

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: P1192950

Luminaire Tested: BOLD42-25S-BZ-15W-4000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192950
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-4000K
Description: Dome Shaped Bollard, 42" length, 15W, BZ at 4000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

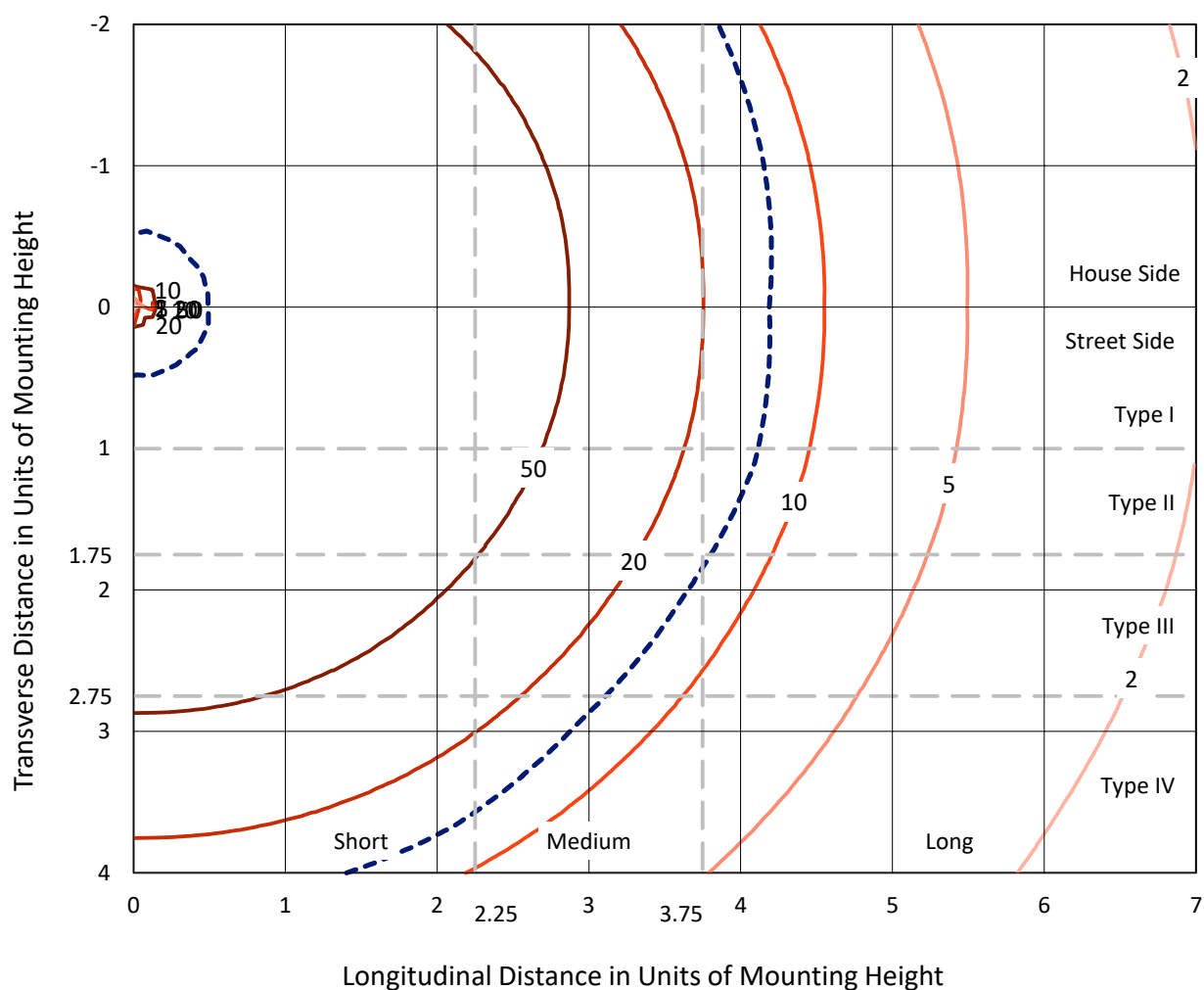
Lumens per Lamp: 2153.4 (1 lamp)
Luminaire Lumens: 2243.8 lumens
Efficiency: 104.2%
Efficacy: 154.7 lumens/watt
Luminous Opening: Circular (Dia: 0.5' x H: 0')
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B1 - U3 - G1

Input Watts (W): 14.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Iso-Footcandle Lines of Horizontal Illumination

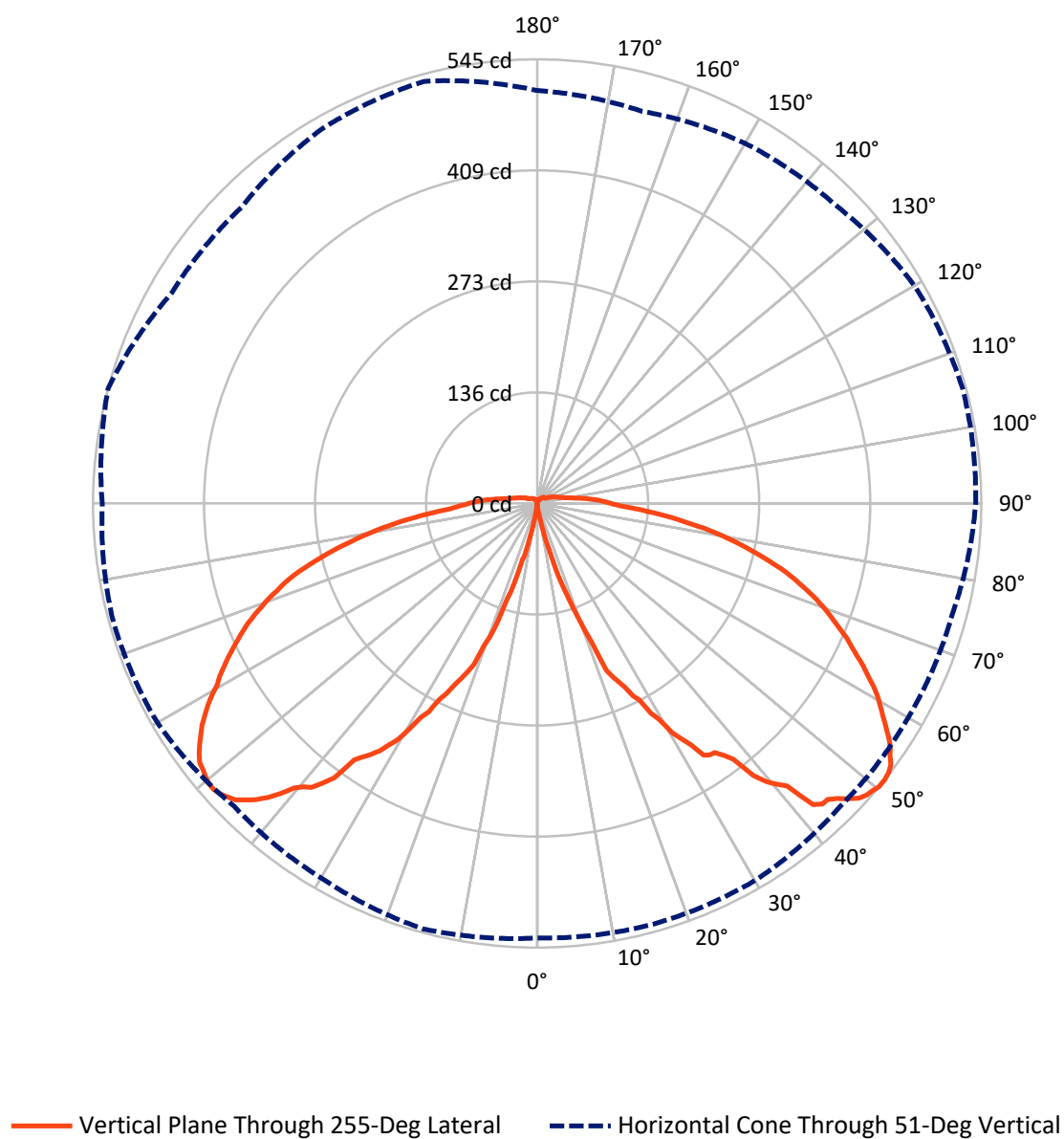
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 910.1 fc
 Type V - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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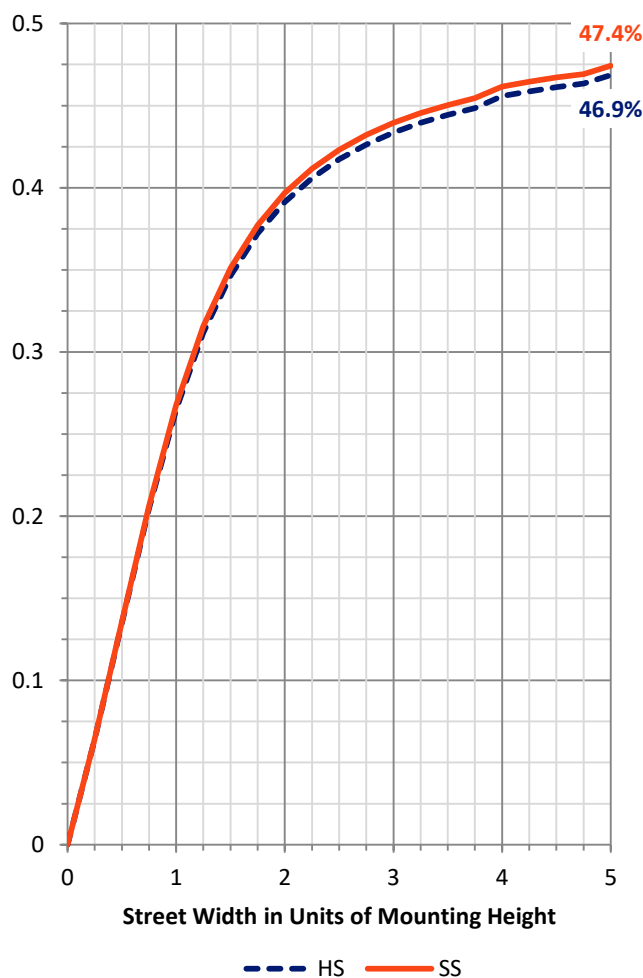
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1045.8	68.1	1113.9
	% Lamp	48.6	3.2	51.7
Street Side	Lumens	1060.0	69.9	1129.9
	% Lamp	49.2	3.2	52.5
Total	Lumens	2105.8	138.0	2243.8
	% Lamp	97.8	6.4	104.2

