

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: P1192960

Luminaire Tested: BOLF42-25S-BZ-15W-5000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192960
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-5000K
Description: Flat Top G6 Bollard, 42" length, 15W, BZ at 5000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

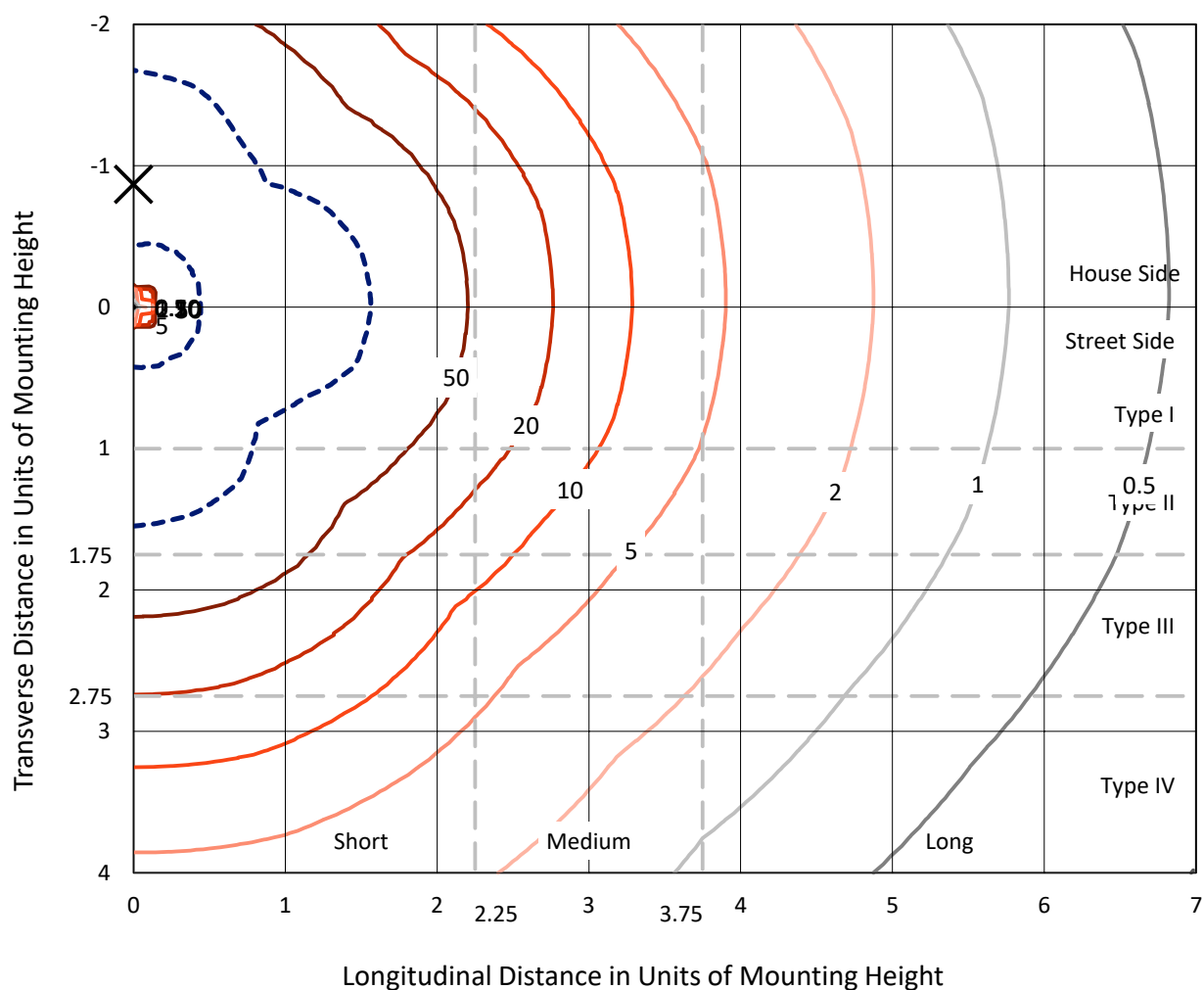
Lumens per Lamp: 1375.2 (1 lamp)
Luminaire Lumens: 1458.4 lumens
Efficiency: 106.0%
Efficacy: 97.9 lumens/watt
Luminous Opening: Point Source (0' x 0' x 0')
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U1 - G1

