366.9	280.1	325.8	410.7	436.2	420.7	380.0	312.2	361.7
51°	423.3	393.0	351.8	264.3	310.8	394.9	416.5	403.3	363.5	294.2	342.7
52°	402.9	375.6	336.8	250.1	296.1	377.9	398.2	385.4	347.7	277.5	324.9
53°	382.0	358.1	321.4	236.1	281.7	360.9	379.9	367.4	331.3	261.8	308.6
54°	360.1	339.3	304.4	221.2	265.8	343.2	360.6	349.9	314.7	245.4	292.4
55°	337.5	320.9	287.0	206.8	250.6	325.3	340.2	332.7	297.7	228.0	276.8
56°	315.7	303.3	270.2	192.4	235.5	306.3	320.5	314.8	280.6	210.7	260.7
57°	294.5	285.1	253.7	179.8	220.0	287.0	300.2	296.4	262.7	193.5	245.8
58°	275.1	267.7	238.3	168.4	206.1	268.6	280.8	277.5	245.4	180.2	230.5
59°	256.5	251.6	223.2	158.5	193.1	250.9	263.0	260.5	230.0	169.3	215.2
60°	238.4	235.9	209.5	149.6	181.1	235.1	246.1	244.7	214.5	159.2	200.0
61°	222.1	221.0	196.3	141.4	170.1	220.0	230.1	229.6	199.2	149.7	186.7
62°	207.3	207.0	183.7	133.7	159.7	205.3	214.1	214.5	185.5	140.7	174.4
63°	193.7	193.0	171.9	126.1	149.6	191.8	198.2	199.5	172.5	132.3	162.2
64°	180.6	179.9	160.3	118.7	140.1	178.3	185.3	185.6	160.7	124.6	150.8
65°	168.3	167.5	149.5	112.0	131.5	166.6	172.4	173.1	149.6	117.3	140.2
66°	156.7	156.1	139.1	105.7	123.0	155.4	160.7	161.1	139.0	110.2	130.5
67°	145.8	145.3	129.5	99.4	115.0	144.8	149.5	150.0	129.2	103.6	121.3
68°	135.7	135.2	120.1	93.6	107.2	134.5	139.2	139.6	120.2	97.0	113.0
69°	125.6	125.5	111.3	87.9	99.7	125.0	129.6	130.1	111.8	91.0	105.3
70°	116.4	116.4	103.4	82.1	93.1	116.2	120.5	120.8	104.2	85.3	98.2
71°	107.7	108.1	97.2	76.9	86.5	107.5	111.8	112.3	96.8	79.8	91.3
72°	99.7	100.3	89.6	72.0	79.9	99.6	103.7	104.1	90.0	74.5	85.3
73°	92.3	93.0	81.9	67.3	74.2	92.3	95.8	96.3	83.6	69.6	79.7
74°	84.9	85.6	75.8	62.5	68.9	85.0	88.3	88.8	77.5	65.2	74.3
75°	77.5	78.3	69.7	57.8	63.9	77.8	81.2	81.9	71.8	60.9	69.2
76°	70.9	71.4	63.5	53.0	58.7	70.8	74.4	75.1	66.2	56.5	64.2
77°	64.2	64.4	57.0	48.2	53.2	64.2	67.5	68.1	60.2	51.7	58.7
78°	57.6	57.7	51.1	43.4	47.8	57.8	60.7	61.3	54.4	46.6	52.9
79°	51.2	51.5	45.5	38.6	42.5	51.5	54.3	55.1	48.6	41.5	47.2
80°	45.2	45.6	40.2	33.9	37.6	45.5	48.1	48.8	43.1	36.5	41.7
81°	39.3	39.8	35.1	29.4	32.7	39.6	42.3	42.9	37.8	31.8	36.6
82°	34.2	34.3	30.4	25.2	28.3	34.3	36.7	37.3	32.9	27.4	31.8
83°	29.7	29.9	26.6	22.0	24.6	29.7	31.8	32.4	28.7	23.8	27.7
84°	25.6	25.8	23.1	19.1	21.3	25.6	27.5	28.0	25.0	21.0	24.1
85°	21.9	22.0	19.7	16.5	18.3	21.8	23.8	24.2	21.7	18.1	21.0
86°	18.5	18.5	16.5	14.0	15.4	18.3	20.1	20.4	18.4	15.3	17.8
87°	15.4	15.3	13.7	11.8	12.8	15.2	16.4	16.6	15.1	12.9	14.7
88°	12.7	12.5	11.3	10.3	10.7	12.4	13.4	13.5	12.5	10.8	12.2
89°	10.8	10.4	9.9	8.8	9.3	10.3	11.2	11.1	10.4	9.0	10.2

REPORT NUMBER: P1192958
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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	9.4	9.1	8.6	7.3	7.9	8.9	9.6	9.5	8.9	7.8	8.8
91°	8.0	7.8	7.3	6.6	6.9	7.6	8.3	8.2	7.8	6.9	7.7
92°	6.9	6.8	6.4	5.9	6.1	6.5	7.1	7.1	6.8	6.3	6.7
93°	6.0	5.8	5.6	5.3	5.4	5.6	6.2	6.1	6.0	5.7	5.9
94°	5.2	5.0	4.8	4.8	4.8	4.9	5.3	5.2	5.2	5.1	5.2
95°	4.7	4.5	4.4	4.2	4.3	4.4	4.8	4.7	4.6	4.5	4.6
96°	4.3	4.2	4.0	3.9	3.9	4.1	4.4	4.3	4.2	4.0	4.2
97°	4.1	4.0	3.8	3.7	3.8	3.9	4.2	4.1	4.0	3.8	3.9
