

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: P1192962

Luminaire Tested: BOLF42-25S-BZ-20W-4000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192962
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-4000K
Description: Flat Top G6 Bollard, 42" length, 20W, BZ at 4000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

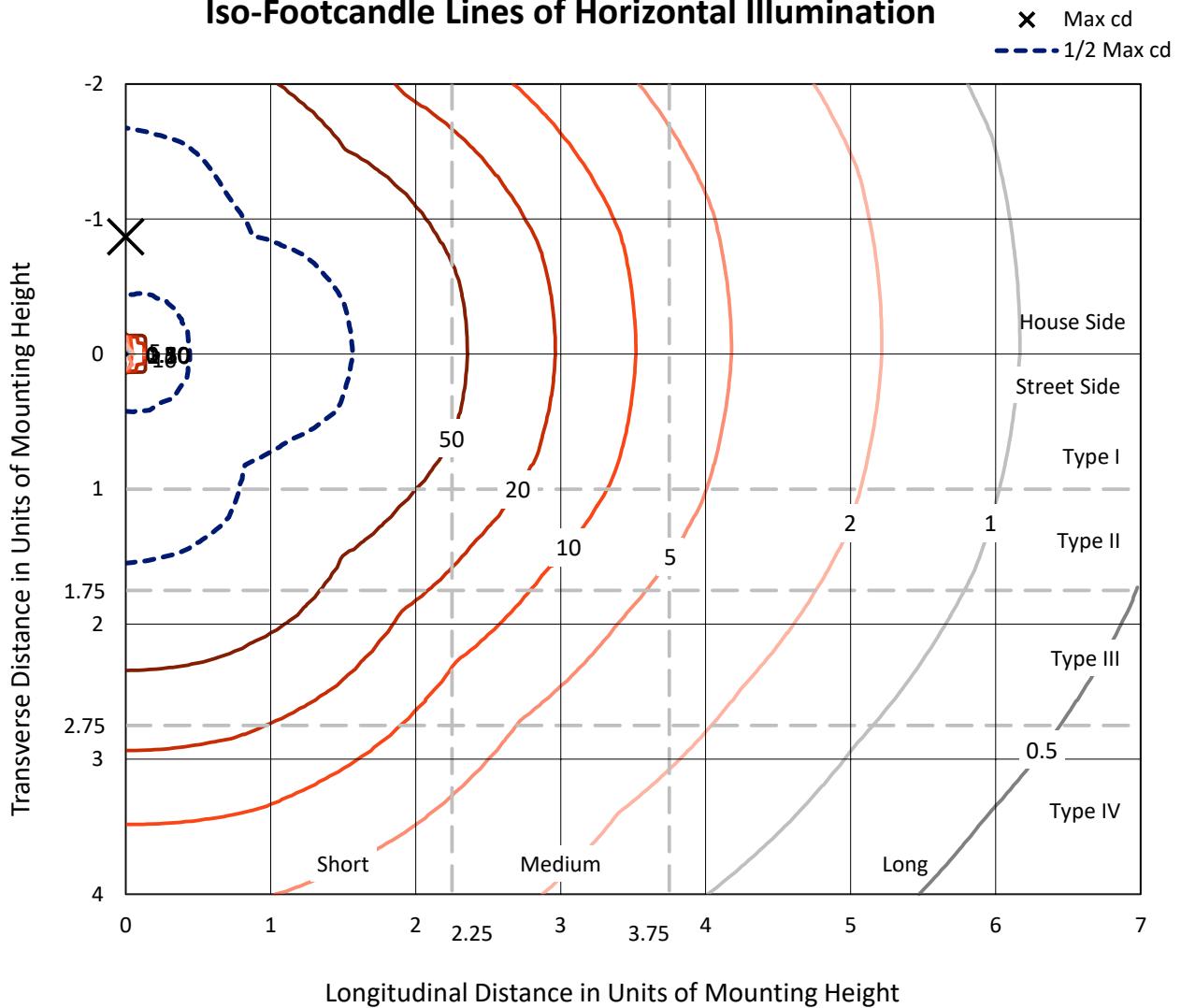
Summary

Lumens per Lamp: 1375.2 (1 lamp)
Luminaire Lumens: 1923.7 lumens
Efficiency: 139.9%
Efficacy: 97.7 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): 19.7
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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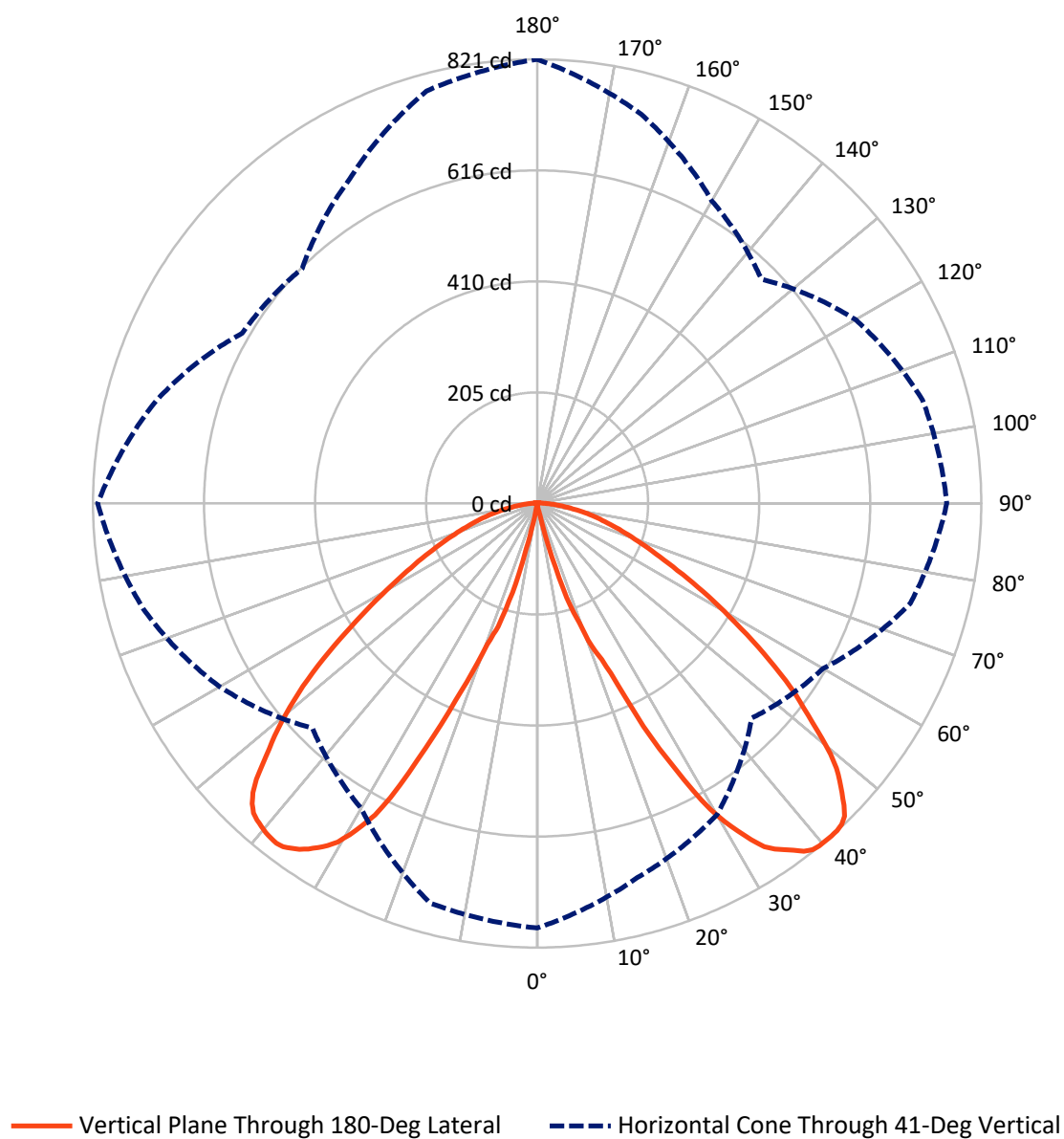
Iso-Footcandle Lines of Horizontal Illumination