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.5	0.0	0.0
10°-20°	24.9	1.1	1.2
20°-30°	115.5	5.1	5.4
30°-40°	240.4	10.7	11.2
40°-50°	391.5	17.4	18.2
50°-60°	455.7	20.3	21.2
60°-70°	414.2	18.5	19.2
70°-80°	309.1	13.8	14.4
80°-90°	153.9	6.9	7.1
90°-100°	65.4	2.9	3.0
100°-110°	29.7	1.3	1.4
110°-120°	17.4	0.8	0.8
120°-130°	10.1	0.4	0.5
130°-140°	7.3	0.3	0.3
140°-150°	4.6	0.2	0.2
150°-160°	2.5	0.1	0.1
160°-170°	1.0	0.0	0.0
170°-180°	0.1	0.0	0.0
0°-90°	2105.8	93.8	97.8
0°-180°	2243.8	100.0	104.2

Coefficient of Utilization



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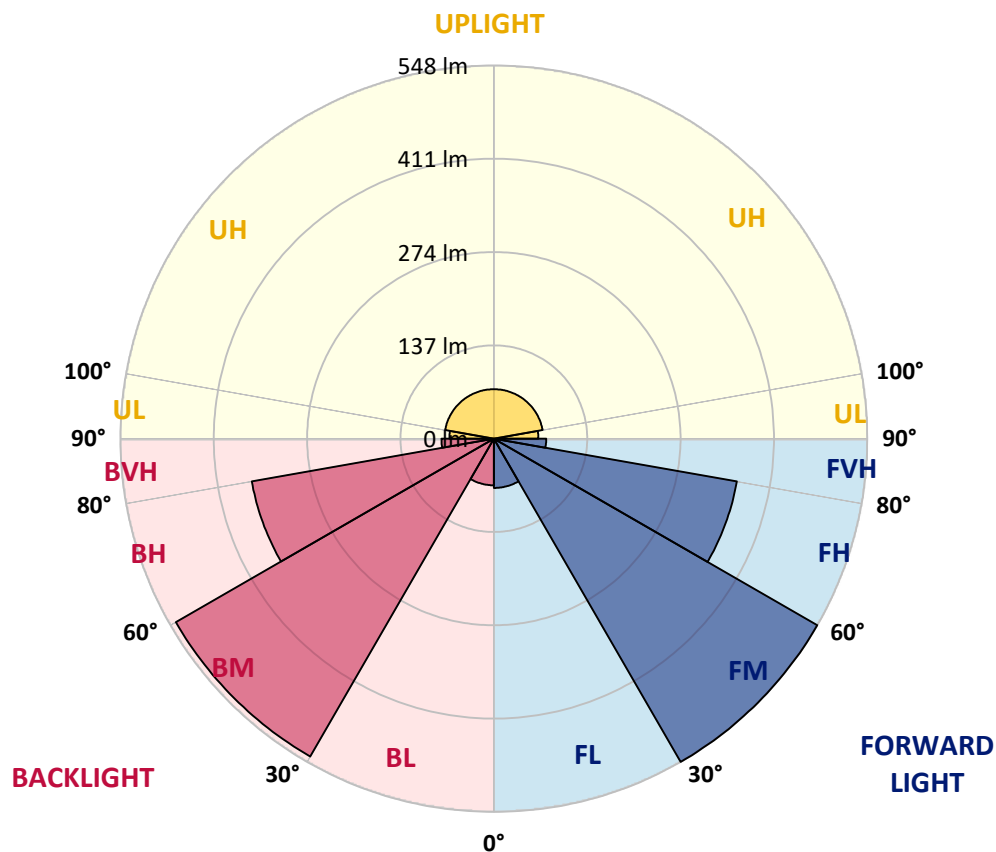
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	72.4	3.4			
FM	(30°-60°)	548.4	25.5			
FH	(60°-80°)	362.4	16.8			G0/660
FVH	(80°-90°)	76.9	3.6			G1/100
BL	(0°-30°)	68.5	3.2	B0/110		
BM	(30°-60°)	539.3	25.0	B1/1000		
BH	(60°-80°)	361.0	16.8	B1/500		G0/660
BVH	(80°-90°)	77.0	3.6			G1/100
UL	(90°-100°)	65.4	3.0		U3/500	
UH	(100°-180°)	72.6	3.4		U3/500	
Trapped Light		-90.4	-4.2			

