

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: P1192953

Luminaire Tested: BOLD42-25S-BZ-20W-4000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192953
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: BOLD42-25S-BZ-20W-4000K
Description: Dome Shaped Bollard, 42" length, 20W, BZ at 4000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

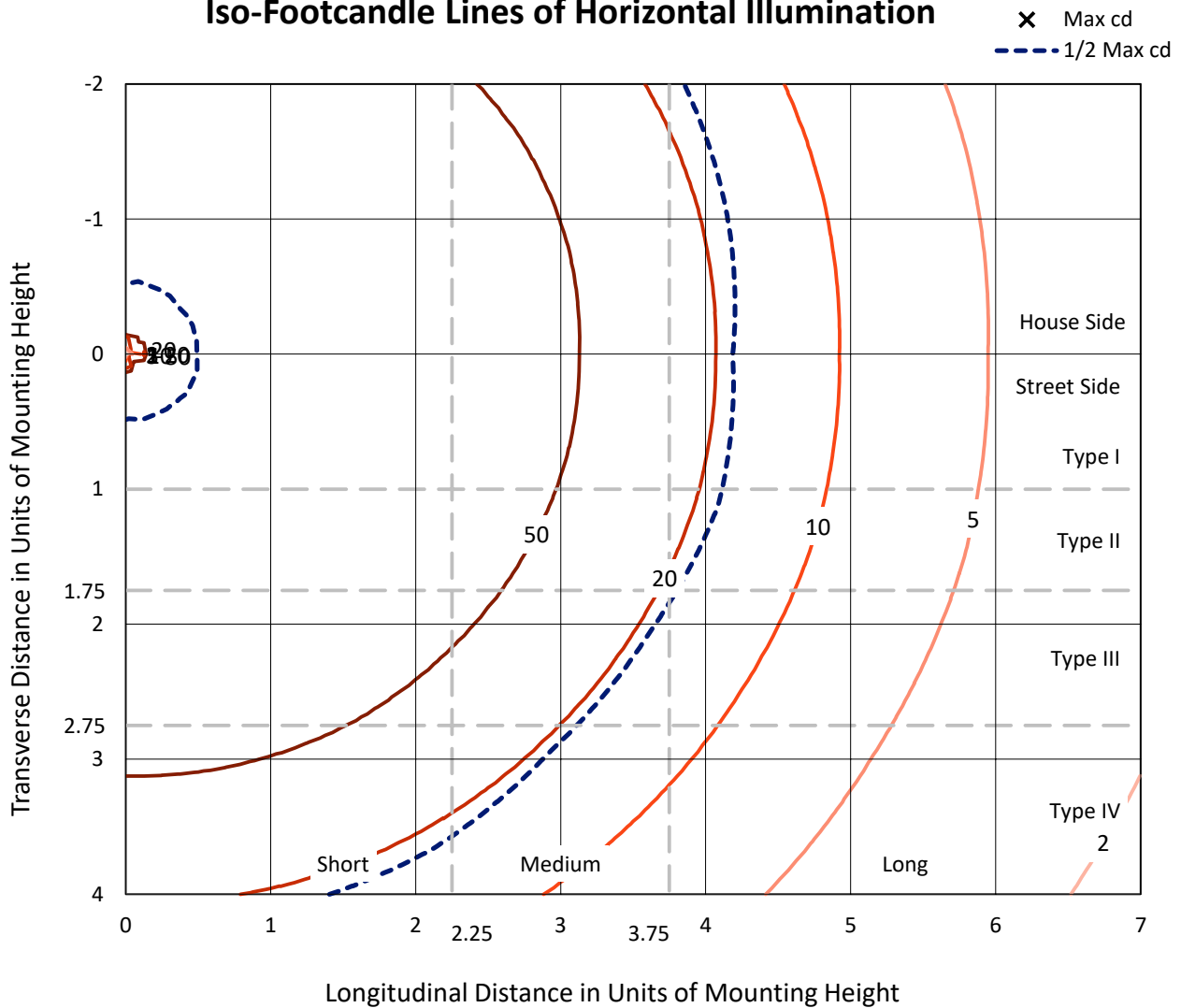
Summary

Lumens per Lamp: 2153.4 (1 lamp)
Luminaire Lumens: 2993.1 lumens
Efficiency: 139.0%
Efficacy: 154.3 lumens/watt
Luminous Opening: Circular (Dia: 0.5' x H: 0')
IES Classification: Type V - Short - Non-Cutoff
BUG Rating: B1 - U3 - G2

Input Watts (W): 19.4
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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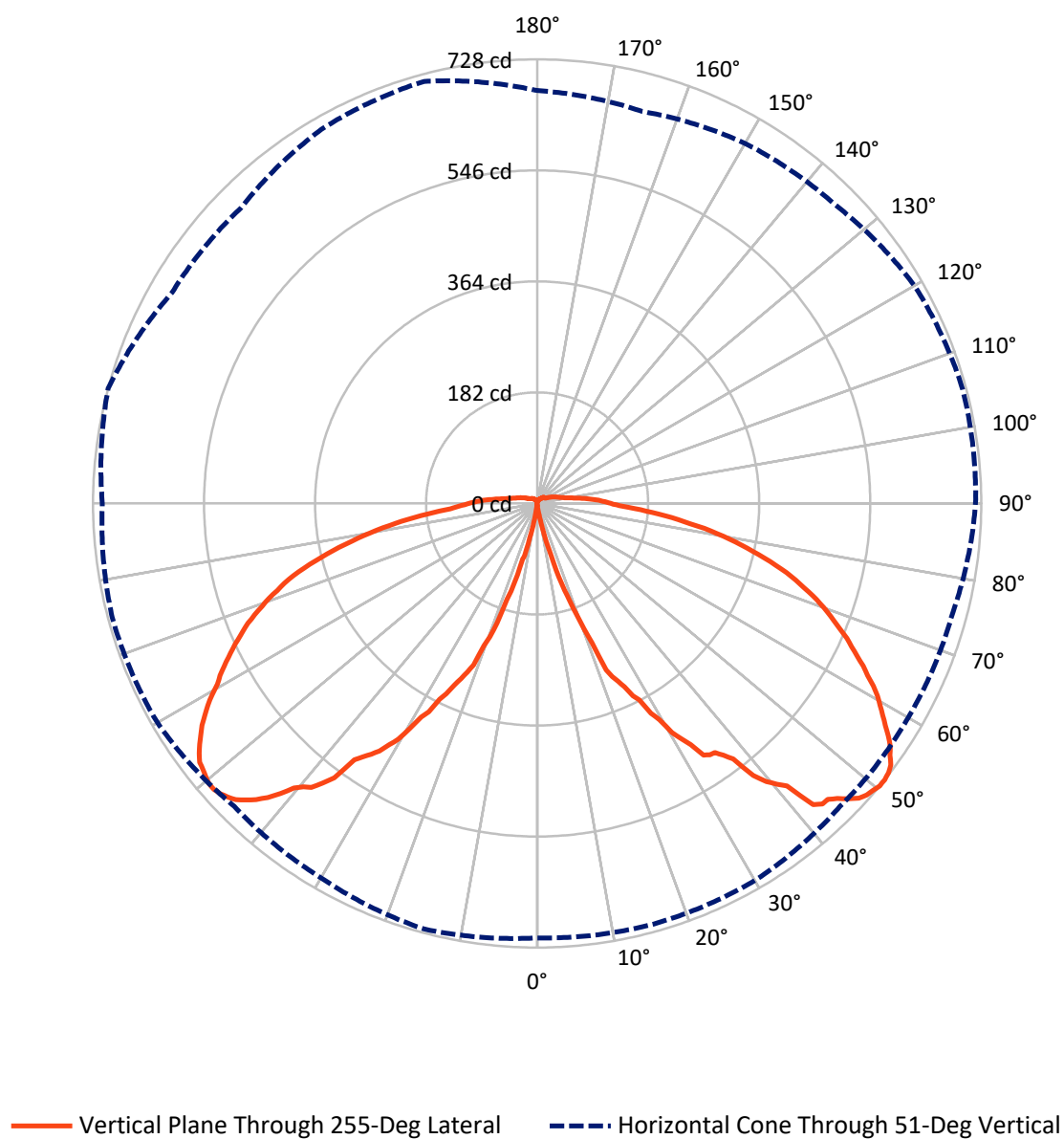
Iso-Footcandle Lines of Horizontal Illumination