Based on 0.5 foot mounting height. Maximum calculated value = 1808.8 fc
 Type V - Short - Cutoff

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Luminous Intensity Polar Plot



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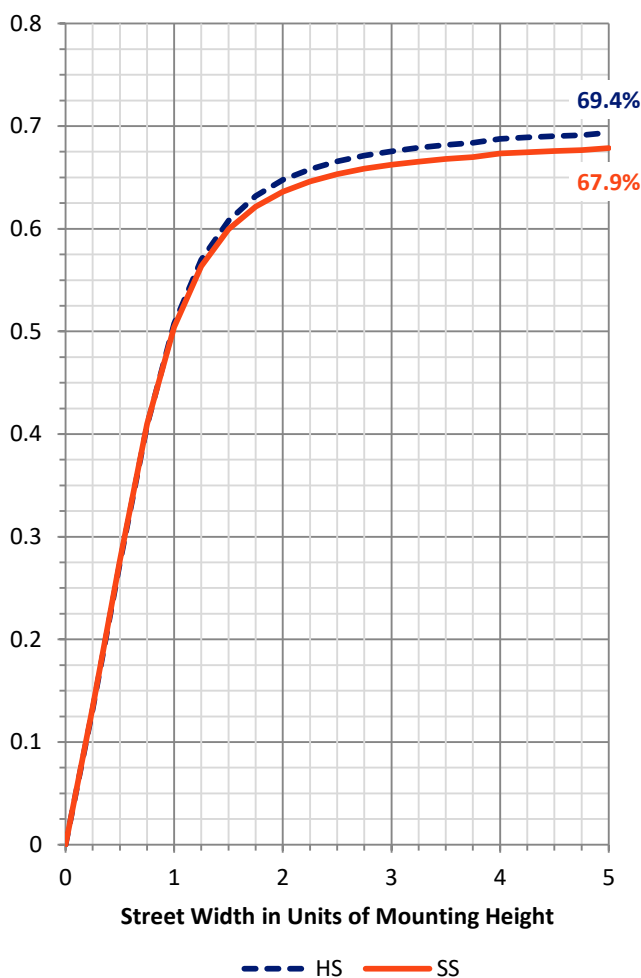
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	963.2	10.7	974.0
	% Lamp	70.0	0.8	70.8
Street Side	Lumens	939.7	10.1	949.7
	% Lamp	68.3	0.7	69.1
Total	Lumens	1902.9	20.8	1923.7
	% Lamp	138.4	1.5	139.9

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.2	0.0	0.0
10°-20°	38.3	2.0	2.8
20°-30°	208.9	10.9	15.2
30°-40°	422.8	22.0	30.7
40°-50°	498.3	25.9	36.2
50°-60°	375.8	19.5	27.3
60°-70°	215.1	11.2	15.6
70°-80°	108.7	5.7	7.9
80°-90°	34.8	1.8	2.5
90°-100°	8.0	0.4	0.6
100°-110°	4.2	0.2	0.3
110°-120°	2.9	0.2	0.2
120°-130°	2.1	0.1	0.2
130°-140°	1.6	0.1	0.1
140°-150°	1.1	0.1	0.1
150°-160°	0.6	0.0	0.0
160°-170°	0.3	0.0	0.0
170°-180°	0.1	0.0	0.0
0°-90°	1902.9	98.9	138.4
0°-180°	1923.7	100.0	139.9