Input Watts (W): 14.9
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

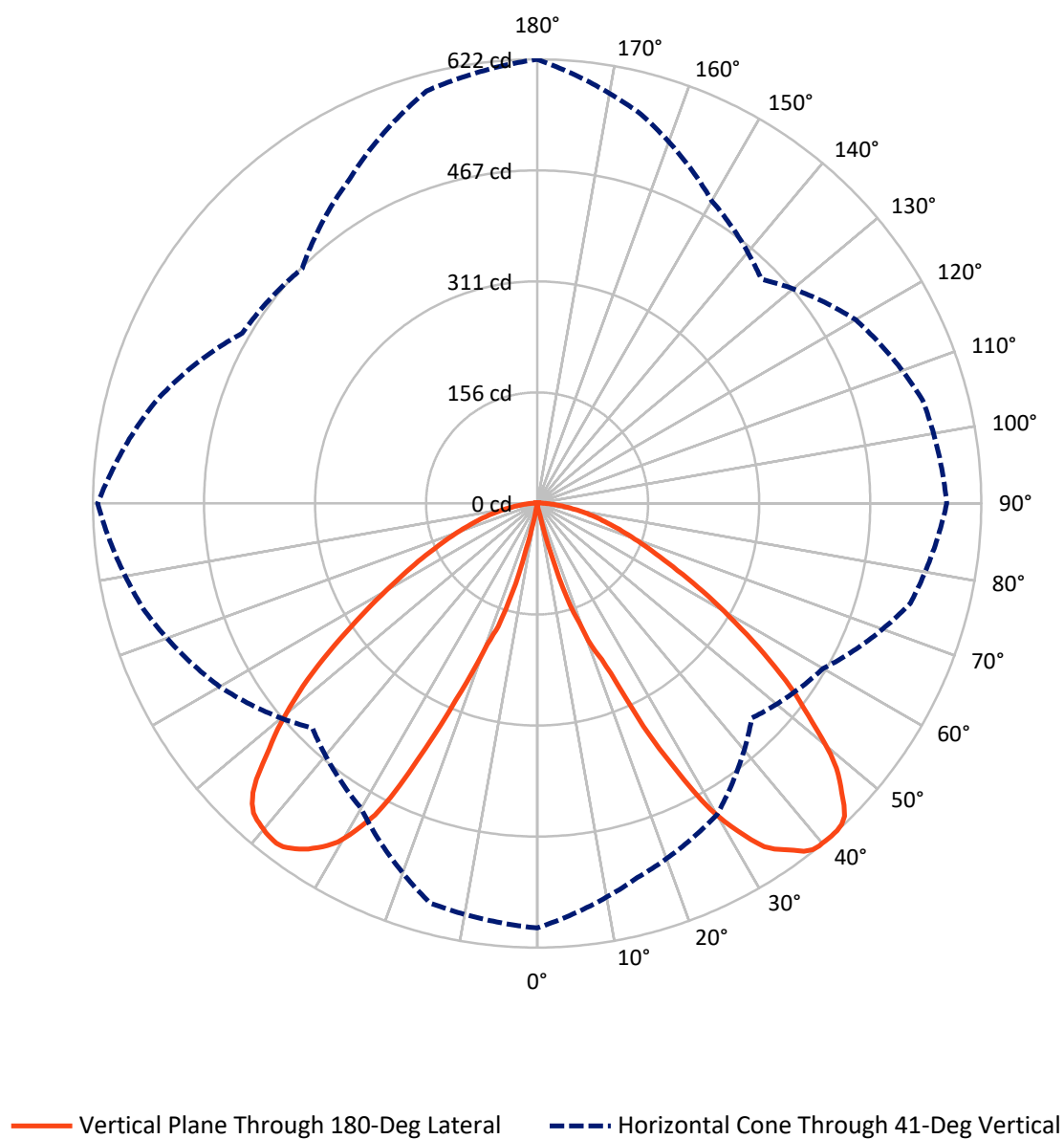
✕ Max cd
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1371.4 fc
 Type V - Short - Cutoff

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Luminous Intensity Polar Plot



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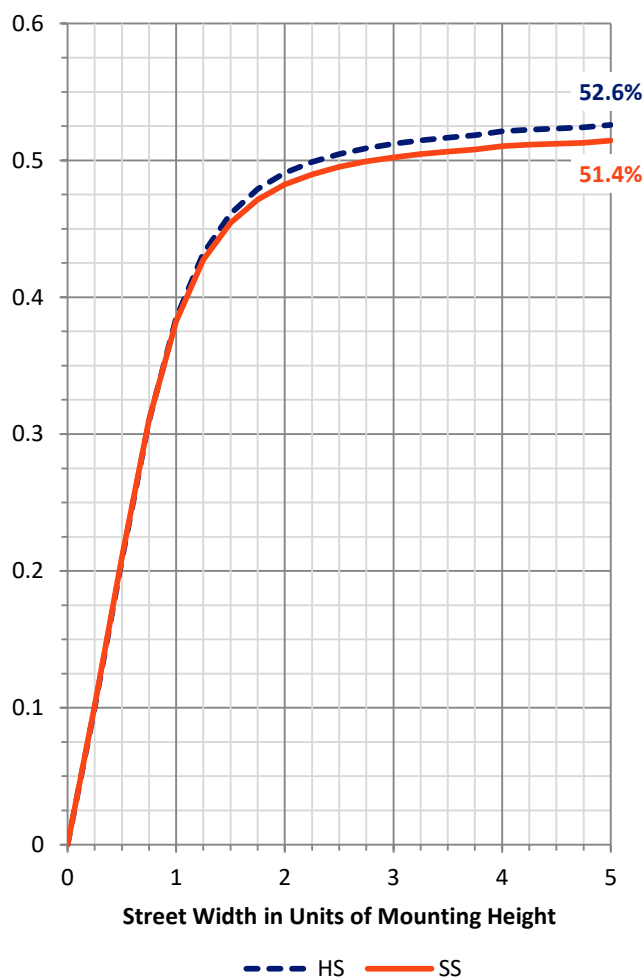
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	730.2	8.1	738.4
	% Lamp	53.1	0.6	53.7
Street Side	Lumens	712.4	7.6	720.0
	% Lamp	51.8	0.6	52.4
Total	Lumens	1442.6	15.8	1458.4
	% Lamp	104.9	1.1	106.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.1	0.0	0.0
10°-20°	29.0	2.0	2.1
20°-30°	158.3	10.9	11.5
30°-40°	320.5	22.0	23.3
40°-50°	377.8	25.9	27.5
50°-60°	284.9	19.5	20.7
60°-70°	163.1	11.2	11.9
70°-80°	82.4	5.7	6.0
80°-90°	26.4	1.8	1.9
90°-100°	6.0	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°	1442.6	98.9	104.9
0°-180°	1458.4	100.0	106.0