Based on 0.5 foot mounting height. Maximum calculated value = 1213.8 fc
Type V - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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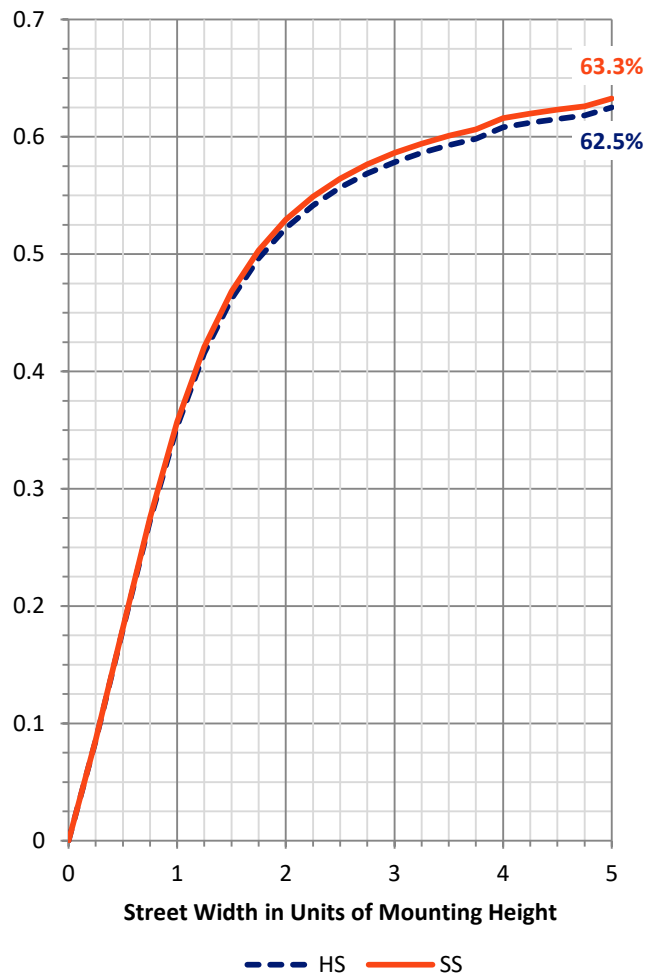
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1395.0	90.8	1485.8
	% Lamp	64.8	4.2	69.0
Street Side	Lumens	1414.0	93.3	1507.3
	% Lamp	65.7	4.3	70.0
Total	Lumens	2809.0	184.1	2993.1
	% Lamp	130.4	8.6	139.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.7	0.0	0.0
10°-20°	33.2	1.1	1.5
20°-30°	154.1	5.1	7.2
30°-40°	320.7	10.7	14.9
40°-50°	522.2	17.4	24.3
50°-60°	607.8	20.3	28.2
60°-70°	552.5	18.5	25.7
70°-80°	412.4	13.8	19.1
80°-90°	205.3	6.9	9.5
90°-100°	87.2	2.9	4.1
100°-110°	39.6	1.3	1.8
110°-120°	23.2	0.8	1.1
120°-130°	13.4	0.4	0.6
130°-140°	9.7	0.3	0.4
140°-150°	6.1	0.2	0.3
150°-160°	3.3	0.1	0.2
160°-170°	1.4	0.0	0.1
170°-180°	0.2	0.0	0.0
0°-90°	2809.0	93.8	130.4
0°-180°	2993.1	100.0	139.0

Coefficient of Utilization



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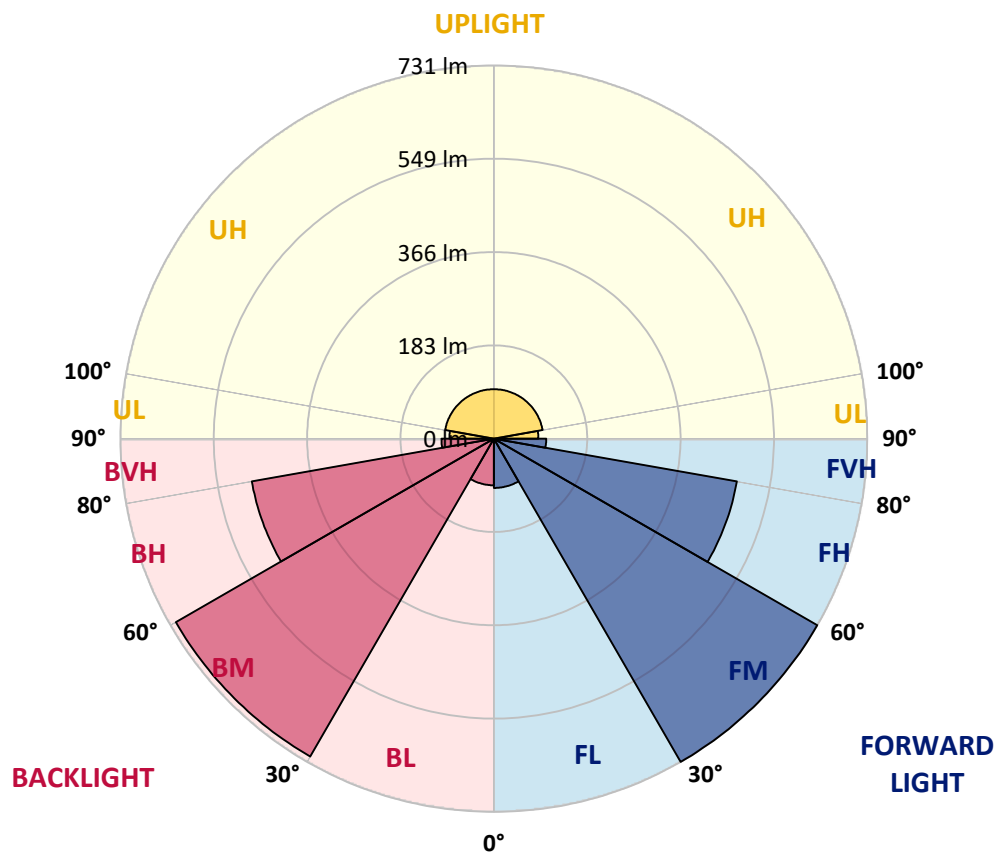
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	96.6	4.5			
FM	(30°-60°)	731.5	34.0			
FH	(60°-80°)	483.4	22.4			G0/660
FVH	(80°-90°)	102.6	4.8			G2/225
BL	(0°-30°)	91.4	4.2	B0/110		
BM	(30°-60°)	719.3	33.4	B1/1000		
BH	(60°-80°)	481.5	22.4	B1/500		G0/660
BVH	(80°-90°)	102.7	4.8			G2/225
UL	(90°-100°)	87.2	4.1		U3/500	
UH	(100°-180°)	96.9	4.5		U3/500	
Trapped Light		-839.7	-39.0			