Coefficient of Utilization



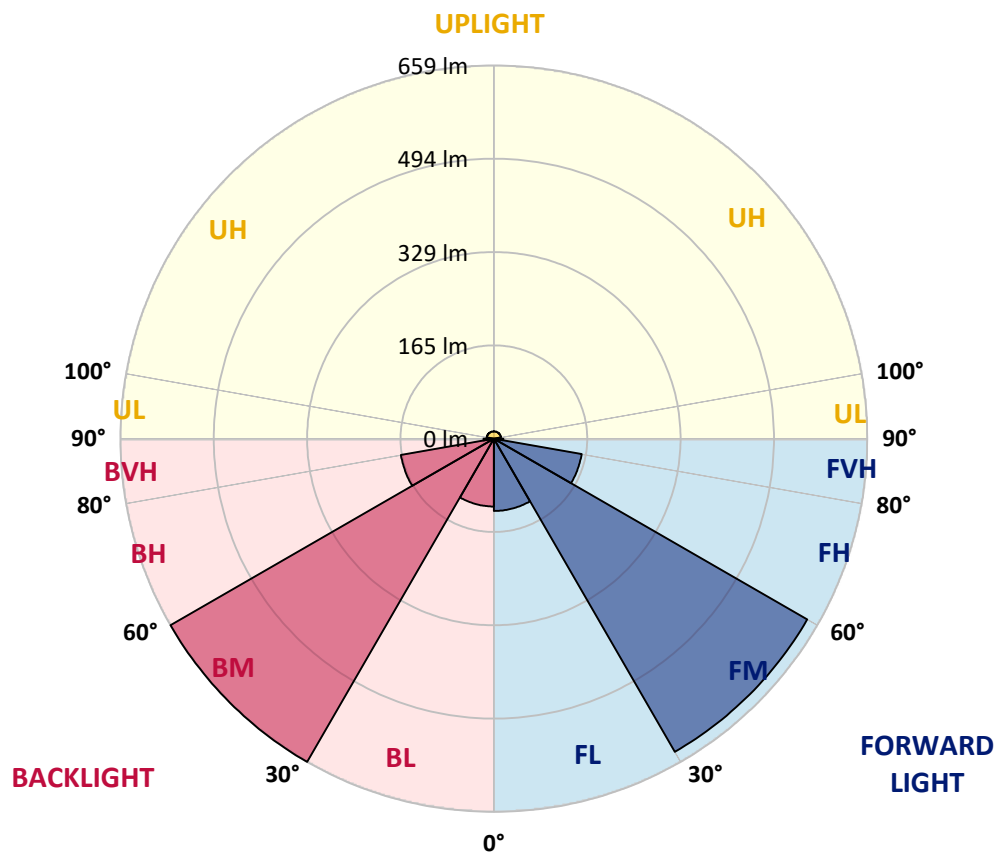
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	127.6	9.3			
FM	(30°-60°)	638.2	46.4			
FH	(60°-80°)	157.3	11.4			G0/660
FVH	(80°-90°)	16.5	1.2			G1/100
BL	(0°-30°)	119.7	8.7	B1/500		
BM	(30°-60°)	658.7	47.9	B1/1000		
BH	(60°-80°)	166.5	12.1	B1/500		G0/660
BVH	(80°-90°)	18.3	1.3			G1/100
UL	(90°-100°)	8.0	0.6		U1/10	
UH	(100°-180°)	12.9	0.9		U2/50	
Trapped Light		-548.5	-39.9			

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	0.2	0.1	0.1
5°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3
6°	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6
7°	1.2	1.3	1.2	1.1	1.1	1.1	1.0	0.9	0.9	0.9	0.8
8°	2.6	2.8	3.1	2.8	2.5	2.3	1.9	1.7	1.6	1.5	1.3
9°	4.8	4.8	4.7	4.9	4.6	4.1	3.9	3.9	3.7	3.6	3.2
10°	8.0	7.8	7.8	8.2	7.6	7.0	8.1	8.0	7.9	7.7	5.3
11°	13.6	12.8	13.5	14.3	13.9	12.3	12.2	12.1	12.1	11.8	9.9
12°	37.3	36.6	42.5	44.5	42.7	35.6	16.5	16.2	16.5	15.9	14.7
13°	61.6	60.8	71.7	75.0	71.5	59.0	27.5	27.6	26.7	25.5	23.2
14°	85.8	85.0	100.8	105.5	100.4	82.5	67.7	68.6	65.8	68.9	65.4
15°	135.7	128.4	137.1	153.2	145.7	122.0	107.8	109.7	104.9	112.4	107.6
16°	171.0	162.9	166.5	184.4	168.5	158.8	147.9	150.6	143.7	155.6	149.7
17°	203.5	194.5	194.6	198.3	193.4	191.4	180.4	187.7	171.3	186.7	175.4
18°	238.1	228.4	226.6	209.6	209.9	214.6	205.1	210.5	187.8	203.3	194.8
19°	255.0	244.8	244.6	220.8	223.0	241.4	232.0	237.2	212.1	214.8	213.0
20°	276.4	265.0	265.5	234.1	237.7	266.6	256.8	265.9	244.6	226.3	239.4
21°	315.3	303.9	305.6	256.3	259.2	299.7	280.8	289.3	268.8	239.3	256.8
22°	354.5	343.1	345.9	302.1	306.6	333.0	308.1	316.2	295.5	261.9	275.6
23°	393.1	382.3	386.3	348.3	354.4	366.2	351.6	357.3	337.9	297.4	307.4
24°	445.4	430.6	441.4	394.6	402.2	412.7	400.7	409.6	392.2	347.0	356.2
25°	496.8	470.4	479.2	437.5	451.1	455.7	457.1	458.7	448.6	399.7	413.9
26°	551.4	513.4	505.9	472.5	494.5	490.4	508.6	503.9	481.1	435.4	463.0
27°	607.5	545.3	528.9	505.2	521.5	522.0	555.8	541.3	507.4	468.8	504.5
28°	649.3	573.0	548.2	525.9	543.6	557.3	599.3	570.0	530.6	499.6	530.9
29°	676.9	604.5	570.6	538.7	561.3	588.7	634.2	599.6	551.1	519.2	551.2
30°	703.4	625.0	593.9	548.3	571.1	608.5	657.1	627.6	576.2	535.6	569.8
31°	726.2	638.0	607.3	554.2	579.6	631.2	677.6	648.1	601.7	548.8	584.5
32°	741.5	651.2	620.1	562.2	588.3	653.1	698.9	664.3	617.7	559.5	595.8
33°	753.9	671.8	633.0	570.3	597.3	668.8	715.0	681.5	630.9	569.3	604.9
34°	765.7	693.2	643.9	574.1	604.6	682.0	725.4	697.8	642.3	577.9	613.8
35°	775.3	707.6	651.8	575.6	611.7	692.9	734.9	713.3	653.0	585.2	622.6
36°	782.6	715.7	656.9	574.9	616.2	701.2	743.5	725.1	661.3	591.2	629.5
37°	789.1	720.9	660.0	573.3	618.1	706.1	751.0	731.7	665.7	594.1	636.0
38°	791.7	721.8	661.9	570.8	617.1	709.0	756.2	733.9	667.2	593.5	639.8
39°	790.3	721.8	663.7	568.6	616.0	711.6	758.3	736.0	670.5	591.5	641.2
40°	788.3	720.9	666.2	566.5	613.5	713.8	758.1	737.9	674.6	589.0	643.6
41°	784.5	715.9	664.1	560.8	610.1	713.7	756.9	737.4	679.4	586.0	645.6
42°	781.3	711.2	659.0	551.7	603.3	711.8	752.6	732.6	680.4	584.0	643.6
43°	775.7	705.2	649.7	538.8	594.1	705.2	745.6	723.6	673.2	578.3	637.8
44°	765.1	696.7	637.2	524.0	580.3	694.3	734.7	708.6	660.1	566.3	626.3