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	0.2	0.2	0.2
3°	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
4°	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3
5°	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.5
6°	2.0	1.9	1.6	1.5	1.4	1.1	0.9	0.9	0.9	0.9	0.8
7°	4.0	3.4	3.3	3.0	2.8	2.4	1.8	1.6	1.7	1.7	1.7
8°	7.5	7.6	7.9	8.3	7.6	7.0	5.7	5.6	5.9	5.6	5.9
9°	14.1	14.2	13.5	13.5	13.0	11.0	9.7	9.5	10.0	9.5	10.1
10°	22.9	22.3	21.7	21.5	20.9	19.2	13.8	13.5	14.2	13.5	14.3
11°	31.8	30.4	29.9	29.6	28.8	27.5	21.7	20.8	20.5	20.6	20.6
12°	40.6	38.5	38.1	37.6	36.6	35.8	32.1	31.8	34.5	31.1	31.2
13°	52.5	49.5	49.6	48.5	45.5	50.6	42.2	42.5	43.5	38.2	40.3
14°	70.4	65.0	60.2	63.0	62.2	65.1	62.3	55.7	51.8	50.4	51.2
15°	81.7	78.5	76.7	77.9	73.5	70.4	79.6	72.1	68.2	65.8	65.6
16°	93.8	97.3	98.7	97.7	89.4	90.8	96.9	88.6	83.7	81.5	79.1
17°	116.8	126.0	110.2	112.3	115.8	112.4	114.1	105.1	99.2	97.3	92.6
18°	136.1	140.8	134.5	122.5	126.9	123.3	125.6	123.0	119.8	116.7	106.2
19°	164.0	157.6	159.6	155.3	143.2	154.7	144.5	146.1	146.0	134.3	125.4
20°	183.3	185.5	171.9	174.1	169.5	173.8	181.7	172.1	166.0	156.1	147.0
21°	199.8	208.2	197.9	184.3	187.6	186.2	188.2	191.7	185.6	173.4	168.8
22°	217.9	223.3	207.6	206.3	199.0	213.2	207.9	217.0	197.4	188.3	192.0
23°	236.0	238.4	224.5	219.9	213.2	223.9	233.3	224.8	217.7	209.9	196.8
24°	254.2	253.4	241.6	233.3	227.4	234.6	242.4	246.7	235.6	218.3	215.4
25°	261.9	266.5	258.6	246.7	241.6	245.2	259.1	261.2	251.6	242.1	234.9
26°	273.3	275.1	267.5	268.7	265.5	258.9	268.4	270.7	257.4	248.2	246.1
27°	286.4	276.0	286.4	283.1	277.2	268.6	279.4	274.4	273.7	266.2	259.2
28°	292.8	287.1	295.6	294.1	288.3	288.4	286.1	289.4	283.7	286.0	274.2
29°	300.8	298.7	308.2	306.4	305.4	298.4	298.0	292.2	297.8	291.2	288.0
30°	311.0	311.6	322.0	324.6	310.9	317.8	312.4	294.0	317.2	307.8	298.9
31°	318.7	317.3	341.4	330.7	335.2	336.0	322.0	306.4	334.2	326.0	313.5
32°	328.0	326.8	346.9	338.1	344.3	347.6	332.8	317.1	343.0	329.6	332.2
33°	334.7	339.8	361.8	359.3	362.3	360.5	340.7	328.6	345.2	345.2	342.8
34°	342.3	350.7	378.3	383.2	375.1	369.2	346.1	338.0	364.3	367.6	363.0
35°	346.0	364.1	382.9	403.2	391.6	377.8	353.7	353.6	371.2	417.1	378.3
36°	388.9	386.8	387.4	409.5	427.7	386.5	380.4	382.9	376.9	420.4	395.4
37°	418.8	409.4	390.7	419.5	435.2	419.0	434.2	403.2	389.4	419.7	410.1
38°	429.4	432.0	415.0	428.8	468.0	432.8	445.0	438.8	408.8	429.3	421.9
39°	439.2	448.6	447.0	438.5	475.3	445.6	453.6	448.7	440.8	441.7	451.8
40°	448.4	454.4	465.4	465.4	488.6	451.2	459.4	454.2	451.6	470.5	462.5
41°	455.5	462.0	493.2	483.5	493.3	459.7	468.7	467.9	480.7	485.5	471.7
42°	472.2	481.2	493.0	488.1	503.3	475.7	483.5	490.7	492.0	493.7	481.9
43°	493.7	492.3	501.8	493.2	506.4	489.8	506.7	504.5	497.9	492.8	487.8
44°	501.1	506.1	508.7	501.5	512.5	501.3	514.7	510.2	505.1	501.5	492.3

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	510.7	517.3	515.0	506.5	520.5	510.6	521.9	519.5	515.1	510.9	499.2
46°	519.5	525.0	519.7	510.4	524.6	519.2	528.7	528.6	519.3	514.0	501.3
47°	525.1	528.5	526.1	514.5	527.0	523.9	532.8	529.7	524.6	517.8	505.2
48°	528.6	530.0	531.3	515.6	529.8	527.6	536.4	530.6	530.0	520.7	509.3
49°	533.6	533.1	532.6	521.1	530.1	530.2	536.7	536.6	531.6	520.3	510.5
50°	531.8	536.4	535.1	527.3	529.8	530.0	539.1	539.2	537.4	518.5	512.3
51°	533.6	536.0	534.8	526.2	526.2	527.6	538.5	541.2	535.1	518.1	510.6
52°	531.9	534.9	529.7	522.4	522.2	524.5	535.2	540.5	531.2	517.0	509.0
53°	525.5	531.9	525.0	518.5	515.2	522.3	528.9	535.1	531.1	515.8	501.8
54°	523.0	526.3	521.7	512.7	511.0	516.3	524.5	528.3	526.8	506.9	497.3
55°	517.7	519.8	515.8	508.5	502.9	509.0	518.6	520.1	521.4	503.3	492.6
56°	510.3	511.1	509.9	501.1	496.5	501.0	509.0	514.3	513.8	500.2	486.5
57°	503.5	503.1	504.1	490.7	487.5	493.5	499.0	502.2	506.2	493.0	483.6
58°	493.1	494.6	496.5	481.1	477.9	483.8	489.6	495.1	497.3	482.0	474.4
59°	484.3	486.4	487.2	472.2	470.1	474.5	479.3	484.0	487.1	475.0	465.3
60°	474.8	478.6	477.7	464.2	462.6	463.0	467.6	474.0	477.9	463.5	456.8
61°	464.2	468.3	468.5	454.7	454.2	451.2	458.1	463.9	468.0	452.1	449.4
62°	453.1	456.8	459.0	443.1	444.7	443.0	447.5	454.8	458.6	444.6	439.7
63°	441.0	446.8	448.0	433.5	432.6	433.3	436.2	444.1	450.7	433.6	430.3
64°	430.4	435.1	437.5	425.4	421.9	423.8	425.6	433.6	439.8	425.0	420.2
65°	419.1	423.2	426.8	413.9	412.5	414.0	415.6	423.9	427.2	413.7	409.1
66°	406.5	411.7	415.8	403.7	402.4	404.1	404.5	413.3	416.2	405.1	398.3
67°	394.5	400.0	403.4	393.5	391.2	394.2	394.3	403.3	405.0	394.5	388.4
68°	382.7	387.6	390.4	383.2	381.3	384.2	383.5	391.6	394.3	384.1	378.0
69°	371.6	376.5	378.5	372.1	369.2	372.9	371.8	381.7	384.0	373.1	367.5
70°	360.5	364.5	366.5	359.4	356.9	360.4	360.4	367.7	371.8	361.7	357.1
71°	347.9	352.2	353.6	348.0	346.0	349.6	348.4	357.0	358.1	349.7	343.6
72°	334.5	339.0	340.1	334.2	333.6	336.6	335.8	343.8	345.0	336.5	331.0
73°	321.9	325.4	326.9	321.4	320.8	325.6	323.3	330.8	332.8	323.2	318.9
74°	309.8	311.6	312.5	306.9	307.3	312.2	309.0	315.7	319.0	309.7	305.5
75°	294.5	296.9	296.4	292.4	291.8	296.9	294.6	300.8	302.5	294.6	289.8
76°	278.8	281.8	280.9	276.9	277.4	281.3	278.4	283.9	286.5	278.4	276.7
77°	263.2	265.3	265.0	260.8	261.1	265.3	263.0	267.1	270.7	262.7	261.2
78°	247.4	247.8	247.8	245.0	245.4	249.6	246.1	250.5	254.5	248.4	245.7
79°	230.6	231.7	232.1	230.2	229.9	232.1	229.1	234.4	237.7	232.5	230.5
80°	215.2	216.4	217.8	214.6	213.7	216.5	212.2	218.3	220.9	216.6	215.4
81°	199.9	200.7	200.9	197.8	196.3	200.3	197.3	202.2	204.1	200.8	200.8
82°	181.4	184.7	183.6	180.8	180.5	183.0	180.1	184.8	186.6	184.2	184.0
83°	164.7	167.9	167.3	165.8	165.0	168.3	162.9	168.0	170.7	169.9	169.4
84°	150.6	153.1	153.1	149.5	149.2	150.6	148.3	152.7	155.0	153.9	154.5
85°	135.3	136.6	136.7	134.4	133.2	135.5	131.5	135.9	139.1	139.3	139.0
86°	120.8	122.0	121.5	120.4	119.3	120.9	116.9	121.0	124.1	124.8	125.0
87°	107.3	108.5	107.3	105.9	106.6	107.0	103.6	107.4	110.4	109.7	111.1
88°	99.4	100.3	99.5	98.7	99.2	99.9	94.4	98.1	99.6	100.5	100.9
89°	91.8	92.3	91.7	91.6	92.0	92.8	88.1	91.6	93.2	92.9	93.0