BUG Rating: B1-U3-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
2°	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.3
3°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
4°	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4
5°	1.2	1.2	1.1	1.0	0.8	0.8	0.7	0.7	0.7	0.6	0.6
6°	2.7	2.5	2.2	2.0	1.8	1.5	1.3	1.2	1.2	1.1	1.1
7°	5.4	4.5	4.3	4.0	3.7	3.2	2.4	2.2	2.3	2.3	2.2
8°	10.0	10.1	10.5	11.1	10.2	9.4	7.6	7.4	7.8	7.5	7.8
9°	18.9	19.0	18.1	18.1	17.4	14.6	12.9	12.7	13.4	12.7	13.4
10°	30.6	29.7	29.0	28.7	27.9	25.6	18.3	18.0	19.0	18.0	19.1
11°	42.4	40.6	39.9	39.5	38.4	36.7	29.0	27.7	27.4	27.5	27.5
12°	54.2	51.4	50.8	50.2	48.9	47.8	42.8	42.4	46.0	41.4	41.6
13°	70.1	66.1	66.1	64.6	60.7	67.6	56.2	56.7	58.1	51.0	53.8
14°	94.0	86.7	80.3	84.1	83.0	86.9	83.2	74.3	69.1	67.2	68.3
15°	109.0	104.8	102.3	103.9	98.1	93.9	106.2	96.2	91.0	87.8	87.5
16°	125.1	129.8	131.7	130.3	119.3	121.2	129.3	118.2	111.6	108.7	105.5
17°	155.8	168.1	147.0	149.8	154.5	150.0	152.2	140.2	132.3	129.8	123.5
18°	181.6	187.8	179.4	163.4	169.3	164.5	167.6	164.0	159.8	155.7	141.6
19°	218.8	210.2	212.9	207.1	191.0	206.4	192.7	194.9	194.8	179.2	167.2
20°	244.6	247.4	229.4	232.3	226.1	231.8	242.4	229.6	221.5	208.2	196.1
21°	266.5	277.7	264.0	245.9	250.2	248.4	251.1	255.7	247.5	231.4	225.1
22°	290.7	297.8	276.9	275.2	265.5	284.4	277.3	289.5	263.3	251.2	256.1
23°	314.9	317.9	299.5	293.4	284.4	298.7	311.1	299.9	290.4	280.0	262.6
24°	339.0	338.0	322.2	311.2	303.3	312.9	323.4	329.1	314.2	291.2	287.4
25°	349.4	355.5	345.0	329.1	322.3	327.1	345.7	348.5	335.6	323.0	313.4
26°	364.6	367.0	356.9	358.4	354.2	345.4	358.0	361.1	343.4	331.1	328.2
27°	382.1	368.2	382.1	377.7	369.8	358.3	372.7	366.0	365.1	355.1	345.7
28°	390.5	383.0	394.3	392.4	384.5	384.7	381.7	386.1	378.5	381.5	365.7
29°	401.3	398.4	411.1	408.7	407.3	398.1	397.5	389.8	397.3	388.4	384.2
30°	414.9	415.6	429.6	433.0	414.7	423.9	416.8	392.2	423.2	410.6	398.7
31°	425.1	423.3	455.4	441.1	447.1	448.2	429.5	408.7	445.8	434.8	418.2
32°	437.6	435.9	462.7	451.0	459.3	463.7	444.0	423.1	457.5	439.7	443.2
33°	446.5	453.3	482.6	479.2	483.3	480.9	454.5	438.4	460.5	460.5	457.3
34°	456.6	467.9	504.7	511.2	500.4	492.5	461.7	450.9	486.0	490.3	484.2
35°	461.6	485.7	510.7	537.8	522.3	503.9	471.8	471.7	495.1	556.3	504.6
36°	518.8	516.0	516.8	546.2	570.5	515.6	507.5	510.7	502.7	560.8	527.5
37°	558.7	546.1	521.2	559.6	580.6	559.0	579.2	537.8	519.4	559.9	547.0
38°	572.8	576.3	553.6	572.0	624.3	577.3	593.7	585.4	545.3	572.7	562.7
39°	585.8	598.4	596.3	584.9	634.0	594.4	605.1	598.6	588.1	589.1	602.7
40°	598.2	606.2	620.8	620.8	651.8	601.8	612.8	605.8	602.4	627.6	617.0
41°	607.6	616.3	657.9	645.0	658.1	613.3	625.2	624.2	641.2	647.6	629.2
42°	629.8	641.9	657.6	651.0	671.3	634.6	644.9	654.5	656.3	658.6	642.8
43°	658.6	656.6	669.3	657.9	675.5	653.3	676.0	673.0	664.2	657.4	650.7
44°	668.4	675.0	678.6	669.0	683.7	668.7	686.6	680.6	673.8	669.0	656.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	681.3	690.0	687.0	675.6	694.3	681.1	696.1	693.0	687.1	681.5	666.0
46°	693.0	700.4	693.2	680.9	699.7	692.6	705.3	705.1	692.8	685.7	668.7
47°	700.4	705.0	701.8	686.4	702.9	698.8	710.8	706.5	699.8	690.8	673.9
48°	705.1	707.0	708.7	687.8	706.7	703.8	715.5	707.8	707.0	694.6	679.4
49°	711.8	711.1	710.5	695.2	707.1	707.3	716.0	715.8	709.2	694.1	681.0
50°	709.4	715.6	713.8	703.4	706.7	707.0	719.1	719.2	716.9	691.6	683.3
51°	711.8	715.0	713.4	701.9	701.9	703.8	718.3	721.9	713.8	691.2	681.1
52°	709.6	713.5	706.6	696.8	696.6	699.6	713.9	721.1	708.5	689.6	678.9
53°	701.1	709.6	700.4	691.6	687.2	696.7	705.5	713.8	708.4	688.0	669.3
54°	697.6	702.0	695.9	684.0	681.6	688.7	699.7	704.7	702.7	676.2	663.3
55°	690.6	693.3	688.1	678.4	670.8	679.0	691.8	693.8	695.5	671.3	657.0
56°	680.8	681.8	680.2	668.5	662.3	668.3	679.0	686.1	685.4	667.3	648.9
57°	671.6	671.1	672.4	654.6	650.3	658.3	665.6	669.9	675.2	657.6	645.1
58°	657.7	659.8	662.3	641.8	637.5	645.4	653.1	660.4	663.4	643.0	632.8
59°	646.0	648.9	649.9	629.9	627.1	633.0	639.3	645.6	649.8	633.6	620.7
60°	633.3	638.4	637.2	619.3	617.1	617.6	623.8	632.3	637.5	618.2	609.3
61°	619.2	624.7	624.9	606.6	605.9	601.8	611.1	618.8	624.3	603.1	599.4
62°	604.5	609.4	612.3	591.1	593.2	590.9	596.9	606.7	611.7	593.1	586.5
63°	588.2	596.0	597.6	578.3	577.0	578.0	581.9	592.3	601.3	578.4	574.0
64°	574.2	580.4	583.6	567.4	562.8	565.3	567.7	578.4	586.7	567.0	560.5
65°	559.1	564.5	569.3	552.1	550.2	552.3	554.4	565.4	569.9	551.8	545.7
66°	542.3	549.2	554.6	538.5	536.7	539.0	539.6	551.3	555.2	540.4	531.4
67°	526.2	533.5	538.1	524.9	521.9	525.8	526.0	538.0	540.3	526.2	518.1
68°	510.5	517.1	520.8	511.1	508.6	512.6	511.6	522.4	526.0	512.3	504.3
69°	495.7	502.2	505.0	496.4	492.5	497.4	496.0	509.1	512.3	497.7	490.2
70°	480.8	486.2	488.9	479.4	476.1	480.8	480.7	490.5	495.9	482.5	476.4
71°	464.1	469.8	471.7	464.3	461.5	466.4	464.8	476.2	477.7	466.4	458.3
72°	446.2	452.2	453.6	445.8	445.1	449.1	447.9	458.6	460.2	448.8	441.5
73°	429.4	434.1	436.0	428.7	427.9	434.3	431.3	441.3	443.9	431.1	425.4
74°	413.2	415.7	416.9	409.4	409.9	416.5	412.2	421.1	425.5	413.2	407.5
75°	392.8	396.0	395.4	390.1	389.3	396.1	393.0	401.3	403.5	393.0	386.6
76°	372.0	375.9	374.8	369.4	370.1	375.3	371.4	378.7	382.1	371.4	369.1
77°	351.1	354.0	353.5	348.0	348.3	353.8	350.8	356.3	361.2	350.4	348.4
78°	330.1	330.5	330.5	326.9	327.4	332.9	328.3	334.1	339.5	331.3	327.7
79°	307.7	309.1	309.7	307.0	306.6	309.6	305.6	312.7	317.1	310.1	307.5
80°	287.0	288.7	290.5	286.2	285.1	288.8	283.1	291.2	294.6	289.0	287.3
81°	266.6	267.8	268.0	263.9	261.8	267.2	263.2	269.7	272.2	267.8	267.8
82°	242.0	246.4	244.9	241.2	240.7	244.1	240.2	246.5	248.9	245.7	245.5
83°	219.7	224.0	223.1	221.2	220.2	224.5	217.3	224.0	227.7	226.6	225.9
84°	200.9	204.3	204.2	199.5	199.1	201.0	197.8	203.7	206.8	205.3	206.1
85°	180.5	182.2	182.4	179.3	177.7	180.8	175.4	181.2	185.6	185.8	185.5
86°	161.1	162.8	162.0	160.6	159.2	161.3	156.0	161.4	165.5	166.4	166.7
87°	143.1	144.7	143.2	141.3	142.2	142.7	138.2	143.2	147.2	146.3	148.2
88°	132.6	133.9	132.7	131.7	132.4	133.2	126.0	130.8	132.9	134.0	134.7
89°	122.4	123.1	122.3	122.2	122.7	123.8	117.5	122.2	124.4	124.0	124.1