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	749.3	683.0	620.2	506.5	565.8	680.5	721.5	693.4	641.5	548.9	612.4
46°	727.4	663.9	599.3	484.0	545.0	663.0	705.5	677.6	621.8	528.0	595.8
47°	698.7	638.5	574.2	457.6	522.5	643.5	686.8	660.5	602.6	504.2	576.7
48°	671.5	615.6	550.5	434.1	500.1	623.5	663.9	639.7	581.6	483.4	554.4
49°	647.7	596.6	530.9	413.7	479.3	599.1	638.1	614.8	556.9	461.3	530.5
50°	620.9	574.4	513.3	391.8	455.7	574.5	610.2	588.4	531.5	436.7	506.0
51°	592.1	549.8	492.2	369.7	434.8	552.4	582.7	564.2	508.4	411.6	479.5
52°	563.5	525.4	471.1	349.8	414.2	528.6	557.1	539.1	486.4	388.2	454.5
53°	534.4	500.9	449.5	330.3	394.1	504.9	531.4	513.9	463.4	366.3	431.6
54°	503.7	474.7	425.9	309.5	371.8	480.1	504.4	489.4	440.2	343.2	409.1
55°	472.1	448.9	401.5	289.3	350.6	455.0	475.9	465.4	416.4	319.0	387.2
56°	441.7	424.3	378.0	269.1	329.4	428.5	448.4	440.4	392.5	294.8	364.6
57°	412.0	398.8	354.9	251.6	307.7	401.5	419.9	414.7	367.4	270.6	343.8
58°	384.8	374.5	333.3	235.6	288.4	375.7	392.8	388.2	343.3	252.1	322.5
59°	358.8	352.0	312.3	221.8	270.1	351.0	367.9	364.4	321.7	236.9	301.1
60°	333.5	330.0	293.1	209.2	253.4	328.9	344.2	342.3	300.1	222.8	279.8
61°	310.8	309.1	274.6	197.9	237.9	307.7	321.8	321.2	278.6	209.4	261.2
62°	290.0	289.6	256.9	187.1	223.4	287.2	299.5	300.1	259.4	196.9	243.9
63°	270.9	270.0	240.4	176.3	209.3	268.3	277.2	279.1	241.4	185.1	226.9
64°	252.6	251.7	224.2	166.1	196.0	249.4	259.2	259.7	224.8	174.3	210.9
65°	235.4	234.4	209.1	156.7	184.0	233.0	241.1	242.1	209.2	164.1	196.1
66°	219.2	218.4	194.6	147.9	172.1	217.4	224.8	225.3	194.4	154.2	182.5
67°	204.0	203.3	181.1	139.0	160.8	202.5	209.2	209.8	180.7	144.9	169.7
68°	189.8	189.1	168.0	131.0	149.9	188.1	194.8	195.2	168.1	135.7	158.0
69°	175.6	175.5	155.7	122.9	139.5	174.9	181.3	182.0	156.4	127.3	147.3
70°	162.8	162.8	144.7	114.9	130.2	162.6	168.6	169.0	145.7	119.3	137.4
71°	150.7	151.2	135.9	107.6	121.0	150.4	156.4	157.1	135.4	111.6	127.7
72°	139.4	140.3	125.3	100.7	111.8	139.3	145.1	145.6	125.9	104.2	119.4
73°	129.1	130.0	114.6	94.1	103.7	129.1	134.0	134.7	116.9	97.4	111.5
74°	118.7	119.8	106.0	87.4	96.4	119.0	123.6	124.3	108.5	91.2	103.9
75°	108.4	109.5	97.5	80.8	89.3	108.8	113.6	114.6	100.5	85.3	96.8
76°	99.2	99.9	88.9	74.1	82.1	99.0	104.1	105.0	92.6	79.1	89.8
77°	89.8	90.1	79.8	67.5	74.5	89.8	94.5	95.2	84.3	72.4	82.1
78°	80.6	80.7	71.5	60.7	66.8	80.8	84.9	85.7	76.1	65.2	74.0
79°	71.7	72.1	63.6	54.0	59.5	72.1	76.0	77.0	68.0	58.1	66.0
80°	63.3	63.8	56.2	47.5	52.6	63.7	67.3	68.3	60.3	51.1	58.4
81°	54.9	55.6	49.0	41.1	45.7	55.4	59.2	60.1	52.9	44.4	51.2
82°	47.8	48.0	42.5	35.3	39.6	48.0	51.3	52.1	46.0	38.3	44.5
83°	41.5	41.8	37.2	30.8	34.4	41.6	44.5	45.3	40.2	33.3	38.7
84°	35.9	36.1	32.3	26.7	29.9	35.8	38.5	39.2	35.0	29.4	33.8
85°	30.7	30.8	27.5	23.0	25.6	30.5	33.3	33.9	30.3	25.4	29.4
86°	25.8	25.9	23.1	19.6	21.6	25.7	28.1	28.5	25.7	21.4	24.9
87°	21.5	21.4	19.1	16.6	18.0	21.3	22.9	23.2	21.1	18.1	20.6
88°	17.8	17.5	15.8	14.5	15.0	17.3	18.7	18.9	17.5	15.1	17.1
89°	15.0	14.6	13.9	12.4	13.0	14.4	15.6	15.5	14.5	12.6	14.3