Coefficient of Utilization



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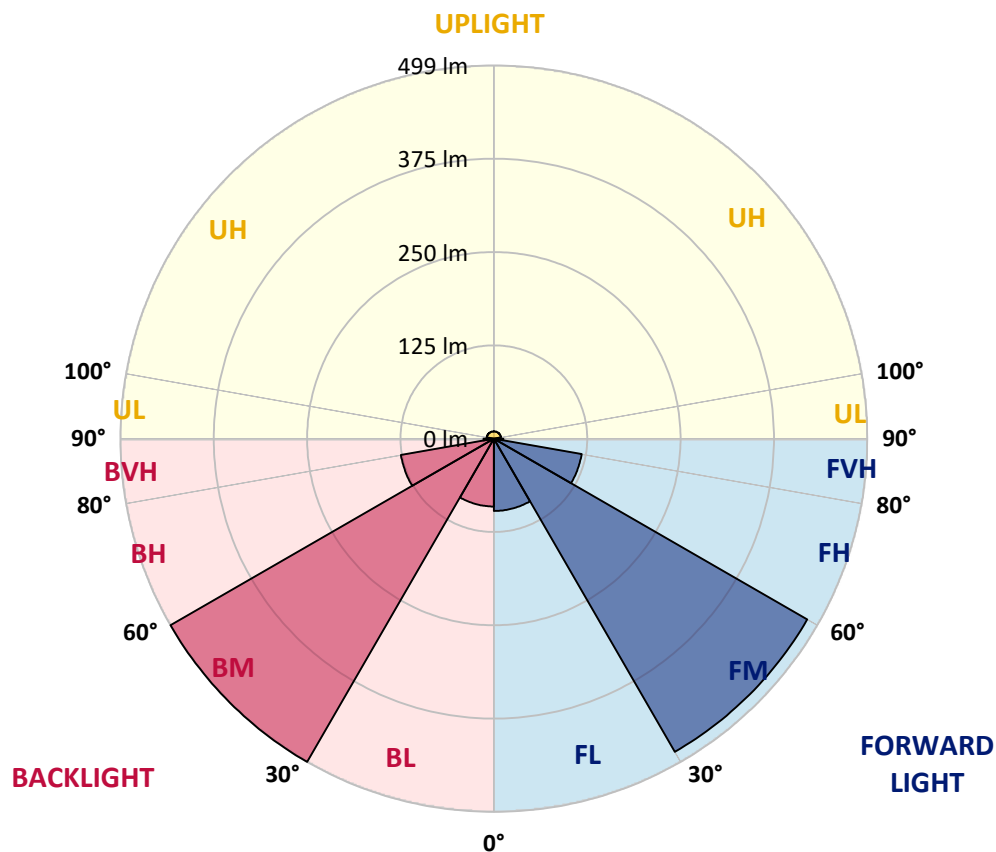
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	96.8	7.0			
FM	(30°-60°)	483.9	35.2			
FH	(60°-80°)	119.2	8.7			G0/660
FVH	(80°-90°)	12.5	0.9			G1/100
BL	(0°-30°)	90.8	6.6	B0/110		
BM	(30°-60°)	499.4	36.3	B1/1000		
BH	(60°-80°)	126.2	9.2	B1/500		G0/660
BVH	(80°-90°)	13.9	1.0			G1/100
UL	(90°-100°)	6.0	0.4		U1/10	
UH	(100°-180°)	9.7	0.7		U1/10	
Trapped Light		-83.2	-6.0			

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	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4
7°	0.9	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6
8°	2.0	2.2	2.3	2.1	1.9	1.7	1.4	1.3	1.2	1.1	1.0
9°	3.7	3.6	3.6	3.7	3.5	3.1	3.0	2.9	2.8	2.7	2.5
10°	6.1	5.9	5.9	6.2	5.8	5.3	6.1	6.0	6.0	5.8	4.0
11°	10.3	9.7	10.2	10.9	10.5	9.3	9.3	9.1	9.2	8.9	7.5
12°	28.3	27.7	32.3	33.7	32.3	27.0	12.5	12.3	12.5	12.1	11.2
13°	46.7	46.1	54.3	56.9	54.2	44.8	20.9	20.9	20.3	19.3	17.6
14°	65.1	64.4	76.4	80.0	76.1	62.5	51.3	52.0	49.9	52.2	49.6
15°	102.9	97.3	103.9	116.1	110.5	92.5	81.7	83.1	79.5	85.2	81.6
16°	129.7	123.5	126.3	139.8	127.7	120.4	112.1	114.2	108.9	118.0	113.5
17°	154.3	147.4	147.6	150.4	146.6	145.1	136.7	142.3	129.9	141.6	133.0
18°	180.5	173.1	171.8	158.9	159.2	162.7	155.5	159.6	142.4	154.1	147.7
19°	193.3	185.6	185.4	167.4	169.0	183.0	175.9	179.9	160.8	162.9	161.5
20°	209.5	200.9	201.3	177.5	180.2	202.1	194.7	201.6	185.4	171.6	181.5
21°	239.0	230.4	231.7	194.3	196.5	227.2	212.9	219.3	203.8	181.4	194.7
22°	268.8	260.1	262.3	229.0	232.4	252.4	233.6	239.7	224.0	198.5	208.9
23°	298.1	289.9	292.8	264.1	268.6	277.6	266.6	270.9	256.2	225.4	233.1
24°	337.7	326.5	334.6	299.1	304.9	312.9	303.8	310.6	297.3	263.0	270.1
25°	376.6	356.6	363.3	331.7	342.0	345.5	346.6	347.8	340.1	303.0	313.8
26°	418.0	389.2	383.6	358.2	374.9	371.8	385.6	382.0	364.7	330.1	351.0
27°	460.6	413.4	401.0	383.0	395.3	395.7	421.4	410.4	384.7	355.4	382.5
28°	492.2	434.4	415.6	398.7	412.1	422.5	454.3	432.1	402.3	378.7	402.5
29°	513.2	458.3	432.6	408.4	425.5	446.3	480.8	454.5	417.8	393.6	417.9
30°	533.3	473.8	450.3	415.7	433.0	461.3	498.2	475.8	436.8	406.1	431.9
31°	550.6	483.7	460.4	420.2	439.4	478.6	513.7	491.3	456.1	416.1	443.1
32°	562.2	493.7	470.1	426.2	446.0	495.1	529.8	503.6	468.3	424.1	451.7
33°	571.6	509.3	479.9	432.4	452.8	507.0	542.1	516.7	478.3	431.6	458.6
34°	580.5	525.5	488.2	435.2	458.4	517.0	549.9	529.0	487.0	438.1	465.3
35°	587.7	536.5	494.1	436.3	463.7	525.3	557.1	540.7	495.1	443.7	472.0
36°	593.3	542.6	498.0	435.9	467.1	531.6	563.7	549.7	501.4	448.2	477.2
37°	598.2	546.5	500.4	434.7	468.6	535.3	569.3	554.8	504.7	450.4	482.1
38°	600.2	547.2	501.8	432.8	467.8	537.5	573.3	556.4	505.9	450.0	485.1
39°	599.1	547.2	503.2	431.1	467.0	539.5	574.9	558.0	508.3	448.4	486.1
40°	597.6	546.5	505.1	429.5	465.1	541.1	574.7	559.4	511.4	446.5	487.9
41°	594.7	542.7	503.5	425.2	462.5	541.1	573.8	559.1	515.1	444.3	489.4
42°	592.3	539.2	499.6	418.3	457.3	539.6	570.6	555.4	515.9	442.7	488.0
43°	588.0	534.6	492.6	408.5	450.4	534.6	565.2	548.6	510.4	438.5	483.5
44°	580.0	528.2	483.1	397.2	439.9	526.3	557.0	537.2	500.4	429.4	474.8

