

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: P1192964

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

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192964
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-25W-3000K
Description: Flat Top G6 Bollard, 42" length, 25W, BZ at 3000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

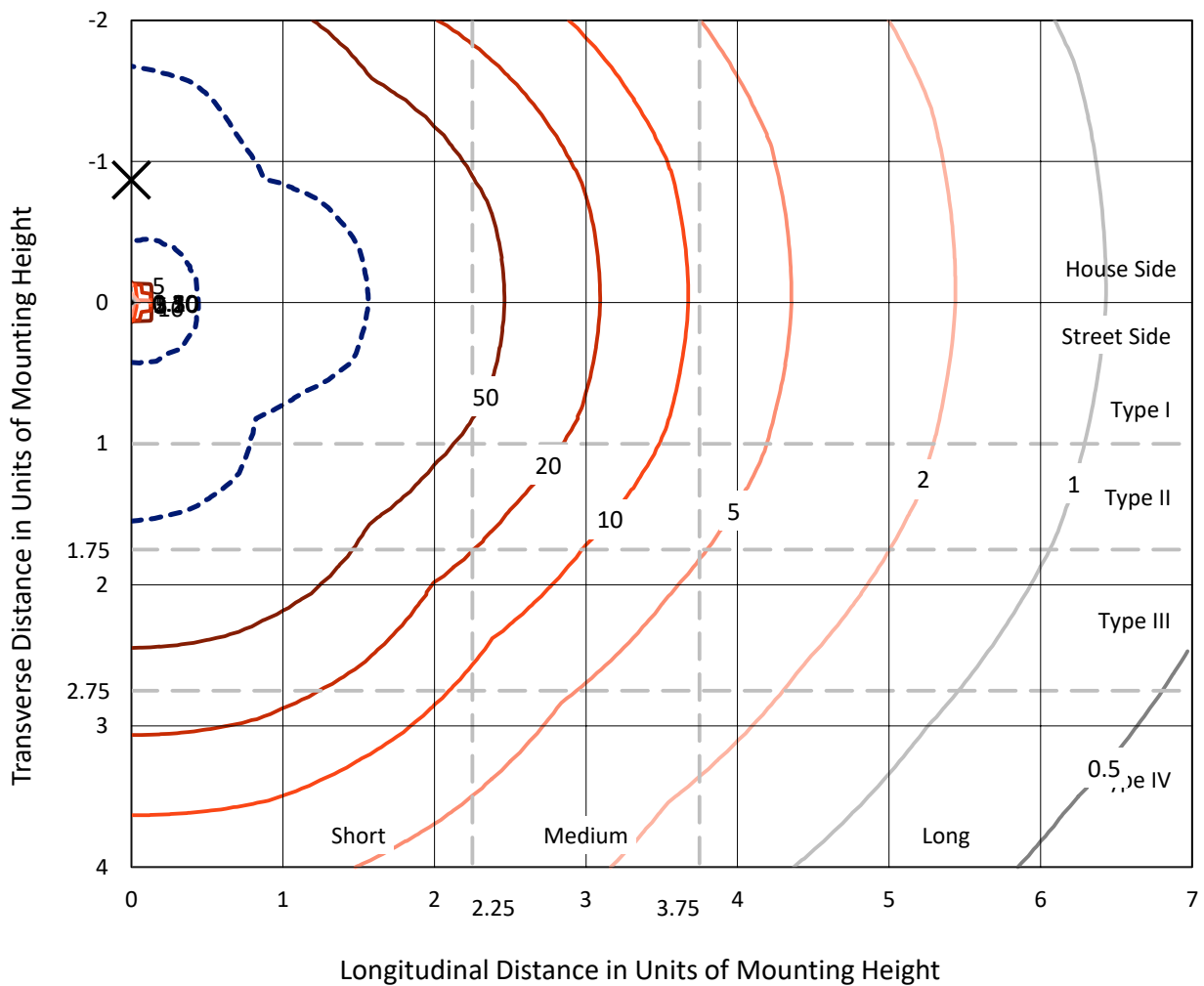
Lumens per Lamp: 1375.2 (1 lamp)
Luminaire Lumens: 2286.6 lumens
Efficiency: 166.3%
Efficacy: 87.9 lumens/watt
Luminous Opening: Point Source (0' x 0' x 0')
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U2 - G1

Input Watts (W): 26
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: P1192964
 CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

Iso-Footcandle Lines of Horizontal Illumination

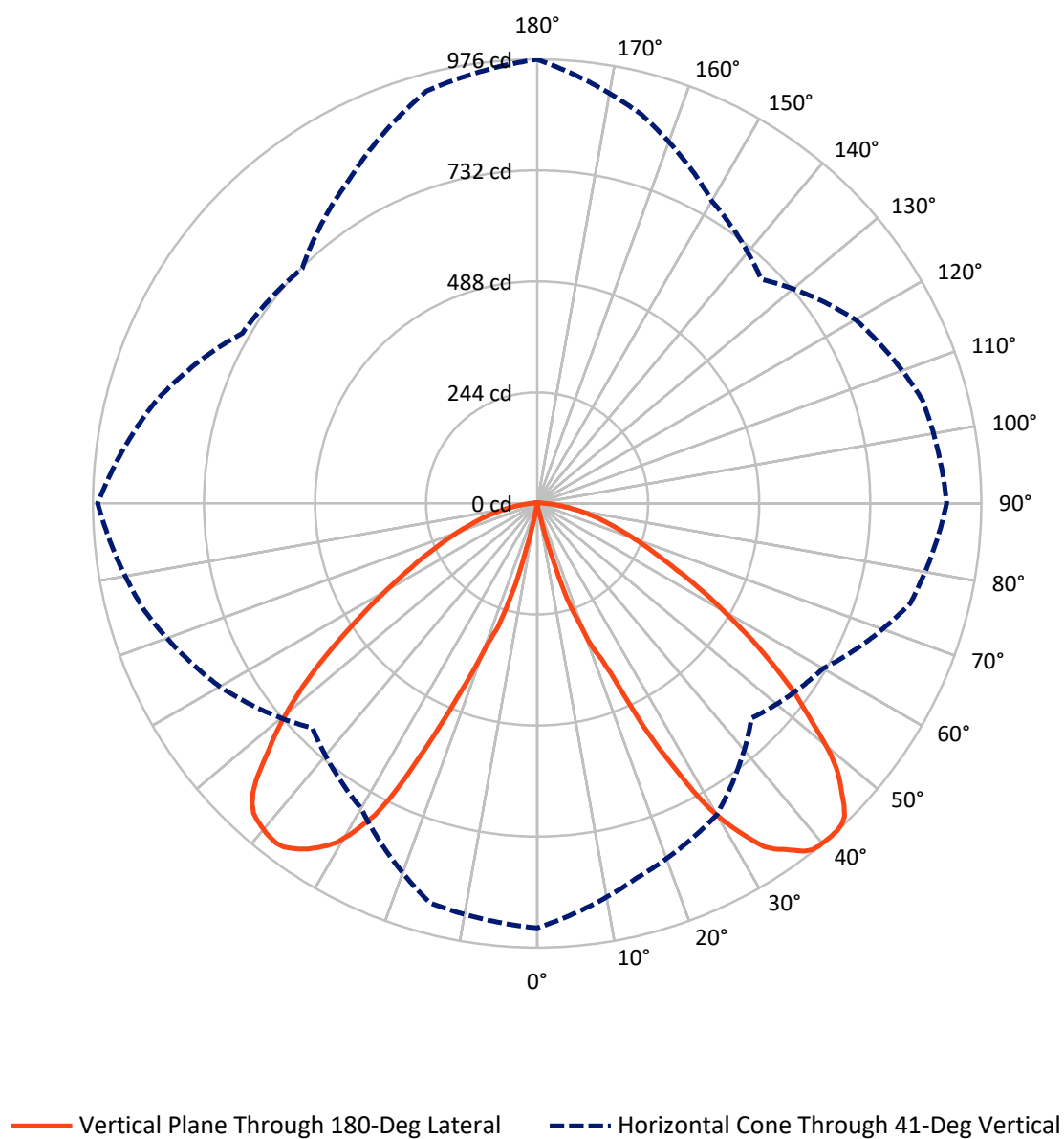
✕ Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 2150.1 fc
 Type V - Short - Cutoff