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	13.1	12.7	12.0	10.3	11.1	12.5	13.4	13.2	12.5	10.9	12.4
91°	11.2	10.9	10.2	9.2	9.7	10.6	11.6	11.5	10.9	9.7	10.8
92°	9.7	9.4	9.0	8.3	8.5	9.2	10.0	9.9	9.5	8.8	9.4
93°	8.3	8.1	7.8	7.5	7.5	7.8	8.6	8.5	8.3	7.9	8.3
94°	7.3	7.0	6.8	6.7	6.7	6.8	7.5	7.3	7.2	7.1	7.3
95°	6.5	6.3	6.1	5.9	6.0	6.1	6.7	6.5	6.4	6.3	6.4
96°	6.1	5.9	5.6	5.5	5.5	5.7	6.2	6.1	5.8	5.7	5.8
97°	5.7	5.6	5.4	5.2	5.3	5.4	5.9	5.7	5.5	5.4	5.5
98°	5.5	5.3	5.1	5.0	5.0	5.2	5.6	5.5	5.3	5.1	5.3
99°	5.2	5.1	4.9	4.7	4.8	4.9	5.4	5.2	5.0	4.9	5.0
100°	5.0	4.9	4.7	4.5	4.6	4.7	5.1	5.0	4.8	4.7	4.8
101°	4.8	4.7	4.5	4.4	4.4	4.5	4.9	4.8	4.6	4.5	4.6
102°	4.6	4.5	4.3	4.2	4.2	4.4	4.7	4.6	4.5	4.3	4.4
103°	4.4	4.3	4.1	4.0	4.1	4.2	4.5	4.4	4.3	4.2	4.3
104°	4.2	4.1	4.0	3.9	3.9	4.0	4.4	4.3	4.1	4.0	4.1
105°	4.0	4.0	3.8	3.7	3.8	3.9	4.2	4.1	4.0	3.9	4.0
106°	3.9	3.8	3.7	3.6	3.6	3.8	4.0	4.0	3.8	3.7	3.8
107°	3.7	3.7	3.6	3.5	3.5	3.6	3.9	3.8	3.7	3.6	3.7
108°	3.6	3.6	3.4	3.4	3.4	3.5	3.8	3.7	3.6	3.5	3.6
109°	3.5	3.4	3.3	3.3	3.3	3.4	3.6	3.6	3.5	3.4	3.5
110°	3.4	3.3	3.2	3.2	3.2	3.3	3.5	3.5	3.4	3.3	3.3
111°	3.3	3.2	3.1	3.1	3.1	3.2	3.4	3.4	3.3	3.2	3.2
112°	3.2	3.1	3.1	3.0	3.0	3.1	3.3	3.3	3.2	3.1	3.2
113°	3.1	3.1	3.0	2.9	2.9	3.0	3.2	3.2	3.1	3.0	3.1
114°	3.0	3.0	2.9	2.8	2.9	2.9	3.1	3.1	3.0	2.9	3.0
115°	2.9	2.9	2.8	2.8	2.8	2.9	3.0	3.0	2.9	2.9	2.9
116°	2.8	2.8	2.8	2.7	2.7	2.8	3.0	2.9	2.9	2.8	2.9
117°	2.8	2.7	2.7	2.6	2.7	2.7	2.9	2.9	2.8	2.7	2.8
118°	2.7	2.7	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.7	2.7
119°	2.6	2.6	2.6	2.5	2.6	2.6	2.7	2.7	2.7	2.6	2.7
120°	2.6	2.6	2.5	2.5	2.5	2.5	2.7	2.7	2.6	2.6	2.6
121°	2.5	2.5	2.5	2.4	2.5	2.5	2.6	2.6	2.6	2.5	2.6
122°	2.5	2.5	2.4	2.4	2.4	2.4	2.6	2.6	2.5	2.5	2.5
123°	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5
124°	2.4	2.4	2.3	2.3	2.3	2.4	2.5	2.5	2.4	2.4	2.5
125°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
126°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
127°	2.2	2.3	2.2	2.2	2.2	2.2	2.4	2.4	2.3	2.4	2.4
128°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
129°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
130°	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.2	2.2	2.3	2.3
131°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
132°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
133°	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.2	2.2	2.2
134°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2