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	568.0	517.8	470.2	384.0	429.0	515.9	547.0	525.7	486.4	416.1	464.2
46°	551.4	503.3	454.3	366.9	413.2	502.7	534.8	513.7	471.4	400.3	451.7
47°	529.7	484.0	435.3	346.9	396.1	487.9	520.7	500.7	456.8	382.2	437.2
48°	509.1	466.7	417.4	329.1	379.1	472.7	503.3	485.0	440.9	366.5	420.3
49°	491.1	452.3	402.5	313.6	363.3	454.2	483.7	466.1	422.2	349.7	402.2
50°	470.8	435.4	389.1	297.0	345.5	435.6	462.6	446.1	403.0	331.1	383.6
51°	448.9	416.8	373.1	280.3	329.7	418.8	441.7	427.7	385.5	312.0	363.5
52°	427.2	398.3	357.2	265.2	314.0	400.8	422.3	408.7	368.7	294.3	344.5
53°	405.2	379.7	340.8	250.4	298.7	382.8	402.8	389.6	351.3	277.7	327.2
54°	381.9	359.8	322.9	234.6	281.9	364.0	382.4	371.0	333.7	260.2	310.1
55°	357.9	340.3	304.3	219.3	265.8	345.0	360.8	352.9	315.7	241.8	293.5
56°	334.8	321.7	286.5	204.0	249.7	324.8	339.9	333.9	297.5	223.5	276.4
57°	312.3	302.4	269.0	190.7	233.3	304.4	318.3	314.4	278.5	205.2	260.7
58°	291.7	283.9	252.7	178.6	218.6	284.8	297.8	294.3	260.3	191.1	244.5
59°	272.0	266.9	236.7	168.1	204.7	266.1	278.9	276.3	243.9	179.6	228.3
60°	252.9	250.2	222.2	158.6	192.1	249.3	261.0	259.5	227.5	168.9	212.1
61°	235.6	234.4	208.2	150.0	180.4	233.3	244.0	243.5	211.2	158.8	198.0
62°	219.9	219.5	194.8	141.8	169.4	217.8	227.0	227.5	196.7	149.3	184.9
63°	205.4	204.7	182.3	133.7	158.7	203.4	210.2	211.6	183.0	140.3	172.0
64°	191.5	190.8	170.0	125.9	148.6	189.1	196.5	196.9	170.4	132.1	159.9
65°	178.5	177.7	158.5	118.8	139.5	176.6	182.8	183.5	158.6	124.4	148.7
66°	166.2	165.6	147.6	112.1	130.5	164.8	170.4	170.8	147.4	116.9	138.4
67°	154.6	154.1	137.3	105.4	121.9	153.5	158.6	159.1	137.0	109.9	128.6
68°	143.9	143.4	127.3	99.3	113.6	142.6	147.7	148.0	127.4	102.9	119.8
69°	133.2	133.1	118.0	93.2	105.8	132.6	137.4	138.0	118.6	96.5	111.7
70°	123.4	123.4	109.7	87.1	98.7	123.3	127.8	128.1	110.5	90.4	104.2
71°	114.3	114.6	103.1	81.5	91.7	114.0	118.6	119.1	102.6	84.6	96.8
72°	105.7	106.4	95.0	76.3	84.7	105.6	110.0	110.4	95.5	79.0	90.5
73°	97.9	98.6	86.9	71.3	78.7	97.9	101.6	102.1	88.6	73.8	84.5
74°	90.0	90.8	80.4	66.3	73.1	90.2	93.7	94.2	82.2	69.1	78.8
75°	82.2	83.0	73.9	61.3	67.7	82.5	86.2	86.9	76.2	64.6	73.4
76°	75.2	75.7	67.4	56.2	62.3	75.1	78.9	79.6	70.2	60.0	68.1
77°	68.1	68.3	60.5	51.2	56.5	68.1	71.6	72.2	63.9	54.9	62.3
78°	61.1	61.2	54.2	46.1	50.7	61.3	64.4	65.0	57.7	49.4	56.1
79°	54.3	54.6	48.2	41.0	45.1	54.6	57.6	58.4	51.6	44.1	50.1
80°	48.0	48.3	42.6	36.0	39.9	48.3	51.1	51.8	45.7	38.8	44.2
81°	41.6	42.2	37.2	31.2	34.6	42.0	44.9	45.5	40.1	33.7	38.8
82°	36.2	36.4	32.2	26.7	30.0	36.4	38.9	39.5	34.8	29.1	33.7
83°	31.5	31.7	28.2	23.3	26.1	31.5	33.7	34.4	30.5	25.3	29.4
84°	27.2	27.4	24.5	20.3	22.6	27.2	29.2	29.7	26.5	22.3	25.6
85°	23.2	23.4	20.8	17.5	19.4	23.1	25.2	25.7	23.0	19.2	22.3
86°	19.6	19.7	17.5	14.9	16.4	19.5	21.3	21.6	19.5	16.2	18.9
87°	16.3	16.2	14.5	12.6	13.6	16.1	17.4	17.6	16.0	13.7	15.6
88°	13.5	13.2	12.0	11.0	11.4	13.1	14.2	14.3	13.3	11.5	12.9
89°	11.4	11.1	10.5	9.4	9.9	10.9	11.8	11.8	11.0	9.6	10.9