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	84.1	84.3	83.9	84.6	84.8	85.8	83.9	86.7	88.1	87.9	87.9
91°	79.3	79.2	78.9	80.0	80.1	81.1	79.5	82.3	83.3	83.0	82.8
92°	74.4	74.7	74.1	75.2	75.4	76.4	75.3	78.1	78.7	77.8	77.5
93°	69.3	69.5	68.9	70.0	69.9	70.9	70.4	73.0	72.9	72.1	71.9
94°	63.6	63.6	63.3	64.2	64.1	65.0	64.7	67.1	67.2	66.2	65.5
95°	57.9	58.0	57.7	58.4	58.5	59.0	59.1	61.6	61.2	59.9	59.3
96°	52.5	52.3	52.3	53.2	52.8	53.4	53.6	55.9	55.5	54.4	53.7
97°	47.4	47.4	47.4	48.1	48.2	48.5	48.5	50.9	50.5	49.2	48.5
98°	43.1	43.0	43.1	43.9	44.0	44.0	44.2	46.5	45.9	44.8	44.1
99°	39.2	39.1	39.3	40.3	40.2	40.2	40.2	42.4	41.9	41.0	40.2
100°	36.1	35.9	36.1	36.9	37.2	36.9	36.9	39.1	38.5	37.6	36.9
101°	33.5	33.2	33.4	34.2	34.3	34.0	34.0	36.0	35.6	34.8	34.1
102°	31.3	31.1	31.3	31.8	32.2	31.8	31.7	33.6	33.1	32.4	31.8
103°	29.7	29.4	29.5	29.9	30.3	29.8	29.8	31.6	31.1	30.3	29.8
104°	28.3	28.0	27.9	28.4	28.7	28.3	28.1	29.8	29.3	28.7	28.3
105°	27.1	26.7	26.7	26.9	27.2	26.9	26.7	28.5	27.8	27.2	26.9
106°	26.0	25.6	25.5	25.6	25.9	25.6	25.4	27.0	26.5	26.0	25.6
107°	25.0	24.6	24.4	24.5	24.8	24.4	24.3	25.9	25.2	24.8	24.6
108°	24.1	23.6	23.4	23.4	23.7	23.3	23.2	24.8	24.1	23.7	23.6
109°	23.1	22.7	22.4	22.4	22.6	22.3	22.3	23.6	23.0	22.7	22.6
110°	22.1	21.7	21.5	21.4	21.6	21.3	21.2	22.6	21.9	21.7	21.7
111°	21.2	20.8	20.5	20.4	20.6	20.2	20.2	21.6	20.9	20.7	20.7
112°	20.3	19.9	19.6	19.5	19.6	19.3	19.2	20.6	19.8	19.7	19.8
113°	19.4	18.9	18.7	18.5	18.6	18.3	18.2	19.5	18.8	18.7	18.8
114°	18.4	18.1	17.7	17.7	17.6	17.3	17.4	18.5	17.8	17.7	17.9
115°	17.6	17.2	16.8	16.8	16.6	16.3	16.4	17.6	16.9	16.8	17.0
116°	16.7	16.4	16.0	15.9	15.7	15.4	15.5	16.7	16.1	15.9	16.1
117°	15.9	15.6	15.3	15.1	14.9	14.5	14.7	15.8	15.2	15.1	15.3
118°	15.2	14.8	14.6	14.3	14.1	13.7	13.9	15.0	14.5	14.3	14.4
119°	14.4	14.1	13.9	13.6	13.3	12.9	13.2	14.2	13.7	13.6	13.7
120°	13.8	13.4	13.2	12.9	12.7	12.3	12.5	13.5	13.1	12.9	13.0
121°	13.2	12.9	12.7	12.3	12.1	11.7	11.9	12.9	12.5	12.3	12.4
122°	12.7	12.5	12.2	11.9	11.6	11.2	11.4	12.3	12.0	11.8	11.8
123°	12.3	12.1	11.8	11.5	11.2	10.8	11.0	11.8	11.6	11.3	11.3
124°	11.9	11.7	11.6	11.3	10.9	10.3	10.6	11.4	11.2	10.9	10.9
125°	11.5	11.4	11.3	11.1	10.7	10.0	10.3	11.0	10.8	10.5	10.5
126°	11.3	11.2	11.1	10.9	10.4	9.8	10.0	10.8	10.5	10.2	10.1
127°	11.1	10.9	10.9	10.7	10.3	9.7	9.8	10.5	10.3	9.9	9.8
128°	10.9	10.7	10.8	10.6	10.3	9.6	9.6	10.2	10.0	9.7	9.6
129°	10.7	10.6	10.7	10.6	10.2	9.5	9.5	10.0	9.9	9.5	9.3
130°	10.6	10.5	10.6	10.5	10.2	9.4	9.4	9.8	9.7	9.3	9.2
131°	10.5	10.5	10.6	10.5	10.1	9.4	9.4	9.7	9.5	9.3	9.0
132°	10.4	10.5	10.5	10.5	10.1	9.4	9.3	9.5	9.5	9.2	8.9
133°	10.3	10.3	10.4	10.4	9.9	9.2	9.1	9.5	9.4	9.1	8.7
134°	10.1	10.0	10.0	10.2	9.7	9.0	8.9	9.4	9.1	8.8	8.5

