

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: P1192949

Luminaire Tested: BOLD42-25S-BZ-15W-3000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192949
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-15W-3000K
Description: Dome Shaped Bollard, 42" length, 15W, BZ at 3000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

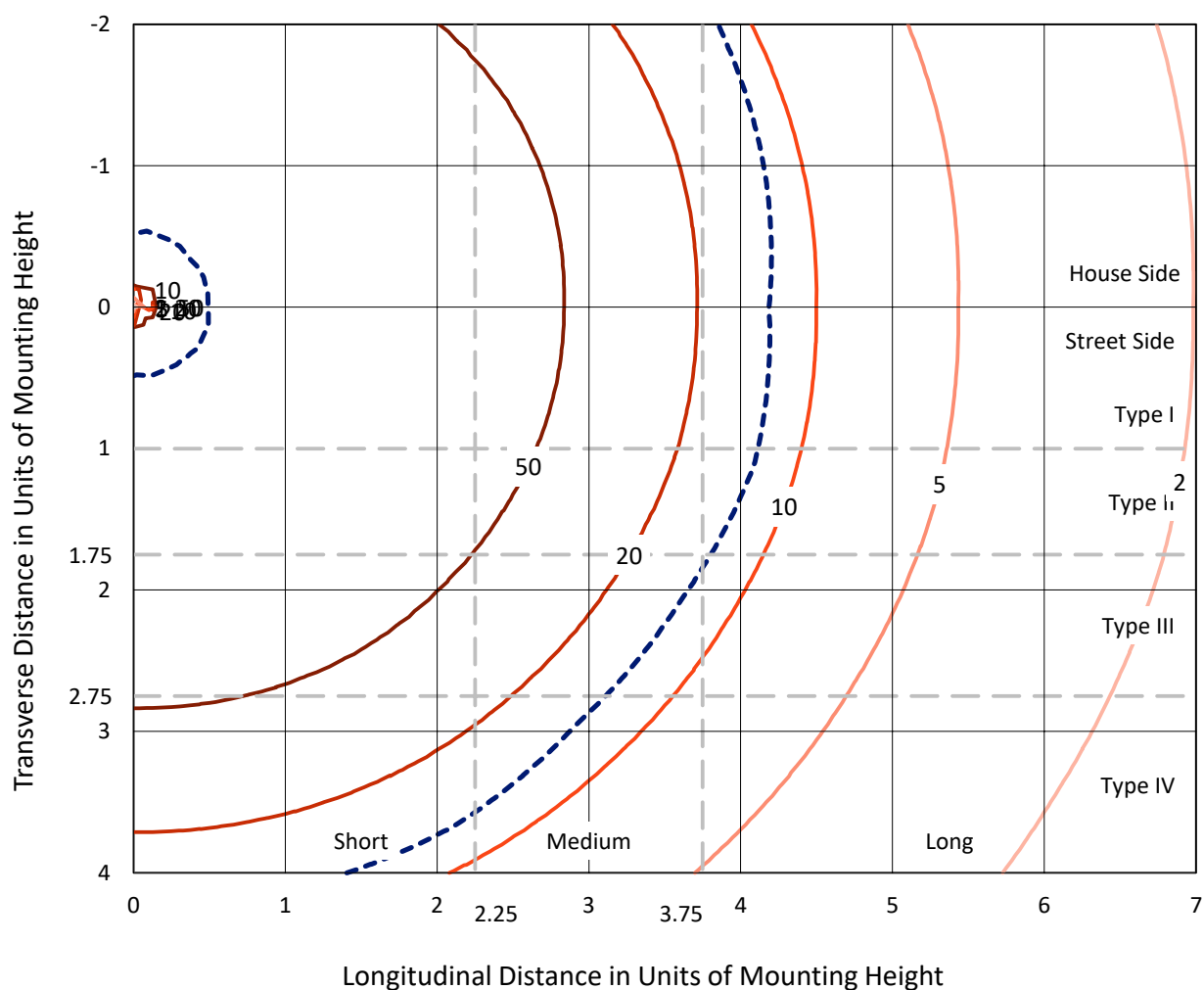
Lumens per Lamp: 2153.4 (1 lamp)
Luminaire Lumens: 2153.4 lumens
Efficiency: 100.0%
Efficacy: 145.5 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B1 - U3 - G1

Input Watts (W): 14.8
Input Voltage (V): 122
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: >0.9
Total Harmonic Distortion (THDi): <20
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