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	112.2	112.4	111.9	112.8	113.1	114.4	112.0	115.7	117.5	117.3	117.3
91°	105.8	105.7	105.2	106.8	106.8	108.2	106.1	109.7	111.1	110.8	110.4
92°	99.2	99.7	98.9	100.3	100.6	101.9	100.5	104.2	105.0	103.8	103.3
93°	92.5	92.7	91.9	93.4	93.3	94.5	94.0	97.3	97.3	96.2	95.9
94°	84.8	84.9	84.5	85.7	85.5	86.7	86.3	89.6	89.7	88.3	87.4
95°	77.2	77.3	77.0	77.9	78.0	78.7	78.9	82.2	81.6	79.9	79.2
96°	70.1	69.7	69.8	71.0	70.4	71.2	71.4	74.5	74.0	72.5	71.7
97°	63.2	63.2	63.2	64.2	64.3	64.7	64.7	68.0	67.3	65.6	64.7
98°	57.5	57.4	57.5	58.6	58.7	58.7	59.0	62.0	61.2	59.8	58.9
99°	52.3	52.2	52.4	53.8	53.7	53.7	53.6	56.5	55.9	54.7	53.6
100°	48.1	47.8	48.2	49.2	49.6	49.2	49.2	52.2	51.4	50.1	49.2
101°	44.6	44.3	44.5	45.6	45.8	45.4	45.4	48.0	47.4	46.4	45.4
102°	41.8	41.5	41.7	42.4	42.9	42.4	42.2	44.8	44.2	43.2	42.4
103°	39.7	39.2	39.3	39.9	40.4	39.8	39.7	42.2	41.4	40.5	39.8
104°	37.7	37.3	37.3	37.8	38.2	37.7	37.5	39.8	39.0	38.2	37.7
105°	36.2	35.6	35.6	35.9	36.3	35.9	35.6	38.0	37.1	36.3	35.9
106°	34.7	34.2	34.0	34.2	34.6	34.1	33.9	36.1	35.3	34.6	34.2
107°	33.3	32.8	32.5	32.7	33.1	32.6	32.4	34.5	33.6	33.1	32.8
108°	32.1	31.5	31.2	31.2	31.6	31.1	31.0	33.1	32.1	31.6	31.4
109°	30.8	30.3	29.9	29.9	30.2	29.7	29.7	31.5	30.6	30.3	30.2
110°	29.5	29.0	28.6	28.5	28.8	28.4	28.3	30.2	29.3	28.9	28.9
111°	28.3	27.8	27.4	27.2	27.5	27.0	27.0	28.8	27.9	27.6	27.7
112°	27.0	26.5	26.1	26.0	26.1	25.7	25.6	27.4	26.5	26.2	26.4
113°	25.8	25.3	24.9	24.7	24.8	24.4	24.3	26.0	25.1	24.9	25.1
114°	24.6	24.1	23.7	23.6	23.5	23.1	23.1	24.7	23.8	23.7	23.9
115°	23.4	23.0	22.5	22.4	22.2	21.8	21.9	23.5	22.6	22.4	22.7
116°	22.3	21.9	21.4	21.2	21.0	20.6	20.7	22.3	21.4	21.2	21.5
117°	21.3	20.8	20.4	20.1	19.9	19.4	19.6	21.1	20.3	20.2	20.4
118°	20.2	19.8	19.4	19.0	18.8	18.3	18.5	20.0	19.3	19.1	19.3
119°	19.3	18.8	18.5	18.1	17.8	17.3	17.6	18.9	18.3	18.1	18.3
120°	18.4	17.9	17.6	17.2	16.9	16.4	16.7	18.0	17.5	17.2	17.3
121°	17.6	17.2	16.9	16.5	16.1	15.6	15.9	17.2	16.7	16.4	16.5
122°	16.9	16.6	16.3	15.8	15.4	14.9	15.2	16.4	16.0	15.8	15.8
123°	16.4	16.1	15.8	15.4	14.9	14.3	14.6	15.8	15.4	15.1	15.1
124°	15.9	15.7	15.5	15.0	14.6	13.8	14.1	15.2	14.9	14.5	14.5
125°	15.4	15.2	15.1	14.8	14.2	13.4	13.7	14.7	14.4	14.0	14.0
126°	15.1	14.9	14.8	14.5	13.9	13.1	13.3	14.4	14.1	13.6	13.5
127°	14.8	14.6	14.6	14.3	13.7	12.9	13.0	14.0	13.7	13.2	13.1
128°	14.5	14.3	14.4	14.2	13.7	12.8	12.8	13.6	13.4	12.9	12.7
129°	14.2	14.2	14.2	14.1	13.6	12.7	12.7	13.4	13.2	12.6	12.4
130°	14.1	14.1	14.1	14.0	13.5	12.6	12.6	13.1	13.0	12.4	12.2
131°	14.1	14.0	14.1	14.0	13.5	12.6	12.5	12.9	12.7	12.4	12.0
132°	13.9	14.0	14.0	14.0	13.4	12.5	12.4	12.7	12.7	12.2	11.9
133°	13.7	13.7	13.9	13.8	13.2	12.3	12.1	12.7	12.5	12.1	11.6
134°	13.4	13.4	13.3	13.6	13.0	12.0	11.9	12.5	12.2	11.8	11.4

REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	13.2	13.1	12.9	13.1	12.6	11.7	11.6	12.1	11.8	11.3	11.1
136°	12.9	12.9	12.5	12.6	12.3	11.3	11.4	11.8	11.5	11.0	10.8
137°	12.8	12.7	12.3	12.2	11.9	11.0	11.1	11.5	11.1	10.6	10.5
138°	12.7	12.5	12.0	11.7	11.5	10.6	10.8	11.1	10.8	10.3	10.2
139°	12.6	12.3	11.6	11.4	11.2	10.4	10.5	10.8	10.5	10.0	9.9
140°	12.6	12.1	11.2	11.1	10.8	10.3	10.2	10.4	10.2	9.7	9.6
141°	12.7	12.0	10.9	10.7	10.4	10.1	9.9	10.1	9.9	9.4	9.3
142°	12.8	12.4	10.7	10.5	10.0	9.8	9.6	9.7	9.6	9.2	9.0
143°	12.6	12.1	10.7	10.4	9.7	9.5	9.4	9.4	9.3	8.9	8.7
144°	12.1	12.0	10.8	9.7	9.4	9.2	9.1	9.1	9.1	8.6	8.4
145°	12.0	12.0	11.3	9.4	9.1	8.9	8.8	8.8	8.8	8.4	8.2
146°	12.1	11.6	11.0	9.1	8.9	8.6	8.5	8.5	8.5	8.1	7.9
147°	11.6	11.2	10.2	8.9	9.3	8.5	8.4	8.3	8.3	7.9	7.7
148°	11.2	10.7	9.8	8.6	9.7	8.3	7.9	8.2	8.1	7.6	7.5
149°	11.4	10.4	9.1	8.2	9.1	8.1	7.7	8.0	7.9	7.4	7.2
150°	11.3	10.2	8.9	8.0	8.3	8.0	7.6	7.8	7.6	7.2	7.0
151°	10.6	10.0	8.8	7.8	7.8	8.0	7.5	7.6	7.4	6.9	6.7
152°	10.2	9.6	8.3	7.7	7.7	7.8	7.2	7.3	7.1	6.7	6.5
153°	9.7	9.4	8.0	7.5	7.8	7.2	7.0	7.0	6.9	6.5	6.3
154°	9.4	9.0	8.0	7.4	7.6	7.1	6.7	6.7	6.8	6.3	6.1
155°	9.0	8.5	7.7	7.3	7.3	6.7	6.4	6.6	6.6	6.1	5.9
156°	8.5	8.3	7.6	7.2	7.0	6.5	6.3	6.4	6.4	6.0	5.7
157°	8.2	8.0	7.5	7.0	6.9	6.5	6.2	6.2	6.2	5.8	5.5
158°	8.0	7.8	7.1	6.8	6.7	6.3	5.9	5.9	5.9	5.6	5.3
159°	7.8	7.6	6.9	6.6	6.4	5.9	5.7	5.6	5.6	5.3	5.1
160°	7.6	7.3	6.6	6.2	6.2	5.7	5.4	5.3	5.3	5.1	4.9
161°	7.5	7.0	6.5	6.1	6.0	5.4	5.2	5.1	5.0	4.9	4.7
162°	7.4	6.8	6.3	5.9	5.7	5.2	5.0	4.9	4.8	4.7	4.4
163°	7.0	6.5	6.0	5.8	5.5	5.0	4.7	4.6	4.6	4.5	4.2
164°	6.7	6.2	5.7	5.4	5.3	4.8	4.5	4.4	4.4	4.3	4.0
165°	6.5	6.0	5.5	5.2	5.0	4.6	4.3	4.2	4.2	4.1	3.8
166°	6.1	5.7	5.2	5.0	4.7	4.4	4.1	4.0	4.0	3.9	3.6
167°	5.8	5.5	5.0	4.8	4.5	4.1	3.8	3.8	3.8	3.6	3.4
168°	5.5	5.1	4.8	4.5	4.3	3.9	3.6	3.6	3.5	3.4	3.2
169°	5.2	4.8	4.6	4.2	4.0	3.6	3.4	3.3	3.3	3.1	3.0
170°	4.7	4.5	4.3	4.0	3.7	3.3	3.1	3.1	3.0	2.8	2.8
171°	4.1	4.0	3.9	3.6	3.3	3.0	2.8	2.8	2.7	2.6	2.6
172°	3.5	3.5	3.4	3.1	2.8	2.6	2.4	2.4	2.4	2.3	2.3
173°	2.8	2.8	2.7	2.5	2.2	2.2	2.1	2.1	2.1	2.1	2.0
174°	2.1	2.1	2.0	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
175°	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
176°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9
177°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
178°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
179°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5



REPORT NUMBER: P1192953
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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
2°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.2
3°	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.3
4°	0.4	0.5	0.6	0.7	0.7	0.7	0.8	0.7	0.7	0.6	0.7
5°	0.6	0.7	0.8	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.4
6°	1.1	1.2	1.4	1.6	1.9	2.1	2.2	2.1	2.2	2.3	2.6
7°	2.2	2.3	2.5	2.9	3.5	6.9	6.8	4.2	4.5	5.1	6.3
8°	7.3	7.3	7.8	8.0	9.1	11.8	11.4	8.5	9.5	11.4	12.4
9°	12.4	12.3	13.0	13.0	14.7	16.6	16.0	14.7	14.6	16.9	17.8
10°	17.7	17.3	18.4	18.2	21.1	23.6	22.9	25.0	25.8	27.8	28.4
11°	27.1	26.9	27.9	29.6	31.7	33.6	32.8	35.4	37.1	38.8	39.0
12°	41.0	41.0	40.7	42.2	45.3	44.7	47.3	45.9	48.3	49.8	49.7
13°	52.2	52.7	52.9	52.2	54.7	58.2	64.4	58.3	61.2	62.6	66.6
14°	68.2	70.8	69.2	66.4	68.5	78.4	78.5	83.9	80.8	79.1	85.3
15°	83.3	91.4	91.2	83.6	90.3	99.4	102.0	99.9	103.3	107.9	108.1
16°	104.6	112.0	113.3	106.8	112.0	120.4	125.5	119.1	123.8	131.4	128.0
17°	125.9	132.8	135.4	130.0	133.7	141.5	148.9	151.6	149.4	146.7	138.4
18°	147.2	161.6	166.1	153.2	155.6	164.0	168.7	169.4	176.0	172.3	171.7
19°	164.8	179.4	188.6	179.0	180.4	195.5	193.0	197.2	215.6	210.8	205.7
20°	192.3	217.4	228.2	201.8	206.8	229.3	219.3	240.5	242.8	224.2	222.6
21°	220.5	239.9	254.6	228.3	233.8	232.4	244.9	253.2	262.2	246.5	243.7
22°	244.9	267.4	282.5	255.1	251.0	255.8	295.0	286.8	286.2	286.0	255.9
23°	262.2	290.8	307.9	280.5	276.3	275.5	309.3	306.5	310.4	304.5	279.1
24°	288.2	303.9	324.4	299.9	292.3	292.9	320.2	326.2	334.6	322.9	302.7
25°	306.8	323.5	346.1	315.3	308.5	308.8	332.9	345.8	341.4	341.3	326.2
26°	328.1	333.4	358.3	333.3	323.4	345.2	352.1	358.3	355.7	352.5	356.9
27°	335.5	342.9	376.1	342.6	357.9	370.1	363.0	368.1	369.2	370.3	370.9
28°	355.4	356.2	380.6	360.7	375.0	381.8	391.0	388.4	390.3	383.0	386.0
29°	373.9	364.8	402.2	389.5	395.5	392.6	407.0	400.3	396.7	413.2	418.3
30°	403.6	372.6	412.3	419.1	420.0	414.0	435.2	409.4	407.7	421.5	426.7
31°	425.3	388.6	422.2	433.5	427.7	445.1	452.4	420.4	418.4	443.1	448.7
32°	451.2	402.4	428.1	445.1	431.2	456.8	468.5	436.0	432.7	460.3	449.5
33°	466.1	419.4	447.8	467.1	450.1	471.2	494.3	454.5	450.9	480.2	473.5
34°	476.6	423.7	462.9	484.1	490.8	499.4	499.8	459.6	454.1	499.3	495.7
35°	479.7	432.7	477.8	494.3	529.6	531.6	501.2	469.7	471.9	503.5	533.8
36°	486.4	455.3	500.5	497.4	529.8	554.9	513.1	504.1	506.2	505.9	547.2
37°	497.7	527.6	534.7	506.5	540.2	551.8	527.8	584.6	553.1	520.2	552.2
38°	541.5	546.2	589.1	525.3	553.9	567.9	569.2	588.0	578.4	554.0	568.1
39°	555.8	557.4	594.8	585.0	565.4	610.3	590.7	593.2	585.5	586.4	593.4
40°	564.1	569.2	609.6	598.5	622.9	627.0	604.6	609.7	597.5	613.4	631.9
41°	575.3	578.7	617.9	624.4	619.4	632.3	618.2	620.1	617.1	642.3	636.6
42°	603.5	591.3	641.0	641.8	635.9	648.2	669.3	631.5	650.5	663.0	648.7
43°	621.1	623.4	654.4	651.8	648.2	661.3	679.0	670.7	659.9	670.1	670.2
44°	625.5	634.8	674.1	662.1	654.8	675.2	679.5	681.6	682.1	676.7	676.5