98°	3.9	3.8	3.7	3.5	3.6	3.7	4.0	3.9	3.8	3.7	3.8
99°	3.7	3.6	3.5	3.4	3.4	3.5	3.8	3.7	3.6	3.5	3.6
100°	3.6	3.5	3.3	3.3	3.3	3.4	3.7	3.6	3.5	3.4	3.4
101°	3.4	3.3	3.2	3.1	3.2	3.2	3.5	3.4	3.3	3.2	3.3
102°	3.3	3.2	3.1	3.0	3.0	3.1	3.4	3.3	3.2	3.1	3.2
103°	3.1	3.1	3.0	2.9	2.9	3.0	3.2	3.2	3.1	3.0	3.1
104°	3.0	2.9	2.8	2.8	2.8	2.9	3.1	3.1	2.9	2.9	2.9
105°	2.9	2.8	2.7	2.7	2.7	2.8	3.0	2.9	2.8	2.8	2.8
106°	2.8	2.7	2.6	2.6	2.6	2.7	2.9	2.8	2.7	2.7	2.7
107°	2.7	2.6	2.5	2.5	2.5	2.6	2.8	2.7	2.6	2.6	2.6
108°	2.6	2.5	2.5	2.4	2.4	2.5	2.7	2.6	2.6	2.5	2.5
109°	2.5	2.5	2.4	2.3	2.4	2.4	2.6	2.6	2.5	2.4	2.5
110°	2.4	2.4	2.3	2.3	2.3	2.3	2.5	2.5	2.4	2.3	2.4
111°	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.4	2.3	2.3	2.3
112°	2.3	2.2	2.2	2.1	2.2	2.2	2.4	2.3	2.3	2.2	2.3
113°	2.2	2.2	2.1	2.1	2.1	2.2	2.3	2.3	2.2	2.2	2.2
114°	2.1	2.1	2.1	2.0	2.0	2.1	2.2	2.2	2.1	2.1	2.1
115°	2.1	2.1	2.0	2.0	2.0	2.0	2.2	2.1	2.1	2.1	2.1
116°	2.0	2.0	2.0	1.9	1.9	2.0	2.1	2.1	2.0	2.0	2.0
117°	2.0	2.0	1.9	1.9	1.9	1.9	2.1	2.0	2.0	2.0	2.0
118°	1.9	1.9	1.9	1.8	1.9	1.9	2.0	2.0	1.9	1.9	1.9
119°	1.9	1.9	1.8	1.8	1.8	1.9	2.0	1.9	1.9	1.9	1.9
120°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
121°	1.8	1.8	1.8	1.7	1.8	1.8	1.9	1.9	1.8	1.8	1.8
122°	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
123°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
124°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.8
125°	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
126°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
127°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
128°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
129°	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6
130°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
131°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
132°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
133°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
134°	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
136°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
137°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
138°	1.3	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4
139°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
140°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
141°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
142°	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3
143°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
144°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
145°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
146°	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2
147°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
148°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
149°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
151°	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
152°	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
153°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
154°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
156°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