REPORT NUMBER: P1192950
CATALOG NUMBER: BOLD42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	9.9	9.8	9.7	9.8	9.5	8.8	8.7	9.1	8.8	8.5	8.3
136°	9.7	9.7	9.4	9.5	9.2	8.5	8.5	8.8	8.6	8.2	8.1
137°	9.6	9.5	9.2	9.1	8.9	8.2	8.4	8.6	8.3	8.0	7.9
138°	9.5	9.4	9.0	8.8	8.7	8.0	8.1	8.4	8.1	7.7	7.6
139°	9.4	9.2	8.7	8.5	8.4	7.8	7.9	8.1	7.8	7.5	7.4
140°	9.4	9.0	8.4	8.3	8.1	7.7	7.6	7.8	7.6	7.3	7.2
141°	9.5	9.0	8.1	8.0	7.8	7.6	7.4	7.5	7.4	7.1	6.9
142°	9.6	9.3	8.0	7.9	7.5	7.3	7.2	7.3	7.2	6.9	6.7
143°	9.4	9.0	8.0	7.8	7.2	7.1	7.0	7.0	7.0	6.7	6.5
144°	9.0	9.0	8.1	7.3	7.0	6.9	6.8	6.8	6.8	6.5	6.3
145°	9.0	9.0	8.5	7.0	6.8	6.7	6.6	6.6	6.6	6.3	6.1
146°	9.1	8.7	8.3	6.9	6.7	6.5	6.4	6.4	6.4	6.1	5.9
147°	8.7	8.4	7.7	6.6	7.0	6.4	6.3	6.3	6.2	5.9	5.7
148°	8.4	8.1	7.3	6.4	7.2	6.3	6.0	6.2	6.1	5.7	5.6
149°	8.5	7.8	6.8	6.2	6.9	6.1	5.7	6.0	5.9	5.5	5.4
150°	8.4	7.6	6.7	6.0	6.2	6.0	5.7	5.9	5.7	5.4	5.2
151°	8.0	7.5	6.6	5.8	5.8	6.0	5.6	5.7	5.5	5.2	5.1
152°	7.6	7.2	6.2	5.7	5.8	5.8	5.4	5.5	5.3	5.0	4.9
153°	7.2	7.1	6.0	5.6	5.8	5.4	5.2	5.2	5.2	4.9	4.7
154°	7.1	6.7	6.0	5.5	5.7	5.3	5.0	5.0	5.1	4.8	4.6
155°	6.7	6.4	5.8	5.4	5.4	5.1	4.8	4.9	5.0	4.6	4.4
156°	6.4	6.2	5.7	5.4	5.3	4.9	4.7	4.8	4.8	4.5	4.3
157°	6.1	6.0	5.6	5.3	5.2	4.9	4.7	4.6	4.6	4.3	4.1
158°	6.0	5.8	5.3	5.1	5.0	4.7	4.4	4.4	4.4	4.2	4.0
159°	5.8	5.7	5.2	4.9	4.8	4.4	4.2	4.2	4.2	4.0	3.8
160°	5.7	5.4	5.0	4.7	4.7	4.3	4.0	4.0	4.0	3.9	3.7
161°	5.6	5.3	4.8	4.6	4.5	4.1	3.9	3.8	3.8	3.7	3.5
162°	5.5	5.1	4.7	4.4	4.3	3.9	3.7	3.6	3.6	3.5	3.3
163°	5.3	4.9	4.5	4.3	4.2	3.8	3.5	3.5	3.4	3.4	3.2
164°	5.0	4.7	4.3	4.1	4.0	3.6	3.4	3.3	3.3	3.2	3.0
165°	4.9	4.5	4.1	3.9	3.8	3.5	3.2	3.2	3.1	3.1	2.9
166°	4.6	4.2	3.9	3.7	3.5	3.3	3.0	3.0	3.0	2.9	2.7
167°	4.4	4.1	3.8	3.6	3.4	3.1	2.9	2.8	2.8	2.7	2.6
168°	4.1	3.9	3.6	3.4	3.2	2.9	2.7	2.7	2.7	2.5	2.4
169°	3.9	3.6	3.4	3.2	3.0	2.7	2.5	2.5	2.5	2.3	2.3
170°	3.5	3.4	3.2	3.0	2.8	2.5	2.3	2.3	2.3	2.1	2.1
171°	3.1	3.0	2.9	2.7	2.5	2.2	2.1	2.1	2.0	1.9	1.9
172°	2.6	2.6	2.5	2.3	2.1	2.0	1.8	1.8	1.8	1.7	1.7
173°	2.1	2.1	2.0	1.9	1.7	1.7	1.6	1.6	1.6	1.5	1.5
174°	1.6	1.6	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3
175°	1.1	1.1	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.9
176°	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7
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	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



REPORT NUMBER: P1192950
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CANDELA DISTRIBUTION (continued):

180°	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

REPORT NUMBER: P1192950
CATALOG NUMBER: BOLD42-25S-BZ-15W-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
3°	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3
4°	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5
5°	0.5	0.5	0.6	0.8	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	1.6	1.6	1.6	1.6	1.7	2.0
7°	1.6	1.7	1.9	2.2	2.6	5.2	5.1	3.1	3.4	3.8	4.7
8°	5.5	5.5	5.8	6.0	6.8	8.8	8.6	6.4	7.1	8.5	9.3
9°	9.3	9.2	9.8	9.8	11.0	12.5	12.0	11.0	11.0	12.6	13.3
10°	13.3	13.0	13.8	13.6	15.8	17.7	17.1	18.8	19.4	20.8	21.3
11°	20.3	20.2	20.9	22.2	23.8	25.2	24.6	26.6	27.8	29.1	29.3
12°	30.7	30.7	30.5	31.6	33.9	33.5	35.4	34.4	36.2	37.3	37.2
13°	39.1	39.5	39.7	39.2	41.0	43.6	48.3	43.7	45.9	46.9	49.9
14°	51.2	53.1	51.9	49.8	51.4	58.7	58.9	62.9	60.6	59.3	63.9
15°	62.4	68.5	68.4	62.6	67.7	74.5	76.5	74.9	77.4	80.9	81.0
16°	78.4	83.9	84.9	80.0	83.9	90.3	94.1	89.3	92.8	98.5	95.9
17°	94.4	99.6	101.5	97.4	100.2	106.0	111.6	113.7	112.0	109.9	103.7
18°	110.4	121.1	124.5	114.9	116.7	123.0	126.5	127.0	131.9	129.1	128.7
19°	123.6	134.5	141.4	134.2	135.2	146.5	144.7	147.8	161.6	158.0	154.2
20°	144.1	163.0	171.0	151.3	155.0	171.9	164.4	180.3	182.0	168.1	166.9
21°	165.3	179.9	190.9	171.1	175.3	174.2	183.6	189.8	196.6	184.8	182.7
22°	183.6	200.5	211.8	191.3	188.2	191.8	221.2	215.0	214.6	214.4	191.8
23°	196.6	218.0	230.8	210.3	207.1	206.6	231.9	229.8	232.7	228.3	209.2
24°	216.1	227.8	243.2	224.8	219.1	219.6	240.1	244.5	250.8	242.1	226.9
25°	230.0	242.6	259.4	236.4	231.2	231.5	249.5	259.3	255.9	255.9	244.5
26°	246.0	250.0	268.6	249.8	242.4	258.8	264.0	268.6	266.6	264.2	267.6
27°	251.5	257.1	281.9	256.8	268.3	277.4	272.1	276.0	276.8	277.6	278.1
28°	266.5	267.0	285.3	270.4	281.1	286.2	293.1	291.2	292.6	287.1	289.4
29°	280.3	273.5	301.5	292.0	296.5	294.3	305.1	300.1	297.4	309.7	313.6
30°	302.5	279.3	309.1	314.2	314.9	310.3	326.3	306.9	305.7	316.0	319.9
31°	318.8	291.3	316.5	325.0	320.7	333.7	339.1	315.2	313.7	332.2	336.4
32°	338.2	301.7	320.9	333.7	323.3	342.4	351.2	326.9	324.4	345.1	337.0
33°	349.4	314.4	335.7	350.2	337.4	353.2	370.6	340.7	338.0	360.0	354.9
34°	357.3	317.7	347.0	362.9	367.9	374.4	374.7	344.5	340.5	374.3	371.6
35°	359.6	324.4	358.2	370.6	397.1	398.5	375.7	352.1	353.8	377.4	400.2
36°	364.7	341.3	375.2	372.8	397.1	416.0	384.7	377.9	379.5	379.3	410.2
37°	373.1	395.5	400.8	379.7	405.0	413.7	395.7	438.2	414.7	390.0	414.0
38°	405.9	409.5	441.6	393.8	415.2	425.7	426.7	440.8	433.6	415.3	425.9
39°	416.7	417.9	445.9	438.6	423.9	457.5	442.8	444.7	438.9	439.6	444.9
40°	422.9	426.7	457.0	448.6	466.9	470.1	453.2	457.1	447.9	459.8	473.7
41°	431.3	433.8	463.2	468.1	464.4	474.0	463.4	464.8	462.6	481.5	477.2
42°	452.4	443.3	480.5	481.1	476.7	486.0	501.7	473.4	487.6	497.0	486.3
43°	465.6	467.3	490.6	488.6	486.0	495.7	509.0	502.8	494.7	502.3	502.4
44°	468.9	475.9	505.3	496.4	490.9	506.1	509.4	511.0	511.4	507.3	507.1