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	9.9	9.7	9.1	7.8	8.4	9.5	10.2	10.0	9.4	8.3	9.4
91°	8.5	8.3	7.7	7.0	7.4	8.0	8.8	8.7	8.2	7.3	8.2
92°	7.4	7.2	6.8	6.3	6.5	6.9	7.6	7.5	7.2	6.6	7.1
93°	6.3	6.1	5.9	5.7	5.7	5.9	6.5	6.4	6.3	6.0	6.3
94°	5.5	5.3	5.1	5.1	5.1	5.2	5.7	5.5	5.5	5.4	5.5
95°	4.9	4.8	4.6	4.5	4.5	4.6	5.1	4.9	4.9	4.8	4.9
96°	4.6	4.5	4.3	4.1	4.2	4.3	4.7	4.6	4.4	4.3	4.4
97°	4.4	4.2	4.1	3.9	4.0	4.1	4.5	4.4	4.2	4.1	4.2
98°	4.1	4.0	3.9	3.8	3.8	3.9	4.3	4.2	4.0	3.9	4.0
99°	4.0	3.9	3.7	3.6	3.6	3.8	4.1	4.0	3.8	3.7	3.8
100°	3.8	3.7	3.5	3.4	3.5	3.6	3.9	3.8	3.7	3.6	3.6
101°	3.6	3.5	3.4	3.3	3.3	3.4	3.7	3.6	3.5	3.4	3.5
102°	3.5	3.4	3.3	3.2	3.2	3.3	3.6	3.5	3.4	3.3	3.4
103°	3.3	3.3	3.1	3.1	3.1	3.2	3.4	3.4	3.3	3.2	3.2
104°	3.2	3.1	3.0	2.9	3.0	3.1	3.3	3.2	3.1	3.1	3.1
105°	3.1	3.0	2.9	2.8	2.9	2.9	3.2	3.1	3.0	2.9	3.0
106°	2.9	2.9	2.8	2.7	2.8	2.8	3.1	3.0	2.9	2.8	2.9
107°	2.8	2.8	2.7	2.6	2.7	2.7	3.0	2.9	2.8	2.7	2.8
108°	2.7	2.7	2.6	2.6	2.6	2.7	2.9	2.8	2.7	2.7	2.7
109°	2.6	2.6	2.5	2.5	2.5	2.6	2.8	2.7	2.6	2.6	2.6
110°	2.6	2.5	2.5	2.4	2.4	2.5	2.7	2.6	2.5	2.5	2.5
111°	2.5	2.5	2.4	2.3	2.4	2.4	2.6	2.6	2.5	2.4	2.5
112°	2.4	2.4	2.3	2.3	2.3	2.3	2.5	2.5	2.4	2.4	2.4
113°	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.4	2.3	2.3	2.3
114°	2.3	2.2	2.2	2.1	2.2	2.2	2.4	2.3	2.3	2.2	2.3
115°	2.2	2.2	2.1	2.1	2.1	2.2	2.3	2.3	2.2	2.2	2.2
116°	2.1	2.1	2.1	2.0	2.1	2.1	2.2	2.2	2.2	2.1	2.2
117°	2.1	2.1	2.0	2.0	2.0	2.1	2.2	2.2	2.1	2.1	2.1
118°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.1
119°	2.0	2.0	1.9	1.9	1.9	2.0	2.1	2.1	2.0	2.0	2.0
120°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
121°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.9	2.0
122°	1.9	1.9	1.8	1.8	1.8	1.8	2.0	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	1.9	1.9	1.9
124°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.9
125°	1.8	1.8	1.7	1.7	1.7	1.8	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	1.8	1.8	1.8
128°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
129°	1.6	1.7	1.6	1.7	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°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
133°	1.5	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.7
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: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-5000K