REPORT NUMBER: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

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: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-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	0.1	0.1
4°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3
5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
6°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
7°	0.8	0.8	0.8	0.9	0.8	0.8	0.9	0.9	1.0	1.0	1.1
8°	1.2	1.2	1.3	1.3	1.4	1.5	1.6	1.8	2.0	2.6	2.8
9°	3.0	2.8	2.8	3.1	3.4	3.7	3.4	3.7	3.8	4.3	4.9
10°	4.9	4.9	4.9	5.2	5.6	5.6	5.7	6.1	6.5	7.0	7.7
11°	10.0	10.0	9.4	10.0	10.5	10.4	10.3	10.3	11.4	12.1	12.9
12°	15.0	15.2	14.0	14.8	15.4	15.4	15.0	16.4	32.4	37.9	40.5
13°	20.3	21.2	21.8	23.2	24.9	24.7	25.5	48.6	53.9	64.3	68.4
14°	43.6	61.8	62.4	66.9	69.7	68.7	63.9	80.9	75.4	90.7	96.3
15°	83.6	102.4	103.1	110.5	114.4	112.6	102.4	113.2	114.6	134.5	144.8
16°	123.7	143.1	143.6	153.7	159.2	156.2	140.8	155.8	150.6	158.6	180.8
17°	163.6	182.1	183.7	181.9	198.8	183.2	178.4	188.1	183.5	184.9	201.5
18°	190.0	212.4	212.7	199.7	221.3	198.1	197.7	212.8	213.0	212.7	216.3
19°	210.2	234.2	236.8	221.8	234.8	216.8	223.3	238.7	238.6	235.2	227.8
20°	243.7	269.7	271.9	254.6	246.5	238.9	253.2	263.0	262.4	255.3	239.5
21°	266.3	293.6	296.3	275.7	258.9	253.7	272.2	284.2	296.6	277.2	256.2
22°	281.9	312.1	317.0	296.3	277.9	271.4	294.0	320.8	331.1	325.6	302.5
23°	308.8	342.0	350.7	335.4	312.2	306.5	335.4	357.8	365.6	374.0	349.3
24°	355.8	393.5	403.7	389.7	362.9	362.2	393.9	409.2	412.7	429.3	396.0
25°	410.8	456.3	462.5	451.4	419.9	429.8	449.7	466.6	459.5	467.2	436.3
26°	455.2	506.3	505.6	484.3	465.3	479.1	490.8	518.3	504.9	491.9	471.0
27°	490.6	552.3	544.9	510.2	506.0	520.7	517.9	570.6	536.8	519.0	506.5
28°	525.8	604.7	574.4	535.8	537.6	548.7	548.5	620.3	568.2	546.3	530.7
29°	565.3	649.4	605.3	566.5	561.3	568.6	583.6	659.9	601.2	573.6	548.0
30°	600.7	682.1	639.7	598.3	578.5	583.7	612.1	685.9	633.0	599.8	561.8
31°	627.7	709.9	670.8	618.1	592.7	597.7	638.8	709.7	651.8	616.1	572.2
32°	656.8	736.6	692.8	631.7	602.3	607.8	663.2	735.5	667.8	626.2	580.0
33°	677.9	760.8	715.9	642.9	611.5	614.0	677.7	758.1	688.5	635.9	587.3
34°	691.3	775.0	734.4	653.4	619.2	619.1	688.2	771.1	707.5	646.4	594.2
35°	702.8	785.5	746.9	664.0	625.4	624.6	699.8	783.3	721.7	656.6	599.8
36°	715.0	797.1	760.2	673.1	629.2	630.1	709.9	793.2	734.8	665.9	602.4
37°	725.2	810.1	771.4	680.7	631.3	632.6	717.0	804.1	743.3	671.9	601.9
38°	731.2	817.5	780.1	687.4	628.4	632.5	721.7	811.0	748.3	674.1	597.8
39°	734.3	819.9	782.9	688.9	622.5	631.1	724.4	812.9	750.9	674.9	594.1
40°	738.7	820.1	786.1	690.5	617.3	630.7	727.2	812.9	753.1	676.1	590.8
41°	744.3	820.7	789.2	692.6	614.0	629.2	729.8	812.1	753.4	677.2	587.1
42°	746.7	820.2	791.3	692.4	609.6	625.2	729.4	809.2	751.2	675.9	581.3
43°	743.4	817.7	786.1	687.9	602.2	618.2	723.8	803.4	743.7	670.8	570.4
44°	734.4	810.5	776.0	676.7	587.8	604.2	712.8	794.2	731.5	658.8	554.1

REPORT NUMBER: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	720.1	795.1	758.6	659.4	567.5	584.6	697.6	780.8	716.3	641.7	534.8
46°	704.4	776.3	740.4	639.2	543.9	563.7	682.0	764.7	700.7	622.7	511.2
47°	690.7	758.2	724.5	618.3	519.3	541.6	664.4	742.9	681.8	600.2	483.9
48°	674.5	738.6	704.9	595.8	495.4	518.3	643.0	718.1	661.6	577.6	456.9
49°	652.6	713.4	681.9	573.9	471.5	492.0	617.9	690.5	636.0	554.2	432.1
50°	626.5	682.3	654.4	546.7	440.9	464.4	594.4	663.0	610.1	529.8	407.0
51°	597.5	650.0	624.9	520.1	410.9	437.2	569.7	633.2	583.6	509.1	382.6
52°	572.2	621.6	597.3	498.5	385.0	414.4	544.5	602.8	558.5	488.6	357.6
53°	548.2	594.3	570.9	477.5	362.5	393.0	522.2	574.3	531.1	468.0	334.2
54°	521.6	564.3	542.8	455.5	336.5	371.3	499.5	544.8	503.7	445.5	310.6
55°	495.3	533.1	514.6	431.9	310.5	350.7	475.4	514.1	477.0	421.4	287.8
56°	468.8	502.3	486.1	406.8	284.6	331.3	450.2	480.5	448.5	395.9	265.7
57°	441.8	472.2	457.9	381.1	264.8	311.3	423.8	448.2	420.7	369.2	245.9
58°	414.2	441.6	429.4	355.3	246.0	291.4	397.6	417.5	392.9	343.4	228.8
59°	385.7	413.1	401.1	331.7	230.3	271.5	372.9	388.7	366.7	320.7	214.6
60°	359.1	386.0	375.3	308.1	215.9	252.9	349.5	362.0	342.6	298.6	201.6
61°	334.6	360.4	351.1	284.5	203.0	235.6	327.1	337.8	320.2	277.1	189.9
62°	310.3	334.8	328.0	264.6	191.0	220.1	304.7	314.7	298.3	256.5	179.0
63°	286.2	311.0	304.9	245.0	179.2	205.5	282.4	292.7	277.3	238.0	168.6
64°	265.3	287.2	281.9	227.0	168.3	191.7	262.1	272.4	257.8	220.1	158.4
65°	245.8	266.5	261.8	211.0	158.0	178.8	243.7	253.8	240.2	203.8	148.9
66°	228.0	247.3	243.2	195.9	148.0	167.1	226.9	236.2	223.9	188.9	139.8
67°	212.3	229.9	225.5	181.9	139.0	156.3	210.9	219.6	208.0	175.2	131.4
68°	197.1	214.0	209.4	169.1	130.0	146.1	195.6	203.8	192.9	161.8	122.9
69°	183.3	199.0	194.7	157.1	121.8	136.3	181.8	189.6	179.0	149.0	114.5
70°	170.4	184.7	180.7	146.0	113.8	127.6	169.0	176.0	166.1	137.8	107.1
71°	158.1	171.6	167.7	135.9	106.6	119.6	157.0	163.3	153.9	128.2	100.0
72°	146.8	159.2	155.2	126.2	99.7	112.4	146.1	150.8	142.4	118.6	93.8
73°	136.0	146.7	142.9	116.9	93.3	105.3	135.4	139.3	132.2	109.0	87.6
74°	126.2	135.3	132.2	108.6	87.2	98.4	125.5	129.0	122.0	101.0	82.2
75°	116.9	124.7	121.8	100.9	81.3	92.1	116.2	118.6	111.8	93.5	76.6
76°	107.8	114.5	111.7	93.5	75.3	85.5	107.0	108.2	102.9	85.7	70.9
77°	98.1	104.5	102.0	85.8	69.1	78.5	97.3	98.9	93.6	77.2	64.2
78°	88.6	94.3	92.1	77.7	62.5	70.2	87.4	89.4	84.5	69.2	57.4
79°	79.3	84.8	83.0	69.9	56.0	62.9	78.3	80.1	75.5	61.5	51.0
80°	70.0	75.1	73.7	61.9	49.6	55.6	69.4	71.0	67.0	54.3	44.6
81°	61.5	66.2	64.9	54.4	43.5	48.9	60.9	62.2	58.8	47.5	38.9
82°	53.5	57.6	56.8	47.6	37.5	42.5	52.9	53.6	51.0	41.2	33.2
83°	46.7	50.1	49.4	41.5	33.2	36.8	45.6	46.3	44.0	35.7	28.9
84°	40.3	43.4	42.7	35.9	28.8	32.5	39.5	39.8	37.9	31.0	25.2
85°	34.6	37.1	36.5	31.4	24.5	28.2	34.2	34.0	32.6	26.7	21.8
86°	29.7	31.8	31.3	26.8	21.1	23.9	28.9	28.6	27.6	22.7	18.7
87°	24.8	26.5	26.1	22.2	18.0	20.2	23.7	23.7	23.0	19.1	15.9
88°	19.9	21.3	21.0	18.5	15.2	16.9	19.4	19.4	18.7	16.0	14.0
89°	16.3	17.4	17.0	15.4	12.9	14.4	15.9	15.9	15.3	14.1	12.2

