

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: P1192959

Luminaire Tested: BOLF42-25S-BZ-15W-4000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192959
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-4000K
Description: Flat Top G6 Bollard, 42" length, 15W, BZ at 4000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

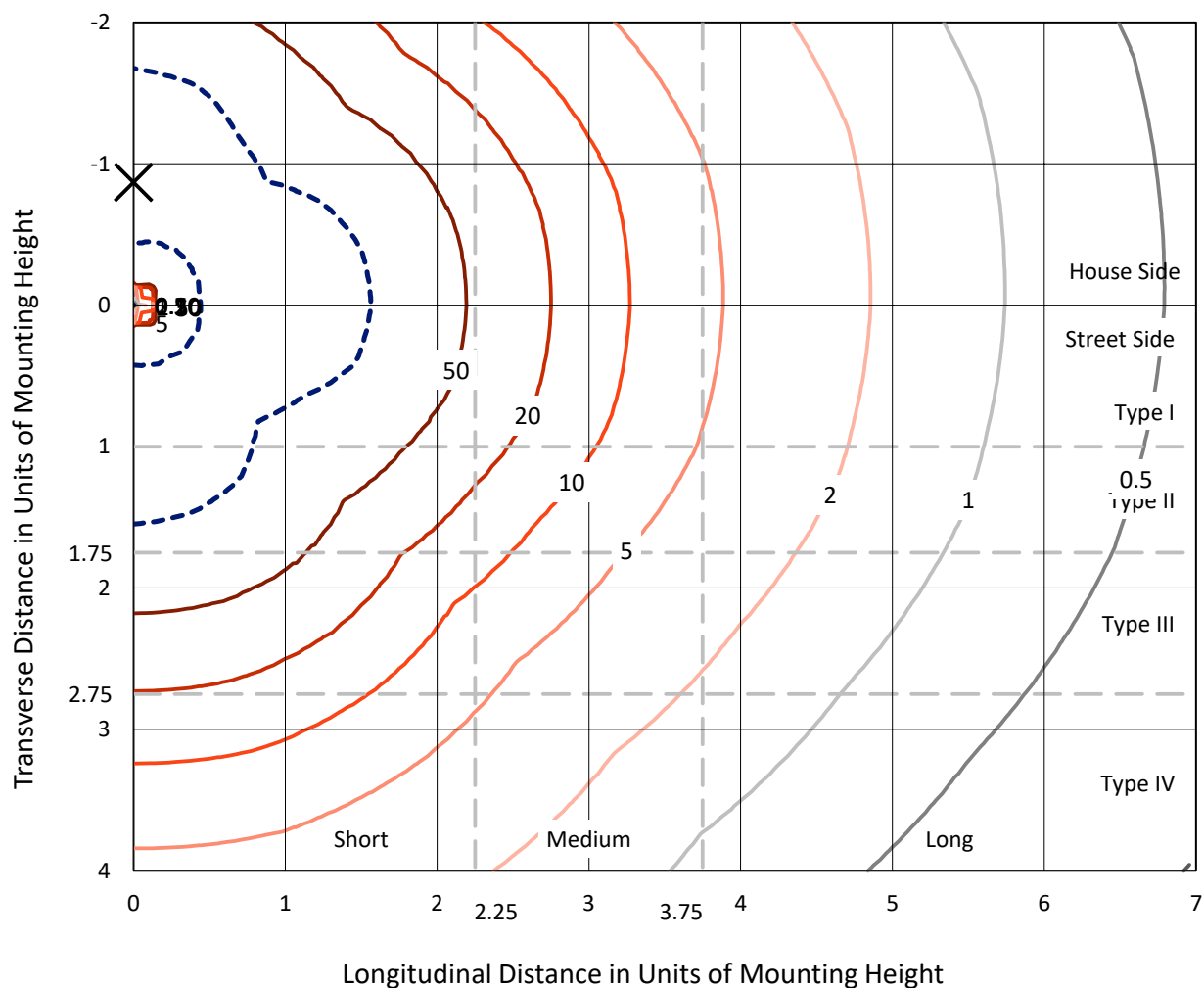
Lumens per Lamp: 1375.2 (1 lamp)
Luminaire Lumens: 1433.5 lumens
Efficiency: 104.2%
Efficacy: 98.2 lumens/watt
Luminous Opening: Point Source (0' x 0' x 0')
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U1 - G1