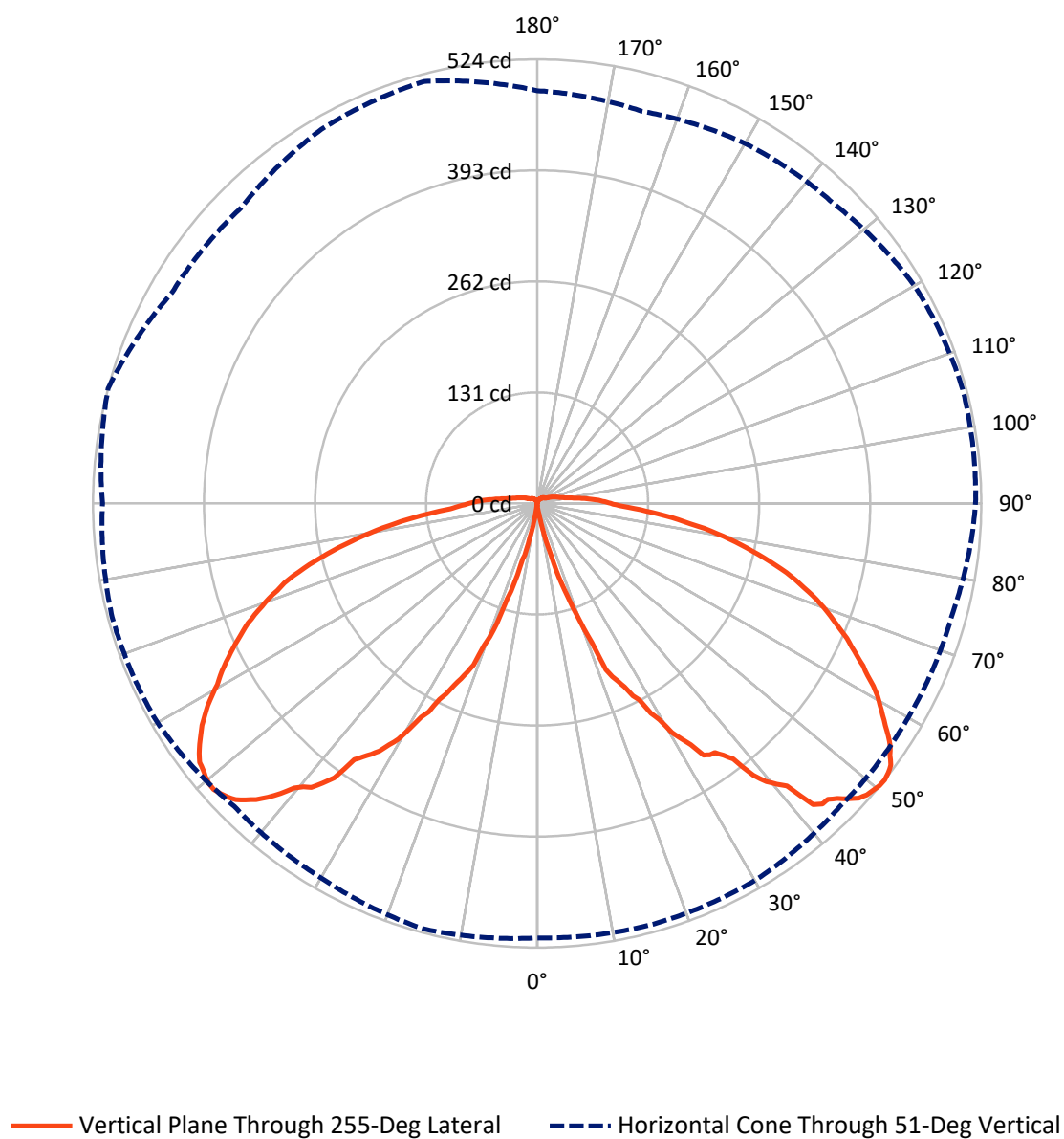
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 873.4 fc
 Type V - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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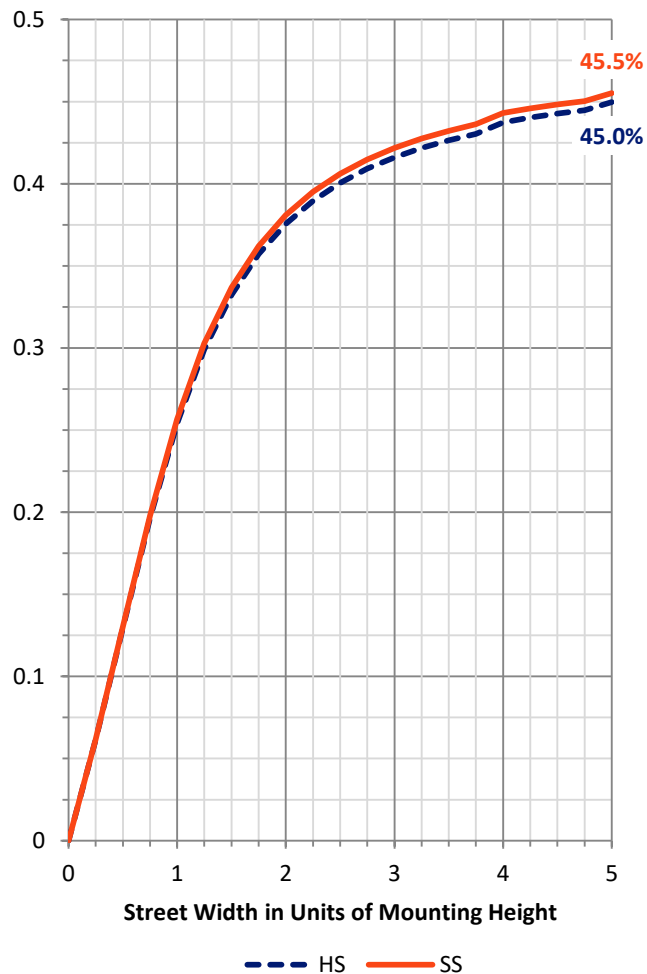
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1003.6	65.3	1069.0
	% Lamp	46.6	3.0	49.6
Street Side	Lumens	1017.3	67.1	1084.4
	% Lamp	47.2	3.1	50.4
Total	Lumens	2020.9	132.5	2153.4
	% Lamp	93.8	6.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.5	0.0	0.0
10°-20°	23.9	1.1	1.1
20°-30°	110.8	5.1	5.1
30°-40°	230.7	10.7	10.7
40°-50°	375.7	17.4	17.4
50°-60°	437.3	20.3	20.3
60°-70°	397.5	18.5	18.5
70°-80°	296.7	13.8	13.8
80°-90°	147.7	6.9	6.9
90°-100°	62.8	2.9	2.9
100°-110°	28.5	1.3	1.3
110°-120°	16.7	0.8	0.8
120°-130°	9.7	0.4	0.4
130°-140°	7.0	0.3	0.3
140°-150°	4.4	0.2	0.2
150°-160°	2.4	0.1	0.1
160°-170°	1.0	0.0	0.0
170°-180°	0.1	0.0	0.0
0°-90°	2020.9	93.8	93.8
0°-180°	2153.4	100.0	100.0

Coefficient of Utilization



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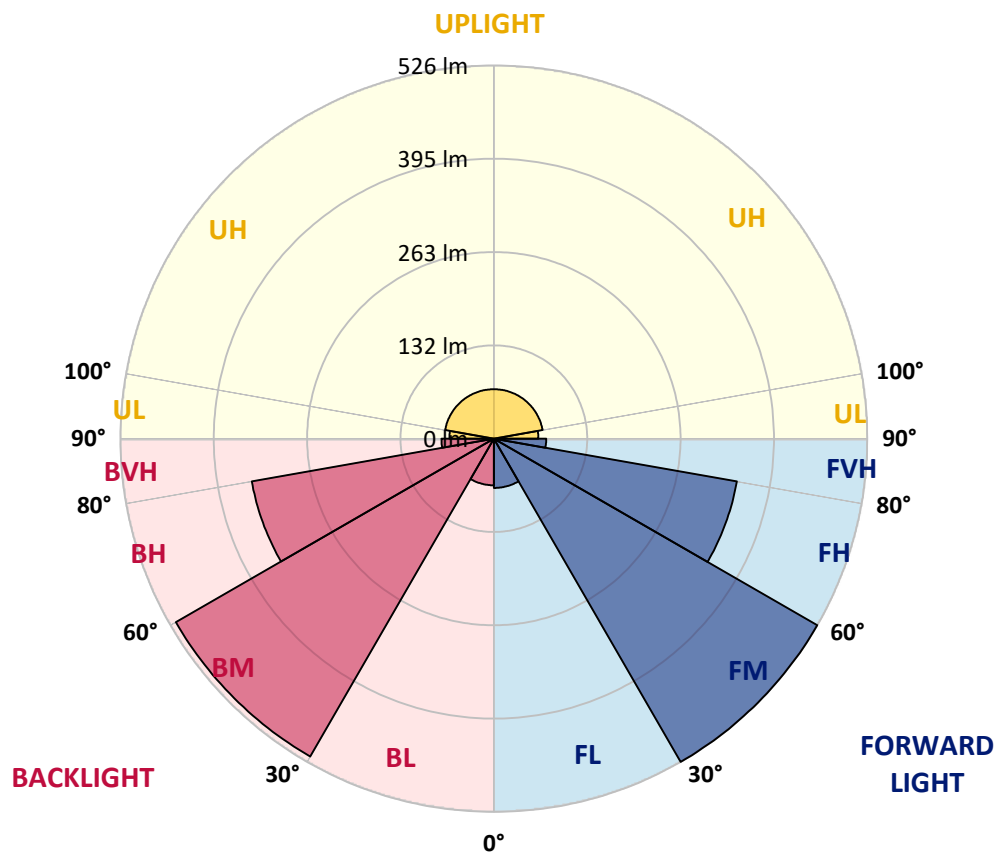
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	69.5	3.2			
FM	(30°-60°)	526.3	24.4			
FH	(60°-80°)	347.8	16.1			G0/660
FVH	(80°-90°)	73.8	3.4			G1/100
BL	(0°-30°)	65.8	3.1	B0/110		
BM	(30°-60°)	517.5	24.0	B1/1000		
BH	(60°-80°)	346.4	16.1	B1/500		G0/660
BVH	(80°-90°)	73.9	3.4			G1/100
UL	(90°-100°)	62.8	2.9		U3/500	
UH	(100°-180°)	69.7	3.2		U3/500	
Trapped Light		0.0	0.0			