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

Luminous Intensity Polar Plot



REPORT NUMBER: P1192964
CATALOG NUMBER: BOL42-25S-BZ-25W-3000K

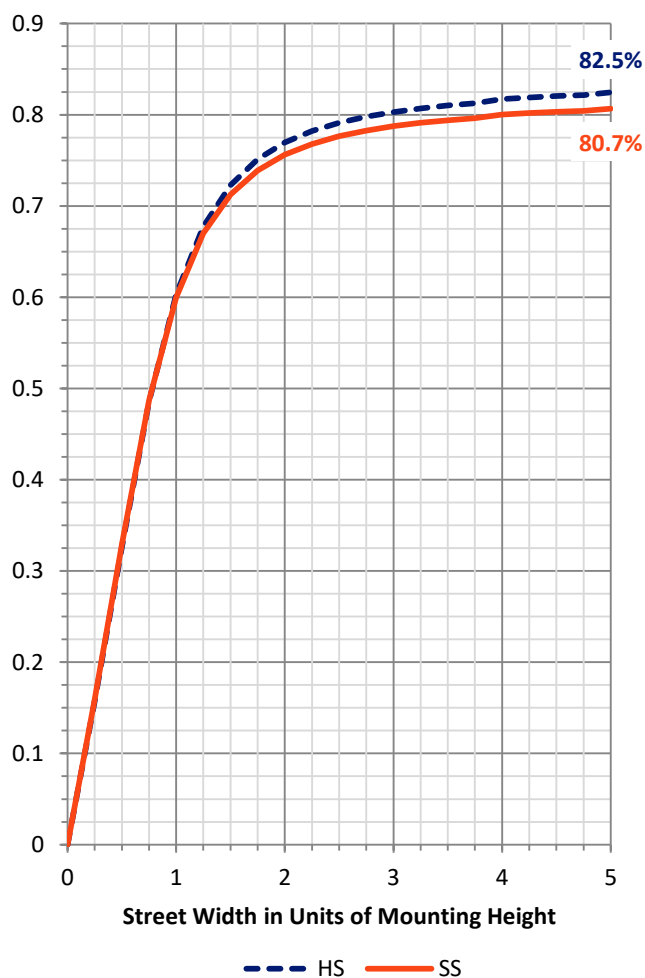
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1144.9	12.7	1157.7
	% Lamp	83.3	0.9	84.2
Street Side	Lumens	1116.9	12.0	1128.9
	% Lamp	81.2	0.9	82.1
Total	Lumens	2261.9	24.7	2286.6
	% Lamp	164.5	1.8	166.3

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.2	0.0	0.0
10°-20°	45.5	2.0	3.3
20°-30°	248.3	10.9	18.1
30°-40°	502.6	22.0	36.5
40°-50°	592.4	25.9	43.1
50°-60°	446.7	19.5	32.5
60°-70°	255.7	11.2	18.6
70°-80°	129.2	5.7	9.4
80°-90°	41.4	1.8	3.0
90°-100°	9.5	0.4	0.7
100°-110°	5.0	0.2	0.4
110°-120°	3.4	0.2	0.2
120°-130°	2.5	0.1	0.2
130°-140°	1.9	0.1	0.1
140°-150°	1.3	0.1	0.1
150°-160°	0.7	0.0	0.1
160°-170°	0.3	0.0	0.0
170°-180°	0.1	0.0	0.0
0°-90°	2261.9	98.9	164.5
0°-180°	2286.6	100.0	166.3