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	476.8	482.5	511.6	503.5	494.2	511.3	517.0	515.9	515.9	516.5	514.8
46°	485.7	493.0	518.3	512.2	501.7	513.5	526.8	521.4	522.6	523.1	523.0
47°	492.3	494.5	525.0	520.0	508.3	518.1	535.8	526.8	528.9	531.1	524.9
48°	494.8	499.8	533.2	527.6	512.2	523.4	540.3	529.9	534.0	540.3	526.4
49°	496.3	507.3	536.9	529.3	513.6	521.2	542.7	534.0	538.6	544.1	526.4
50°	497.7	507.8	536.5	529.9	515.5	519.5	545.2	536.7	540.7	539.8	524.9
51°	498.5	507.1	536.7	530.4	513.9	517.8	545.4	534.0	540.3	538.5	526.1
52°	499.2	506.9	538.5	527.5	515.4	516.2	543.7	533.5	538.1	537.5	524.0
53°	497.3	503.9	533.2	526.1	513.8	512.0	540.3	530.0	536.0	536.7	524.6
54°	496.1	500.2	529.1	521.4	510.5	508.0	532.4	527.0	532.1	532.3	519.4
55°	493.6	494.5	522.3	514.5	504.2	502.5	526.4	520.6	526.5	523.4	513.3
56°	491.9	489.5	516.7	505.6	495.9	498.1	516.9	511.9	518.6	517.5	506.7
57°	486.5	484.9	508.6	497.2	489.5	492.1	507.2	504.2	510.1	511.8	500.3
58°	480.3	477.5	500.3	489.1	481.1	486.6	497.9	496.1	500.3	502.8	492.3
59°	471.1	469.0	492.7	479.1	472.3	479.8	488.9	487.9	491.6	493.6	482.1
60°	461.2	459.5	482.0	471.1	462.9	470.4	480.1	479.6	483.5	482.8	469.8
61°	450.2	449.0	472.1	462.8	452.8	460.1	469.8	468.9	474.2	472.8	457.9
62°	442.7	437.1	460.6	453.0	443.0	448.5	457.7	458.5	461.1	463.1	448.0
63°	431.2	428.1	449.8	443.6	430.8	439.3	447.3	447.4	450.2	454.4	439.1
64°	421.5	414.8	437.9	431.9	420.3	426.3	435.5	436.2	441.3	443.9	428.6
65°	409.3	403.3	426.8	420.7	410.7	414.2	424.5	424.7	431.4	431.9	417.1
66°	399.1	392.9	414.8	408.6	399.3	402.4	414.8	413.6	419.5	420.5	405.2
67°	386.8	382.1	403.2	397.4	389.3	390.1	402.6	401.6	408.6	408.9	393.2
68°	377.4	371.6	391.8	385.3	377.6	380.4	391.2	389.6	397.1	395.6	381.1
69°	366.4	358.4	378.5	373.6	365.5	369.9	380.7	377.9	384.9	382.8	370.0
70°	355.1	349.4	367.0	360.9	354.6	358.5	368.8	367.5	371.6	369.8	357.0
71°	343.5	336.6	353.1	348.2	343.1	347.3	357.2	355.6	359.8	357.7	343.9
72°	331.7	324.0	339.1	335.5	332.6	334.3	343.7	343.6	346.1	344.3	330.6
73°	319.2	313.0	325.8	323.5	319.4	321.3	331.3	330.8	332.4	331.9	316.9
74°	307.2	299.3	310.8	309.6	305.1	307.2	317.7	317.4	318.2	318.1	303.7
75°	293.1	286.4	294.4	294.2	290.3	292.8	302.6	302.3	303.0	302.1	287.7
76°	278.9	271.6	280.0	278.6	276.5	277.1	286.9	287.1	286.6	285.6	273.3
77°	262.9	255.4	262.5	261.6	261.1	262.5	271.3	270.9	269.8	268.8	257.8
78°	248.1	239.6	244.9	245.3	246.1	247.9	256.5	254.9	253.2	252.6	241.6
79°	232.4	223.9	227.3	229.0	230.5	232.5	240.3	239.6	236.5	237.1	227.5
80°	216.7	208.1	209.7	212.7	214.9	217.0	224.1	223.9	220.3	221.6	212.6
81°	201.0	193.7	194.4	195.6	200.2	201.6	207.8	208.9	204.7	205.5	196.3
82°	183.8	178.6	177.8	178.8	183.9	185.7	189.5	192.1	187.8	187.2	180.8
83°	168.3	163.6	160.4	162.4	168.4	170.4	174.5	175.5	171.9	172.6	164.8
84°	152.7	148.8	145.5	147.1	153.5	155.9	158.4	159.3	156.5	156.9	150.8
85°	137.9	133.7	130.0	131.2	137.9	140.5	141.4	143.8	139.7	140.6	136.1
86°	122.8	120.0	116.1	117.3	124.8	127.2	127.4	128.3	124.5	126.2	120.5
87°	109.8	106.6	102.3	103.0	111.3	113.4	112.8	114.4	110.7	111.9	107.7
88°	99.2	96.7	92.0	91.5	100.6	101.5	101.1	103.4	99.6	101.2	99.8
89°	91.6	89.0	85.2	84.0	92.8	93.7	93.4	97.2	93.2	95.0	92.0