BUG Rating: B1-U3-G1

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
2°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
3°	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2
4°	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3
5°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.5
6°	1.9	1.8	1.6	1.5	1.3	1.1	0.9	0.8	0.9	0.8	0.8
7°	3.9	3.2	3.1	2.9	2.6	2.3	1.7	1.5	1.6	1.7	1.6
8°	7.2	7.3	7.6	8.0	7.3	6.7	5.5	5.3	5.6	5.4	5.6
9°	13.6	13.6	13.0	13.0	12.5	10.5	9.3	9.1	9.6	9.1	9.7
10°	22.0	21.4	20.8	20.7	20.1	18.4	13.2	13.0	13.6	12.9	13.7
11°	30.5	29.2	28.7	28.4	27.6	26.4	20.8	20.0	19.7	19.8	19.8
12°	39.0	37.0	36.5	36.1	35.2	34.4	30.8	30.5	33.1	29.8	29.9
13°	50.4	47.5	47.6	46.5	43.7	48.6	40.5	40.8	41.8	36.7	38.7
14°	67.6	62.4	57.8	60.5	59.7	62.5	59.8	53.4	49.7	48.4	49.1
15°	78.4	75.4	73.6	74.8	70.6	67.5	76.4	69.2	65.5	63.2	63.0
16°	90.0	93.4	94.8	93.8	85.8	87.2	93.0	85.0	80.3	78.2	75.9
17°	112.1	120.9	105.7	107.8	111.2	107.9	109.5	100.8	95.2	93.4	88.9
18°	130.6	135.1	129.1	117.5	121.8	118.3	120.6	118.0	115.0	112.0	101.9
19°	157.4	151.3	153.2	149.0	137.4	148.5	138.7	140.2	140.1	128.9	120.3
20°	176.0	178.0	165.0	167.1	162.7	166.8	174.4	165.2	159.4	149.8	141.1
21°	191.7	199.8	189.9	176.9	180.0	178.7	180.6	184.0	178.1	166.5	162.0
22°	209.1	214.3	199.2	198.0	191.0	204.6	199.5	208.3	189.4	180.7	184.2
23°	226.5	228.7	215.5	211.1	204.6	214.9	223.9	215.8	208.9	201.5	188.9
24°	243.9	243.2	231.8	223.9	218.2	225.1	232.7	236.8	226.1	209.5	206.7
25°	251.4	255.8	248.2	236.7	231.8	235.4	248.7	250.7	241.5	232.4	225.4
26°	262.3	264.0	256.8	257.8	254.8	248.5	257.6	259.8	247.0	238.2	236.1
27°	274.9	264.9	274.9	271.7	266.1	257.8	268.1	263.3	262.7	255.4	248.7
28°	281.0	275.6	283.7	282.3	276.7	276.8	274.6	277.8	272.3	274.4	263.1
29°	288.7	286.6	295.8	294.0	293.1	286.4	286.0	280.4	285.8	279.5	276.4
30°	298.5	299.0	309.0	311.5	298.3	305.0	299.8	282.2	304.5	295.4	286.9
31°	305.9	304.6	327.6	317.4	321.6	322.4	309.0	294.0	320.8	312.8	300.8
32°	314.8	313.6	332.9	324.5	330.4	333.6	319.4	304.4	329.2	316.4	318.8
33°	321.2	326.1	347.2	344.8	347.7	346.0	327.0	315.4	331.3	331.3	329.0
34°	328.5	336.6	363.1	367.8	360.0	354.4	332.1	324.4	349.6	352.8	348.3
35°	332.1	349.4	367.4	386.9	375.8	362.5	339.4	339.3	356.2	400.3	363.0
36°	373.2	371.3	371.8	393.0	410.4	370.9	365.1	367.5	361.7	403.5	379.5
37°	402.0	392.9	375.0	402.6	417.7	402.2	416.7	386.9	373.7	402.8	393.6
38°	412.1	414.6	398.3	411.5	449.1	415.3	427.1	421.1	392.3	412.0	404.9
39°	421.5	430.5	429.0	420.8	456.2	427.7	435.3	430.7	423.1	423.9	433.6
40°	430.4	436.1	446.6	446.6	468.9	433.0	440.9	435.9	433.4	451.5	443.9
41°	437.1	443.4	473.4	464.1	473.5	441.2	449.8	449.1	461.3	465.9	452.7
42°	453.1	461.8	473.1	468.4	483.0	456.6	464.0	470.9	472.2	473.8	462.5
43°	473.8	472.4	481.6	473.3	486.0	470.0	486.3	484.2	477.8	472.9	468.1
44°	480.9	485.7	488.2	481.3	491.9	481.1	494.0	489.6	484.7	481.3	472.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	490.1	496.4	494.3	486.1	499.5	490.0	500.8	498.6	494.3	490.3	479.1
46°	498.6	503.9	498.8	489.9	503.4	498.3	507.4	507.3	498.4	493.3	481.1
47°	503.9	507.2	504.9	493.8	505.7	502.8	511.4	508.3	503.5	497.0	484.8
48°	507.3	508.6	509.9	494.8	508.4	506.3	514.8	509.3	508.6	499.7	488.8
49°	512.1	511.6	511.2	500.1	508.7	508.9	515.1	515.0	510.2	499.3	490.0
50°	510.4	514.8	513.6	506.1	508.5	508.6	517.4	517.5	515.8	497.6	491.6
51°	512.1	514.4	513.3	505.0	505.0	506.4	516.8	519.4	513.6	497.3	490.0
52°	510.5	513.4	508.4	501.3	501.2	503.3	513.6	518.8	509.8	496.1	488.4
53°	504.4	510.5	503.9	497.6	494.4	501.2	507.6	513.6	509.7	495.0	481.6
54°	501.9	505.1	500.6	492.1	490.4	495.5	503.4	507.0	505.6	486.5	477.2
55°	496.8	498.8	495.1	488.1	482.6	488.5	497.7	499.1	500.3	483.0	472.7
56°	489.8	490.5	489.3	481.0	476.5	480.8	488.5	493.6	493.1	480.1	466.9
57°	483.2	482.9	483.8	470.9	467.9	473.6	478.9	482.0	485.8	473.1	464.1
58°	473.2	474.7	476.5	461.7	458.7	464.3	469.9	475.1	477.3	462.6	455.3
59°	464.8	466.8	467.6	453.2	451.1	455.4	460.0	464.5	467.5	455.9	446.6
60°	455.6	459.3	458.5	445.5	444.0	444.3	448.8	454.9	458.6	444.8	438.4
61°	445.5	449.4	449.6	436.4	435.9	433.0	439.7	445.2	449.2	433.9	431.3
62°	434.9	438.4	440.5	425.2	426.8	425.1	429.5	436.5	440.1	426.7	422.0
63°	423.2	428.8	429.9	416.0	415.2	415.8	418.6	426.2	432.6	416.2	413.0
64°	413.1	417.6	419.8	408.2	404.9	406.7	408.5	416.1	422.1	407.9	403.3
65°	402.3	406.1	409.6	397.2	395.8	397.4	398.9	406.8	410.0	397.0	392.6
66°	390.2	395.1	399.0	387.4	386.2	387.8	388.2	396.6	399.4	388.8	382.3
67°	378.6	383.8	387.1	377.7	375.5	378.3	378.5	387.1	388.7	378.6	372.8
68°	367.2	372.0	374.7	367.7	365.9	368.8	368.1	375.8	378.4	368.6	362.8
69°	356.6	361.3	363.3	357.1	354.3	357.9	356.9	366.3	368.6	358.1	352.6
70°	345.9	349.8	351.8	344.9	342.5	345.9	345.9	352.9	356.8	347.1	342.7
71°	333.9	338.0	339.4	334.0	332.1	335.5	334.4	342.6	343.7	335.6	329.7
72°	321.0	325.4	326.4	320.8	320.2	323.1	322.3	330.0	331.1	322.9	317.7
73°	309.0	312.3	313.7	308.4	307.9	312.4	310.3	317.5	319.4	310.1	306.1
74°	297.3	299.1	299.9	294.6	294.9	299.7	296.6	302.9	306.2	297.3	293.2
75°	282.6	284.9	284.5	280.6	280.1	285.0	282.8	288.7	290.3	282.7	278.2
76°	267.6	270.4	269.6	265.7	266.3	270.0	267.2	272.5	274.9	267.2	265.5
77°	252.6	254.7	254.4	250.3	250.6	254.6	252.4	256.3	259.8	252.1	250.7
78°	237.5	237.8	237.8	235.2	235.5	239.5	236.2	240.4	244.2	238.4	235.8
79°	221.3	222.3	222.8	220.9	220.6	222.7	219.9	224.9	228.1	223.1	221.2
80°	206.5	207.7	209.0	205.9	205.1	207.8	203.6	209.5	212.0	207.9	206.7
81°	191.8	192.6	192.8	189.8	188.4	192.3	189.4	194.0	195.8	192.7	192.7
82°	174.1	177.3	176.2	173.5	173.2	175.6	172.8	177.3	179.1	176.8	176.6
83°	158.0	161.2	160.5	159.1	158.4	161.5	156.3	161.2	163.8	163.0	162.5
84°	144.6	147.0	146.9	143.5	143.2	144.6	142.3	146.5	148.8	147.7	148.3
85°	129.9	131.1	131.2	129.0	127.9	130.1	126.2	130.4	133.5	133.7	133.4
86°	115.9	117.1	116.6	115.6	114.5	116.1	112.2	116.1	119.1	119.7	120.0
87°	102.9	104.1	103.0	101.6	102.3	102.6	99.4	103.0	105.9	105.3	106.7
88°	95.4	96.3	95.4	94.7	95.2	95.8	90.6	94.1	95.6	96.4	96.9
89°	88.1	88.6	88.0	88.0	88.3	89.1	84.5	88.0	89.5	89.2	89.3