REPORT NUMBER: P1192962
CATALOG NUMBER: BOL42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	13.8	14.8	14.5	13.3	11.5	12.5	13.5	13.9	13.5	12.2	10.3
91°	11.9	12.7	12.5	11.6	10.3	11.0	11.6	11.9	11.6	10.3	9.3
92°	10.3	10.9	10.8	10.2	9.3	9.7	10.0	9.9	9.8	9.1	8.4
93°	8.8	9.3	9.3	9.0	8.4	8.6	8.6	8.5	8.4	7.9	7.6
94°	7.5	8.0	8.0	7.9	7.6	7.6	7.3	7.4	7.2	6.9	6.8
95°	6.6	7.1	7.1	7.0	6.8	6.7	6.4	6.5	6.3	6.1	6.0
96°	6.0	6.5	6.4	6.3	6.1	6.1	5.9	5.9	5.8	5.6	5.4
97°	5.7	6.1	6.0	5.9	5.7	5.6	5.5	5.6	5.4	5.2	5.1
98°	5.4	5.8	5.7	5.6	5.4	5.4	5.3	5.3	5.2	5.0	4.9
99°	5.2	5.6	5.5	5.3	5.1	5.1	5.1	5.1	4.9	4.8	4.7
100°	5.0	5.3	5.2	5.1	4.9	4.9	4.8	4.8	4.7	4.6	4.5
101°	4.8	5.1	5.0	4.9	4.7	4.7	4.6	4.6	4.5	4.4	4.3
102°	4.6	4.9	4.8	4.7	4.5	4.5	4.5	4.4	4.3	4.2	4.1
103°	4.4	4.7	4.6	4.5	4.3	4.3	4.3	4.3	4.2	4.0	3.9
104°	4.3	4.5	4.4	4.3	4.2	4.1	4.1	4.1	4.0	3.9	3.8
105°	4.1	4.3	4.3	4.1	4.0	4.0	4.0	3.9	3.8	3.7	3.6
106°	4.0	4.1	4.1	4.0	3.8	3.8	3.8	3.8	3.7	3.6	3.5
107°	3.8	4.0	4.0	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.4
108°	3.7	3.9	3.8	3.7	3.6	3.6	3.6	3.5	3.4	3.3	3.3
109°	3.6	3.7	3.7	3.6	3.5	3.4	3.5	3.4	3.3	3.2	3.2
110°	3.5	3.6	3.6	3.5	3.3	3.3	3.4	3.3	3.2	3.1	3.1
111°	3.4	3.5	3.5	3.3	3.2	3.2	3.3	3.2	3.1	3.0	3.0
112°	3.3	3.4	3.4	3.2	3.1	3.1	3.2	3.1	3.0	3.0	2.9
113°	3.2	3.3	3.3	3.2	3.0	3.0	3.1	3.0	2.9	2.9	2.8
114°	3.1	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8
115°	3.0	3.1	3.1	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7
116°	2.9	3.0	3.0	2.9	2.8	2.8	2.9	2.8	2.7	2.7	2.6
117°	2.9	2.9	2.9	2.8	2.7	2.7	2.8	2.7	2.6	2.6	2.6
118°	2.8	2.9	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5
119°	2.7	2.8	2.8	2.7	2.6	2.6	2.7	2.6	2.5	2.5	2.5
120°	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.4
121°	2.6	2.7	2.7	2.6	2.5	2.5	2.6	2.5	2.4	2.4	2.4
122°	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3
123°	2.5	2.6	2.6	2.5	2.4	2.4	2.5	2.4	2.3	2.3	2.3
124°	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3
125°	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.2	2.2	2.2
126°	2.4	2.4	2.4	2.4	2.3	2.3	2.4	2.2	2.2	2.2	2.2
127°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
128°	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1
129°	2.3	2.3	2.3	2.3	2.2	2.2	2.3	2.1	2.1	2.1	2.1
130°	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
131°	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.1
132°	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.0	2.0	2.0	2.0
133°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
134°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0