Input Watts (W): 14.6
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

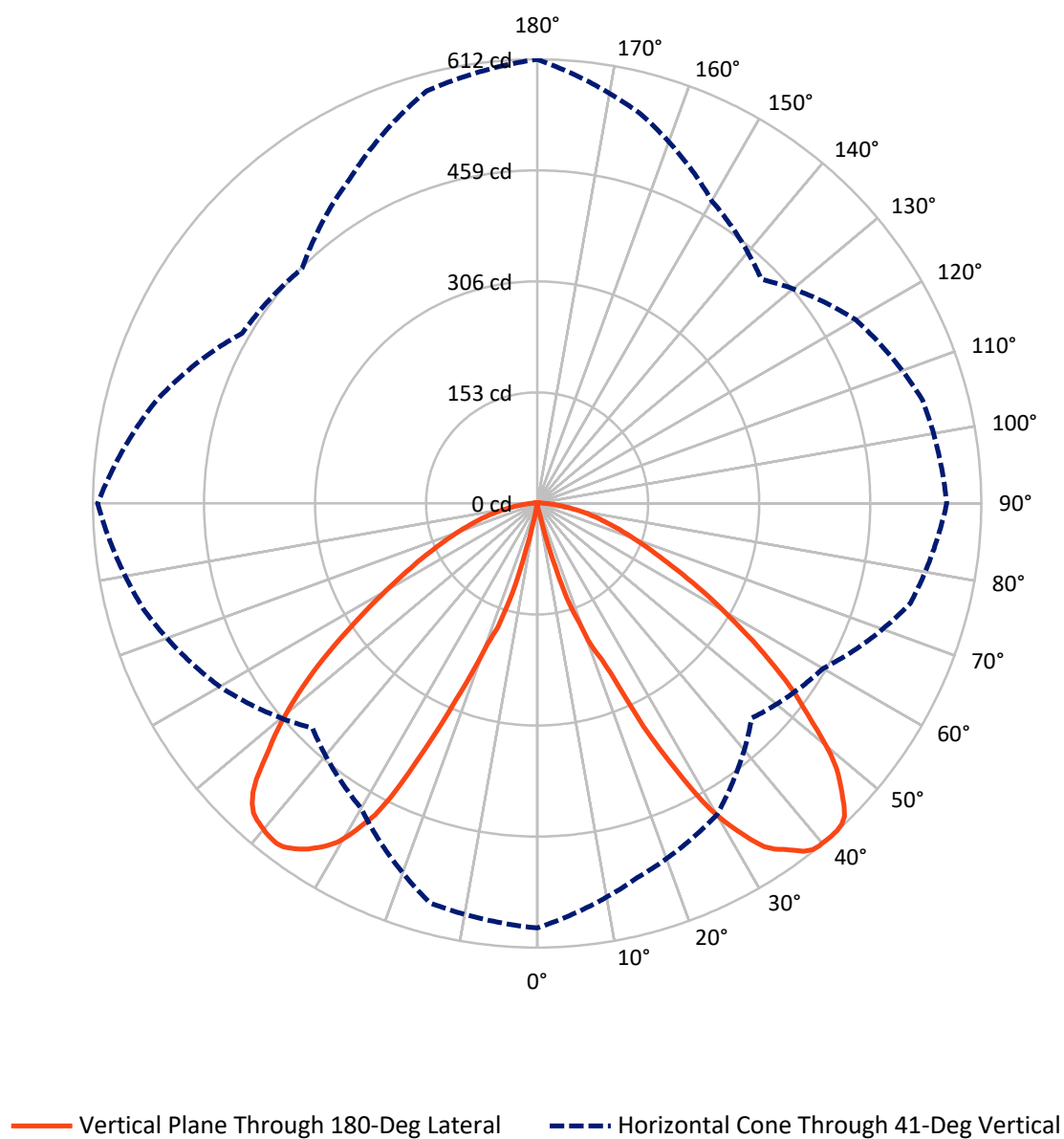
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1348 fc
 Type V - Short - Cutoff

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Luminous Intensity Polar Plot



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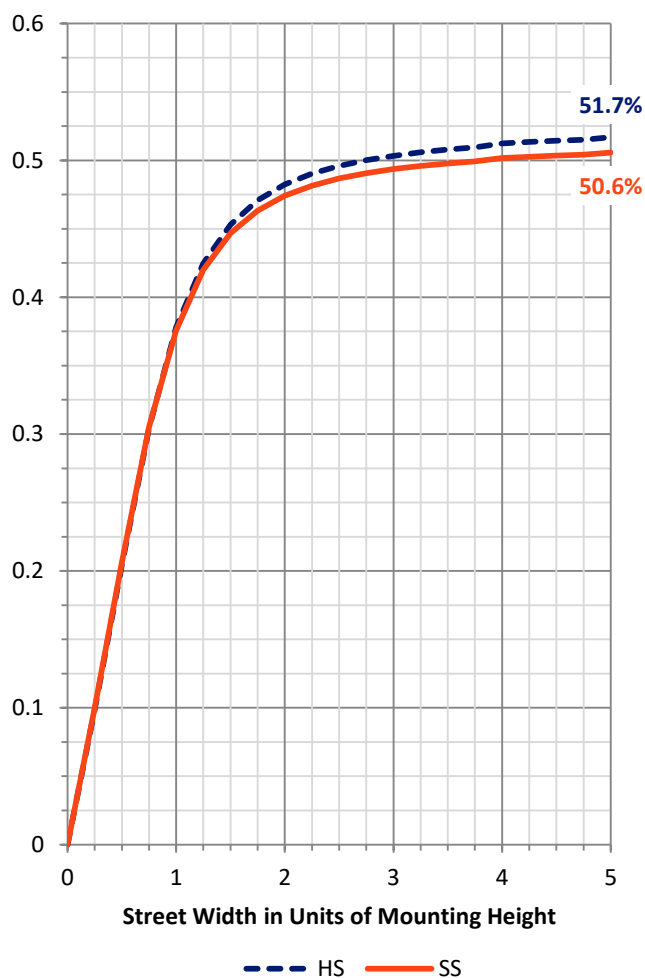
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	717.8	8.0	725.8
	% Lamp	52.2	0.6	52.8
Street Side	Lumens	700.2	7.5	707.7
	% Lamp	50.9	0.5	51.5
Total	Lumens	1418.0	15.5	1433.5
	% Lamp	103.1	1.1	104.2

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.1	0.0	0.0
10°-20°	28.5	2.0	2.1
20°-30°	155.6	10.9	11.3
30°-40°	315.1	22.0	22.9
40°-50°	371.4	25.9	27.0
50°-60°	280.0	19.5	20.4
60°-70°	160.3	11.2	11.7
70°-80°	81.0	5.7	5.9
80°-90°	25.9	1.8	1.9
90°-100°	5.9	0.4	0.4
100°-110°	3.2	0.2	0.2
110°-120°	2.2	0.2	0.2
120°-130°	1.6	0.1	0.1
130°-140°	1.2	0.1	0.1
140°-150°	0.8	0.1	0.1
150°-160°	0.5	0.0	0.0
160°-170°	0.2	0.0	0.0
170°-180°	0.1	0.0	0.0
0°-90°	1418.0	98.9	103.1
0°-180°	1433.5	100.0	104.2