157°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
158°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
159°	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
161°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162°	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
163°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
164°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7
165°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
166°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
167°	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6
168°	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6
169°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
170°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
171°	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5
172°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.5
173°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
174°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176°	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-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	0.0	0.0
4°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
6°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
7°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8
8°	0.9	0.8	0.9	1.0	1.0	1.0	1.1	1.3	1.4	1.8	2.0
9°	2.1	2.0	2.0	2.2	2.4	2.7	2.4	2.7	2.7	3.0	3.5
10°	3.5	3.5	3.5	3.7	4.0	4.0	4.1	4.4	4.6	5.0	5.5
11°	7.1	7.2	6.7	7.1	7.5	7.4	7.4	7.4	8.1	8.7	9.2
12°	10.8	10.9	10.0	10.6	11.0	11.0	10.7	11.7	23.2	27.1	29.0
13°	14.5	15.1	15.6	16.6	17.8	17.6	18.2	34.7	38.5	46.0	48.9
14°	31.1	44.2	44.6	47.8	49.8	49.1	45.7	57.8	53.9	64.8	68.8
15°	59.8	73.2	73.7	79.0	81.8	80.5	73.2	80.9	81.9	96.1	103.5
16°	88.4	102.3	102.7	109.9	113.8	111.7	100.7	111.4	107.7	113.3	129.2
17°	117.0	130.2	131.3	130.0	142.1	131.0	127.5	134.5	131.2	132.2	144.1
18°	135.8	151.9	152.1	142.8	158.2	141.6	141.3	152.1	152.3	152.0	154.6
19°	150.2	167.5	169.2	158.5	167.9	155.0	159.6	170.6	170.6	168.1	162.8
20°	174.2	192.8	194.4	182.0	176.2	170.8	181.0	188.0	187.6	182.5	171.2
21°	190.4	209.9	211.8	197.1	185.1	181.4	194.6	203.2	212.0	198.1	183.2
22°	201.5	223.1	226.6	211.8	198.7	194.0	210.2	229.3	236.7	232.7	216.2
23°	220.7	244.5	250.7	239.8	223.2	219.1	239.8	255.7	261.3	267.3	249.7
24°	254.4	281.3	288.6	278.6	259.4	258.9	281.6	292.5	295.0	306.9	283.1
25°	293.6	326.2	330.6	322.7	300.2	307.3	321.5	333.6	328.5	334.0	311.9
26°	325.4	361.9	361.4	346.2	332.6	342.5	350.8	370.5	360.9	351.6	336.7
27°	350.7	394.8	389.5	364.8	361.7	372.3	370.2	407.9	383.8	371.0	362.1
28°	375.9	432.3	410.6	383.0	384.3	392.3	392.1	443.4	406.2	390.5	379.4
29°	404.1	464.2	432.7	405.0	401.3	406.4	417.2	471.8	429.8	410.1	391.8
30°	429.4	487.6	457.3	427.7	413.5	417.3	437.6	490.3	452.5	428.8	401.6
31°	448.7	507.5	479.6	441.9	423.7	427.3	456.6	507.3	465.9	440.4	409.1
32°	469.5	526.6	495.3	451.6	430.6	434.5	474.1	525.8	477.4	447.7	414.6
33°	484.6	543.9	511.7	459.6	437.2	438.9	484.5	541.9	492.2	454.6	419.8
34°	494.2	554.0	525.0	467.1	442.6	442.6	492.0	551.2	505.8	462.1	424.8
35°	502.4	561.5	533.9	474.7	447.1	446.5	500.3	560.0	515.9	469.4	428.8