REPORT NUMBER: P1192950
CATALOG NUMBER: BOLD42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	86.3	84.0	80.3	78.7	87.1	87.6	87.8	91.0	86.9	88.9	84.2
91°	81.7	79.4	76.2	74.2	82.0	82.4	83.1	84.9	82.5	82.8	79.1
92°	76.6	74.7	72.0	69.8	77.0	77.2	78.2	80.0	77.8	78.0	74.7
93°	71.0	69.4	67.1	65.0	71.4	71.5	72.8	74.6	73.0	72.7	69.6
94°	65.1	63.5	61.7	59.9	65.5	65.9	67.2	68.7	67.3	67.0	64.1
95°	58.8	57.4	55.8	54.8	59.7	59.8	61.1	62.6	61.9	61.4	58.7
96°	53.2	51.6	50.3	49.7	53.9	54.2	55.4	56.5	56.2	55.4	52.9
97°	48.0	46.5	45.3	45.1	48.8	49.0	50.1	51.0	50.8	50.3	48.4
98°	43.5	41.7	40.7	41.1	44.3	44.5	45.3	46.0	46.1	45.5	44.0
99°	39.7	37.9	36.9	37.6	40.4	40.6	41.4	41.8	41.9	41.5	40.1
100°	36.3	34.5	33.9	34.7	37.2	37.3	37.9	38.1	38.5	38.2	37.2
101°	33.6	31.8	31.4	32.3	34.6	34.7	35.1	35.2	35.7	35.3	34.3
102°	31.3	29.7	29.3	30.4	32.4	32.5	32.9	32.9	33.4	33.1	32.3
103°	29.6	27.9	27.7	28.9	30.7	30.6	31.0	30.9	31.5	31.2	30.5
104°	28.1	26.6	26.5	27.6	29.3	29.1	29.5	29.3	30.0	29.6	29.0
105°	26.8	25.4	25.4	26.5	28.1	27.9	28.2	28.0	28.7	28.3	27.8
106°	25.7	24.5	24.5	25.5	27.0	26.8	27.0	26.8	27.5	27.1	26.6
107°	24.7	23.7	23.6	24.6	26.0	25.8	26.0	25.7	26.4	26.0	25.5
108°	23.8	22.9	22.7	23.7	25.0	24.9	24.9	24.7	25.5	24.9	24.5
109°	22.8	22.1	21.9	22.8	24.1	24.0	23.9	23.7	24.5	23.9	23.6
110°	22.0	21.3	21.0	22.0	23.1	23.1	23.0	22.8	23.5	22.9	22.7
111°	21.0	20.5	20.1	21.0	22.2	22.1	22.0	21.9	22.5	21.9	21.7
112°	20.1	19.6	19.2	20.0	21.1	21.1	20.9	20.9	21.6	20.9	20.7
113°	19.1	18.8	18.2	19.0	20.0	20.1	19.9	20.0	20.6	20.0	19.8
114°	18.1	17.9	17.3	18.0	19.0	19.0	18.9	19.0	19.6	19.0	18.8
115°	17.2	17.0	16.3	17.0	17.9	18.0	18.0	18.1	18.7	18.1	17.9
116°	16.2	16.1	15.3	15.9	16.8	17.0	17.0	17.1	17.8	17.1	17.0
117°	15.3	15.1	14.4	15.0	15.8	16.0	16.1	16.2	16.8	16.2	16.1
118°	14.5	14.3	13.6	14.0	14.8	15.1	15.2	15.4	16.0	15.4	15.3
119°	13.6	13.4	12.7	13.2	13.9	14.2	14.3	14.6	15.2	14.7	14.5
120°	12.9	12.7	12.0	12.4	13.0	13.4	13.6	13.8	14.4	14.0	13.9
121°	12.2	12.0	11.4	11.7	12.3	12.8	13.0	13.2	13.8	13.4	13.4
122°	11.6	11.4	10.8	11.2	11.7	12.2	12.4	12.6	13.2	12.9	12.9
123°	11.1	10.8	10.3	10.6	11.2	11.7	11.9	12.2	12.8	12.5	12.5
124°	10.6	10.4	9.9	10.2	10.8	11.3	11.5	11.8	12.4	12.2	12.1
125°	10.2	10.0	9.6	9.9	10.4	11.0	11.3	11.6	12.2	12.1	11.9
126°	9.9	9.7	9.3	9.6	10.2	10.8	11.2	11.5	12.1	12.0	11.7
127°	9.6	9.4	9.1	9.4	10.0	10.7	11.2	11.4	12.2	11.9	11.5
128°	9.3	9.2	9.0	9.3	10.0	10.7	11.1	11.5	12.2	11.8	11.4
129°	9.1	9.0	8.9	9.3	9.8	10.7	11.1	11.5	12.2	11.7	11.4
130°	9.0	8.8	8.7	9.1	9.7	10.6	11.0	11.4	12.0	11.5	11.3
131°	8.8	8.6	8.6	9.0	9.7	10.6	10.9	11.4	11.8	11.4	11.2
132°	8.6	8.5	8.5	8.9	9.7	10.6	11.0	11.3	11.6	11.2	11.1
133°	8.5	8.4	8.4	8.8	9.6	10.5	10.9	11.0	11.3	10.9	10.8
134°	8.3	8.3	8.3	8.8	9.6	10.5	10.7	10.7	10.9	10.6	10.5

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CATALOG NUMBER: BOLD42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	8.1	8.2	8.2	8.8	9.5	10.2	10.4	10.4	10.6	10.2	10.2
136°	8.0	8.1	8.1	8.6	9.2	9.9	10.1	10.1	10.3	10.0	10.0
137°	7.8	7.8	7.7	8.2	8.9	9.4	9.7	9.8	10.0	9.8	9.9
138°	7.5	7.6	7.5	7.8	8.4	9.0	9.3	9.5	9.7	9.6	9.7
139°	7.2	7.3	7.2	7.5	8.0	8.6	8.9	9.2	9.4	9.3	9.4
140°	7.0	7.0	6.9	7.2	7.7	8.2	8.4	8.8	9.3	9.1	9.3
141°	6.8	6.8	6.7	6.9	7.3	7.9	8.0	8.5	9.1	8.9	9.0
142°	6.6	6.6	6.5	6.7	7.1	7.6	7.8	8.2	8.7	8.7	8.8
143°	6.4	6.4	6.3	6.4	6.8	7.3	7.6	8.0	8.5	8.6	8.7
144°	6.3	6.2	6.1	6.2	6.6	7.0	7.3	7.8	8.4	8.6	8.8
145°	6.1	6.0	5.9	6.0	6.3	6.7	7.1	7.6	8.4	8.6	8.8
146°	5.9	5.8	5.7	5.8	6.1	6.5	7.0	7.4	8.1	8.4	9.2
147°	5.7	5.6	5.6	5.6	5.9	6.4	6.7	7.3	7.9	8.4	8.5
148°	5.5	5.5	5.4	5.4	5.7	6.2	6.5	7.3	7.8	8.1	8.2
149°	5.3	5.3	5.2	5.2	5.5	6.0	6.4	7.1	7.6	8.1	7.9
150°	5.2	5.1	5.1	5.0	5.3	5.7	6.3	6.8	7.5	7.8	7.5
151°	5.0	5.0	4.9	4.8	5.1	5.5	6.0	6.5	7.2	7.4	7.4
152°	4.8	4.8	4.7	4.6	5.0	5.4	5.7	6.2	6.8	7.0	7.2
153°	4.7	4.6	4.6	4.5	4.8	5.1	5.6	5.9	6.5	6.7	7.0
154°	4.5	4.5	4.4	4.3	4.6	4.9	5.4	5.7	6.2	6.6	6.7
155°	4.4	4.3	4.3	4.1	4.4	4.8	5.2	5.5	6.0	6.3	6.4
156°	4.2	4.2	4.1	4.0	4.3	4.6	5.0	5.3	5.8	6.1	6.2
157°	4.0	4.0	4.0	3.8	4.1	4.5	4.8	5.1	5.6	5.9	6.2
158°	3.9	3.9	3.8	3.7	3.9	4.3	4.6	4.9	5.3	5.8	5.9
159°	3.7	3.7	3.7	3.6	3.8	4.1	4.3	4.6	5.1	5.4	5.6
160°	3.6	3.6	3.6	3.5	3.6	3.9	4.2	4.4	4.8	5.2	5.5
161°	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.2	4.6	5.0	5.4
162°	3.3	3.3	3.3	3.3	3.2	3.5	3.8	4.1	4.4	4.8	5.1
163°	3.1	3.2	3.1	3.1	3.1	3.3	3.6	3.9	4.2	4.6	4.9
164°	3.0	3.0	3.0	2.9	2.9	3.1	3.4	3.8	4.0	4.4	4.6
165°	2.8	2.9	2.8	2.8	2.8	2.9	3.2	3.6	3.8	4.2	4.3
166°	2.6	2.7	2.7	2.6	2.6	2.7	3.0	3.5	3.6	3.9	4.1
167°	2.5	2.5	2.5	2.4	2.5	2.5	2.8	3.3	3.4	3.7	3.9
168°	2.3	2.3	2.4	2.3	2.3	2.3	2.6	3.1	3.3	3.5	3.7
169°	2.2	2.1	2.2	2.1	2.1	2.1	2.3	2.8	3.0	3.3	3.4
170°	2.0	1.9	2.0	1.9	1.9	1.9	2.1	2.6	2.8	3.1	3.2
171°	1.8	1.7	1.7	1.7	1.7	1.7	1.9	2.3	2.6	2.7	2.8
172°	1.6	1.5	1.5	1.5	1.5	1.5	1.7	2.0	2.2	2.4	2.5
173°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.7	1.9	2.0	2.1
174°	1.2	1.1	1.0	1.0	1.0	1.1	1.2	1.3	1.5	1.6	1.6
175°	0.9	0.8	0.8	0.8	0.8	0.8	0.9	1.0	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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