Coefficient of Utilization



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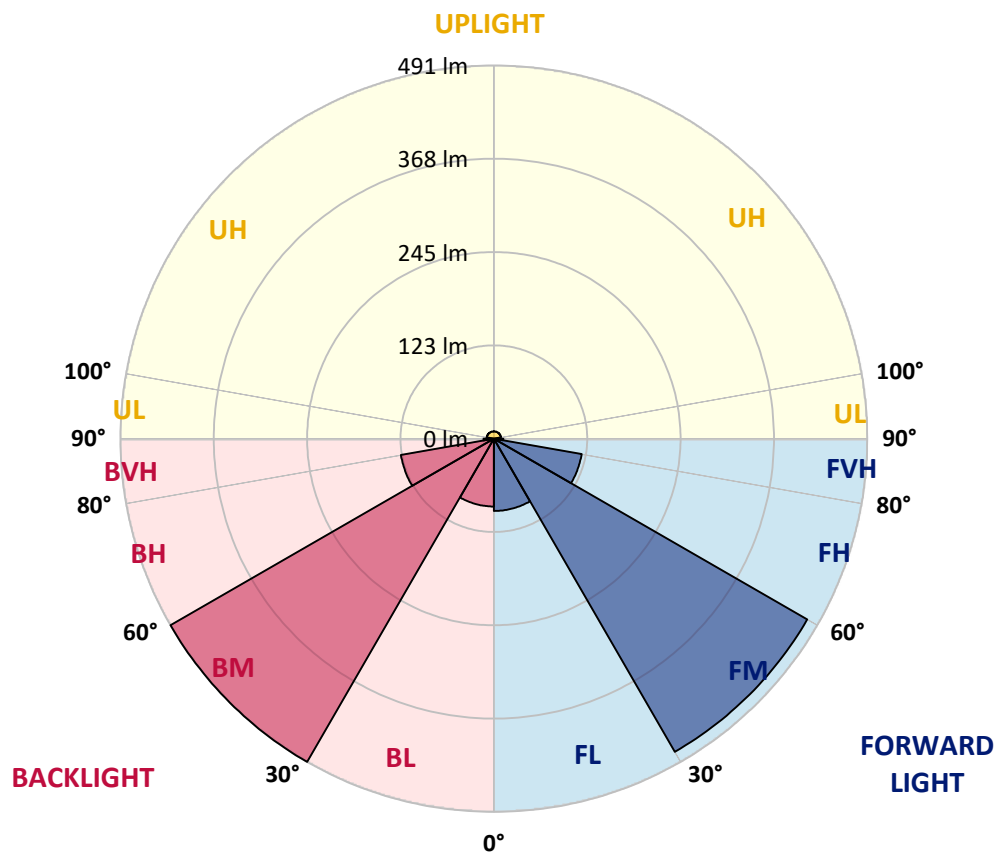
CATALOG NUMBER: BOL42-25S-BZ-15W-4000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	95.1	6.9			
FM	(30°-60°)	475.6	34.6			
FH	(60°-80°)	117.2	8.5			G0/660
FVH	(80°-90°)	12.3	0.9			G1/100
BL	(0°-30°)	89.2	6.5	B0/110		
BM	(30°-60°)	490.9	35.7	B1/1000		
BH	(60°-80°)	124.1	9.0	B1/500		G0/660
BVH	(80°-90°)	13.6	1.0			G1/100
UL	(90°-100°)	5.9	0.4		U1/10	
UH	(100°-180°)	9.6	0.7		U1/10	
Trapped Light		-58.3	-4.2			