Coefficient of Utilization



REPORT NUMBER: P1192964

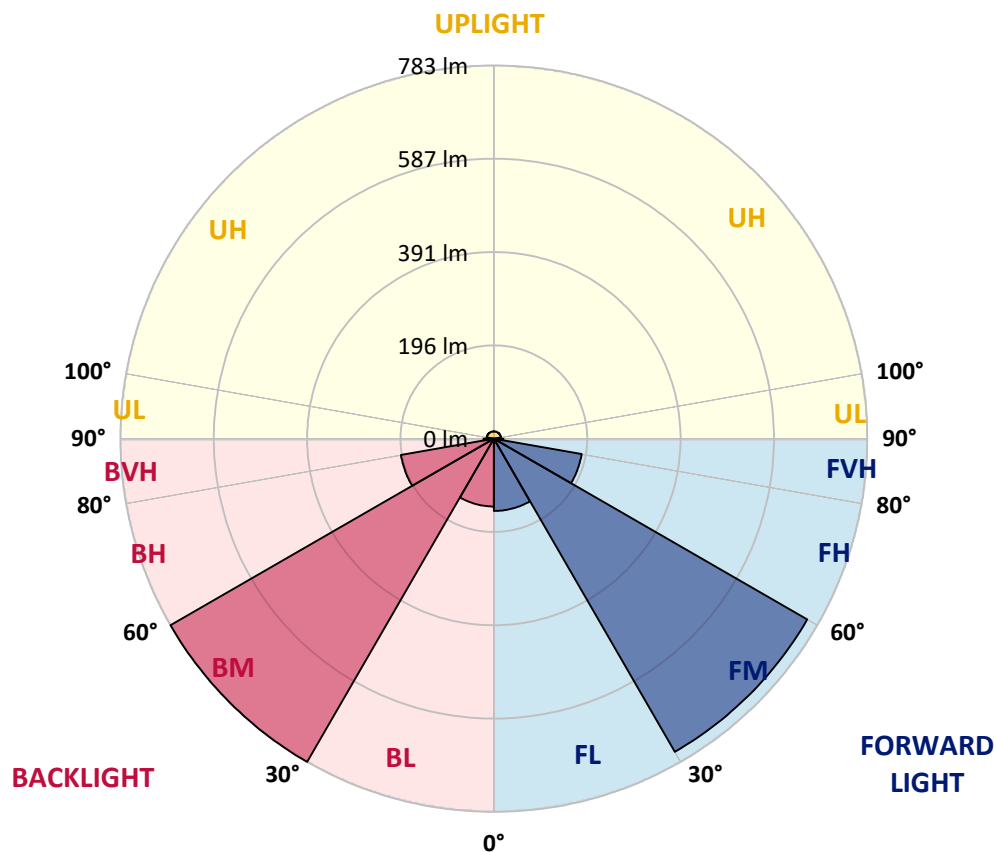
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	151.7	11.0			
FM	(30°-60°)	758.6	55.2			
FH	(60°-80°)	187.0	13.6			G0/660
FVH	(80°-90°)	19.6	1.4			G1/100
BL	(0°-30°)	142.3	10.3	B1/500		
BM	(30°-60°)	783.0	56.9	B1/1000		
BH	(60°-80°)	197.9	14.4	B1/500		G0/660
BVH	(80°-90°)	21.7	1.6			G1/100
UL	(90°-100°)	9.5	0.7		U1/10	
UH	(100°-180°)	15.3	1.1		U2/50	
Trapped Light		-911.4	-66.3			

BUG Rating: B1-U2-G1

Type V Short



REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-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	0.1	0.1	0.0	0.0	0.0
4°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1
5°	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4
6°	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7
7°	1.5	1.5	1.4	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0
8°	3.1	3.4	3.6	3.4	3.0	2.7	2.2	2.0	1.9	1.7	1.5
9°	5.8	5.7	5.6	5.9	5.4	4.8	4.6	4.6	4.4	4.3	3.9
10°	9.5	9.2	9.2	9.7	9.0	8.3	9.6	9.5	9.4	9.1	6.3
11°	16.2	15.2	16.0	17.0	16.5	14.6	14.5	14.3	14.4	14.0	11.8
12°	44.4	43.5	50.6	52.9	50.7	42.3	19.6	19.2	19.6	18.9	17.5
13°	73.2	72.2	85.2	89.2	85.0	70.2	32.7	32.8	31.8	30.3	27.6
14°	102.0	101.0	119.8	125.4	119.4	98.0	80.4	81.5	78.2	81.9	77.7
15°	161.3	152.6	162.9	182.1	173.2	145.0	128.2	130.3	124.7	133.5	127.9
16°	203.3	193.6	197.9	219.1	200.3	188.8	175.8	179.0	170.8	185.0	178.0
17°	241.9	231.2	231.4	235.7	229.9	227.5	214.4	223.1	203.6	222.0	208.5
18°	283.0	271.5	269.3	249.1	249.5	255.1	243.8	250.2	223.3	241.6	231.6
19°	303.0	291.0	290.8	262.4	265.0	287.0	275.8	282.0	252.1	255.3	253.2
20°	328.5	315.0	315.6	278.3	282.5	316.9	305.3	316.1	290.7	269.0	284.6
21°	374.8	361.2	363.3	304.7	308.1	356.2	333.8	343.9	319.5	284.4	305.3
22°	421.4	407.8	411.2	359.0	364.4	395.8	366.2	375.8	351.2	311.3	327.6
23°	467.3	454.5	459.1	414.0	421.2	435.3	418.0	424.7	401.6	353.4	365.4
24°	529.4	511.8	524.6	469.0	478.0	490.6	476.3	486.9	466.2	412.4	423.4
25°	590.5	559.1	569.6	520.0	536.2	541.7	543.4	545.3	533.2	475.1	491.9
26°	655.4	610.2	601.4	561.6	587.8	583.0	604.6	599.0	571.9	517.5	550.3
27°	722.1	648.2	628.7	600.5	619.8	620.5	660.7	643.5	603.2	557.2	599.7
28°	771.8	681.1	651.6	625.1	646.1	662.4	712.4	677.5	630.7	593.8	631.0
29°	804.6	718.5	678.3	640.3	667.2	699.8	753.8	712.7	655.0	617.2	655.2
30°	836.1	742.9	706.0	651.8	678.9	723.3	781.1	746.0	684.9	636.7	677.2
31°	863.3	758.4	721.9	658.8	689.0	750.3	805.5	770.4	715.2	652.4	694.8
32°	881.4	774.1	737.1	668.3	699.3	776.3	830.7	789.6	734.2	665.0	708.2
33°	896.2	798.6	752.4	677.9	710.0	795.0	849.9	810.1	750.0	676.7	719.0
34°	910.2	823.9	765.4	682.4	718.7	810.7	862.2	829.4	763.5	686.9	729.6
35°	921.5	841.1	774.7	684.1	727.1	823.6	873.5	847.8	776.2	695.6	740.1
36°	930.2	850.7	780.8	683.4	732.4	833.4	883.8	861.9	786.1	702.8	748.2
37°	938.0	856.9	784.5	681.5	734.7	839.3	892.6	869.8	791.3	706.1	755.9
38°	941.1	858.0	786.8	678.5	733.5	842.8	898.8	872.3	793.1	705.5	760.5
39°	939.4	857.9	788.9	675.8	732.2	845.8	901.3	874.9	797.0	703.1	762.1
40°	937.0	856.9	791.9	673.4	729.2	848.4	901.1	877.1	801.8	700.1	765.0
41°	932.5	851.0	789.4	666.6	725.2	848.4	899.6	876.5	807.6	696.5	767.4
42°	928.7	845.3	783.3	655.8	717.1	846.1	894.6	870.8	808.8	694.1	765.1
43°	922.0	838.2	772.3	640.5	706.2	838.2	886.2	860.1	800.2	687.5	758.1
44°	909.4	828.1	757.4	622.8	689.8	825.2	873.3	842.3	784.6	673.2	744.5