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	636.0	643.7	682.5	671.7	659.3	682.1	689.7	688.1	688.1	689.0	686.7
46°	647.9	657.6	691.3	683.3	669.2	684.9	702.7	695.5	697.1	697.8	697.7
47°	656.7	659.7	700.3	693.6	678.0	691.1	714.7	702.7	705.5	708.4	700.2
48°	660.1	666.7	711.2	703.7	683.2	698.2	720.7	706.9	712.3	720.7	702.2
49°	662.1	676.7	716.2	706.0	685.1	695.2	723.9	712.3	718.4	725.8	702.1
50°	664.0	677.4	715.7	706.8	687.6	692.9	727.3	716.0	721.2	720.1	700.2
51°	664.9	676.4	715.9	707.5	685.5	690.7	727.6	712.3	720.7	718.4	701.8
52°	665.9	676.2	718.3	703.6	687.5	688.5	725.3	711.7	717.8	717.0	699.1
53°	663.3	672.2	711.3	701.8	685.4	683.0	720.8	707.0	715.0	715.9	699.8
54°	661.7	667.2	705.8	695.6	680.9	677.7	710.1	703.0	709.8	710.0	692.8
55°	658.5	659.6	696.7	686.3	672.6	670.3	702.2	694.5	702.3	698.2	684.7
56°	656.1	653.0	689.3	674.4	661.5	664.4	689.5	682.8	691.8	690.4	676.0
57°	649.0	646.8	678.4	663.3	653.0	656.4	676.6	672.6	680.4	682.8	667.4
58°	640.7	636.9	667.3	652.5	641.7	649.1	664.2	661.7	667.3	670.8	656.7
59°	628.5	625.7	657.2	639.1	630.1	640.0	652.2	650.8	655.7	658.4	643.1
60°	615.3	612.9	643.0	628.5	617.5	627.5	640.4	639.8	645.0	644.1	626.7
61°	600.6	598.9	629.8	617.3	604.0	613.7	626.7	625.5	632.6	630.7	610.8
62°	590.5	583.1	614.4	604.3	590.9	598.3	610.5	611.7	615.1	617.7	597.7
63°	575.2	571.1	600.0	591.7	574.6	586.0	596.7	596.8	600.6	606.2	585.7
64°	562.2	553.3	584.2	576.2	560.7	568.7	580.9	581.9	588.7	592.1	571.8
65°	546.0	538.0	569.3	561.2	547.9	552.5	566.3	566.5	575.5	576.2	556.4
66°	532.4	524.1	553.4	545.1	532.7	536.8	553.3	551.7	559.6	560.9	540.5
67°	516.0	509.7	537.9	530.1	519.3	520.3	537.1	535.7	545.0	545.5	524.5
68°	503.4	495.7	522.7	513.9	503.7	507.4	521.9	519.7	529.7	527.8	508.3
69°	488.8	478.1	504.9	498.3	487.5	493.5	507.9	504.1	513.4	510.6	493.6
70°	473.7	466.1	489.6	481.4	473.0	478.2	492.0	490.3	495.7	493.3	476.2
71°	458.3	449.0	471.0	464.4	457.7	463.2	476.5	474.4	480.0	477.1	458.8
72°	442.4	432.2	452.3	447.5	443.6	445.9	458.4	458.4	461.6	459.3	441.0
73°	425.8	417.5	434.6	431.5	426.0	428.6	442.0	441.2	443.4	442.8	422.7
74°	409.8	399.2	414.5	413.0	407.0	409.8	423.7	423.4	424.4	424.4	405.1
75°	391.0	382.0	392.8	392.5	387.3	390.6	403.7	403.3	404.2	402.9	383.8
76°	372.0	362.3	373.5	371.6	368.8	369.6	382.8	383.0	382.3	381.0	364.6
77°	350.7	340.7	350.2	348.9	348.2	350.2	361.9	361.4	359.9	358.6	344.0
78°	330.9	319.7	326.7	327.2	328.2	330.7	342.2	340.0	337.8	336.9	322.3
79°	310.0	298.7	303.2	305.5	307.5	310.1	320.5	319.6	315.5	316.3	303.5
80°	289.1	277.7	279.8	283.8	286.7	289.5	298.9	298.7	293.9	295.7	283.6
81°	268.1	258.3	259.3	260.9	267.0	268.9	277.2	278.7	273.0	274.2	261.8
82°	245.2	238.2	237.1	238.4	245.4	247.7	252.7	256.2	250.5	249.7	241.2
83°	224.5	218.2	213.9	216.6	224.6	227.3	232.8	234.1	229.4	230.2	219.9
84°	203.7	198.4	194.1	196.2	204.8	208.0	211.4	212.5	208.7	209.3	201.1
85°	184.0	178.4	173.4	175.0	184.0	187.4	188.7	191.9	186.3	187.5	181.5
86°	163.9	160.1	154.9	156.4	166.5	169.6	169.9	171.2	166.1	168.4	160.8
87°	146.4	142.2	136.5	137.4	148.5	151.3	150.4	152.6	147.6	149.3	143.6
88°	132.3	129.0	122.7	122.0	134.2	135.4	134.9	137.9	132.9	135.0	133.1
89°	122.2	118.7	113.6	112.0	123.8	124.9	124.6	129.7	124.4	126.7	122.8