BUG Rating: B1-U1-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	0.0	0.0	0.0	0.0	0.0
4°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
5°	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2
6°	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4
7°	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6
8°	2.0	2.1	2.3	2.1	1.9	1.7	1.4	1.3	1.2	1.1	1.0
9°	3.6	3.6	3.5	3.7	3.4	3.0	2.9	2.9	2.7	2.7	2.4
10°	6.0	5.8	5.8	6.1	5.7	5.2	6.0	5.9	5.9	5.7	3.9
11°	10.1	9.5	10.1	10.7	10.4	9.1	9.1	9.0	9.0	8.8	7.4
12°	27.8	27.3	31.7	33.2	31.8	26.5	12.3	12.1	12.3	11.9	11.0
13°	45.9	45.3	53.4	55.9	53.3	44.0	20.5	20.5	19.9	19.0	17.3
14°	64.0	63.3	75.1	78.6	74.8	61.5	50.4	51.1	49.0	51.4	48.7
15°	101.1	95.7	102.1	114.2	108.6	90.9	80.3	81.7	78.2	83.7	80.2
16°	127.4	121.4	124.1	137.4	125.6	118.4	110.2	112.2	107.1	116.0	111.6
17°	151.6	144.9	145.0	147.8	144.1	142.6	134.4	139.8	127.6	139.1	130.7
18°	177.4	170.2	168.8	156.2	156.4	159.9	152.9	156.9	140.0	151.5	145.2
19°	190.0	182.4	182.3	164.5	166.1	179.9	172.9	176.8	158.1	160.1	158.7
20°	205.9	197.5	197.9	174.5	177.1	198.7	191.4	198.1	182.3	168.6	178.4
21°	234.9	226.4	227.7	191.0	193.1	223.3	209.3	215.6	200.3	178.3	191.4
22°	264.2	255.7	257.8	225.1	228.4	248.1	229.6	235.6	220.2	195.1	205.4
23°	293.0	284.9	287.8	259.6	264.1	272.9	262.0	266.3	251.8	221.6	229.1
24°	331.9	320.9	328.9	294.0	299.7	307.6	298.6	305.3	292.3	258.6	265.4
25°	370.2	350.5	357.1	326.0	336.2	339.6	340.6	341.8	334.3	297.9	308.4
26°	410.9	382.5	377.0	352.1	368.5	365.5	379.0	375.5	358.5	324.4	345.0
27°	452.7	406.4	394.2	376.5	388.6	389.0	414.2	403.4	378.1	349.3	375.9
28°	483.8	427.0	408.5	391.9	405.1	415.3	446.6	424.7	395.4	372.3	395.6
29°	504.4	450.5	425.2	401.4	418.3	438.7	472.6	446.8	410.6	386.9	410.7
30°	524.2	465.7	442.6	408.6	425.6	453.4	489.7	467.7	429.4	399.1	424.6
31°	541.2	475.4	452.6	413.0	431.9	470.4	505.0	483.0	448.3	409.0	435.6
32°	552.6	485.3	462.1	418.9	438.4	486.6	520.8	495.0	460.3	416.9	444.0
33°	561.8	500.6	471.7	425.0	445.1	498.4	532.8	507.8	470.2	424.3	450.8
34°	570.6	516.5	479.8	427.8	450.6	508.2	540.5	520.0	478.6	430.6	457.4
35°	577.7	527.3	485.7	428.9	455.8	516.4	547.6	531.5	486.6	436.1	464.0
36°	583.2	533.3	489.5	428.4	459.2	522.5	554.1	540.3	492.8	440.6	469.1
37°	588.0	537.2	491.8	427.2	460.6	526.2	559.6	545.3	496.0	442.7	473.9
38°	590.0	537.9	493.3	425.4	459.8	528.4	563.5	546.9	497.2	442.3	476.8
39°	588.9	537.8	494.6	423.7	459.0	530.3	565.0	548.5	499.6	440.8	477.8
40°	587.4	537.2	496.4	422.2	457.2	531.9	564.9	549.8	502.7	438.9	479.6
41°	584.6	533.5	494.9	417.9	454.6	531.9	564.0	549.5	506.3	436.7	481.1
42°	582.2	529.9	491.1	411.1	449.5	530.4	560.8	545.9	507.0	435.2	479.6
43°	578.0	525.5	484.2	401.5	442.7	525.5	555.6	539.2	501.7	431.0	475.3
44°	570.1	519.2	474.8	390.4	432.4	517.3	547.5	528.0	491.9	422.0	466.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	558.3	509.0	462.1	377.4	421.6	507.1	537.6	516.7	478.1	409.0	456.3
46°	542.0	494.7	446.6	360.6	406.1	494.1	525.7	504.9	463.3	393.4	444.0
47°	520.6	475.8	427.8	341.0	389.3	479.6	511.8	492.2	449.0	375.7	429.8
48°	500.4	458.7	410.3	323.5	372.6	464.6	494.7	476.7	433.4	360.2	413.1
49°	482.7	444.6	395.6	308.3	357.1	446.4	475.5	458.1	415.0	343.8	395.3
50°	462.7	428.0	382.5	291.9	339.6	428.1	454.7	438.5	396.1	325.4	377.1
51°	441.2	409.7	366.8	275.5	324.0	411.6	434.2	420.4	378.9	306.7	357.3
52°	419.9	391.5	351.1	260.7	308.7	393.9	415.1	401.7	362.4	289.3	338.6
53°	398.2	373.2	335.0	246.1	293.6	376.2	396.0	383.0	345.3	272.9	321.6
54°	375.4	353.7	317.3	230.6	277.1	357.8	375.9	364.7	328.0	255.8	304.8
55°	351.8	334.5	299.2	215.6	261.3	339.1	354.6	346.8	310.3	237.7	288.5
56°	329.1	316.2	281.6	200.6	245.5	319.3	334.1	328.2	292.5	219.7	271.7
57°	307.0	297.2	264.4	187.5	229.3	299.2	312.9	309.0	273.8	201.7	256.2
58°	286.7	279.1	248.4	175.5	214.9	280.0	292.7	289.3	255.8	187.9	240.3
59°	267.4	262.3	232.7	165.3	201.2	261.6	274.2	271.6	239.7	176.5	224.4
60°	248.5	245.9	218.4	155.9	188.8	245.1	256.5	255.1	223.6	166.0	208.5
61°	231.6	230.4	204.6	147.4	177.3	229.3	239.8	239.3	207.6	156.1	194.6
62°	216.1	215.8	191.5	139.4	166.5	214.0	223.2	223.6	193.3	146.7	181.7
63°	201.9	201.2	179.1	131.4	156.0	199.9	206.6	208.0	179.9	137.9	169.1
64°	188.2	187.5	167.1	123.8	146.1	185.9	193.1	193.5	167.5	129.9	157.1
65°	175.4	174.7	155.8	116.8	137.1	173.6	179.7	180.4	155.9	122.3	146.1
66°	163.4	162.7	145.0	110.2	128.2	162.0	167.5	167.9	144.9	114.9	136.0
67°	152.0	151.5	135.0	103.6	119.8	150.9	155.9	156.4	134.7	108.0	126.4
68°	141.4	140.9	125.2	97.6	111.7	140.2	145.2	145.5	125.3	101.1	117.7
69°	130.9	130.8	116.0	91.6	104.0	130.3	135.1	135.6	116.6	94.9	109.8
70°	121.3	121.3	107.8	85.6	97.1	121.2	125.6	126.0	108.6	88.9	102.4
71°	112.3	112.7	101.3	80.2	90.2	112.1	116.5	117.0	100.9	83.1	95.2
72°	103.9	104.6	93.4	75.0	83.3	103.8	108.1	108.5	93.8	77.7	89.0
73°	96.2	96.9	85.4	70.1	77.3	96.2	99.8	100.4	87.1	72.6	83.1
74°	88.5	89.3	79.0	65.2	71.9	88.7	92.1	92.6	80.8	67.9	77.5
75°	80.8	81.6	72.7	60.2	66.6	81.1	84.7	85.4	74.9	63.5	72.1
76°	74.0	74.5	66.2	55.2	61.2	73.8	77.5	78.3	69.0	58.9	66.9
77°	66.9	67.1	59.5	50.3	55.5	66.9	70.4	71.0	62.8	53.9	61.2
78°	60.0	60.2	53.3	45.3	49.8	60.2	63.3	63.9	56.7	48.6	55.1
79°	53.4	53.7	47.4	40.3	44.4	53.7	56.7	57.4	50.7	43.3	49.2
80°	47.2	47.5	41.9	35.4	39.2	47.5	50.2	50.9	44.9	38.1	43.5
81°	40.9	41.5	36.5	30.6	34.0	41.3	44.1	44.8	39.4	33.1	38.2
82°	35.6	35.8	31.7	26.3	29.5	35.8	38.2	38.9	34.2	28.6	33.1
83°	30.9	31.2	27.7	22.9	25.6	31.0	33.2	33.8	29.9	24.9	28.9
84°	26.7	26.9	24.1	19.9	22.2	26.7	28.7	29.2	26.1	21.9	25.2
85°	22.8	23.0	20.5	17.2	19.1	22.7	24.8	25.2	22.6	18.9	21.9
86°	19.2	19.3	17.2	14.6	16.1	19.1	20.9	21.3	19.2	15.9	18.6
87°	16.0	15.9	14.3	12.3	13.4	15.9	17.1	17.3	15.7	13.5	15.3
88°	13.3	13.0	11.8	10.8	11.2	12.9	14.0	14.1	13.0	11.3	12.7
89°	11.2	10.9	10.4	9.2	9.7	10.7	11.6	11.5	10.8	9.4	10.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	9.8	9.5	9.0	7.6	8.3	9.3	10.0	9.9	9.3	8.1	9.2
91°	8.4	8.1	7.6	6.8	7.2	7.9	8.6	8.5	8.1	7.2	8.0
92°	7.2	7.0	6.7	6.2	6.4	6.8	7.4	7.4	7.1	6.5	7.0
93°	6.2	6.0	5.8	5.6	5.6	5.8	6.4	6.3	6.2	5.9	6.2
94°	5.4	5.3	5.1	5.0	5.0	5.1	5.6	5.5	5.4	5.3	5.4
95°	4.9	4.7	4.6	4.4	4.5	4.6	5.0	4.9	4.8	4.7	4.8
96°	4.5	4.4	4.2	4.1	4.1	4.2	4.6	4.5	4.4	4.2	4.3
97°	4.3	4.2	4.0	3.9	3.9	4.0	4.4	4.3	4.1	4.0	4.1
98°	4.1	4.0	3.8	3.7	3.7	3.9	4.2	4.1	3.9	3.8	3.9
99°	3.9	3.8	3.6	3.5	3.6	3.7	4.0	3.9	3.8	3.7	3.8
100°	3.7	3.6	3.5	3.4	3.4	3.5	3.8	3.7	3.6	3.5	3.6
101°	3.5	3.5	3.3	3.2	3.3	3.4	3.7	3.6	3.5	3.4	3.4
102°	3.4	3.3	3.2	3.1	3.2	3.3	3.5	3.4	3.3	3.2	3.3
103°	3.3	3.2	3.1	3.0	3.0	3.1	3.4	3.3	3.2	3.1	3.2
104°	3.1	3.1	3.0	2.9	2.9	3.0	3.3	3.2	3.1	3.0	3.1
105°	3.0	3.0	2.9	2.8	2.8	2.9	3.1	3.1	3.0	2.9	2.9
106°	2.9	2.9	2.8	2.7	2.7	2.8	3.0	3.0	2.9	2.8	2.8
107°	2.8	2.8	2.7	2.6	2.6	2.7	2.9	2.9	2.8	2.7	2.7
108°	2.7	2.7	2.6	2.5	2.5	2.6	2.8	2.8	2.7	2.6	2.7
109°	2.6	2.6	2.5	2.4	2.5	2.5	2.7	2.7	2.6	2.5	2.6
110°	2.5	2.5	2.4	2.4	2.4	2.4	2.6	2.6	2.5	2.4	2.5
111°	2.4	2.4	2.3	2.3	2.3	2.4	2.5	2.5	2.4	2.4	2.4
112°	2.4	2.3	2.3	2.2	2.2	2.3	2.5	2.4	2.4	2.3	2.4
113°	2.3	2.3	2.2	2.2	2.2	2.2	2.4	2.4	2.3	2.3	2.3
114°	2.2	2.2	2.2	2.1	2.1	2.2	2.3	2.3	2.2	2.2	2.2
115°	2.2	2.2	2.1	2.1	2.1	2.1	2.3	2.2	2.2	2.1	2.2
116°	2.1	2.1	2.0	2.0	2.0	2.1	2.2	2.2	2.1	2.1	2.1
117°	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.1	2.1	2.0	2.1
118°	2.0	2.0	2.0	1.9	1.9	2.0	2.1	2.1	2.0	2.0	2.0
119°	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
120°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.9	2.0
121°	1.9	1.9	1.8	1.8	1.8	1.9	2.0	1.9	1.9	1.9	1.9
122°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
123°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.9
124°	1.8	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
125°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
126°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
127°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.8	1.8
128°	1.6	1.7	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	1.6	1.7	1.7	1.7	1.7	1.7
130°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
131°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
132°	1.5	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.7	1.6
133°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
134°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
136°	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.6	1.6
137°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
138°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
139°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
140°	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.5	1.5
141°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
142°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
143°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
144°	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.4
145°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
146°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
147°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
148°	1.2	1.2	1.2	1.2	1.2	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	1.2	1.2	1.2	1.2	1.2
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
151°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
152°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
153°	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
154°	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
156°	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
157°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
158°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
159°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
160°	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9
161°	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
162°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8
163°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
164°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
165°	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	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	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
168°	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6
169°	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	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	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
172°	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5
173°	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
177°	0.4	0.4	0.4	0.4	0.4	0.5	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: P1192959
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CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