36°	511.2	569.8	543.4	481.2	449.8	450.5	507.5	567.1	525.3	476.0	430.6
37°	518.4	579.1	551.5	486.6	451.3	452.2	512.6	574.8	531.4	480.3	430.3
38°	522.7	584.4	557.6	491.4	449.2	452.2	515.9	579.8	534.9	481.9	427.4
39°	525.0	586.1	559.7	492.5	445.0	451.2	517.9	581.1	536.8	482.5	424.7
40°	528.1	586.3	562.0	493.6	441.3	450.9	519.9	581.1	538.3	483.3	422.4
41°	532.1	586.7	564.2	495.1	439.0	449.8	521.7	580.6	538.6	484.1	419.7
42°	533.8	586.3	565.7	495.0	435.8	447.0	521.4	578.5	537.0	483.2	415.6
43°	531.4	584.6	561.9	491.8	430.5	441.9	517.4	574.3	531.6	479.5	407.8
44°	525.0	579.4	554.7	483.8	420.2	431.9	509.5	567.8	522.9	471.0	396.1

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	514.8	568.4	542.3	471.4	405.7	417.9	498.7	558.2	512.0	458.7	382.3
46°	503.5	555.0	529.3	457.0	388.8	403.0	487.5	546.7	500.9	445.2	365.5
47°	493.8	542.0	518.0	442.0	371.3	387.2	475.0	531.1	487.4	429.0	345.9
48°	482.2	528.0	503.9	425.9	354.1	370.5	459.6	513.3	472.9	412.9	326.7
49°	466.5	510.0	487.5	410.3	337.1	351.7	441.7	493.6	454.6	396.2	308.9
50°	447.9	487.7	467.8	390.9	315.2	332.0	425.0	474.0	436.1	378.7	291.0
51°	427.1	464.6	446.7	371.8	293.8	312.5	407.3	452.6	417.2	363.9	273.5
52°	409.1	444.4	427.0	356.4	275.3	296.2	389.2	431.0	399.2	349.3	255.7
53°	391.9	424.8	408.1	341.3	259.1	280.9	373.3	410.6	379.6	334.6	238.9
54°	372.9	403.4	388.0	325.6	240.6	265.4	357.1	389.5	360.1	318.4	222.0
55°	354.1	381.1	367.9	308.7	222.0	250.7	339.8	367.5	341.0	301.3	205.8
56°	335.1	359.1	347.5	290.8	203.4	236.8	321.8	343.5	320.6	283.0	190.0
57°	315.8	337.5	327.3	272.4	189.3	222.6	303.0	320.4	300.7	263.9	175.8
58°	296.1	315.7	307.0	254.0	175.9	208.3	284.2	298.5	280.9	245.5	163.5
59°	275.7	295.3	286.7	237.1	164.6	194.1	266.6	277.9	262.1	229.2	153.4
60°	256.7	275.9	268.3	220.2	154.3	180.8	249.8	258.8	244.9	213.4	144.1
61°	239.2	257.6	251.0	203.4	145.1	168.4	233.8	241.5	228.9	198.1	135.7
62°	221.8	239.3	234.5	189.2	136.5	157.3	217.8	224.9	213.3	183.4	127.9
63°	204.6	222.3	218.0	175.1	128.1	146.9	201.8	209.2	198.3	170.1	120.5
64°	189.7	205.3	201.5	162.3	120.3	137.1	187.4	194.7	184.3	157.3	113.2
65°	175.7	190.5	187.2	150.8	112.9	127.8	174.2	181.4	171.7	145.7	106.5
66°	163.0	176.8	173.9	140.1	105.8	119.4	162.2	168.8	160.0	135.1	100.0
67°	151.7	164.3	161.2	130.0	99.4	111.7	150.8	157.0	148.7	125.3	93.9
68°	140.9	153.0	149.7	120.9	92.9	104.4	139.8	145.7	137.9	115.7	87.9
69°	131.0	142.3	139.2	112.3	87.0	97.4	130.0	135.5	128.0	106.5	81.9
70°	121.8	132.0	129.2	104.4	81.4	91.3	120.8	125.8	118.8	98.5	76.6
71°	113.0	122.7	119.9	97.1	76.2	85.5	112.2	116.7	110.0	91.6	71.5
72°	104.9	113.8	110.9	90.2	71.3	80.4	104.4	107.8	101.8	84.8	67.0
73°	97.2	104.9	102.2	83.6	66.7	75.3	96.8	99.6	94.5	77.9	62.6
74°	90.2	96.7	94.5	77.7	62.3	70.3	89.7	92.2	87.2	72.2	58.7
75°	83.6	89.2	87.1	72.2	58.1	65.8	83.1	84.8	79.9	66.8	54.7
76°	77.1	81.9	79.9	66.8	53.9	61.1	76.5	77.4	73.5	61.3	50.7
77°	70.2	74.7	72.9	61.3	49.4	56.1	69.6	70.7	66.9	55.2	45.9
78°	63.3	67.4	65.9	55.6	44.7	50.2	62.5	63.9	60.4	49.5	41.1
79°	56.7	60.6	59.4	50.0	40.0	45.0	56.0	57.3	54.0	44.0	36.4