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	890.6	811.9	737.2	602.1	672.6	808.8	857.6	824.2	762.6	652.4	727.9
46°	864.6	789.1	712.3	575.3	647.8	788.1	838.6	805.4	739.1	627.6	708.3
47°	830.5	758.9	682.5	543.9	621.0	765.0	816.4	785.1	716.2	599.3	685.5
48°	798.2	731.7	654.4	516.0	594.4	741.1	789.2	760.4	691.3	574.6	659.0
49°	769.9	709.2	631.1	491.7	569.7	712.1	758.4	730.8	662.0	548.3	630.6
50°	738.1	682.7	610.1	465.7	541.7	682.9	725.3	699.5	631.8	519.1	601.4
51°	703.8	653.5	585.0	439.4	516.9	656.6	692.6	670.6	604.4	489.2	569.9
52°	669.9	624.5	560.0	415.8	492.3	628.4	662.1	640.8	578.1	461.4	540.2
53°	635.2	595.4	534.3	392.6	468.4	600.2	631.6	610.9	550.8	435.4	513.0
54°	598.7	564.2	506.2	367.8	441.9	570.7	599.5	581.7	523.2	408.0	486.3
55°	561.1	533.6	477.2	343.9	416.7	540.9	565.6	553.2	495.0	379.2	460.2
56°	525.0	504.4	449.3	319.9	391.5	509.3	533.0	523.4	466.5	350.4	433.4
57°	489.7	474.1	421.8	299.0	365.8	477.2	499.1	492.9	436.7	321.7	408.7
58°	457.4	445.2	396.2	280.0	342.8	446.6	466.9	461.5	408.0	299.7	383.3
59°	426.5	418.4	371.2	263.6	321.0	417.2	437.3	433.2	382.4	281.5	357.9
60°	396.5	392.3	348.4	248.7	301.2	390.9	409.2	406.9	356.7	264.8	332.6
61°	369.4	367.5	326.4	235.2	282.8	365.8	382.6	381.8	331.2	248.9	310.4
62°	344.7	344.2	305.4	222.3	265.6	341.4	356.0	356.7	308.4	234.0	289.9
63°	322.1	321.0	285.8	209.6	248.8	318.9	329.5	331.7	286.9	220.0	269.7
64°	300.2	299.1	266.5	197.4	233.0	296.5	308.1	308.7	267.2	207.2	250.7
65°	279.8	278.6	248.6	186.3	218.7	277.0	286.6	287.8	248.7	195.0	233.1
66°	260.6	259.6	231.4	175.7	204.6	258.4	267.2	267.8	231.1	183.3	217.0
67°	242.4	241.6	215.3	165.3	191.2	240.7	248.6	249.4	214.8	172.2	201.7
68°	225.6	224.8	199.6	155.7	178.2	223.6	231.5	232.1	199.8	161.3	187.8
69°	208.8	208.6	185.0	146.1	165.8	207.9	215.5	216.3	185.9	151.3	175.1
70°	193.5	193.5	172.0	136.6	154.8	193.3	200.4	200.9	173.2	141.8	163.3
71°	179.1	179.7	161.6	127.9	143.8	178.8	185.9	186.7	160.9	132.6	151.8
72°	165.7	166.8	148.9	119.7	132.9	165.6	172.5	173.1	149.7	123.9	141.9
73°	153.4	154.6	136.2	111.8	123.3	153.5	159.2	160.2	138.9	115.7	132.5
74°	141.1	142.4	126.0	103.9	114.6	141.4	146.9	147.7	128.9	108.3	123.5
75°	128.8	130.2	115.9	96.1	106.2	129.3	135.1	136.3	119.4	101.3	115.0
76°	118.0	118.8	105.6	88.1	97.6	117.7	123.7	124.9	110.1	94.0	106.7
77°	106.8	107.1	94.9	80.2	88.5	106.8	112.3	113.2	100.2	86.0	97.6
78°	95.8	96.0	85.0	72.2	79.4	96.0	101.0	101.9	90.5	77.5	88.0
79°	85.2	85.7	75.6	64.2	70.7	85.7	90.4	91.6	80.9	69.1	78.5
80°	75.2	75.8	66.8	56.4	62.6	75.7	80.1	81.2	71.7	60.8	69.4
81°	65.3	66.1	58.3	48.9	54.3	65.8	70.4	71.4	62.9	52.8	60.9
82°	56.8	57.1	50.5	41.9	47.1	57.1	61.0	62.0	54.6	45.6	52.9
83°	49.3	49.7	44.2	36.6	40.9	49.4	52.9	53.9	47.7	39.6	46.0
84°	42.6	42.9	38.4	31.8	35.5	42.6	45.8	46.6	41.6	34.9	40.1
85°	36.4	36.6	32.7	27.4	30.4	36.3	39.6	40.2	36.1	30.2	34.9
86°	30.7	30.8	27.4	23.3	25.7	30.5	33.4	33.9	30.6	25.4	29.6
87°	25.6	25.4	22.8	19.7	21.4	25.3	27.2	27.6	25.1	21.5	24.4
88°	21.1	20.7	18.8	17.2	17.9	20.5	22.3	22.5	20.8	18.0	20.3
89°	17.9	17.4	16.5	14.7	15.5	17.1	18.6	18.4	17.2	15.0	17.0