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	80.7	80.9	80.5	81.2	81.4	82.3	80.5	83.2	84.6	84.4	84.4
91°	76.1	76.1	75.7	76.8	76.8	77.8	76.3	78.9	80.0	79.7	79.4
92°	71.4	71.7	71.1	72.2	72.4	73.3	72.3	74.9	75.5	74.7	74.3
93°	66.6	66.7	66.2	67.2	67.1	68.0	67.6	70.0	70.0	69.2	69.0
94°	61.0	61.1	60.8	61.6	61.5	62.4	62.1	64.4	64.5	63.5	62.9
95°	55.6	55.6	55.4	56.1	56.1	56.6	56.8	59.1	58.7	57.5	56.9
96°	50.4	50.2	50.2	51.1	50.7	51.2	51.4	53.6	53.2	52.2	51.6
97°	45.5	45.4	45.5	46.2	46.3	46.6	46.6	48.9	48.4	47.2	46.6
98°	41.3	41.3	41.3	42.2	42.2	42.2	42.5	44.6	44.0	43.0	42.3
99°	37.6	37.5	37.7	38.7	38.6	38.6	38.6	40.6	40.2	39.4	38.6
100°	34.6	34.4	34.7	35.4	35.7	35.4	35.4	37.5	37.0	36.1	35.4
101°	32.1	31.8	32.0	32.8	32.9	32.6	32.6	34.5	34.1	33.4	32.7
102°	30.1	29.9	30.0	30.5	30.9	30.5	30.4	32.2	31.8	31.1	30.5
103°	28.5	28.2	28.3	28.7	29.1	28.6	28.6	30.4	29.8	29.1	28.6
104°	27.1	26.8	26.8	27.2	27.5	27.1	27.0	28.6	28.1	27.5	27.1
105°	26.0	25.6	25.6	25.8	26.1	25.8	25.6	27.3	26.7	26.1	25.8
106°	25.0	24.6	24.5	24.6	24.9	24.6	24.4	25.9	25.4	24.9	24.6
107°	24.0	23.6	23.4	23.5	23.8	23.5	23.3	24.8	24.2	23.8	23.6
108°	23.1	22.7	22.5	22.4	22.7	22.4	22.3	23.8	23.1	22.8	22.6
109°	22.2	21.8	21.5	21.5	21.7	21.4	21.4	22.7	22.0	21.8	21.7
110°	21.2	20.8	20.6	20.5	20.7	20.4	20.4	21.7	21.0	20.8	20.8
111°	20.3	20.0	19.7	19.6	19.8	19.4	19.4	20.7	20.0	19.8	19.9
112°	19.5	19.1	18.8	18.7	18.8	18.5	18.4	19.7	19.0	18.9	19.0
113°	18.6	18.2	17.9	17.8	17.8	17.5	17.5	18.7	18.1	17.9	18.0
114°	17.7	17.4	17.0	17.0	16.9	16.6	16.7	17.8	17.1	17.0	17.2
115°	16.8	16.5	16.2	16.1	16.0	15.7	15.7	16.9	16.2	16.1	16.3
116°	16.0	15.8	15.4	15.2	15.1	14.8	14.9	16.0	15.4	15.3	15.5
117°	15.3	15.0	14.6	14.5	14.3	13.9	14.1	15.1	14.6	14.5	14.7
118°	14.5	14.2	14.0	13.7	13.5	13.2	13.3	14.4	13.9	13.7	13.9
119°	13.9	13.5	13.3	13.0	12.8	12.4	12.6	13.6	13.2	13.0	13.2
120°	13.2	12.9	12.7	12.4	12.2	11.8	12.0	13.0	12.6	12.4	12.5
121°	12.6	12.4	12.1	11.8	11.6	11.2	11.4	12.4	12.0	11.8	11.9
122°	12.2	12.0	11.7	11.4	11.1	10.7	10.9	11.8	11.5	11.3	11.3
123°	11.8	11.6	11.4	11.1	10.7	10.3	10.5	11.4	11.1	10.8	10.8
124°	11.4	11.3	11.1	10.8	10.5	9.9	10.2	11.0	10.7	10.5	10.4
125°	11.1	11.0	10.9	10.6	10.2	9.6	9.9	10.6	10.4	10.1	10.0
126°	10.8	10.7	10.6	10.5	10.0	9.4	9.6	10.3	10.1	9.8	9.7
127°	10.6	10.5	10.5	10.3	9.9	9.3	9.4	10.1	9.9	9.5	9.4
128°	10.4	10.3	10.4	10.2	9.8	9.2	9.2	9.8	9.6	9.3	9.2
129°	10.2	10.2	10.2	10.2	9.8	9.1	9.1	9.6	9.5	9.1	9.0
130°	10.2	10.1	10.1	10.1	9.7	9.1	9.0	9.4	9.3	8.9	8.8
131°	10.1	10.1	10.1	10.1	9.7	9.0	9.0	9.3	9.2	8.9	8.7
132°	10.0	10.0	10.1	10.1	9.6	9.0	8.9	9.2	9.1	8.8	8.6
133°	9.9	9.9	10.0	10.0	9.5	8.9	8.7	9.1	9.0	8.7	8.4
134°	9.7	9.6	9.6	9.8	9.3	8.6	8.5	9.0	8.8	8.5	8.2