REPORT NUMBER: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

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

REPORT NUMBER: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-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°	0.3	0.3	0.3
5°	0.6	0.6	0.6
6°	0.8	0.9	0.9
7°	1.2	1.3	1.2
8°	2.9	2.8	2.6
9°	4.9	4.8	4.8
10°	7.9	8.2	8.0
11°	13.9	14.1	13.6
12°	41.6	39.9	37.3
13°	69.8	66.1	61.6
14°	97.9	92.2	85.8
15°	143.6	139.6	135.7
16°	171.3	176.2	171.0
17°	189.6	208.0	203.5
18°	212.5	242.3	238.1
19°	228.7	258.3	255.0
20°	247.2	278.2	276.4
21°	275.3	314.8	315.3
22°	320.0	352.0	354.5
23°	364.8	390.8	393.1
24°	409.7	439.6	445.4
25°	462.6	489.6	496.8
26°	510.8	532.0	551.4
27°	539.1	575.4	607.5
28°	560.0	612.6	649.3
29°	577.5	640.1	676.9
30°	591.4	664.3	703.4
31°	602.3	689.9	726.2
32°	612.1	709.3	741.5
33°	623.8	726.0	753.9
34°	635.2	740.3	765.7
35°	642.4	750.6	775.3
36°	648.2	757.0	782.6
37°	651.9	762.7	789.1
38°	653.8	765.1	791.7
39°	654.7	765.8	790.3
40°	653.8	766.0	788.3
41°	650.6	764.4	784.5
42°	643.2	759.3	781.3
43°	633.9	753.9	775.7
44°	621.5	744.3	765.1

REPORT NUMBER: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	607.7	730.4	749.3
46°	587.8	709.6	727.4
47°	561.2	681.8	698.7
48°	530.6	651.8	671.5
49°	504.0	628.9	647.7
50°	479.7	603.3	620.9
51°	451.5	573.9	592.1
52°	425.0	544.8	563.5
53°	400.8	518.6	534.4
54°	377.0	488.7	503.7
55°	353.7	457.7	472.1
56°	329.7	427.4	441.7
57°	306.1	398.2	412.0
58°	284.3	370.4	384.8
59°	264.4	343.9	358.8
60°	246.0	319.5	333.5
61°	230.4	297.3	310.8
62°	216.4	277.3	290.0
63°	202.5	258.9	270.9
64°	189.8	241.7	252.6
65°	178.1	225.7	235.4
66°	167.4	210.6	219.2
67°	157.1	196.3	204.0
68°	147.1	182.4	189.8
69°	137.4	169.3	175.6
70°	128.9	157.1	162.8
71°	120.5	145.6	150.7
72°	112.0	134.4	139.4
73°	104.7	124.7	129.1
74°	97.9	115.0	118.7
75°	90.9	105.7	108.4
76°	83.9	96.4	99.2
77°	76.4	87.4	89.8
78°	68.8	78.3	80.6
79°	61.2	69.6	71.7
80°	53.9	61.3	63.3
81°	47.0	53.4	54.9
82°	40.6	46.4	47.8
83°	35.4	40.1	41.5
84°	30.8	34.6	35.9
85°	26.5	29.5	30.7
86°	22.5	24.9	25.8
87°	18.8	20.8	21.5
88°	15.7	17.1	17.8
89°	13.9	14.4	15.0

REPORT NUMBER: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	12.1	12.6	13.1
91°	10.3	10.7	11.2
92°	9.0	9.2	9.7
93°	7.9	7.9	8.3
94°	6.9	6.9	7.3
95°	6.1	6.2	6.5
96°	5.5	5.7	6.1
97°	5.3	5.4	5.7
98°	5.0	5.2	5.5
99°	4.8	4.9	5.2
100°	4.6	4.7	5.0
101°	4.4	4.5	4.8
102°	4.2	4.3	4.6
103°	4.0	4.2	4.4
104°	3.9	4.0	4.2
105°	3.7	3.9	4.0
106°	3.6	3.7	3.9
107°	3.5	3.6	3.7
108°	3.3	3.5	3.6
109°	3.2	3.4	3.5
110°	3.1	3.3	3.4
111°	3.0	3.2	3.3
112°	3.0	3.1	3.2
113°	2.9	3.0	3.1
114°	2.8	2.9	3.0
115°	2.7	2.8	2.9
116°	2.7	2.8	2.8
117°	2.6	2.7	2.8
118°	2.5	2.6	2.7
119°	2.5	2.6	2.6
120°	2.4	2.5	2.6
121°	2.4	2.5	2.5
122°	2.3	2.4	2.5
123°	2.3	2.4	2.4
124°	2.3	2.3	2.4
125°	2.2	2.3	2.3
126°	2.2	2.3	2.3
127°	2.2	2.2	2.2
128°	2.1	2.2	2.2
129°	2.1	2.2	2.2
130°	2.1	2.1	2.1
131°	2.0	2.1	2.1
132°	2.0	2.1	2.1
133°	2.0	2.0	2.0
134°	2.0	2.0	2.0

REPORT NUMBER: P1192962
 CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	1.9	2.0	2.0
136°	1.9	1.9	1.9
137°	1.9	1.9	1.9
138°	1.8	1.9	1.9
139°	1.8	1.8	1.9
140°	1.8	1.8	1.8
141°	1.7	1.8	1.8
142°	1.7	1.7	1.8
143°	1.7	1.7	1.7
144°	1.6	1.7	1.7
145°	1.6	1.6	1.6
146°	1.6	1.6	1.6
147°	1.5	1.6	1.6
148°	1.5	1.5	1.5
149°	1.4	1.5	1.5
150°	1.4	1.5	1.5
151°	1.4	1.4	1.5
152°	1.4	1.4	1.4
153°	1.3	1.4	1.4
154°	1.3	1.3	1.4
155°	1.3	1.3	1.3
156°	1.2	1.3	1.3
157°	1.2	1.2	1.3
158°	1.2	1.2	1.2
159°	1.1	1.2	1.2
160°	1.1	1.1	1.2
161°	1.1	1.1	1.1
162°	1.0	1.1	1.1
163°	1.0	1.1	1.1
164°	1.0	1.0	1.1
165°	0.9	1.0	1.0
166°	0.9	1.0	1.0
167°	0.9	0.9	1.0
168°	0.9	0.9	0.9
169°	0.8	0.9	0.9
170°	0.8	0.8	0.9
171°	0.8	0.8	0.8
172°	0.7	0.8	0.8
173°	0.7	0.7	0.8
174°	0.7	0.7	0.7
175°	0.7	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: P1192962
CATALOG NUMBER: BOLF42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.6	0.6	0.6

(END OF REPORT)