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	1.6	1.6	1.6	1.6	1.6
136°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
137°	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.6	1.6
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	1.5	1.5	1.5	1.5	1.5
140°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
141°	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.5	1.5
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	1.4	1.4	1.4	1.4	1.4
144°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
145°	1.2	1.3	1.3	1.3	1.3	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	1.3	1.3	1.3	1.3	1.3
148°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
149°	1.2	1.2	1.2	1.2	1.2	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	1.2	1.2	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	1.2	1.2
153°	1.1	1.1	1.1	1.1	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	1.1	1.1	1.1	1.1	1.1
156°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
157°	1.0	1.0	1.0	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	1.0	0.9	0.9	0.9	0.9
160°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
161°	0.9	0.9	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	0.9	0.9	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	0.8	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	0.8	0.8	0.8	0.8	0.7	0.7
166°	0.8	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	0.7	0.7	0.7	0.7	0.7	0.7	0.7
169°	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6
170°	0.7	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	0.6	0.6	0.6	0.6	0.6	0.6	0.6
173°	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	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°	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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: P1192960
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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: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-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	0.0	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	0.4	0.4
6°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
7°	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.7	0.7	0.8	0.8
8°	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.5	1.9	2.2
9°	2.3	2.1	2.1	2.4	2.6	2.8	2.6	2.8	2.9	3.2	3.7
10°	3.7	3.7	3.7	3.9	4.3	4.2	4.4	4.6	4.9	5.3	5.8
11°	7.6	7.6	7.2	7.6	8.0	7.9	7.8	7.8	8.6	9.2	9.8
12°	11.4	11.5	10.6	11.2	11.7	11.6	11.4	12.4	24.6	28.8	30.7
13°	15.4	16.0	16.6	17.6	18.9	18.7	19.3	36.8	40.9	48.8	51.9
14°	33.0	46.9	47.3	50.7	52.8	52.0	48.5	61.3	57.2	68.8	73.0
15°	63.4	77.7	78.1	83.8	86.8	85.4	77.6	85.8	86.9	102.0	109.8
16°	93.8	108.5	108.9	116.6	120.7	118.4	106.7	118.1	114.2	120.2	137.1
17°	124.1	138.1	139.2	137.9	150.7	138.9	135.2	142.6	139.1	140.2	152.8
18°	144.1	161.1	161.3	151.4	167.7	150.2	149.9	161.3	161.5	161.2	164.0
19°	159.3	177.6	179.5	168.1	178.0	164.4	169.3	180.9	180.9	178.3	172.7
20°	184.7	204.5	206.1	193.0	186.9	181.1	191.9	199.4	198.9	193.5	181.6
21°	201.9	222.6	224.7	209.0	196.3	192.3	206.4	215.5	224.9	210.1	194.3
22°	213.7	236.6	240.3	224.6	210.7	205.8	222.9	243.2	251.0	246.8	229.3
23°	234.1	259.3	265.9	254.3	236.7	232.4	254.3	271.2	277.2	283.5	264.8
24°	269.7	298.3	306.0	295.5	275.1	274.6	298.6	310.2	312.9	325.5	300.2
25°	311.4	345.9	350.6	342.3	318.3	325.9	340.9	353.7	348.4	354.2	330.8
26°	345.1	383.8	383.3	367.2	352.8	363.2	372.1	392.9	382.7	372.9	357.0
27°	371.9	418.7	413.1	386.8	383.6	394.8	392.6	432.6	407.0	393.5	384.0
28°	398.6	458.4	435.4	406.2	407.6	416.0	415.8	470.3	430.8	414.2	402.3
29°	428.5	492.3	458.9	429.5	425.5	431.0	442.4	500.3	455.8	434.9	415.5
30°	455.4	517.1	485.0	453.6	438.6	442.5	464.1	520.0	479.9	454.7	425.9
31°	475.9	538.2	508.6	468.6	449.4	453.2	484.3	538.0	494.1	467.0	433.8
32°	497.9	558.4	525.2	478.9	456.6	460.8	502.8	557.6	506.3	474.8	439.7
33°	513.9	576.8	542.7	487.4	463.6	465.5	513.8	574.7	521.9	482.1	445.2
34°	524.1	587.5	556.7	495.4	469.4	469.4	521.7	584.6	536.4	490.1	450.5
35°	532.8	595.5	566.2	503.4	474.1	473.5	530.6	593.8	547.1	497.8	454.7
36°	542.1	604.3	576.3	510.3	477.0	477.7	538.2	601.4	557.1	504.8	456.7
37°	549.8	614.2	584.8	516.1	478.6	479.6	543.6	609.6	563.5	509.4	456.3
38°	554.4	619.8	591.4	521.2	476.4	479.5	547.1	614.9	567.3	511.1	453.2
39°	556.7	621.6	593.5	522.3	471.9	478.5	549.2	616.3	569.2	511.7	450.4
40°	560.0	621.7	596.0	523.5	468.0	478.2	551.3	616.3	570.9	512.6	447.9
41°	564.2	622.2	598.3	525.1	465.5	477.0	553.3	615.7	571.1	513.4	445.1
42°	566.1	621.8	599.9	524.9	462.1	474.0	553.0	613.5	569.5	512.4	440.7
43°	563.6	620.0	595.9	521.5	456.6	468.7	548.7	609.1	563.8	508.5	432.5
44°	556.8	614.5	588.3	513.0	445.6	458.0	540.4	602.1	554.6	499.5	420.0

REPORT NUMBER: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	545.9	602.8	575.1	499.9	430.2	443.2	528.9	592.0	543.0	486.5	405.4
46°	534.0	588.5	561.3	484.6	412.3	427.4	517.0	579.7	531.2	472.1	387.6
47°	523.7	574.8	549.3	468.8	393.7	410.6	503.7	563.2	516.9	455.0	366.8
48°	511.4	559.9	534.4	451.7	375.6	392.9	487.5	544.4	501.6	437.9	346.4
49°	494.7	540.9	517.0	435.1	357.5	373.0	468.4	523.5	482.1	420.2	327.6
50°	475.0	517.2	496.1	414.5	334.3	352.1	450.7	502.6	462.5	401.6	308.6
51°	453.0	492.8	473.7	394.3	311.6	331.5	431.9	480.0	442.4	386.0	290.1
52°	433.8	471.2	452.8	377.9	291.9	314.2	412.8	457.0	423.4	370.4	271.1
53°	415.6	450.5	432.8	362.0	274.8	297.9	395.9	435.4	402.6	354.8	253.3
54°	395.4	427.8	411.5	345.3	255.1	281.5	378.7	413.0	381.9	337.7	235.4
55°	375.5	404.1	390.1	327.4	235.4	265.9	360.4	389.8	361.6	319.5	218.2
56°	355.4	380.8	368.5	308.4	215.8	251.1	341.3	364.3	340.0	300.1	201.5
57°	334.9	358.0	347.1	288.9	200.7	236.0	321.3	339.8	318.9	279.9	186.4
58°	314.0	334.8	325.5	269.3	186.5	220.9	301.4	316.5	297.9	260.3	173.4
59°	292.4	313.2	304.1	251.5	174.6	205.8	282.7	294.7	278.0	243.1	162.7
60°	272.2	292.6	284.6	233.6	163.6	191.7	265.0	274.5	259.8	226.3	152.8
61°	253.6	273.2	266.1	215.7	153.9	178.6	248.0	256.1	242.8	210.1	144.0
62°	235.3	253.8	248.7	200.6	144.8	166.8	231.0	238.5	226.2	194.5	135.7
63°	216.9	235.8	231.2	185.7	135.9	155.8	214.1	221.9	210.3	180.4	127.8
64°	201.1	217.8	213.7	172.1	127.6	145.4	198.7	206.5	195.5	166.8	120.1
65°	186.4	202.0	198.5	159.9	119.8	135.6	184.7	192.4	182.1	154.5	112.9
66°	172.8	187.5	184.4	148.5	112.2	126.7	172.0	179.0	169.7	143.2	106.0
67°	160.9	174.3	171.0	137.9	105.4	118.5	159.9	166.5	157.7	132.8	99.6
68°	149.4	162.2	158.8	128.2	98.5	110.8	148.3	154.5	146.2	122.7	93.2
69°	138.9	150.9	147.6	119.1	92.3	103.3	137.9	143.7	135.7	113.0	86.8
70°	129.2	140.0	137.0	110.7	86.3	96.8	128.1	133.4	126.0	104.4	81.2
71°	119.8	130.1	127.2	103.0	80.8	90.7	119.0	123.8	116.7	97.2	75.8
72°	111.3	120.7	117.7	95.7	75.6	85.2	110.7	114.3	108.0	89.9	71.1
73°	103.1	111.2	108.3	88.6	70.7	79.9	102.6	105.6	100.3	82.7	66.4
74°	95.7	102.6	100.2	82.4	66.1	74.6	95.1	97.8	92.5	76.6	62.3
75°	88.7	94.6	92.4	76.5	61.6	69.8	88.1	89.9	84.8	70.9	58.0
76°	81.8	86.8	84.7	70.9	57.1	64.8	81.1	82.1	78.0	65.0	53.7
77°	74.4	79.2	77.3	65.0	52.4	59.5	73.8	75.0	71.0	58.5	48.7
78°	67.1	71.5	69.9	58.9	47.4	53.3	66.2	67.8	64.0	52.4	43.5
79°	60.1	64.3	63.0	53.0	42.4	47.7	59.4	60.7	57.3	46.6	38.6
80°	53.1	57.0	55.9	46.9	37.6	42.1	52.6	53.8	50.8	41.2	33.8
81°	46.6	50.2	49.2	41.2	32.9	37.1	46.2	47.2	44.6	36.0	29.5
82°	40.6	43.6	43.1	36.1	28.5	32.2	40.1	40.7	38.7	31.2	25.1
83°	35.4	38.0	37.4	31.5	25.2	27.9	34.6	35.1	33.4	27.1	21.9
84°	30.6	32.9	32.4	27.2	21.9	24.6	29.9	30.2	28.8	23.5	19.1
85°	26.2	28.1	27.7	23.8	18.6	21.3	25.9	25.8	24.7	20.2	16.5
86°	22.5	24.1	23.8	20.3	16.0	18.1	21.9	21.7	21.0	17.2	14.2
87°	18.8	20.1	19.8	16.9	13.6	15.3	18.0	18.0	17.4	14.5	12.1
88°	15.1	16.1	15.9	14.0	11.5	12.8	14.7	14.7	14.2	12.1	10.6
89°	12.3	13.2	12.9	11.7	9.8	10.9	12.0	12.0	11.6	10.7	9.2