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	0.7	0.7	0.7	0.8	0.8
8°	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.5	1.9	2.1
9°	2.2	2.1	2.1	2.3	2.6	2.8	2.5	2.8	2.8	3.2	3.7
10°	3.6	3.6	3.7	3.8	4.2	4.2	4.3	4.6	4.8	5.2	5.7
11°	7.4	7.5	7.0	7.4	7.8	7.7	7.7	7.7	8.5	9.0	9.6
12°	11.2	11.3	10.5	11.0	11.5	11.4	11.2	12.2	24.2	28.3	30.2
13°	15.1	15.8	16.3	17.3	18.5	18.4	19.0	36.2	40.2	47.9	51.0
14°	32.5	46.1	46.5	49.8	51.9	51.2	47.6	60.3	56.2	67.6	71.8
15°	62.3	76.3	76.8	82.4	85.3	83.9	76.3	84.4	85.4	100.2	107.9
16°	92.2	106.6	107.0	114.6	118.6	116.4	104.9	116.1	112.3	118.2	134.7
17°	121.9	135.7	136.9	135.5	148.1	136.6	132.9	140.2	136.8	137.8	150.2
18°	141.6	158.3	158.5	148.8	164.9	147.6	147.3	158.6	158.7	158.5	161.2
19°	156.6	174.6	176.4	165.3	175.0	161.5	166.4	177.8	177.8	175.3	169.8
20°	181.6	201.0	202.6	189.7	183.7	178.0	188.7	196.0	195.5	190.2	178.5
21°	198.4	218.8	220.8	205.4	192.9	189.0	202.9	211.8	221.0	206.5	190.9
22°	210.1	232.5	236.2	220.8	207.1	202.3	219.1	239.1	246.7	242.6	225.4
23°	230.1	254.9	261.3	249.9	232.7	228.4	249.9	266.6	272.4	278.7	260.3
24°	265.1	293.3	300.8	290.4	270.4	269.9	293.5	304.9	307.5	319.9	295.1
25°	306.1	340.0	344.6	336.4	312.9	320.3	335.1	347.7	342.4	348.1	325.1
26°	339.2	377.2	376.8	360.9	346.7	357.0	365.7	386.2	376.2	366.5	350.9
27°	365.6	411.6	406.0	380.2	377.1	388.0	385.9	425.2	400.0	386.8	377.5
28°	391.8	450.6	428.0	399.3	400.6	408.9	408.7	462.2	423.4	407.1	395.4
29°	421.2	483.9	451.0	422.1	418.3	423.7	434.9	491.8	448.0	427.4	408.4
30°	447.6	508.3	476.7	445.9	431.1	435.0	456.1	511.1	471.7	447.0	418.6
31°	467.8	529.0	499.9	460.6	441.7	445.4	476.0	528.8	485.7	459.1	426.4
32°	489.4	548.9	516.3	470.7	448.8	452.9	494.2	548.1	497.7	466.7	432.2
33°	505.1	566.9	533.4	479.0	455.7	457.6	505.0	564.9	513.0	473.8	437.6
34°	515.2	577.5	547.2	486.9	461.4	461.4	512.8	574.6	527.2	481.7	442.8
35°	523.7	585.3	556.6	494.8	466.0	465.4	521.5	583.7	537.8	489.3	447.0
36°	532.8	594.0	566.5	501.6	468.8	469.6	529.0	591.1	547.5	496.2	448.9
37°	540.4	603.7	574.9	507.2	470.4	471.4	534.3	599.2	553.9	500.7	448.5
38°	544.9	609.2	581.3	512.3	468.3	471.4	537.8	604.4	557.6	502.4	445.5
39°	547.2	611.0	583.4	513.4	463.9	470.3	539.8	605.8	559.5	502.9	442.7
40°	550.5	611.1	585.8	514.5	460.0	470.0	541.9	605.8	561.2	503.8	440.3
41°	554.6	611.6	588.1	516.1	457.6	468.9	543.8	605.2	561.4	504.6	437.5
42°	556.4	611.2	589.6	516.0	454.2	465.9	543.6	603.0	559.7	503.7	433.2
43°	554.0	609.4	585.8	512.6	448.8	460.7	539.4	598.7	554.2	499.9	425.1
44°	547.3	604.0	578.3	504.3	438.0	450.2	531.1	591.8	545.1	490.9	412.9