REPORT NUMBER: P1192949
CATALOG NUMBER: BOLD42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	9.5	9.4	9.3	9.4	9.1	8.4	8.3	8.7	8.5	8.2	8.0
136°	9.3	9.3	9.0	9.1	8.8	8.1	8.2	8.5	8.2	7.9	7.8
137°	9.2	9.1	8.8	8.8	8.5	7.9	8.0	8.2	8.0	7.7	7.5
138°	9.2	9.0	8.6	8.4	8.3	7.6	7.8	8.0	7.8	7.4	7.3
139°	9.0	8.8	8.3	8.2	8.1	7.5	7.6	7.8	7.5	7.2	7.1
140°	9.1	8.7	8.1	8.0	7.7	7.4	7.3	7.5	7.3	7.0	6.9
141°	9.1	8.6	7.8	7.7	7.5	7.3	7.1	7.2	7.1	6.8	6.7
142°	9.2	8.9	7.7	7.6	7.2	7.0	6.9	7.0	6.9	6.6	6.5
143°	9.1	8.7	7.7	7.5	6.9	6.8	6.7	6.8	6.7	6.4	6.3
144°	8.7	8.6	7.8	7.0	6.7	6.7	6.6	6.5	6.5	6.2	6.1
145°	8.6	8.6	8.1	6.7	6.6	6.4	6.3	6.3	6.3	6.0	5.9
146°	8.7	8.3	7.9	6.6	6.4	6.2	6.1	6.1	6.1	5.8	5.7
147°	8.4	8.1	7.4	6.4	6.7	6.1	6.0	6.0	6.0	5.7	5.5
148°	8.1	7.7	7.0	6.2	6.9	6.0	5.7	5.9	5.8	5.5	5.4
149°	8.2	7.5	6.6	5.9	6.6	5.8	5.5	5.8	5.7	5.3	5.2
150°	8.1	7.3	6.4	5.8	6.0	5.7	5.5	5.6	5.5	5.2	5.0
151°	7.6	7.2	6.3	5.6	5.6	5.7	5.4	5.5	5.3	5.0	4.9
152°	7.3	6.9	6.0	5.5	5.6	5.6	5.2	5.3	5.1	4.8	4.7
153°	6.9	6.8	5.8	5.4	5.6	5.2	5.0	5.0	5.0	4.7	4.5
154°	6.8	6.4	5.7	5.3	5.4	5.1	4.8	4.8	4.9	4.6	4.4
155°	6.5	6.1	5.6	5.2	5.2	4.9	4.6	4.7	4.8	4.4	4.2
156°	6.1	5.9	5.4	5.2	5.1	4.7	4.5	4.6	4.6	4.3	4.1
157°	5.9	5.8	5.4	5.1	5.0	4.7	4.5	4.5	4.5	4.1	3.9
158°	5.7	5.6	5.1	4.9	4.8	4.5	4.3	4.3	4.3	4.0	3.8
159°	5.6	5.4	5.0	4.7	4.6	4.2	4.1	4.0	4.0	3.8	3.6
160°	5.5	5.2	4.8	4.5	4.5	4.1	3.9	3.8	3.8	3.7	3.5
161°	5.4	5.0	4.6	4.4	4.3	3.9	3.7	3.7	3.6	3.6	3.4
162°	5.3	4.9	4.5	4.2	4.1	3.8	3.6	3.5	3.5	3.4	3.2
163°	5.1	4.7	4.3	4.1	4.0	3.6	3.4	3.3	3.3	3.3	3.1
164°	4.8	4.5	4.1	3.9	3.8	3.5	3.2	3.2	3.1	3.1	2.9
165°	4.7	4.3	3.9	3.8	3.6	3.3	3.1	3.0	3.0	3.0	2.7
166°	4.4	4.1	3.7	3.6	3.4	3.1	2.9	2.9	2.9	2.8	2.6
167°	4.2	3.9	3.6	3.4	3.2	3.0	2.8	2.7	2.7	2.6	2.5
168°	4.0	3.7	3.4	3.2	3.1	2.8	2.6	2.6	2.5	2.4	2.3
169°	3.7	3.5	3.3	3.0	2.9	2.6	2.4	2.4	2.4	2.2	2.2
170°	3.4	3.2	3.1	2.9	2.7	2.4	2.2	2.2	2.2	2.0	2.0
171°	3.0	2.9	2.8	2.6	2.4	2.1	2.0	2.0	2.0	1.9	1.9
172°	2.5	2.5	2.4	2.2	2.0	1.9	1.8	1.8	1.7	1.7	1.6
173°	2.0	2.0	2.0	1.8	1.6	1.6	1.5	1.5	1.5	1.5	1.4
174°	1.5	1.5	1.4	1.4	1.2	1.3	1.2	1.2	1.2	1.2	1.2
175°	1.0	1.0	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
176°	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
179°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

REPORT NUMBER: P1192949
CATALOG NUMBER: BOLD42-25S-BZ-15W-3000K

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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
2°	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
3°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
4°	0.3	0.3	0.4	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5
5°	0.4	0.5	0.6	0.7	0.9	0.9	0.9	0.9	0.9	0.9	1.0
6°	0.8	0.9	1.0	1.2	1.4	1.5	1.6	1.5	1.6	1.7	1.9
7°	1.6	1.7	1.8	2.1	2.5	5.0	4.9	3.0	3.2	3.7	4.5
8°	5.3	5.2	5.6	5.7	6.5	8.5	8.2	6.1	6.8	8.2	8.9
9°	8.9	8.8	9.4	9.4	10.6	12.0	11.5	10.6	10.5	12.1	12.8
10°	12.7	12.4	13.2	13.1	15.2	17.0	16.4	18.0	18.6	20.0	20.4
11°	19.5	19.4	20.1	21.3	22.8	24.2	23.6	25.5	26.7	27.9	28.1
12°	29.5	29.5	29.3	30.3	32.6	32.1	34.0	33.0	34.7	35.8	35.7
13°	37.5	37.9	38.1	37.6	39.4	41.9	46.3	42.0	44.0	45.0	47.9
14°	49.1	50.9	49.8	47.8	49.3	56.4	56.5	60.3	58.2	56.9	61.4
15°	59.9	65.7	65.6	60.1	64.9	71.5	73.4	71.9	74.3	77.6	77.8
16°	75.3	80.6	81.5	76.8	80.6	86.6	90.3	85.7	89.1	94.6	92.1
17°	90.6	95.6	97.4	93.5	96.2	101.8	107.1	109.1	107.5	105.5	99.6
18°	105.9	116.2	119.5	110.2	112.0	118.0	121.4	121.9	126.6	123.9	123.5
19°	118.6	129.1	135.7	128.8	129.8	140.6	138.8	141.9	155.1	151.6	148.0
20°	138.3	156.4	164.1	145.2	148.7	165.0	157.8	173.0	174.7	161.3	160.1
21°	158.6	172.6	183.2	164.2	168.2	167.2	176.2	182.2	188.6	177.3	175.3
22°	176.2	192.4	203.2	183.5	180.6	184.0	212.2	206.3	205.9	205.8	184.1
23°	188.6	209.2	221.5	201.8	198.8	198.2	222.5	220.5	223.3	219.1	200.8
24°	207.4	218.6	233.4	215.8	210.3	210.7	230.4	234.7	240.7	232.3	217.7
25°	220.7	232.8	249.0	226.9	221.9	222.2	239.5	248.8	245.6	245.5	234.7
26°	236.1	239.9	257.8	239.8	232.6	248.4	253.3	257.8	255.9	253.6	256.8
27°	241.4	246.7	270.6	246.5	257.5	266.3	261.2	264.9	265.6	266.4	266.9
28°	255.7	256.3	273.8	259.5	269.8	274.7	281.3	279.4	280.8	275.5	277.7
29°	269.0	262.5	289.3	280.2	284.6	282.5	292.8	288.0	285.4	297.2	301.0
30°	290.4	268.1	296.7	301.5	302.2	297.8	313.1	294.6	293.3	303.2	307.0
31°	306.0	279.6	303.8	311.9	307.7	320.2	325.5	302.5	301.0	318.8	322.8
32°	324.6	289.5	308.0	320.3	310.3	328.6	337.1	313.7	311.3	331.2	323.4
33°	335.3	301.8	322.1	336.1	323.8	339.0	355.6	327.0	324.4	345.5	340.6
34°	342.9	304.9	333.0	348.3	353.1	359.3	359.6	330.6	326.7	359.2	356.7
35°	345.1	311.3	343.7	355.6	381.1	382.5	360.6	337.9	339.5	362.2	384.0
36°	350.0	327.6	360.1	357.8	381.1	399.2	369.2	362.7	364.2	364.0	393.7
37°	358.1	379.6	384.7	364.4	388.6	397.0	379.7	420.6	398.0	374.3	397.3
38°	389.6	393.0	423.8	377.9	398.5	408.6	409.5	423.0	416.1	398.6	408.7
39°	399.9	401.0	427.9	420.9	406.8	439.1	425.0	426.8	421.3	421.9	426.9
40°	405.8	409.5	438.6	430.6	448.1	451.1	435.0	438.7	429.9	441.3	454.6
41°	413.9	416.3	444.6	449.3	445.6	454.9	444.8	446.1	443.9	462.1	458.0
42°	434.2	425.4	461.2	461.7	457.5	466.4	481.5	454.3	468.0	477.0	466.7
43°	446.8	448.5	470.8	468.9	466.4	475.7	488.5	482.6	474.8	482.1	482.2
44°	450.0	456.7	485.0	476.4	471.1	485.7	488.9	490.4	490.8	486.8	486.7