REPORT NUMBER: P1192960
CATALOG NUMBER: BOL42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	10.5	11.2	11.0	10.1	8.7	9.5	10.2	10.5	10.2	9.3	7.8
91°	9.0	9.6	9.5	8.8	7.8	8.3	8.8	9.0	8.8	7.8	7.0
92°	7.8	8.3	8.2	7.7	7.0	7.4	7.6	7.5	7.4	6.9	6.3
93°	6.7	7.1	7.1	6.8	6.4	6.5	6.6	6.5	6.3	6.0	5.7
94°	5.7	6.1	6.1	6.0	5.8	5.7	5.6	5.6	5.5	5.2	5.1
95°	5.0	5.4	5.3	5.3	5.2	5.1	4.9	4.9	4.8	4.6	4.5
96°	4.6	4.9	4.8	4.8	4.6	4.6	4.5	4.5	4.4	4.2	4.1
97°	4.3	4.6	4.6	4.4	4.3	4.3	4.2	4.2	4.1	4.0	3.9
98°	4.1	4.4	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.7
99°	3.9	4.2	4.1	4.0	3.9	3.9	3.8	3.9	3.7	3.6	3.5
100°	3.8	4.0	4.0	3.9	3.7	3.7	3.7	3.7	3.6	3.5	3.4
101°	3.6	3.8	3.8	3.7	3.6	3.5	3.5	3.5	3.4	3.3	3.2
102°	3.5	3.7	3.6	3.5	3.4	3.4	3.4	3.4	3.3	3.2	3.1
103°	3.3	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.1	3.0	3.0
104°	3.2	3.4	3.4	3.3	3.1	3.1	3.1	3.1	3.0	2.9	2.9
105°	3.1	3.3	3.2	3.1	3.0	3.0	3.0	3.0	2.9	2.8	2.8
106°	3.0	3.1	3.1	3.0	2.9	2.9	2.9	2.9	2.8	2.7	2.7
107°	2.9	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.7	2.6	2.6
108°	2.8	2.9	2.9	2.8	2.7	2.7	2.7	2.7	2.6	2.5	2.5
109°	2.7	2.8	2.8	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.4
110°	2.6	2.7	2.7	2.6	2.5	2.5	2.6	2.5	2.4	2.4	2.3
111°	2.6	2.6	2.6	2.5	2.5	2.4	2.5	2.4	2.4	2.3	2.3
112°	2.5	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2
113°	2.4	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.1
114°	2.3	2.4	2.4	2.3	2.2	2.2	2.3	2.2	2.2	2.1	2.1
115°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0
116°	2.2	2.3	2.3	2.2	2.1	2.1	2.2	2.1	2.1	2.0	2.0
117°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9
118°	2.1	2.2	2.2	2.1	2.0	2.0	2.1	2.0	2.0	1.9	1.9
119°	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9
120°	2.0	2.1	2.1	2.0	1.9	1.9	2.0	1.9	1.9	1.9	1.8
121°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8
122°	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
123°	1.9	1.9	1.9	1.9	1.8	1.8	1.9	1.8	1.8	1.8	1.7
124°	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7
125°	1.9	1.9	1.9	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	1.8	1.8	1.8	1.7	1.7	1.7	1.7
127°	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.6	1.6
128°	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6
129°	1.7	1.8	1.8	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	1.7	1.7	1.7	1.6	1.6	1.6	1.6
131°	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.6
132°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5
133°	1.6	1.6	1.7	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: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
136°	1.6	1.6	1.6	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	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
140°	1.5	1.5	1.5	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	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
144°	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3	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	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
148°	1.3	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	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.0
152°	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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	1.1	1.1	1.1	1.0	1.0	1.0	1.0
155°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9
156°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
157°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	0.9	0.9
159°	1.0	1.0	1.0	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	0.9	0.8	0.9	0.9	0.8	0.8
161°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
162°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8
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	0.8	0.8	0.7	0.7	0.7
165°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
166°	0.7	0.7	0.8	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	0.6	0.6
168°	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.6	0.6
169°	0.6	0.7	0.7	0.7	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	0.6	0.6
172°	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.5	0.5
173°	0.5	0.6	0.6	0.6	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°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4