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CATALOG NUMBER: BOLD42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

180°	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

REPORT NUMBER: P1192950
CATALOG NUMBER: BOLD42-25S-BZ-15W-4000K

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°	1.1	1.0	0.9
6°	2.0	2.0	2.0
7°	4.3	4.0	4.0
8°	8.5	8.1	7.5
9°	12.6	13.0	14.1
10°	20.4	20.8	22.9
11°	28.2	28.6	31.8
12°	36.1	36.5	40.6
13°	46.3	52.0	52.5
14°	62.3	65.8	70.4
15°	75.9	70.7	81.7
16°	85.6	97.2	93.8
17°	99.9	115.5	116.8
18°	122.9	127.2	136.1
19°	149.1	163.0	164.0
20°	169.8	172.5	183.3
21°	186.0	194.5	199.8
22°	192.3	211.6	217.9
23°	213.6	224.8	236.0
24°	235.1	237.9	254.2
25°	256.6	250.9	261.9
26°	261.5	265.6	273.3
27°	276.7	280.6	286.4
28°	289.7	297.3	292.8
29°	299.7	312.5	300.8
30°	316.5	324.6	311.0
31°	323.7	334.8	318.7
32°	343.7	355.2	328.0
33°	366.3	372.1	334.7
34°	384.6	372.9	342.3
35°	396.1	376.2	346.0
36°	410.2	382.9	388.9
37°	424.7	413.7	418.8
38°	444.2	435.2	429.4
39°	470.8	442.1	439.2
40°	476.4	456.0	448.4
41°	487.3	473.2	455.5
42°	494.4	486.5	472.2
43°	500.4	490.6	493.7
44°	508.9	508.4	501.1

REPORT NUMBER: P1192950
CATALOG NUMBER: BOLD42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	513.4	516.2	510.7
46°	519.0	527.6	519.5
47°	524.1	532.4	525.1
48°	526.5	537.1	528.6
49°	525.9	540.9	533.6
50°	527.9	541.3	531.8
51°	530.9	540.9	533.6
52°	525.7	538.0	531.9
53°	519.2	535.0	525.5
54°	513.3	531.4	523.0
55°	507.4	526.2	517.7
56°	499.7	519.7	510.3
57°	494.4	509.7	503.5
58°	485.8	499.0	493.1
59°	475.2	487.5	484.3
60°	464.8	477.9	474.8
61°	455.0	468.0	464.2
62°	443.1	455.5	453.1
63°	433.4	445.2	441.0
64°	422.7	434.2	430.4
65°	411.5	423.1	419.1
66°	400.0	411.4	406.5
67°	389.1	399.1	394.5
68°	378.4	386.0	382.7
69°	366.0	375.1	371.6
70°	352.4	363.8	360.5
71°	340.3	351.3	347.9
72°	328.2	338.2	334.5
73°	315.5	325.2	321.9
74°	302.2	311.6	309.8
75°	287.4	295.2	294.5
76°	272.7	278.0	278.8
77°	257.0	262.4	263.2
78°	240.6	246.3	247.4
79°	226.1	230.0	230.6
80°	212.4	213.6	215.2
81°	196.7	197.5	199.9
82°	180.7	181.2	181.4
83°	165.3	166.3	164.7
84°	149.4	150.3	150.6
85°	134.9	135.7	135.3
86°	120.0	120.9	120.8
87°	106.4	107.9	107.3
88°	98.8	99.9	99.4
89°	91.2	92.1	91.8

REPORT NUMBER: P1192950
CATALOG NUMBER: BOLD42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	83.7	84.3	84.1
91°	78.8	79.6	79.3
92°	74.2	74.8	74.4
93°	69.0	69.8	69.3
94°	63.7	64.3	63.6
95°	57.9	58.4	57.9
96°	52.8	53.0	52.5
97°	47.8	48.0	47.4
98°	43.6	43.8	43.1
99°	40.1	40.1	39.2
100°	37.0	36.8	36.1
101°	34.4	34.3	33.5
102°	32.4	32.2	31.3
103°	30.7	30.5	29.7
104°	29.2	29.0	28.3
105°	28.0	27.8	27.1
106°	26.8	26.7	26.0
107°	25.8	25.6	25.0
108°	24.8	24.6	24.1
109°	23.7	23.6	23.1
110°	22.7	22.6	22.1
111°	21.7	21.6	21.2
112°	20.7	20.6	20.3
113°	19.7	19.6	19.4
114°	18.6	18.6	18.4
115°	17.7	17.6	17.6
116°	16.8	16.7	16.7
117°	16.0	15.9	15.9
118°	15.2	15.0	15.2
119°	14.5	14.3	14.4
120°	13.8	13.6	13.8
121°	13.2	13.0	13.2
122°	12.7	12.6	12.7
123°	12.4	12.1	12.3
124°	12.0	11.7	11.9
125°	11.6	11.4	11.5
126°	11.4	11.1	11.3
127°	11.3	11.0	11.1
128°	11.1	10.8	10.9
129°	11.0	10.7	10.7
130°	10.9	10.7	10.6
131°	10.8	10.6	10.5
132°	10.8	10.5	10.4
133°	10.7	10.3	10.3
134°	10.5	10.1	10.1

REPORT NUMBER: P1192950
CATALOG NUMBER: BOLD42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	10.2	9.9	9.9
136°	10.0	9.9	9.7
137°	9.9	9.7	9.6
138°	9.7	9.6	9.5
139°	9.6	9.5	9.4
140°	9.5	9.3	9.4
141°	9.3	9.2	9.5
142°	9.0	9.1	9.6
143°	8.8	9.0	9.4
144°	8.7	9.2	9.0
145°	8.5	9.3	9.0
146°	8.2	8.9	9.1
147°	8.1	8.5	8.7
148°	7.9	8.3	8.4
149°	7.5	8.0	8.5
150°	7.2	7.6	8.4
151°	7.1	7.4	8.0
152°	7.0	7.0	7.6
153°	6.7	6.7	7.2
154°	6.5	6.7	7.1
155°	6.5	6.7	6.7
156°	6.3	6.6	6.4
157°	6.1	6.4	6.1
158°	5.9	6.1	6.0
159°	5.8	5.9	5.8
160°	5.6	5.8	5.7
161°	5.5	5.6	5.6
162°	5.3	5.4	5.5
163°	5.1	5.3	5.3
164°	4.9	5.1	5.0
165°	4.7	4.8	4.9
166°	4.4	4.6	4.6
167°	4.2	4.3	4.4
168°	3.9	4.1	4.1
169°	3.7	3.8	3.9
170°	3.3	3.5	3.5
171°	2.9	3.1	3.1
172°	2.5	2.7	2.6
173°	2.1	2.2	2.1
174°	1.6	1.7	1.6
175°	1.1	1.1	1.1
176°	0.6	0.6	0.6
177°	0.4	0.4	0.4
178°	0.4	0.4	0.4
179°	0.4	0.4	0.4

REPORT NUMBER: P1192950
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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.4	0.4	0.4

(END OF REPORT)