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	457.6	463.1	491.0	483.2	474.3	490.7	496.2	495.1	495.1	495.7	494.0
46°	466.2	473.1	497.4	491.6	481.5	492.8	505.6	500.4	501.5	502.1	502.0
47°	472.5	474.6	503.8	499.0	487.8	497.2	514.2	505.6	507.6	509.7	503.8
48°	474.9	479.6	511.7	506.3	491.5	502.3	518.5	508.6	512.5	518.5	505.2
49°	476.3	486.8	515.3	507.9	492.9	500.2	520.8	512.5	516.9	522.2	505.1
50°	477.7	487.4	514.9	508.5	494.7	498.5	523.2	515.1	518.9	518.1	503.7
51°	478.4	486.6	515.0	509.0	493.2	496.9	523.5	512.4	518.5	516.8	504.9
52°	479.1	486.5	516.8	506.2	494.6	495.4	521.8	512.0	516.4	515.9	502.9
53°	477.2	483.6	511.7	504.9	493.1	491.4	518.6	508.6	514.4	515.1	503.4
54°	476.1	480.0	507.8	500.4	489.9	487.5	510.9	505.8	510.6	510.8	498.5
55°	473.7	474.6	501.2	493.7	483.9	482.2	505.2	499.6	505.3	502.3	492.6
56°	472.0	469.8	495.9	485.2	475.9	478.0	496.1	491.3	497.7	496.7	486.3
57°	466.9	465.4	488.1	477.2	469.8	472.2	486.8	483.9	489.5	491.2	480.2
58°	461.0	458.3	480.1	469.4	461.7	467.0	477.8	476.1	480.1	482.6	472.5
59°	452.2	450.1	472.8	459.8	453.3	460.5	469.2	468.2	471.8	473.7	462.7
60°	442.7	440.9	462.6	452.2	444.2	451.4	460.8	460.3	464.1	463.4	450.9
61°	432.1	430.9	453.1	444.1	434.6	441.5	450.9	450.0	455.1	453.8	439.5
62°	424.8	419.5	442.1	434.7	425.1	430.5	439.2	440.1	442.5	444.4	430.0
63°	413.9	410.9	431.7	425.7	413.4	421.6	429.3	429.4	432.1	436.1	421.4
64°	404.5	398.1	420.3	414.5	403.4	409.1	417.9	418.6	423.5	426.0	411.4
65°	392.8	387.0	409.6	403.7	394.2	397.5	407.4	407.6	414.1	414.5	400.3
66°	383.1	377.1	398.1	392.2	383.2	386.2	398.1	396.9	402.6	403.6	388.9
67°	371.3	366.7	387.0	381.4	373.6	374.4	386.4	385.4	392.1	392.5	377.4
68°	362.2	356.7	376.0	369.8	362.4	365.0	375.5	373.9	381.1	379.7	365.7
69°	351.7	344.0	363.3	358.5	350.7	355.0	365.4	362.6	369.3	367.4	355.1
70°	340.8	335.3	352.2	346.3	340.3	344.1	354.0	352.7	356.6	354.9	342.6
71°	329.7	323.0	338.9	334.1	329.3	333.3	342.8	341.3	345.3	343.3	330.1
72°	318.3	311.0	325.4	322.0	319.2	320.8	329.8	329.8	332.1	330.5	317.3
73°	306.4	300.4	312.6	310.4	306.5	308.4	318.0	317.4	319.0	318.5	304.1
74°	294.8	287.2	298.2	297.1	292.8	294.8	304.9	304.6	305.3	305.3	291.4
75°	281.3	274.8	282.6	282.4	278.6	281.0	290.4	290.1	290.8	289.9	276.1
76°	267.6	260.7	268.7	267.4	265.4	265.9	275.4	275.6	275.1	274.1	262.3
77°	252.3	245.1	251.9	251.0	250.5	251.9	260.4	260.0	258.9	258.0	247.5
78°	238.1	230.0	235.0	235.4	236.1	237.9	246.2	244.6	243.0	242.4	231.9
79°	223.0	214.9	218.1	219.8	221.2	223.1	230.6	230.0	227.0	227.5	218.4
80°	208.0	199.8	201.3	204.2	206.3	208.3	215.0	214.9	211.5	212.7	204.0
81°	192.9	185.9	186.5	187.7	192.1	193.4	199.4	200.5	196.4	197.3	188.4
82°	176.4	171.4	170.6	171.5	176.5	178.2	181.8	184.3	180.2	179.7	173.6
83°	161.5	157.0	153.9	155.8	161.6	163.5	167.5	168.4	165.0	165.6	158.2
84°	146.6	142.8	139.6	141.2	147.3	149.6	152.1	152.9	150.1	150.6	144.7
85°	132.4	128.3	124.8	125.9	132.4	134.9	135.7	138.0	134.0	134.9	130.6
86°	117.9	115.1	111.4	112.5	119.8	122.0	122.3	123.2	119.5	121.1	115.7
87°	105.3	102.3	98.2	98.9	106.8	108.8	108.2	109.8	106.2	107.4	103.3
88°	95.2	92.8	88.3	87.8	96.5	97.4	97.1	99.2	95.6	97.1	95.8
89°	88.0	85.4	81.8	80.6	89.1	89.9	89.6	93.3	89.5	91.2	88.3