80°	50.0	53.7	52.7	44.3	35.5	39.7	49.6	50.7	47.9	38.8	31.9
81°	44.0	47.3	46.4	38.9	31.1	35.0	43.5	44.5	42.1	34.0	27.8
82°	38.3	41.1	40.6	34.0	26.8	30.4	37.8	38.3	36.5	29.4	23.7
83°	33.4	35.8	35.3	29.7	23.7	26.3	32.6	33.1	31.5	25.5	20.7
84°	28.8	31.0	30.5	25.7	20.6	23.2	28.2	28.4	27.1	22.2	18.0
85°	24.7	26.5	26.1	22.4	17.5	20.1	24.5	24.3	23.3	19.1	15.6
86°	21.2	22.7	22.4	19.2	15.1	17.1	20.7	20.5	19.8	16.2	13.4
87°	17.7	19.0	18.7	15.9	12.9	14.4	17.0	17.0	16.4	13.7	11.4
88°	14.2	15.2	15.0	13.2	10.9	12.1	13.9	13.9	13.4	11.4	10.0
89°	11.6	12.4	12.2	11.0	9.2	10.3	11.3	11.4	11.0	10.1	8.7

REPORT NUMBER: P1192958
CATALOG NUMBER: BOL42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	9.9	10.6	10.3	9.5	8.2	8.9	9.7	9.9	9.6	8.7	7.4
91°	8.5	9.1	8.9	8.3	7.3	7.9	8.3	8.5	8.3	7.4	6.6
92°	7.3	7.8	7.7	7.3	6.6	6.9	7.2	7.1	7.0	6.5	6.0
93°	6.3	6.7	6.7	6.4	6.0	6.1	6.2	6.1	6.0	5.7	5.4
94°	5.4	5.8	5.7	5.6	5.5	5.4	5.2	5.3	5.1	4.9	4.8
95°	4.7	5.1	5.0	5.0	4.9	4.8	4.6	4.6	4.5	4.4	4.3
96°	4.3	4.6	4.6	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9
97°	4.1	4.4	4.3	4.2	4.0	4.0	4.0	4.0	3.9	3.7	3.7
98°	3.9	4.2	4.1	4.0	3.9	3.8	3.8	3.8	3.7	3.6	3.5
99°	3.7	4.0	3.9	3.8	3.7	3.7	3.6	3.6	3.5	3.4	3.3
100°	3.6	3.8	3.7	3.6	3.5	3.5	3.5	3.5	3.4	3.3	3.2
101°	3.4	3.6	3.6	3.5	3.4	3.3	3.3	3.3	3.2	3.1	3.1
102°	3.3	3.5	3.4	3.3	3.2	3.2	3.2	3.2	3.1	3.0	2.9
103°	3.2	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.8
104°	3.0	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.7
105°	2.9	3.1	3.0	3.0	2.9	2.8	2.9	2.8	2.7	2.7	2.6
106°	2.8	3.0	2.9	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.5
107°	2.7	2.9	2.8	2.7	2.6	2.6	2.7	2.6	2.6	2.5	2.4
108°	2.6	2.8	2.7	2.6	2.6	2.5	2.6	2.5	2.5	2.4	2.3
109°	2.6	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3
110°	2.5	2.6	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2
111°	2.4	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.1
112°	2.3	2.4	2.4	2.3	2.2	2.2	2.3	2.2	2.2	2.1	2.1
113°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0
114°	2.2	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0
115°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9
116°	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9
117°	2.0	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8
118°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8
119°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
120°	1.9	1.9	1.9	1.9	1.8	1.8	1.9	1.8	1.8	1.7	1.7
121°	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7
122°	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
123°	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.7	1.6
124°	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6
125°	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
126°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
127°	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.5
128°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5
129°	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
130°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
131°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
132°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4