REPORT NUMBER: P1192964
CATALOG NUMBER: BOL42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	15.6	15.1	14.3	12.2	13.2	14.8	15.9	15.7	14.8	13.0	14.7
91°	13.3	12.9	12.1	10.9	11.5	12.6	13.8	13.6	12.9	11.5	12.8
92°	11.5	11.2	10.6	9.9	10.2	10.9	11.9	11.8	11.3	10.4	11.2
93°	9.9	9.6	9.3	8.9	9.0	9.3	10.2	10.1	9.9	9.4	9.8
94°	8.7	8.4	8.1	7.9	7.9	8.1	8.9	8.7	8.6	8.5	8.6
95°	7.8	7.5	7.3	7.0	7.1	7.3	7.9	7.8	7.7	7.5	7.6
96°	7.2	7.0	6.7	6.5	6.6	6.8	7.4	7.2	7.0	6.7	6.9
97°	6.8	6.6	6.4	6.2	6.2	6.4	7.0	6.8	6.6	6.4	6.6
98°	6.5	6.3	6.1	5.9	6.0	6.2	6.7	6.5	6.3	6.1	6.2
99°	6.2	6.1	5.8	5.6	5.7	5.9	6.4	6.2	6.0	5.8	6.0
100°	5.9	5.8	5.6	5.4	5.5	5.6	6.1	6.0	5.8	5.6	5.7
101°	5.7	5.5	5.3	5.2	5.2	5.4	5.9	5.7	5.5	5.4	5.5
102°	5.4	5.3	5.1	5.0	5.0	5.2	5.6	5.5	5.3	5.2	5.3
103°	5.2	5.1	4.9	4.8	4.8	5.0	5.4	5.3	5.1	5.0	5.1
104°	5.0	4.9	4.7	4.6	4.6	4.8	5.2	5.1	4.9	4.8	4.9
105°	4.8	4.7	4.5	4.4	4.5	4.6	5.0	4.9	4.7	4.6	4.7
106°	4.6	4.5	4.4	4.3	4.3	4.5	4.8	4.7	4.6	4.5	4.5
107°	4.4	4.4	4.2	4.1	4.2	4.3	4.6	4.6	4.4	4.3	4.4
108°	4.3	4.2	4.1	4.0	4.0	4.2	4.5	4.4	4.3	4.2	4.2
109°	4.1	4.1	4.0	3.9	3.9	4.0	4.3	4.3	4.1	4.0	4.1
110°	4.0	4.0	3.8	3.8	3.8	3.9	4.2	4.1	4.0	3.9	4.0
111°	3.9	3.8	3.7	3.6	3.7	3.8	4.1	4.0	3.9	3.8	3.9
112°	3.8	3.7	3.6	3.5	3.6	3.7	3.9	3.9	3.8	3.7	3.7
113°	3.6	3.6	3.5	3.5	3.5	3.6	3.8	3.8	3.7	3.6	3.6
114°	3.5	3.5	3.4	3.4	3.4	3.5	3.7	3.7	3.6	3.5	3.6
115°	3.4	3.4	3.3	3.3	3.3	3.4	3.6	3.6	3.5	3.4	3.5
116°	3.4	3.3	3.3	3.2	3.2	3.3	3.5	3.5	3.4	3.3	3.4
117°	3.3	3.3	3.2	3.1	3.2	3.2	3.4	3.4	3.3	3.3	3.3
118°	3.2	3.2	3.1	3.1	3.1	3.2	3.3	3.3	3.2	3.2	3.2
119°	3.1	3.1	3.1	3.0	3.0	3.1	3.3	3.2	3.2	3.1	3.2
120°	3.1	3.0	3.0	3.0	3.0	3.0	3.2	3.2	3.1	3.1	3.1
121°	3.0	3.0	2.9	2.9	2.9	3.0	3.1	3.1	3.0	3.0	3.1
122°	2.9	2.9	2.9	2.9	2.9	2.9	3.1	3.0	3.0	3.0	3.0
123°	2.9	2.9	2.8	2.8	2.8	2.8	3.0	3.0	2.9	2.9	3.0
124°	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9
125°	2.8	2.8	2.7	2.7	2.7	2.7	2.9	2.9	2.9	2.9	2.9
126°	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.8	2.8	2.8	2.8
127°	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
128°	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.8	2.7	2.8	2.8
129°	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
130°	2.5	2.6	2.5	2.6	2.5	2.5	2.7	2.7	2.7	2.7	2.7
131°	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7
132°	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6
133°	2.4	2.4	2.4	2.5	2.4	2.4	2.5	2.5	2.6	2.6	2.6
134°	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	2.4	2.4	2.4	2.4	2.4	2.3	2.5	2.5	2.5	2.5	2.5
136°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
137°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
138°	2.2	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.4	2.4	2.4
139°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
140°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
141°	2.1	2.1	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.3	2.3
142°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
143°	2.0	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.2	2.2	2.2
144°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2
145°	2.0	2.0	2.0	2.0	2.0	1.9	2.1	2.1	2.1	2.1	2.1
146°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
147°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
148°	1.8	1.8	1.9	1.9	1.8	1.8	1.9	1.9	2.0	2.0	2.0
149°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
150°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
151°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9
152°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
153°	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.8	1.8	1.8
154°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
155°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
156°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
157°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
158°	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
159°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
160°	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
161°	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
162°	1.3	1.3	1.3	1.2	1.2	1.3	1.4	1.4	1.3	1.3	1.3
163°	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
164°	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2
165°	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
166°	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1
167°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
168°	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0
169°	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0
170°	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9
171°	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9
172°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
173°	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8
174°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
176°	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7
177°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
178°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
179°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-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	0.1	0.1	0.1
4°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3
5°	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6
6°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9
7°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.3
8°	1.4	1.4	1.5	1.6	1.7	1.7	1.9	2.1	2.4	3.0	3.4
9°	3.6	3.4	3.3	3.7	4.1	4.4	4.0	4.4	4.5	5.1	5.8
10°	5.8	5.8	5.8	6.1	6.7	6.6	6.8	7.3	7.7	8.3	9.1
11°	11.8	11.9	11.2	11.8	12.5	12.4	12.3	12.2	13.5	14.4	15.4
12°	17.9	18.1	16.7	17.5	18.3	18.2	17.9	19.5	38.6	45.1	48.1
13°	24.1	25.1	26.0	27.6	29.6	29.3	30.3	57.7	64.1	76.5	81.3
14°	51.8	73.5	74.2	79.5	82.8	81.6	76.0	96.2	89.6	107.8	114.5
15°	99.4	121.8	122.5	131.4	136.0	133.9	121.7	134.6	136.2	159.8	172.1
16°	147.0	170.1	170.7	182.7	189.2	185.7	167.4	185.2	179.1	188.5	214.9
17°	194.5	216.5	218.3	216.2	236.3	217.8	212.0	223.6	218.2	219.8	239.6
18°	225.9	252.5	252.9	237.4	263.0	235.5	235.0	252.9	253.2	252.8	257.1
19°	249.8	278.4	281.4	263.6	279.1	257.7	265.4	283.7	283.6	279.6	270.8
20°	289.7	320.6	323.2	302.6	293.0	283.9	300.9	312.6	311.9	303.4	284.7
21°	316.5	349.0	352.2	327.7	307.8	301.6	323.6	337.8	352.6	329.5	304.6
22°	335.1	370.9	376.8	352.1	330.4	322.7	349.5	381.3	393.6	387.0	359.6
23°	367.0	406.6	416.8	398.7	371.2	364.3	398.7	425.2	434.6	444.5	415.2
24°	422.9	467.8	479.8	463.3	431.4	430.5	468.2	486.4	490.5	510.3	470.7
25°	488.2	542.4	549.7	536.6	499.1	510.9	534.5	554.6	546.2	555.3	518.6
26°	541.1	601.8	601.0	575.7	553.1	569.5	583.3	616.1	600.1	584.6	559.8
27°	583.1	656.5	647.7	606.5	601.5	619.0	615.6	678.3	638.1	616.9	602.1
28°	625.0	718.7	682.7	636.9	639.0	652.2	651.9	737.3	675.4	649.3	630.8
29°	671.9	771.9	719.5	673.3	667.2	675.8	693.7	784.4	714.6	681.8	651.4
30°	714.0	810.8	760.4	711.2	687.6	693.8	727.6	815.3	752.4	713.0	667.7
31°	746.1	843.8	797.4	734.8	704.5	710.5	759.3	843.6	774.7	732.3	680.2
32°	780.6	875.5	823.5	750.8	716.0	722.4	788.3	874.3	793.8	744.4	689.4
33°	805.8	904.3	850.9	764.1	726.9	729.9	805.5	901.1	818.3	755.8	698.1
34°	821.8	921.1	872.9	776.7	736.0	735.9	818.0	916.6	840.9	768.4	706.3
35°	835.3	933.6	887.8	789.3	743.4	742.4	831.8	931.1	857.8	780.5	713.0
36°	849.9	947.5	903.6	800.1	747.9	749.0	843.8	942.9	873.4	791.5	716.1
37°	862.0	962.9	917.0	809.1	750.4	751.9	852.3	955.7	883.5	798.6	715.5
38°	869.2	971.7	927.2	817.1	746.9	751.9	857.8	964.0	889.4	801.3	710.6
39°	872.9	974.6	930.6	818.9	739.9	750.2	861.1	966.3	892.5	802.2	706.2
40°	878.1	974.8	934.4	820.8	733.7	749.7	864.4	966.3	895.1	803.7	702.3
41°	884.7	975.6	938.1	823.2	729.9	747.9	867.5	965.3	895.5	804.9	697.9
42°	887.5	974.9	940.5	823.0	724.6	743.2	867.0	961.8	892.9	803.4	691.0
43°	883.6	972.0	934.3	817.7	715.8	734.8	860.3	955.0	884.0	797.3	678.1
44°	873.0	963.4	922.4	804.4	698.7	718.2	847.2	944.1	869.5	783.1	658.6