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	115.2	112.0	107.2	105.0	116.2	116.8	117.1	121.4	116.0	118.6	112.4
91°	109.0	106.0	101.7	99.0	109.4	109.9	110.8	113.2	110.0	110.4	105.5
92°	102.2	99.7	96.1	93.1	102.7	102.9	104.3	106.8	103.8	104.1	99.7
93°	94.8	92.6	89.5	86.7	95.2	95.4	97.2	99.5	97.4	96.9	92.8
94°	86.9	84.8	82.3	79.9	87.4	87.9	89.7	91.7	89.8	89.3	85.5
95°	78.5	76.6	74.4	73.1	79.6	79.8	81.5	83.5	82.6	81.9	78.3
96°	71.0	68.8	67.1	66.3	71.9	72.3	73.9	75.4	75.0	73.9	70.6
97°	64.1	62.0	60.4	60.1	65.1	65.4	66.8	68.1	67.7	67.1	64.5
98°	58.0	55.6	54.4	54.9	59.1	59.3	60.5	61.3	61.6	60.7	58.7
99°	52.9	50.5	49.2	50.1	53.9	54.1	55.2	55.7	55.9	55.4	53.5
100°	48.4	46.1	45.2	46.3	49.6	49.8	50.6	50.9	51.4	50.9	49.6
101°	44.8	42.4	41.9	43.1	46.2	46.2	46.8	47.0	47.7	47.1	45.8
102°	41.8	39.6	39.1	40.6	43.3	43.3	43.9	43.9	44.5	44.2	43.1
103°	39.4	37.2	36.9	38.5	40.9	40.9	41.3	41.3	42.1	41.6	40.7
104°	37.4	35.4	35.3	36.8	39.0	38.9	39.3	39.0	40.0	39.5	38.6
105°	35.8	33.9	33.9	35.4	37.4	37.3	37.6	37.3	38.2	37.8	37.0
106°	34.3	32.7	32.7	34.0	36.0	35.8	36.0	35.7	36.7	36.1	35.4
107°	33.0	31.6	31.4	32.8	34.7	34.4	34.6	34.3	35.2	34.6	34.0
108°	31.7	30.5	30.3	31.6	33.4	33.2	33.2	33.0	34.0	33.2	32.7
109°	30.5	29.5	29.3	30.5	32.1	32.0	31.9	31.7	32.7	31.9	31.4
110°	29.3	28.4	28.0	29.3	30.8	30.8	30.6	30.5	31.3	30.6	30.2
111°	28.0	27.3	26.8	28.0	29.6	29.5	29.3	29.1	30.1	29.2	28.9
112°	26.7	26.2	25.6	26.6	28.1	28.1	27.9	27.9	28.8	27.9	27.6
113°	25.5	25.1	24.3	25.3	26.7	26.8	26.6	26.7	27.5	26.7	26.4
114°	24.2	23.8	23.0	24.0	25.3	25.4	25.2	25.4	26.2	25.3	25.1
115°	22.9	22.7	21.7	22.6	23.8	24.0	24.0	24.1	24.9	24.1	23.8
116°	21.6	21.4	20.5	21.3	22.4	22.7	22.7	22.8	23.7	22.9	22.7
117°	20.5	20.2	19.3	20.0	21.1	21.4	21.4	21.6	22.4	21.6	21.4
118°	19.3	19.0	18.1	18.7	19.7	20.1	20.3	20.5	21.3	20.6	20.4
119°	18.2	17.9	17.0	17.6	18.5	19.0	19.1	19.4	20.2	19.6	19.4
120°	17.2	16.9	16.1	16.6	17.4	17.9	18.2	18.5	19.2	18.7	18.5
121°	16.3	16.0	15.2	15.7	16.4	17.0	17.3	17.6	18.4	17.9	17.9
122°	15.5	15.2	14.5	14.9	15.6	16.2	16.5	16.8	17.6	17.2	17.2
123°	14.8	14.4	13.8	14.2	14.9	15.5	15.9	16.2	17.0	16.7	16.6
124°	14.2	13.8	13.3	13.6	14.4	15.0	15.3	15.8	16.6	16.3	16.2
125°	13.6	13.3	12.8	13.1	13.9	14.7	15.0	15.5	16.2	16.1	15.8
126°	13.2	12.9	12.4	12.8	13.6	14.5	14.9	15.3	16.2	16.0	15.6
127°	12.8	12.6	12.2	12.6	13.4	14.3	14.9	15.3	16.2	15.8	15.3
128°	12.4	12.2	12.1	12.4	13.3	14.3	14.8	15.4	16.2	15.7	15.3
129°	12.2	12.0	11.9	12.4	13.1	14.2	14.8	15.4	16.3	15.6	15.2
130°	12.0	11.7	11.6	12.2	13.0	14.1	14.7	15.3	16.0	15.4	15.1
131°	11.7	11.5	11.5	12.1	12.9	14.1	14.6	15.3	15.8	15.2	14.9
132°	11.5	11.4	11.3	11.9	12.9	14.1	14.6	15.0	15.5	15.0	14.8
133°	11.3	11.2	11.2	11.8	12.8	14.0	14.5	14.7	15.1	14.5	14.4
134°	11.1	11.0	11.1	11.7	12.8	14.0	14.2	14.3	14.6	14.1	14.1

REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	10.9	10.9	11.0	11.7	12.7	13.6	13.9	13.9	14.1	13.7	13.6
136°	10.6	10.8	10.7	11.4	12.3	13.2	13.5	13.5	13.7	13.4	13.4
137°	10.3	10.5	10.3	11.0	11.8	12.6	13.0	13.1	13.3	13.1	13.2
138°	10.0	10.1	10.0	10.5	11.3	12.0	12.4	12.7	12.9	12.7	12.9
139°	9.7	9.7	9.6	10.0	10.7	11.4	11.8	12.2	12.6	12.3	12.6
140°	9.4	9.4	9.3	9.6	10.3	10.9	11.2	11.8	12.4	12.1	12.4
141°	9.1	9.1	9.0	9.2	9.8	10.5	10.7	11.3	12.2	11.9	12.0
142°	8.8	8.8	8.6	8.9	9.4	10.1	10.4	11.0	11.7	11.7	11.7
143°	8.6	8.6	8.3	8.6	9.1	9.8	10.1	10.6	11.3	11.5	11.6
144°	8.4	8.3	8.1	8.3	8.8	9.4	9.8	10.4	11.2	11.5	11.8
145°	8.1	8.0	7.9	8.0	8.4	9.0	9.5	10.1	11.2	11.4	11.8
146°	7.9	7.8	7.7	7.8	8.1	8.7	9.3	9.9	10.8	11.2	12.3
147°	7.6	7.5	7.4	7.5	7.9	8.5	9.0	9.8	10.6	11.2	11.3
148°	7.4	7.3	7.2	7.2	7.6	8.2	8.7	9.7	10.4	10.8	10.9
149°	7.1	7.1	7.0	6.9	7.3	8.0	8.6	9.5	10.2	10.8	10.5
150°	6.9	6.9	6.8	6.7	7.1	7.6	8.5	9.1	10.0	10.5	9.9
151°	6.7	6.6	6.6	6.5	6.8	7.3	8.0	8.6	9.6	9.9	9.9
152°	6.5	6.4	6.3	6.2	6.6	7.2	7.6	8.3	9.1	9.4	9.6
153°	6.2	6.2	6.1	6.0	6.4	6.8	7.5	7.9	8.7	9.0	9.3
154°	6.0	6.0	5.9	5.7	6.1	6.6	7.2	7.6	8.3	8.9	9.0
155°	5.8	5.8	5.7	5.5	5.9	6.4	6.9	7.3	8.0	8.5	8.6
156°	5.6	5.6	5.5	5.3	5.7	6.1	6.7	7.1	7.7	8.1	8.3
157°	5.4	5.4	5.3	5.1	5.5	6.0	6.4	6.8	7.5	7.9	8.3
158°	5.2	5.2	5.1	5.0	5.3	5.7	6.1	6.6	7.1	7.8	7.9
159°	5.0	5.0	4.9	4.8	5.0	5.5	5.8	6.2	6.8	7.2	7.5
160°	4.8	4.8	4.7	4.7	4.8	5.2	5.6	5.9	6.5	6.9	7.3
161°	4.6	4.6	4.6	4.5	4.5	4.9	5.4	5.7	6.1	6.6	7.1
162°	4.4	4.4	4.4	4.3	4.3	4.7	5.1	5.4	5.9	6.4	6.8
163°	4.2	4.2	4.2	4.1	4.1	4.5	4.8	5.3	5.6	6.1	6.6
164°	4.0	4.0	4.0	3.9	3.9	4.2	4.6	5.0	5.3	5.8	6.2
165°	3.7	3.8	3.8	3.7	3.7	3.9	4.3	4.8	5.1	5.6	5.8
166°	3.5	3.6	3.6	3.5	3.5	3.6	4.0	4.6	4.8	5.3	5.5
167°	3.3	3.4	3.4	3.3	3.3	3.4	3.7	4.4	4.6	5.0	5.2
168°	3.1	3.1	3.1	3.0	3.0	3.1	3.4	4.1	4.3	4.7	4.9
169°	2.9	2.8	2.9	2.8	2.8	2.8	3.1	3.8	4.1	4.4	4.6
170°	2.7	2.5	2.6	2.6	2.6	2.5	2.8	3.4	3.8	4.1	4.2
171°	2.4	2.3	2.3	2.3	2.3	2.2	2.5	3.1	3.4	3.7	3.8
172°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.7	3.0	3.2	3.3
173°	1.9	1.7	1.7	1.7	1.7	1.7	1.9	2.2	2.5	2.7	2.8
174°	1.6	1.4	1.4	1.4	1.4	1.4	1.6	1.7	2.0	2.1	2.1
175°	1.2	1.1	1.0	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.5
176°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
177°	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5
178°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
179°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5



REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

180°	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	0.2	0.2	0.2
1°	0.2	0.2	0.2
2°	0.2	0.1	0.1
3°	0.3	0.3	0.2
4°	0.7	0.6	0.5
5°	1.4	1.4	1.2
6°	2.7	2.7	2.7
7°	5.7	5.4	5.4
8°	11.4	10.8	10.0
9°	16.8	17.4	18.9
10°	27.2	27.8	30.6
11°	37.7	38.2	42.4
12°	48.1	48.6	54.2
13°	61.8	69.3	70.1
14°	83.1	87.8	94.0
15°	101.2	94.3	109.0
16°	114.1	129.7	125.1
17°	133.3	154.0	155.8
18°	164.0	169.6	181.6
19°	198.9	217.4	218.8
20°	226.5	230.2	244.6
21°	248.2	259.4	266.5
22°	256.5	282.3	290.7
23°	284.9	299.8	314.9
24°	313.6	317.3	339.0
25°	342.3	334.7	349.4
26°	348.8	354.3	364.6
27°	369.1	374.3	382.1
28°	386.5	396.6	390.5
29°	399.8	416.8	401.3
30°	422.2	432.9	414.9
31°	431.9	446.6	425.1
32°	458.5	473.8	437.6
33°	488.6	496.4	446.5
34°	513.0	497.4	456.6
35°	528.4	501.8	461.6
36°	547.2	510.7	518.8
37°	566.6	551.8	558.7
38°	592.6	580.5	572.8
39°	628.0	589.7	585.8
40°	635.5	608.2	598.2
41°	650.1	631.3	607.6
42°	659.5	649.0	629.8
43°	667.5	654.4	658.6
44°	678.8	678.1	668.4

REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	684.9	688.6	681.3
46°	692.4	703.8	693.0
47°	699.1	710.1	700.4
48°	702.4	716.5	705.1
49°	701.5	721.5	711.8
50°	704.2	722.0	709.4
51°	708.1	721.5	711.8
52°	701.2	717.7	709.6
53°	692.5	713.6	701.1
54°	684.7	708.8	697.6
55°	676.9	701.9	690.6
56°	666.6	693.3	680.8
57°	659.5	679.9	671.6
58°	648.1	665.6	657.7
59°	633.9	650.3	646.0
60°	620.0	637.5	633.3
61°	607.0	624.2	619.2
62°	591.1	607.6	604.5
63°	578.2	593.9	588.2
64°	563.8	579.2	574.2
65°	549.0	564.4	559.1
66°	533.6	548.8	542.3
67°	519.0	532.4	526.2
68°	504.8	515.0	510.5
69°	488.2	500.4	495.7
70°	470.1	485.3	480.8
71°	454.0	468.7	464.1
72°	437.8	451.1	446.2
73°	420.9	433.8	429.4
74°	403.1	415.6	413.2
75°	383.4	393.8	392.8
76°	363.8	370.8	372.0
77°	342.8	350.0	351.1
78°	321.0	328.5	330.1
79°	301.6	306.8	307.7
80°	283.4	284.9	287.0
81°	262.3	263.4	266.6
82°	241.0	241.7	242.0
83°	220.5	221.8	219.7
84°	199.2	200.5	200.9
85°	180.0	181.1	180.5
86°	160.1	161.2	161.1
87°	141.9	143.9	143.1
88°	131.8	133.3	132.6
89°	121.7	122.8	122.4

REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	111.6	112.4	112.2
91°	105.1	106.2	105.8
92°	99.0	99.8	99.2
93°	92.0	93.1	92.5
94°	85.0	85.8	84.8
95°	77.3	77.9	77.2
96°	70.4	70.6	70.1
97°	63.8	64.1	63.2
98°	58.2	58.4	57.5
99°	53.4	53.5	52.3
100°	49.4	49.1	48.1
101°	45.9	45.8	44.6
102°	43.2	43.0	41.8
103°	40.9	40.7	39.7
104°	39.0	38.7	37.7
105°	37.3	37.0	36.2
106°	35.8	35.6	34.7
107°	34.4	34.1	33.3
108°	33.0	32.8	32.1
109°	31.6	31.5	30.8
110°	30.3	30.1	29.5
111°	28.9	28.8	28.3
112°	27.6	27.4	27.0
113°	26.2	26.1	25.8
114°	24.9	24.8	24.6
115°	23.6	23.5	23.4
116°	22.4	22.3	22.3
117°	21.3	21.2	21.3
118°	20.3	20.1	20.2
119°	19.3	19.1	19.3
120°	18.4	18.2	18.4
121°	17.6	17.4	17.6
122°	17.0	16.7	16.9
123°	16.5	16.1	16.4
124°	16.0	15.6	15.9
125°	15.5	15.2	15.4
126°	15.2	14.9	15.1
127°	15.1	14.6	14.8
128°	14.9	14.4	14.5
129°	14.7	14.3	14.2
130°	14.6	14.3	14.1
131°	14.5	14.1	14.1
132°	14.4	13.9	13.9
133°	14.2	13.8	13.7
134°	14.0	13.5	13.4

REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	13.6	13.2	13.2
136°	13.4	13.2	12.9
137°	13.2	13.0	12.8
138°	13.0	12.8	12.7
139°	12.8	12.7	12.6
140°	12.7	12.4	12.6
141°	12.4	12.3	12.7
142°	12.0	12.1	12.8
143°	11.7	12.0	12.6
144°	11.7	12.3	12.1
145°	11.4	12.4	12.0
146°	11.0	11.8	12.1
147°	10.8	11.3	11.6
148°	10.5	11.1	11.2
149°	10.0	10.6	11.4
150°	9.6	10.1	11.3
151°	9.4	9.9	10.6
152°	9.3	9.4	10.2
153°	9.0	9.0	9.7
154°	8.7	8.9	9.4
155°	8.7	8.9	9.0
156°	8.4	8.8	8.5
157°	8.1	8.6	8.2
158°	7.9	8.1	8.0
159°	7.7	7.8	7.8
160°	7.5	7.7	7.6
161°	7.3	7.5	7.5
162°	7.1	7.2	7.4
163°	6.8	7.0	7.0
164°	6.5	6.8	6.7
165°	6.2	6.4	6.5
166°	5.9	6.1	6.1
167°	5.6	5.8	5.8
168°	5.3	5.4	5.5
169°	4.9	5.0	5.2
170°	4.4	4.6	4.7
171°	3.9	4.2	4.1
172°	3.4	3.6	3.5
173°	2.8	2.9	2.8
174°	2.2	2.2	2.1
175°	1.5	1.5	1.4
176°	0.8	0.9	0.8
177°	0.5	0.5	0.5
178°	0.5	0.5	0.5
179°	0.5	0.5	0.5

REPORT NUMBER: P1192953
CATALOG NUMBER: BOLD42-25S-BZ-20W-4000K

CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.5	0.5	0.5

(END OF REPORT)