133°	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
134°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4

REPORT NUMBER: P1192958
CATALOG NUMBER: BOL42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
136°	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
137°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
138°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
139°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
140°	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.3	1.3	1.3
141°	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
142°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
143°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
144°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
145°	1.3	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
146°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
147°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
148°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
149°	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
151°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
152°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
153°	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
154°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
156°	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.9	0.9	0.9	0.9
157°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
158°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
159°	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.8	0.8
160°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
161°	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
162°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.7
163°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
164°	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
165°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
166°	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.6
167°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
168°	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
169°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
170°	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.5	0.5
171°	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
172°	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
173°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
174°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

180°	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-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°	0.2	0.2	0.2
5°	0.4	0.4	0.4
6°	0.6	0.6	0.6
7°	0.9	0.9	0.9
8°	2.1	2.0	1.9
9°	3.5	3.5	3.5
10°	5.7	5.8	5.7
11°	9.9	10.1	9.7
12°	29.7	28.5	26.7
13°	49.9	47.2	44.0
14°	70.0	65.9	61.4
15°	102.7	99.8	97.0
16°	122.5	125.9	122.3
17°	135.5	148.7	145.5
18°	151.9	173.2	170.2
19°	163.5	184.6	182.3
20°	176.7	198.9	197.6
21°	196.8	225.1	225.4
22°	228.8	251.7	253.4
23°	260.8	279.4	281.0
24°	292.9	314.3	318.4
25°	330.7	350.0	355.1
26°	365.1	380.3	394.2
27°	385.4	411.3	434.3
28°	400.3	438.0	464.2
29°	412.8	457.6	483.9