REPORT NUMBER: P1192960
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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: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-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°	0.2	0.2	0.2
5°	0.4	0.5	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	3.7	3.7
10°	6.0	6.2	6.1
11°	10.5	10.7	10.3
12°	31.5	30.2	28.3
13°	52.9	50.1	46.7
14°	74.3	69.9	65.1
15°	108.9	105.9	102.9
16°	129.9	133.6	129.7
17°	143.7	157.7	154.3
18°	161.1	183.7	180.5
19°	173.4	195.8	193.3
20°	187.4	210.9	209.5
21°	208.7	238.7	239.0
22°	242.6	266.9	268.8
23°	276.6	296.3	298.1
24°	310.6	333.3	337.7
25°	350.7	371.2	376.6
26°	387.2	403.4	418.0
27°	408.7	436.2	460.6
28°	424.6	464.5	492.2
29°	437.8	485.3	513.2
30°	448.3	503.6	533.3
31°	456.6	523.1	550.6
32°	464.0	537.8	562.2
33°	472.9	550.4	571.6
34°	481.6	561.2	580.5
35°	487.0	569.1	587.7
36°	491.4	573.9	593.3
37°	494.2	578.3	598.2
38°	495.6	580.0	600.2
39°	496.3	580.6	599.1
40°	495.6	580.8	597.6
41°	493.3	579.5	594.7
42°	487.6	575.6	592.3
43°	480.5	571.6	588.0
44°	471.2	564.3	580.0

REPORT NUMBER: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	460.7	553.7	568.0
46°	445.6	537.9	551.4
47°	425.5	516.9	529.7
48°	402.3	494.2	509.1
49°	382.1	476.8	491.1
50°	363.7	457.4	470.8
51°	342.3	435.1	448.9
52°	322.2	413.0	427.2
53°	303.9	393.2	405.2
54°	285.8	370.5	381.9
55°	268.1	347.0	357.9
56°	250.0	324.0	334.8
57°	232.1	301.9	312.3
58°	215.5	280.8	291.7
59°	200.4	260.8	272.0
60°	186.5	242.2	252.9
61°	174.6	225.4	235.6
62°	164.0	210.2	219.9
63°	153.5	196.3	205.4
64°	143.9	183.2	191.5
65°	135.0	171.1	178.5
66°	126.9	159.6	166.2
67°	119.1	148.8	154.6
68°	111.5	138.3	143.9
69°	104.2	128.4	133.2
70°	97.7	119.1	123.4
71°	91.3	110.4	114.3
72°	84.9	101.9	105.7
73°	79.4	94.5	97.9
74°	74.2	87.2	90.0
75°	68.9	80.2	82.2
76°	63.6	73.1	75.2
77°	57.9	66.3	68.1
78°	52.2	59.3	61.1
79°	46.4	52.8	54.3
80°	40.8	46.4	48.0
81°	35.6	40.5	41.6
82°	30.8	35.1	36.2
83°	26.9	30.4	31.5
84°	23.3	26.2	27.2
85°	20.1	22.4	23.2
86°	17.1	18.9	19.6
87°	14.2	15.7	16.3
88°	11.9	12.9	13.5
89°	10.5	10.9	11.4

REPORT NUMBER: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	9.2	9.5	9.9
91°	7.8	8.1	8.5
92°	6.8	7.0	7.4
93°	6.0	6.0	6.3
94°	5.3	5.2	5.5
95°	4.7	4.7	4.9
96°	4.2	4.3	4.6
97°	4.0	4.1	4.4
98°	3.8	3.9	4.1
99°	3.6	3.7	4.0
100°	3.5	3.6	3.8
101°	3.3	3.4	3.6
102°	3.2	3.3	3.5
103°	3.1	3.2	3.3
104°	2.9	3.0	3.2
105°	2.8	2.9	3.1
106°	2.7	2.8	2.9
107°	2.6	2.7	2.8
108°	2.5	2.6	2.7
109°	2.5	2.6	2.6
110°	2.4	2.5	2.6
111°	2.3	2.4	2.5
112°	2.2	2.3	2.4
113°	2.2	2.3	2.3
114°	2.1	2.2	2.3
115°	2.1	2.2	2.2
116°	2.0	2.1	2.1
117°	2.0	2.0	2.1
118°	1.9	2.0	2.0
119°	1.9	2.0	2.0
120°	1.8	1.9	1.9
121°	1.8	1.9	1.9
122°	1.8	1.8	1.9
123°	1.7	1.8	1.8
124°	1.7	1.8	1.8
125°	1.7	1.7	1.8
126°	1.7	1.7	1.7
127°	1.6	1.7	1.7
128°	1.6	1.7	1.7
129°	1.6	1.6	1.6
130°	1.6	1.6	1.6
131°	1.5	1.6	1.6
132°	1.5	1.6	1.6
133°	1.5	1.5	1.5
134°	1.5	1.5	1.5

REPORT NUMBER: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	1.5	1.5	1.5
136°	1.4	1.5	1.5
137°	1.4	1.4	1.5
138°	1.4	1.4	1.4
139°	1.4	1.4	1.4
140°	1.3	1.4	1.4
141°	1.3	1.3	1.4
142°	1.3	1.3	1.3
143°	1.3	1.3	1.3
144°	1.2	1.3	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	1.2	1.2
149°	1.1	1.1	1.2
150°	1.1	1.1	1.1
151°	1.1	1.1	1.1
152°	1.0	1.1	1.1
153°	1.0	1.0	1.1
154°	1.0	1.0	1.0
155°	1.0	1.0	1.0
156°	0.9	1.0	1.0
157°	0.9	0.9	1.0
158°	0.9	0.9	0.9
159°	0.9	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°	0.8	0.8	0.8
164°	0.7	0.8	0.8
165°	0.7	0.8	0.8
166°	0.7	0.7	0.8
167°	0.7	0.7	0.7
168°	0.7	0.7	0.7
169°	0.6	0.7	0.7
170°	0.6	0.6	0.7
171°	0.6	0.6	0.6
172°	0.6	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	0.5
178°	0.4	0.4	0.4
179°	0.4	0.4	0.4

REPORT NUMBER: P1192960
CATALOG NUMBER: BOLF42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.4	0.4	0.4

(END OF REPORT)