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	536.6	592.5	565.3	491.4	422.9	435.6	519.8	581.8	533.8	478.2	398.5
46°	524.9	578.5	551.7	476.3	405.3	420.1	508.2	569.8	522.2	464.0	381.0
47°	514.7	565.0	539.9	460.8	387.0	403.6	495.1	553.6	508.1	447.2	360.6
48°	502.6	550.4	525.2	444.0	369.2	386.2	479.1	535.1	493.0	430.4	340.5
49°	486.3	531.6	508.1	427.7	351.4	366.6	460.4	514.6	473.9	413.0	322.0
50°	466.9	508.4	487.7	407.4	328.6	346.0	443.0	494.1	454.6	394.8	303.3
51°	445.3	484.3	465.7	387.6	306.2	325.8	424.5	471.8	434.9	379.4	285.1
52°	426.4	463.2	445.1	371.5	286.9	308.8	405.7	449.2	416.2	364.1	266.5
53°	408.5	442.9	425.4	355.8	270.1	292.8	389.1	428.0	395.7	348.8	249.0
54°	388.7	420.5	404.5	339.4	250.8	276.7	372.2	406.0	375.3	331.9	231.4
55°	369.1	397.2	383.5	321.8	231.4	261.3	354.2	383.1	355.4	314.0	214.5
56°	349.3	374.3	362.2	303.2	212.1	246.9	335.5	358.0	334.2	295.0	198.0
57°	329.2	351.8	341.2	284.0	197.3	232.0	315.8	334.0	313.5	275.1	183.3
58°	308.7	329.0	320.0	264.7	183.3	217.1	296.3	311.1	292.8	255.9	170.5
59°	287.4	307.8	298.9	247.2	171.6	202.3	277.9	289.6	273.3	239.0	159.9
60°	267.6	287.6	279.7	229.6	160.9	188.4	260.4	269.8	255.3	222.5	150.2
61°	249.3	268.6	261.6	212.0	151.2	175.6	243.8	251.7	238.6	206.5	141.5
62°	231.2	249.5	244.4	197.2	142.3	164.0	227.1	234.5	222.3	191.2	133.4
63°	213.2	231.7	227.2	182.5	133.6	153.2	210.4	218.1	206.7	177.3	125.6
64°	197.7	214.0	210.0	169.1	125.4	142.9	195.3	203.0	192.1	164.0	118.0
65°	183.2	198.6	195.1	157.2	117.7	133.2	181.6	189.1	179.0	151.9	111.0
66°	169.9	184.3	181.2	146.0	110.3	124.5	169.1	176.0	166.8	140.8	104.2
67°	158.2	171.3	168.1	135.6	103.6	116.5	157.2	163.6	155.0	130.6	97.9
68°	146.9	159.5	156.1	126.0	96.9	108.9	145.8	151.9	143.7	120.6	91.6
69°	136.6	148.3	145.1	117.1	90.7	101.6	135.5	141.3	133.4	111.1	85.3
70°	127.0	137.6	134.6	108.8	84.8	95.1	125.9	131.1	123.8	102.7	79.8
71°	117.8	127.9	125.0	101.3	79.4	89.1	117.0	121.7	114.7	95.5	74.5
72°	109.4	118.6	115.6	94.1	74.3	83.8	108.8	112.4	106.1	88.4	69.9
73°	101.4	109.3	106.5	87.1	69.5	78.5	100.9	103.8	98.5	81.3	65.3
74°	94.1	100.8	98.5	80.9	65.0	73.3	93.5	96.1	90.9	75.3	61.2
75°	87.1	93.0	90.8	75.2	60.6	68.6	86.6	88.4	83.3	69.7	57.0
76°	80.4	85.4	83.2	69.7	56.1	63.7	79.7	80.7	76.7	63.9	52.8
77°	73.1	77.9	76.0	63.9	51.5	58.5	72.5	73.7	69.8	57.5	47.8
78°	66.0	70.3	68.7	57.9	46.5	52.3	65.1	66.6	63.0	51.6	42.8
79°	59.1	63.2	61.9	52.1	41.7	46.9	58.3	59.7	56.3	45.8	38.0
80°	52.2	56.0	54.9	46.1	37.0	41.4	51.7	52.9	49.9	40.5	33.2
81°	45.8	49.3	48.4	40.5	32.4	36.5	45.4	46.4	43.8	35.4	29.0
82°	39.9	42.9	42.3	35.4	28.0	31.7	39.4	40.0	38.0	30.7	24.7
83°	34.8	37.4	36.8	30.9	24.7	27.4	34.0	34.5	32.8	26.6	21.5
84°	30.0	32.3	31.8	26.8	21.5	24.2	29.4	29.6	28.3	23.1	18.8
85°	25.8	27.6	27.2	23.4	18.3	21.0	25.5	25.3	24.3	19.9	16.2
86°	22.1	23.7	23.3	20.0	15.7	17.8	21.6	21.3	20.6	16.9	14.0
87°	18.5	19.8	19.5	16.6	13.4	15.0	17.7	17.7	17.1	14.2	11.9
88°	14.8	15.9	15.6	13.8	11.3	12.6	14.5	14.4	13.9	11.9	10.5
89°	12.1	12.9	12.7	11.5	9.6	10.7	11.8	11.8	11.4	10.5	9.1