REPORT NUMBER: P1192949
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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	82.9	80.6	77.1	75.5	83.6	84.1	84.2	87.4	83.4	85.3	80.8
91°	78.4	76.2	73.2	71.2	78.7	79.0	79.7	81.5	79.1	79.4	75.9
92°	73.5	71.7	69.1	67.0	73.9	74.1	75.0	76.8	74.7	74.9	71.7
93°	68.2	66.6	64.4	62.4	68.5	68.6	69.9	71.6	70.1	69.7	66.8
94°	62.5	61.0	59.2	57.5	62.9	63.2	64.5	66.0	64.6	64.3	61.5
95°	56.5	55.1	53.5	52.6	57.3	57.4	58.6	60.1	59.4	59.0	56.3
96°	51.1	49.5	48.3	47.7	51.7	52.0	53.1	54.3	53.9	53.2	50.8
97°	46.1	44.6	43.4	43.2	46.8	47.1	48.1	49.0	48.7	48.3	46.4
98°	41.7	40.0	39.1	39.5	42.5	42.7	43.5	44.1	44.3	43.7	42.2
99°	38.1	36.4	35.4	36.1	38.8	39.0	39.7	40.1	40.2	39.9	38.5
100°	34.8	33.1	32.5	33.3	35.7	35.8	36.4	36.6	37.0	36.6	35.7
101°	32.3	30.5	30.1	31.0	33.2	33.3	33.7	33.8	34.3	33.9	32.9
102°	30.1	28.5	28.2	29.2	31.1	31.2	31.6	31.6	32.0	31.8	31.0
103°	28.4	26.8	26.6	27.7	29.5	29.4	29.7	29.7	30.3	29.9	29.3
104°	26.9	25.5	25.4	26.5	28.1	28.0	28.3	28.1	28.7	28.4	27.8
105°	25.8	24.4	24.4	25.4	26.9	26.8	27.0	26.9	27.5	27.2	26.6
106°	24.7	23.5	23.5	24.5	25.9	25.8	25.9	25.7	26.4	26.0	25.5
107°	23.7	22.7	22.6	23.6	25.0	24.8	24.9	24.7	25.4	24.9	24.5
108°	22.8	21.9	21.8	22.8	24.0	23.9	23.9	23.7	24.4	23.9	23.6
109°	21.9	21.2	21.0	21.9	23.1	23.0	22.9	22.8	23.5	22.9	22.6
110°	21.1	20.4	20.2	21.1	22.2	22.1	22.0	21.9	22.5	22.0	21.7
111°	20.2	19.6	19.3	20.1	21.3	21.2	21.1	21.0	21.6	21.0	20.8
112°	19.2	18.9	18.4	19.2	20.2	20.2	20.1	20.0	20.7	20.1	19.9
113°	18.3	18.0	17.5	18.2	19.2	19.3	19.1	19.2	19.8	19.2	19.0
114°	17.4	17.2	16.6	17.2	18.2	18.3	18.1	18.2	18.9	18.2	18.0
115°	16.5	16.3	15.6	16.3	17.1	17.3	17.2	17.4	17.9	17.3	17.1
116°	15.6	15.4	14.7	15.3	16.1	16.3	16.3	16.4	17.1	16.4	16.3
117°	14.7	14.5	13.9	14.4	15.1	15.4	15.4	15.6	16.1	15.6	15.4
118°	13.9	13.7	13.0	13.5	14.2	14.5	14.6	14.8	15.3	14.8	14.7
119°	13.1	12.9	12.2	12.7	13.3	13.6	13.8	14.0	14.6	14.1	13.9
120°	12.4	12.2	11.6	11.9	12.5	12.9	13.1	13.3	13.8	13.4	13.3
121°	11.7	11.5	10.9	11.3	11.8	12.2	12.4	12.6	13.2	12.9	12.9
122°	11.2	10.9	10.4	10.7	11.2	11.7	11.9	12.1	12.7	12.4	12.3
123°	10.6	10.4	9.9	10.2	10.7	11.2	11.4	11.7	12.3	12.0	12.0
124°	10.2	9.9	9.5	9.8	10.3	10.8	11.0	11.4	11.9	11.7	11.6
125°	9.8	9.6	9.2	9.5	10.0	10.5	10.8	11.2	11.7	11.6	11.4
126°	9.5	9.3	8.9	9.2	9.8	10.4	10.7	11.0	11.7	11.5	11.2
127°	9.2	9.0	8.8	9.0	9.6	10.3	10.7	11.0	11.7	11.4	11.0
128°	9.0	8.8	8.7	8.9	9.6	10.3	10.7	11.0	11.7	11.3	11.0
129°	8.8	8.6	8.5	8.9	9.4	10.2	10.7	11.1	11.7	11.2	10.9
130°	8.6	8.4	8.4	8.8	9.3	10.2	10.6	11.0	11.5	11.1	10.8
131°	8.4	8.3	8.3	8.7	9.3	10.2	10.5	11.0	11.3	10.9	10.7
132°	8.2	8.2	8.2	8.6	9.3	10.2	10.5	10.8	11.1	10.8	10.7
133°	8.1	8.1	8.1	8.5	9.2	10.1	10.4	10.6	10.8	10.5	10.4
134°	8.0	7.9	8.0	8.4	9.2	10.1	10.2	10.3	10.5	10.1	10.1

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	7.8	7.8	7.9	8.4	9.1	9.8	10.0	10.0	10.2	9.8	9.8
136°	7.6	7.7	7.7	8.2	8.8	9.5	9.7	9.7	9.8	9.6	9.6
137°	7.4	7.5	7.4	7.9	8.5	9.1	9.3	9.4	9.6	9.4	9.5
138°	7.2	7.2	7.2	7.5	8.1	8.6	8.9	9.1	9.3	9.2	9.3
139°	7.0	7.0	6.9	7.2	7.7	8.2	8.5	8.8	9.1	8.9	9.0
140°	6.7	6.8	6.7	6.9	7.4	7.9	8.1	8.5	8.9	8.7	8.9
141°	6.5	6.5	6.4	6.6	7.0	7.6	7.7	8.1	8.7	8.6	8.6
142°	6.3	6.3	6.2	6.4	6.8	7.3	7.5	7.9	8.4	8.4	8.4
143°	6.2	6.2	6.0	6.2	6.6	7.0	7.3	7.7	8.1	8.3	8.3
144°	6.0	6.0	5.8	6.0	6.3	6.7	7.0	7.5	8.1	8.3	8.5
145°	5.8	5.8	5.7	5.8	6.1	6.5	6.8	7.3	8.0	8.2	8.5
146°	5.7	5.6	5.5	5.6	5.9	6.3	6.7	7.1	7.8	8.1	8.9
147°	5.5	5.4	5.3	5.4	5.7	6.1	6.4	7.0	7.6	8.1	8.1
148°	5.3	5.2	5.2	5.2	5.5	5.9	6.2	7.0	7.5	7.8	7.9
149°	5.1	5.1	5.0	5.0	5.3	5.7	6.2	6.8	7.3	7.8	7.6
150°	5.0	4.9	4.9	4.8	5.1	5.5	6.1	6.5	7.2	7.5	7.2
151°	4.8	4.8	4.7	4.6	4.9	5.3	5.7	6.2	6.9	7.1	7.1
152°	4.6	4.6	4.6	4.5	4.8	5.1	5.5	5.9	6.5	6.7	6.9
153°	4.5	4.4	4.4	4.3	4.6	4.9	5.4	5.7	6.2	6.5	6.7
154°	4.3	4.3	4.3	4.1	4.4	4.7	5.2	5.5	6.0	6.4	6.5
155°	4.2	4.2	4.1	4.0	4.3	4.6	5.0	5.3	5.8	6.1	6.2
156°	4.0	4.0	4.0	3.8	4.1	4.4	4.8	5.1	5.6	5.8	6.0
157°	3.9	3.9	3.8	3.7	3.9	4.3	4.6	4.9	5.4	5.7	6.0
158°	3.7	3.7	3.7	3.6	3.8	4.1	4.4	4.7	5.1	5.6	5.7
159°	3.6	3.6	3.6	3.5	3.6	3.9	4.2	4.5	4.9	5.2	5.4
160°	3.4	3.4	3.4	3.4	3.5	3.8	4.0	4.2	4.6	4.9	5.3
161°	3.3	3.3	3.3	3.3	3.3	3.6	3.9	4.1	4.4	4.8	5.1
162°	3.1	3.2	3.1	3.1	3.1	3.4	3.7	3.9	4.2	4.6	4.9
163°	3.0	3.0	3.0	3.0	2.9	3.2	3.5	3.8	4.0	4.4	4.7
164°	2.8	2.9	2.9	2.8	2.8	3.0	3.3	3.6	3.8	4.2	4.4
165°	2.7	2.7	2.7	2.7	2.7	2.8	3.1	3.5	3.7	4.0	4.1
166°	2.5	2.6	2.6	2.5	2.5	2.6	2.9	3.3	3.5	3.8	3.9
167°	2.4	2.4	2.4	2.3	2.4	2.4	2.7	3.2	3.3	3.6	3.7
168°	2.2	2.2	2.3	2.2	2.2	2.2	2.5	2.9	3.1	3.4	3.5
169°	2.1	2.0	2.1	2.0	2.0	2.0	2.2	2.7	2.9	3.2	3.3
170°	1.9	1.8	1.9	1.9	1.8	1.8	2.0	2.5	2.7	2.9	3.0
171°	1.7	1.6	1.7	1.7	1.6	1.6	1.8	2.2	2.5	2.6	2.7
172°	1.6	1.4	1.4	1.4	1.4	1.4	1.6	1.9	2.1	2.3	2.4
173°	1.4	1.2	1.2	1.2	1.2	1.2	1.4	1.6	1.8	1.9	2.0
174°	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.4	1.5	1.5
175°	0.8	0.8	0.7	0.7	0.7	0.8	0.9	0.9	1.0	1.1	1.1
176°	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4
179°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