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	855.9	945.1	901.7	783.8	674.5	694.9	829.2	928.1	851.4	762.8	635.7
46°	837.2	922.7	880.0	759.8	646.5	670.1	810.6	909.0	832.9	740.2	607.7
47°	821.0	901.3	861.2	735.0	617.3	643.8	789.7	883.1	810.5	713.4	575.2
48°	801.8	877.9	837.8	708.2	588.9	616.1	764.3	853.6	786.4	686.5	543.1
49°	775.7	848.0	810.5	682.2	560.5	584.8	734.5	820.8	755.9	658.8	513.6
50°	744.7	811.0	777.9	649.9	524.1	552.0	706.6	788.1	725.2	629.7	483.8
51°	710.2	772.6	742.8	618.3	488.5	519.7	677.2	752.6	693.6	605.1	454.8
52°	680.2	738.8	710.0	592.5	457.7	492.6	647.2	716.6	663.8	580.8	425.1
53°	651.7	706.4	678.6	567.5	430.8	467.1	620.7	682.6	631.3	556.3	397.2
54°	620.0	670.7	645.2	541.4	400.0	441.3	593.7	647.6	598.7	529.5	369.1
55°	588.7	633.6	611.6	513.3	369.1	416.8	565.0	611.1	567.0	500.9	342.1
56°	557.2	597.1	577.8	483.6	338.3	393.8	535.1	571.1	533.1	470.6	315.9
57°	525.1	561.2	544.2	453.0	314.7	370.1	503.8	532.7	500.0	438.8	292.3
58°	492.4	524.9	510.4	422.3	292.4	346.4	472.6	496.3	467.0	408.1	271.9
59°	458.5	491.0	476.8	394.2	273.8	322.7	443.2	462.0	435.9	381.2	255.0
60°	426.8	458.8	446.1	366.2	256.6	300.6	415.4	430.3	407.3	354.9	239.6
61°	397.7	428.4	417.3	338.2	241.2	280.1	388.8	401.5	380.6	329.4	225.7
62°	368.9	397.9	389.9	314.5	227.0	261.6	362.2	374.0	354.6	304.9	212.7
63°	340.1	369.7	362.4	291.2	213.0	244.3	335.6	347.9	329.7	282.9	200.4
64°	315.4	341.4	335.0	269.8	200.1	227.9	311.5	323.8	306.5	261.6	188.3
65°	292.2	316.7	311.2	250.8	187.8	212.5	289.7	301.7	285.5	242.3	177.0
66°	271.0	294.0	289.1	232.9	175.9	198.6	269.7	280.7	266.1	224.6	166.2
67°	252.3	273.3	268.1	216.2	165.2	185.8	250.7	261.0	247.3	208.3	156.2
68°	234.3	254.4	248.9	201.0	154.5	173.7	232.5	242.3	229.3	192.4	146.1
69°	217.8	236.6	231.5	186.8	144.7	162.0	216.1	225.4	212.8	177.1	136.1
70°	202.5	219.6	214.8	173.6	135.3	151.7	200.8	209.2	197.5	163.7	127.3
71°	187.9	204.0	199.4	161.5	126.7	142.2	186.6	194.1	182.9	152.3	118.9
72°	174.4	189.3	184.5	150.1	118.5	133.6	173.6	179.2	169.3	141.0	111.5
73°	161.7	174.4	169.9	138.9	110.9	125.2	160.9	165.6	157.2	129.6	104.1
74°	150.0	160.9	157.2	129.1	103.7	116.9	149.2	153.3	145.1	120.1	97.7
75°	139.0	148.3	144.8	120.0	96.7	109.5	138.1	141.0	132.9	111.1	91.0
76°	128.2	136.2	132.8	111.1	89.5	101.6	127.2	128.7	122.3	101.9	84.2
77°	116.7	124.2	121.2	102.0	82.1	93.3	115.7	117.5	111.3	91.8	76.3
78°	105.3	112.1	109.5	92.4	74.2	83.5	103.9	106.3	100.4	82.2	68.3
79°	94.3	100.8	98.7	83.1	66.5	74.8	93.1	95.2	89.8	73.1	60.6
80°	83.2	89.3	87.6	73.6	59.0	66.1	82.5	84.4	79.6	64.6	53.0
81°	73.1	78.7	77.2	64.6	51.7	58.2	72.4	74.0	69.9	56.5	46.2
82°	63.6	68.4	67.6	56.5	44.6	50.6	62.9	63.7	60.6	49.0	39.4
83°	55.5	59.6	58.7	49.3	39.5	43.7	54.2	55.0	52.4	42.4	34.4
84°	47.9	51.6	50.8	42.7	34.3	38.6	46.9	47.3	45.1	36.9	30.0
85°	41.1	44.1	43.4	37.3	29.1	33.5	40.7	40.4	38.7	31.7	25.9
86°	35.3	37.8	37.2	31.8	25.1	28.4	34.4	34.0	32.9	26.9	22.3
87°	29.5	31.5	31.1	26.4	21.4	24.0	28.2	28.2	27.3	22.7	18.9
88°	23.6	25.3	24.9	22.0	18.1	20.1	23.1	23.0	22.2	19.0	16.7
89°	19.3	20.7	20.2	18.3	15.3	17.1	18.9	18.9	18.2	16.8	14.5