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	10.3	11.0	10.8	9.9	8.5	9.3	10.1	10.4	10.0	9.1	7.7
91°	8.9	9.5	9.3	8.6	7.7	8.2	8.6	8.9	8.7	7.7	6.9
92°	7.7	8.1	8.1	7.6	6.9	7.2	7.5	7.4	7.3	6.8	6.2
93°	6.6	7.0	7.0	6.7	6.3	6.4	6.4	6.3	6.2	5.9	5.6
94°	5.6	6.0	6.0	5.9	5.7	5.6	5.5	5.5	5.4	5.1	5.0
95°	4.9	5.3	5.3	5.2	5.1	5.0	4.8	4.8	4.7	4.6	4.5
96°	4.5	4.8	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.1	4.0
97°	4.2	4.6	4.5	4.4	4.2	4.2	4.1	4.2	4.1	3.9	3.8
98°	4.1	4.3	4.3	4.2	4.0	4.0	3.9	4.0	3.9	3.7	3.6
99°	3.9	4.1	4.1	4.0	3.8	3.8	3.8	3.8	3.7	3.5	3.5
100°	3.7	3.9	3.9	3.8	3.7	3.6	3.6	3.6	3.5	3.4	3.3
101°	3.6	3.8	3.7	3.6	3.5	3.5	3.5	3.5	3.4	3.2	3.2
102°	3.4	3.6	3.6	3.5	3.4	3.3	3.3	3.3	3.2	3.1	3.1
103°	3.3	3.5	3.4	3.3	3.2	3.2	3.2	3.2	3.1	3.0	2.9
104°	3.2	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.8
105°	3.1	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.7
106°	3.0	3.1	3.1	3.0	2.9	2.8	2.9	2.8	2.8	2.7	2.6
107°	2.8	3.0	2.9	2.9	2.8	2.7	2.8	2.7	2.7	2.6	2.5
108°	2.8	2.9	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.4
109°	2.7	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4
110°	2.6	2.7	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3
111°	2.5	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.2
112°	2.4	2.5	2.5	2.4	2.3	2.3	2.4	2.3	2.3	2.2	2.2
113°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1
114°	2.3	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1
115°	2.2	2.3	2.3	2.2	2.1	2.1	2.2	2.1	2.1	2.0	2.0
116°	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0
117°	2.1	2.2	2.2	2.1	2.0	2.0	2.1	2.0	2.0	1.9	1.9
118°	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9
119°	2.0	2.1	2.1	2.0	2.0	1.9	2.0	1.9	1.9	1.9	1.8
120°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8
121°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
122°	1.9	1.9	1.9	1.9	1.8	1.8	1.9	1.8	1.8	1.8	1.7
123°	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7
124°	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
125°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
126°	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.7	1.6	1.6	1.6
127°	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6
128°	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
129°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
130°	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.5	1.6
131°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5
132°	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
133°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
134°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4
136°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
137°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
138°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
139°	1.5	1.5	1.5	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	1.4	1.4	1.4	1.3	1.3	1.3	1.3
141°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
142°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
143°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
146°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
147°	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	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	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
151°	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	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	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
154°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155°	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
156°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
157°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
158°	1.0	1.0	1.0	1.0	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	0.9	0.9	0.9	0.9	0.8	0.8
160°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
161°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162°	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
163°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
164°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
165°	0.7	0.8	0.8	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	0.6	0.7
167°	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.6	0.6
168°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
169°	0.6	0.7	0.7	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	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
172°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
173°	0.5	0.6	0.6	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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	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



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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
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: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