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CANDELA DISTRIBUTION (continued):

180°	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

REPORT NUMBER: P1192949
CATALOG NUMBER: BOLD42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	0.2	0.2	0.2
1°	0.1	0.1	0.1
2°	0.1	0.1	0.1
3°	0.2	0.2	0.1
4°	0.5	0.4	0.4
5°	1.0	1.0	0.9
6°	1.9	1.9	1.9
7°	4.1	3.9	3.9
8°	8.2	7.8	7.2
9°	12.1	12.5	13.6
10°	19.6	20.0	22.0
11°	27.1	27.5	30.5
12°	34.6	35.0	39.0
13°	44.5	49.9	50.4
14°	59.8	63.1	67.6
15°	72.8	67.8	78.4
16°	82.1	93.3	90.0
17°	95.9	110.8	112.1
18°	118.0	122.0	130.6
19°	143.1	156.4	157.4
20°	163.0	165.6	176.0
21°	178.5	186.7	191.7
22°	184.5	203.1	209.1
23°	205.0	215.7	226.5
24°	225.6	228.3	243.9
25°	246.2	240.8	251.4
26°	251.0	254.9	262.3
27°	265.5	269.3	274.9
28°	278.1	285.4	281.0
29°	287.6	299.9	288.7
30°	303.7	311.5	298.5
31°	310.7	321.3	305.9
32°	329.9	340.9	314.8
33°	351.5	357.1	321.2
34°	369.1	357.8	328.5
35°	380.2	361.0	332.1
36°	393.7	367.4	373.2
37°	407.6	397.0	402.0
38°	426.3	417.6	412.1
39°	451.8	424.3	421.5
40°	457.2	437.6	430.4
41°	467.7	454.2	437.1
42°	474.5	466.9	453.1
43°	480.2	470.8	473.8
44°	488.4	487.9	480.9

REPORT NUMBER: P1192949
CATALOG NUMBER: BOLD42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	492.8	495.4	490.1
46°	498.1	506.3	498.6
47°	502.9	510.9	503.9
48°	505.3	515.5	507.3
49°	504.7	519.1	512.1
50°	506.7	519.5	510.4
51°	509.5	519.1	512.1
52°	504.5	516.3	510.5
53°	498.2	513.4	504.4
54°	492.6	509.9	501.9
55°	487.0	505.0	496.8
56°	479.6	498.8	489.8
57°	474.4	489.2	483.2
58°	466.2	478.9	473.2
59°	456.1	467.8	464.8
60°	446.0	458.7	455.6
61°	436.7	449.1	445.5
62°	425.3	437.2	434.9
63°	416.0	427.3	423.2
64°	405.6	416.7	413.1
65°	395.0	406.1	402.3
66°	383.9	394.8	390.2
67°	373.4	383.0	378.6
68°	363.2	370.5	367.2
69°	351.2	360.0	356.6
70°	338.2	349.2	345.9
71°	326.6	337.2	333.9
72°	315.0	324.5	321.0
73°	302.8	312.1	309.0
74°	290.0	299.0	297.3
75°	275.8	283.3	282.6
76°	261.7	266.8	267.6
77°	246.6	251.8	252.6
78°	230.9	236.3	237.5
79°	217.0	220.7	221.3
80°	203.9	205.0	206.5
81°	188.7	189.5	191.8
82°	173.4	173.9	174.1
83°	158.6	159.6	158.0
84°	143.3	144.2	144.6
85°	129.5	130.3	129.9
86°	115.1	116.0	115.9
87°	102.1	103.5	102.9
88°	94.8	95.9	95.4
89°	87.5	88.4	88.1

REPORT NUMBER: P1192949
CATALOG NUMBER: BOLD42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	80.3	80.9	80.7
91°	75.6	76.4	76.1
92°	71.2	71.8	71.4
93°	66.2	67.0	66.6
94°	61.2	61.7	61.0
95°	55.6	56.1	55.6
96°	50.6	50.8	50.4
97°	45.9	46.1	45.5
98°	41.8	42.1	41.3
99°	38.5	38.5	37.6
100°	35.5	35.4	34.6
101°	33.1	32.9	32.1
102°	31.1	30.9	30.1
103°	29.4	29.3	28.5
104°	28.0	27.9	27.1
105°	26.9	26.6	26.0
106°	25.8	25.6	25.0
107°	24.8	24.6	24.0
108°	23.8	23.6	23.1
109°	22.7	22.7	22.2
110°	21.8	21.7	21.2
111°	20.8	20.7	20.3
112°	19.8	19.7	19.5
113°	18.9	18.8	18.6
114°	17.9	17.8	17.7
115°	17.0	16.9	16.8
116°	16.1	16.0	16.0
117°	15.3	15.2	15.3
118°	14.6	14.4	14.5
119°	13.9	13.7	13.9
120°	13.3	13.1	13.2
121°	12.7	12.5	12.6
122°	12.2	12.0	12.2
123°	11.9	11.6	11.8
124°	11.5	11.2	11.4
125°	11.1	10.9	11.1
126°	10.9	10.7	10.8
127°	10.9	10.5	10.6
128°	10.7	10.3	10.4
129°	10.6	10.3	10.2
130°	10.5	10.3	10.2
131°	10.4	10.1	10.1
132°	10.3	10.0	10.0
133°	10.2	9.9	9.9
134°	10.1	9.7	9.7

REPORT NUMBER: P1192949
CATALOG NUMBER: BOLD42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	9.8	9.5	9.5
136°	9.6	9.5	9.3
137°	9.5	9.3	9.2
138°	9.3	9.2	9.2
139°	9.2	9.1	9.0
140°	9.1	8.9	9.1
141°	8.9	8.8	9.1
142°	8.6	8.7	9.2
143°	8.4	8.6	9.1
144°	8.4	8.8	8.7
145°	8.2	8.9	8.6
146°	7.9	8.5	8.7
147°	7.8	8.1	8.4
148°	7.6	8.0	8.1
149°	7.2	7.7	8.2
150°	6.9	7.3	8.1
151°	6.8	7.1	7.6
152°	6.7	6.7	7.3
153°	6.5	6.4	6.9
154°	6.3	6.4	6.8
155°	6.3	6.4	6.5
156°	6.0	6.3	6.1
157°	5.8	6.2	5.9
158°	5.7	5.8	5.7
159°	5.5	5.6	5.6
160°	5.4	5.5	5.5
161°	5.3	5.4	5.4
162°	5.1	5.2	5.3
163°	4.9	5.1	5.1
164°	4.7	4.9	4.8
165°	4.5	4.6	4.7
166°	4.2	4.4	4.4
167°	4.0	4.2	4.2
168°	3.8	3.9	4.0
169°	3.5	3.6	3.7
170°	3.2	3.3	3.4
171°	2.8	3.0	3.0
172°	2.4	2.6	2.5
173°	2.0	2.1	2.0
174°	1.6	1.6	1.5
175°	1.1	1.1	1.0
176°	0.6	0.6	0.6
177°	0.4	0.4	0.4
178°	0.4	0.4	0.4
179°	0.3	0.3	0.3

REPORT NUMBER: P1192949
CATALOG NUMBER: BOLD42-25S-BZ-15W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.3	0.3	0.3

(END OF REPORT)