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	16.4	17.6	17.2	15.8	13.6	14.9	16.0	16.5	16.0	14.5	12.3
91°	14.1	15.1	14.8	13.8	12.2	13.1	13.8	14.2	13.8	12.3	11.0
92°	12.2	13.0	12.9	12.1	11.0	11.5	11.9	11.8	11.6	10.8	9.9
93°	10.5	11.1	11.1	10.7	10.0	10.2	10.3	10.1	9.9	9.4	9.0
94°	8.9	9.6	9.6	9.4	9.1	9.0	8.7	8.7	8.6	8.1	8.0
95°	7.8	8.4	8.4	8.3	8.1	8.0	7.7	7.7	7.5	7.3	7.1
96°	7.2	7.7	7.6	7.5	7.3	7.2	7.0	7.0	6.8	6.6	6.4
97°	6.8	7.3	7.2	7.0	6.7	6.7	6.6	6.7	6.5	6.2	6.1
98°	6.5	6.9	6.8	6.6	6.4	6.4	6.3	6.3	6.2	5.9	5.8
99°	6.2	6.6	6.5	6.3	6.1	6.1	6.0	6.0	5.9	5.7	5.5
100°	5.9	6.3	6.2	6.0	5.8	5.8	5.8	5.8	5.6	5.4	5.3
101°	5.7	6.0	5.9	5.8	5.6	5.6	5.5	5.5	5.4	5.2	5.1
102°	5.5	5.8	5.7	5.5	5.4	5.3	5.3	5.3	5.1	5.0	4.9
103°	5.2	5.5	5.5	5.3	5.1	5.1	5.1	5.1	4.9	4.8	4.7
104°	5.1	5.3	5.3	5.1	4.9	4.9	4.9	4.8	4.7	4.6	4.5
105°	4.9	5.1	5.1	4.9	4.7	4.7	4.7	4.7	4.6	4.4	4.3
106°	4.7	4.9	4.9	4.7	4.6	4.5	4.6	4.5	4.4	4.3	4.2
107°	4.5	4.7	4.7	4.6	4.4	4.4	4.4	4.3	4.2	4.1	4.0
108°	4.4	4.6	4.5	4.4	4.2	4.2	4.3	4.2	4.1	4.0	3.9
109°	4.3	4.4	4.4	4.2	4.1	4.1	4.1	4.0	4.0	3.8	3.8
110°	4.1	4.3	4.2	4.1	4.0	4.0	4.0	3.9	3.8	3.7	3.7
111°	4.0	4.1	4.1	4.0	3.8	3.8	3.9	3.8	3.7	3.6	3.6
112°	3.9	4.0	4.0	3.9	3.7	3.7	3.8	3.7	3.6	3.5	3.5
113°	3.8	3.9	3.9	3.7	3.6	3.6	3.7	3.6	3.5	3.4	3.4
114°	3.7	3.8	3.8	3.6	3.5	3.5	3.6	3.5	3.4	3.3	3.3
115°	3.6	3.7	3.7	3.5	3.4	3.4	3.5	3.4	3.3	3.2	3.2
116°	3.5	3.6	3.6	3.5	3.3	3.3	3.4	3.3	3.2	3.2	3.1
117°	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.1	3.1	3.1
118°	3.3	3.4	3.4	3.3	3.2	3.2	3.2	3.1	3.1	3.0	3.0
119°	3.2	3.3	3.3	3.2	3.1	3.1	3.2	3.0	3.0	3.0	2.9
120°	3.2	3.2	3.2	3.1	3.0	3.0	3.1	3.0	2.9	2.9	2.9
121°	3.1	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8
122°	3.1	3.1	3.1	3.0	2.9	2.9	3.0	2.9	2.8	2.8	2.8
123°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7
124°	3.0	3.0	3.0	2.9	2.8	2.8	2.9	2.7	2.7	2.7	2.7
125°	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6
126°	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.6
127°	2.8	2.8	2.8	2.8	2.7	2.7	2.8	2.6	2.6	2.6	2.6
128°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5
129°	2.7	2.8	2.8	2.7	2.6	2.7	2.7	2.5	2.5	2.5	2.5
130°	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.5
131°	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.4	2.4	2.4	2.4
132°	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.4	2.4	2.4	2.4
133°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4
134°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.3