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	0.5
6°	0.6	0.7	0.7
7°	0.9	1.0	0.9
8°	2.2	2.1	2.0
9°	3.7	3.6	3.6
10°	5.9	6.1	6.0
11°	10.4	10.5	10.1
12°	31.0	29.7	27.8
13°	52.0	49.2	45.9
14°	73.0	68.7	64.0
15°	107.0	104.1	101.1
16°	127.7	131.3	127.4
17°	141.3	155.0	151.6
18°	158.3	180.5	177.4
19°	170.4	192.5	190.0
20°	184.2	207.3	205.9
21°	205.2	234.6	234.9
22°	238.5	262.3	264.2
23°	271.9	291.2	293.0
24°	305.3	327.6	331.9
25°	344.7	364.9	370.2
26°	380.6	396.5	410.9
27°	401.8	428.8	452.7
28°	417.3	456.5	483.8
29°	430.3	477.0	504.4
30°	440.7	495.0	524.2
31°	448.8	514.1	541.2
32°	456.1	528.6	552.6
33°	464.9	541.0	561.8
34°	473.3	551.7	570.6
35°	478.7	559.4	577.7
36°	483.1	564.1	583.2
37°	485.8	568.4	588.0
38°	487.2	570.1	590.0
39°	487.9	570.7	588.9
40°	487.2	570.8	587.4
41°	484.8	569.6	584.6
42°	479.3	565.8	582.2
43°	472.3	561.8	578.0
44°	463.1	554.6	570.1

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	452.9	544.3	558.3
46°	438.0	528.8	542.0
47°	418.2	508.1	520.6
48°	395.4	485.7	500.4
49°	375.5	468.6	482.7
50°	357.5	449.6	462.7
51°	336.4	427.7	441.2
52°	316.7	406.0	419.9
53°	298.7	386.5	398.2
54°	280.9	364.1	375.4
55°	263.6	341.0	351.8
56°	245.7	318.5	329.1
57°	228.1	296.8	307.0
58°	211.8	276.0	286.7
59°	197.0	256.3	267.4
60°	183.3	238.1	248.5
61°	171.7	221.5	231.6
62°	161.2	206.7	216.1
63°	150.9	192.9	201.9
64°	141.4	180.1	188.2
65°	132.7	168.2	175.4
66°	124.8	156.9	163.4
67°	117.0	146.2	152.0
68°	109.6	135.9	141.4
69°	102.4	126.2	130.9
70°	96.1	117.0	121.3
71°	89.8	108.5	112.3
72°	83.5	100.1	103.9
73°	78.0	92.9	96.2
74°	73.0	85.7	88.5
75°	67.7	78.8	80.8
76°	62.5	71.8	74.0
77°	56.9	65.1	66.9
78°	51.3	58.3	60.0
79°	45.6	51.9	53.4
80°	40.1	45.6	47.2
81°	35.0	39.8	40.9
82°	30.3	34.5	35.6
83°	26.4	29.8	30.9
84°	22.9	25.8	26.7
85°	19.7	22.0	22.8
86°	16.8	18.6	19.2
87°	14.0	15.5	16.0
88°	11.7	12.7	13.3
89°	10.3	10.7	11.2

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	9.0	9.4	9.8
91°	7.6	8.0	8.4
92°	6.7	6.9	7.2
93°	5.9	5.9	6.2
94°	5.2	5.1	5.4
95°	4.6	4.6	4.9
96°	4.1	4.2	4.5
97°	3.9	4.0	4.3
98°	3.7	3.8	4.1
99°	3.6	3.7	3.9
100°	3.4	3.5	3.7
101°	3.3	3.4	3.5
102°	3.1	3.2	3.4
103°	3.0	3.1	3.3
104°	2.9	3.0	3.1
105°	2.8	2.9	3.0
106°	2.7	2.8	2.9
107°	2.6	2.7	2.8
108°	2.5	2.6	2.7
109°	2.4	2.5	2.6
110°	2.3	2.4	2.5
111°	2.3	2.4	2.4
112°	2.2	2.3	2.4
113°	2.1	2.2	2.3
114°	2.1	2.2	2.2
115°	2.0	2.1	2.2
116°	2.0	2.1	2.1
117°	1.9	2.0	2.1
118°	1.9	2.0	2.0
119°	1.9	1.9	2.0
120°	1.8	1.9	1.9
121°	1.8	1.8	1.9
122°	1.7	1.8	1.8
123°	1.7	1.8	1.8
124°	1.7	1.7	1.8
125°	1.7	1.7	1.7
126°	1.6	1.7	1.7
127°	1.6	1.7	1.7
128°	1.6	1.6	1.6
129°	1.6	1.6	1.6
130°	1.5	1.6	1.6
131°	1.5	1.6	1.6
132°	1.5	1.5	1.5
133°	1.5	1.5	1.5
134°	1.5	1.5	1.5

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	1.4	1.5	1.5
136°	1.4	1.4	1.5
137°	1.4	1.4	1.4
138°	1.4	1.4	1.4
139°	1.3	1.4	1.4
140°	1.3	1.3	1.4
141°	1.3	1.3	1.3
142°	1.3	1.3	1.3
143°	1.2	1.3	1.3
144°	1.2	1.2	1.3
145°	1.2	1.2	1.2
146°	1.2	1.2	1.2
147°	1.1	1.2	1.2
148°	1.1	1.1	1.2
149°	1.1	1.1	1.1
150°	1.1	1.1	1.1
151°	1.0	1.1	1.1
152°	1.0	1.0	1.1
153°	1.0	1.0	1.0
154°	1.0	1.0	1.0
155°	0.9	1.0	1.0
156°	0.9	0.9	1.0
157°	0.9	0.9	0.9
158°	0.9	0.9	0.9
159°	0.8	0.9	0.9
160°	0.8	0.9	0.9
161°	0.8	0.8	0.9
162°	0.8	0.8	0.8
163°	0.7	0.8	0.8
164°	0.7	0.8	0.8
165°	0.7	0.7	0.8
166°	0.7	0.7	0.7
167°	0.7	0.7	0.7
168°	0.6	0.7	0.7
169°	0.6	0.7	0.7
170°	0.6	0.6	0.6
171°	0.6	0.6	0.6
172°	0.5	0.6	0.6
173°	0.5	0.6	0.6
174°	0.5	0.5	0.5
175°	0.5	0.5	0.5
176°	0.5	0.5	0.5
177°	0.5	0.5	0.4
178°	0.4	0.4	0.4
179°	0.4	0.4	0.4

REPORT NUMBER: P1192959
CATALOG NUMBER: BOLF42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.4	0.4	0.4

(END OF REPORT)