30°	422.7	474.9	502.9
31°	430.6	493.2	519.2
32°	437.6	507.1	530.1
33°	445.9	519.0	539.0
34°	454.1	529.2	547.4
35°	459.2	536.6	554.2
36°	463.4	541.2	559.5
37°	466.0	545.3	564.1
38°	467.4	546.9	566.0
39°	468.0	547.5	565.0
40°	467.4	547.6	563.5
41°	465.1	546.5	560.8
42°	459.8	542.8	558.5
43°	453.1	539.0	554.5
44°	444.3	532.1	546.9

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	434.4	522.1	535.6
46°	420.2	507.3	520.0
47°	401.2	487.4	499.5
48°	379.3	466.0	480.0
49°	360.3	449.6	463.1
50°	342.9	431.3	443.9
51°	322.8	410.3	423.3
52°	303.8	389.5	402.9
53°	286.5	370.7	382.0
54°	269.5	349.3	360.1
55°	252.8	327.2	337.5
56°	235.7	305.5	315.7
57°	218.8	284.7	294.5
58°	203.2	264.8	275.1
59°	189.0	245.9	256.5
60°	175.9	228.4	238.4
61°	164.7	212.5	222.1
62°	154.7	198.2	207.3
63°	144.8	185.1	193.7
64°	135.7	172.8	180.6
65°	127.3	161.4	168.3
66°	119.7	150.5	156.7
67°	112.3	140.3	145.8
68°	105.1	130.4	135.7
69°	98.2	121.0	125.6
70°	92.2	112.3	116.4
71°	86.1	104.1	107.7
72°	80.1	96.1	99.7
73°	74.8	89.1	92.3
74°	70.0	82.2	84.9
75°	65.0	75.6	77.5
76°	60.0	68.9	70.9
77°	54.6	62.5	64.2
78°	49.2	56.0	57.6
79°	43.7	49.8	51.2
80°	38.5	43.8	45.2
81°	33.6	38.2	39.3
82°	29.0	33.1	34.2
83°	25.3	28.6	29.7
84°	22.0	24.7	25.6
85°	18.9	21.1	21.9
86°	16.1	17.8	18.5
87°	13.4	14.9	15.4
88°	11.2	12.2	12.7
89°	9.9	10.3	10.8

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	8.6	9.0	9.4
91°	7.3	7.7	8.0
92°	6.5	6.6	6.9
93°	5.7	5.7	6.0
94°	5.0	4.9	5.2
95°	4.4	4.4	4.7
96°	4.0	4.1	4.3
97°	3.8	3.9	4.1
98°	3.6	3.7	3.9
99°	3.4	3.5	3.7
100°	3.3	3.4	3.6
101°	3.1	3.2	3.4
102°	3.0	3.1	3.3
103°	2.9	3.0	3.1
104°	2.8	2.9	3.0
105°	2.7	2.8	2.9
106°	2.6	2.7	2.8
107°	2.5	2.6	2.7
108°	2.4	2.5	2.6
109°	2.3	2.4	2.5
110°	2.2	2.3	2.4
111°	2.2	2.3	2.3
112°	2.1	2.2	2.3
113°	2.1	2.1	2.2
114°	2.0	2.1	2.1
115°	2.0	2.0	2.1
116°	1.9	2.0	2.0
117°	1.9	1.9	2.0
118°	1.8	1.9	1.9
119°	1.8	1.8	1.9
120°	1.7	1.8	1.8
121°	1.7	1.8	1.8
122°	1.7	1.7	1.8
123°	1.6	1.7	1.7
124°	1.6	1.7	1.7
125°	1.6	1.6	1.7
126°	1.6	1.6	1.6
127°	1.5	1.6	1.6
128°	1.5	1.6	1.6
129°	1.5	1.6	1.6
130°	1.5	1.5	1.5
131°	1.5	1.5	1.5
132°	1.4	1.5	1.5
133°	1.4	1.5	1.5
134°	1.4	1.4	1.4

REPORT NUMBER: P1192958
 CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	1.4	1.4	1.4
136°	1.4	1.4	1.4
137°	1.3	1.4	1.4
138°	1.3	1.3	1.3
139°	1.3	1.3	1.3
140°	1.3	1.3	1.3
141°	1.2	1.3	1.3
142°	1.2	1.2	1.3
143°	1.2	1.2	1.2
144°	1.2	1.2	1.2
145°	1.1	1.2	1.2
146°	1.1	1.1	1.2
147°	1.1	1.1	1.1
148°	1.1	1.1	1.1
149°	1.0	1.1	1.1
150°	1.0	1.0	1.1
151°	1.0	1.0	1.0
152°	1.0	1.0	1.0
153°	0.9	1.0	1.0
154°	0.9	1.0	1.0
155°	0.9	0.9	1.0
156°	0.9	0.9	0.9
157°	0.8	0.9	0.9
158°	0.8	0.9	0.9
159°	0.8	0.8	0.9
160°	0.8	0.8	0.8
161°	0.8	0.8	0.8
162°	0.7	0.8	0.8
163°	0.7	0.8	0.8
164°	0.7	0.7	0.8
165°	0.7	0.7	0.7
166°	0.7	0.7	0.7
167°	0.6	0.7	0.7
168°	0.6	0.7	0.7
169°	0.6	0.6	0.6
170°	0.6	0.6	0.6
171°	0.5	0.6	0.6
172°	0.5	0.6	0.6
173°	0.5	0.5	0.5
174°	0.5	0.5	0.5
175°	0.5	0.5	0.5
176°	0.5	0.5	0.5
177°	0.4	0.4	0.4
178°	0.4	0.4	0.4
179°	0.4	0.4	0.4

REPORT NUMBER: P1192958
CATALOG NUMBER: BOLF42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.4	0.4	0.4

(END OF REPORT)