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.3	2.3	2.3	2.3
136°	2.5	2.4	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
137°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.2
138°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
139°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1
140°	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.1	2.1	2.1	2.1
141°	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
142°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.0	2.0	2.0
143°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
144°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9
145°	2.1	2.1	2.1	2.1	2.0	2.1	2.1	1.9	1.9	1.9	1.9
146°	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
147°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8
148°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
149°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7
150°	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7
151°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6
152°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
153°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
154°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5
155°	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
156°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4
157°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4
158°	1.5	1.6	1.5	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
159°	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3
160°	1.4	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.3	1.3	1.3
161°	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2
162°	1.3	1.4	1.4	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.2
163°	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1
164°	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
165°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.1
166°	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
167°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0
168°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
169°	1.0	1.0	1.1	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.9
170°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
171°	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
172°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.8	0.8
173°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.8	0.8	0.8
174°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
176°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
177°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
178°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
179°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	0.0	0.0	0.0
1°	0.0	0.0	0.0
2°	0.0	0.0	0.0
3°	0.1	0.1	0.1
4°	0.3	0.3	0.3
5°	0.7	0.7	0.7
6°	1.0	1.1	1.1
7°	1.5	1.6	1.5
8°	3.5	3.3	3.1
9°	5.8	5.8	5.8
10°	9.4	9.7	9.5
11°	16.5	16.7	16.2
12°	49.4	47.4	44.4
13°	82.9	78.5	73.2
14°	116.4	109.6	102.0
15°	170.7	166.0	161.3
16°	203.7	209.4	203.3
17°	225.4	247.2	241.9
18°	252.6	288.0	283.0
19°	271.8	307.0	303.0
20°	293.8	330.6	328.5
21°	327.2	374.2	374.8
22°	380.4	418.5	421.4
23°	433.7	464.5	467.3
24°	486.9	522.5	529.4
25°	549.9	582.0	590.5
26°	607.1	632.4	655.4
27°	640.8	684.0	722.1
28°	665.7	728.2	771.8
29°	686.4	760.8	804.6
30°	702.9	789.6	836.1
31°	715.9	820.1	863.3
32°	727.5	843.2	881.4
33°	741.5	863.0	896.2
34°	755.0	880.0	910.2
35°	763.6	892.2	921.5
36°	770.5	899.9	930.2
37°	774.9	906.6	938.0
38°	777.1	909.4	941.1
39°	778.2	910.3	939.4
40°	777.1	910.6	937.0
41°	773.4	908.6	932.5
42°	764.6	902.5	928.7
43°	753.4	896.2	922.0
44°	738.7	884.7	909.4

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	722.4	868.2	890.6
46°	698.6	843.4	864.6
47°	667.1	810.5	830.5
48°	630.7	774.8	798.2
49°	599.0	747.5	769.9
50°	570.2	717.1	738.1
51°	536.7	682.2	703.8
52°	505.2	647.6	669.9
53°	476.5	616.4	635.2
54°	448.1	580.9	598.7
55°	420.4	544.0	561.1
56°	391.9	508.0	525.0
57°	363.9	473.4	489.7
58°	337.9	440.3	457.4
59°	314.2	408.8	426.5
60°	292.4	379.8	396.5
61°	273.8	353.4	369.4
62°	257.2	329.6	344.7
63°	240.7	307.7	322.1
64°	225.6	287.3	300.2
65°	211.7	268.3	279.8
66°	199.0	250.3	260.6
67°	186.7	233.3	242.4
68°	174.8	216.8	225.6
69°	163.3	201.2	208.8
70°	153.3	186.7	193.5
71°	143.2	173.0	179.1
72°	133.1	159.7	165.7
73°	124.4	148.2	153.4
74°	116.4	136.7	141.1
75°	108.1	125.7	128.8
76°	99.8	114.6	118.0
77°	90.8	103.9	106.8
78°	81.8	93.0	95.8
79°	72.7	82.8	85.2
80°	64.0	72.8	75.2
81°	55.9	63.5	65.3
82°	48.3	55.1	56.8
83°	42.1	47.6	49.3
84°	36.6	41.1	42.6
85°	31.5	35.1	36.4
86°	26.8	29.6	30.7
87°	22.3	24.7	25.6
88°	18.7	20.3	21.1
89°	16.5	17.1	17.9

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	14.3	14.9	15.6
91°	12.2	12.7	13.3
92°	10.7	11.0	11.5
93°	9.4	9.4	9.9
94°	8.2	8.2	8.7
95°	7.3	7.3	7.8
96°	6.6	6.8	7.2
97°	6.2	6.4	6.8
98°	6.0	6.1	6.5
99°	5.7	5.9	6.2
100°	5.4	5.6	5.9
101°	5.2	5.4	5.7
102°	5.0	5.2	5.4
103°	4.8	5.0	5.2
104°	4.6	4.8	5.0
105°	4.4	4.6	4.8
106°	4.3	4.4	4.6
107°	4.1	4.3	4.4
108°	4.0	4.1	4.3
109°	3.8	4.0	4.1
110°	3.7	3.9	4.0
111°	3.6	3.8	3.9
112°	3.5	3.7	3.8
113°	3.4	3.6	3.6
114°	3.3	3.5	3.5
115°	3.2	3.4	3.4
116°	3.2	3.3	3.4
117°	3.1	3.2	3.3
118°	3.0	3.1	3.2
119°	3.0	3.1	3.1
120°	2.9	3.0	3.1
121°	2.8	2.9	3.0
122°	2.8	2.9	2.9
123°	2.7	2.8	2.9
124°	2.7	2.8	2.8
125°	2.6	2.7	2.8
126°	2.6	2.7	2.7
127°	2.6	2.7	2.7
128°	2.5	2.6	2.6
129°	2.5	2.6	2.6
130°	2.5	2.5	2.5
131°	2.4	2.5	2.5
132°	2.4	2.5	2.5
133°	2.4	2.4	2.4
134°	2.3	2.4	2.4

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	2.3	2.3	2.4
136°	2.3	2.3	2.3
137°	2.2	2.3	2.3
138°	2.2	2.2	2.2
139°	2.1	2.2	2.2
140°	2.1	2.1	2.2
141°	2.1	2.1	2.1
142°	2.0	2.1	2.1
143°	2.0	2.0	2.0
144°	1.9	2.0	2.0
145°	1.9	1.9	2.0
146°	1.8	1.9	1.9
147°	1.8	1.9	1.9
148°	1.8	1.8	1.8
149°	1.7	1.8	1.8
150°	1.7	1.7	1.8
151°	1.6	1.7	1.7
152°	1.6	1.7	1.7
153°	1.6	1.6	1.7
154°	1.5	1.6	1.6
155°	1.5	1.6	1.6
156°	1.4	1.5	1.5
157°	1.4	1.5	1.5
158°	1.4	1.4	1.5
159°	1.3	1.4	1.4
160°	1.3	1.4	1.4
161°	1.3	1.3	1.4
162°	1.2	1.3	1.3
163°	1.2	1.3	1.3
164°	1.1	1.2	1.3
165°	1.1	1.2	1.2
166°	1.1	1.1	1.2
167°	1.1	1.1	1.1
168°	1.0	1.1	1.1
169°	1.0	1.0	1.1
170°	0.9	1.0	1.0
171°	0.9	1.0	1.0
172°	0.9	0.9	0.9
173°	0.9	0.9	0.9
174°	0.8	0.9	0.9
175°	0.8	0.8	0.8
176°	0.8	0.8	0.8
177°	0.7	0.7	0.7
178°	0.7	0.7	0.7
179°	0.7	0.7	0.7

REPORT NUMBER: P1192964
CATALOG NUMBER: BOLF42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.7	0.7	0.7

(END OF REPORT)