

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: P1192954

Luminaire Tested: BOLD42-25S-BZ-20W-5000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192954
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-5000K
Description: Dome Shaped Bollard, 42" length, 20W, BZ at 5000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

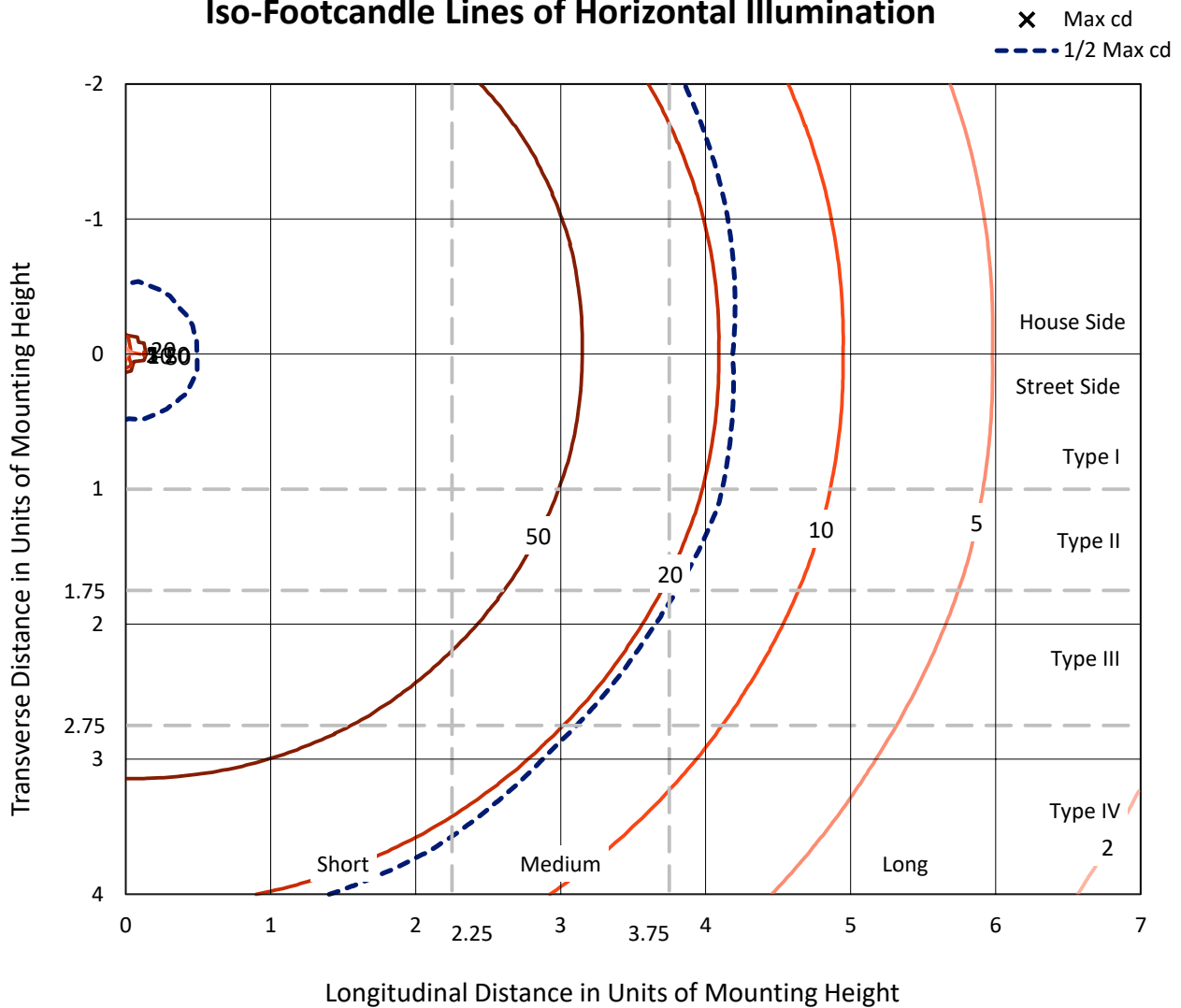
Summary

Lumens per Lamp: 2153.4 (1 lamp)
Luminaire Lumens: 3049.4 lumens
Efficiency: 141.6%
Efficacy: 154.0 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): 19.8
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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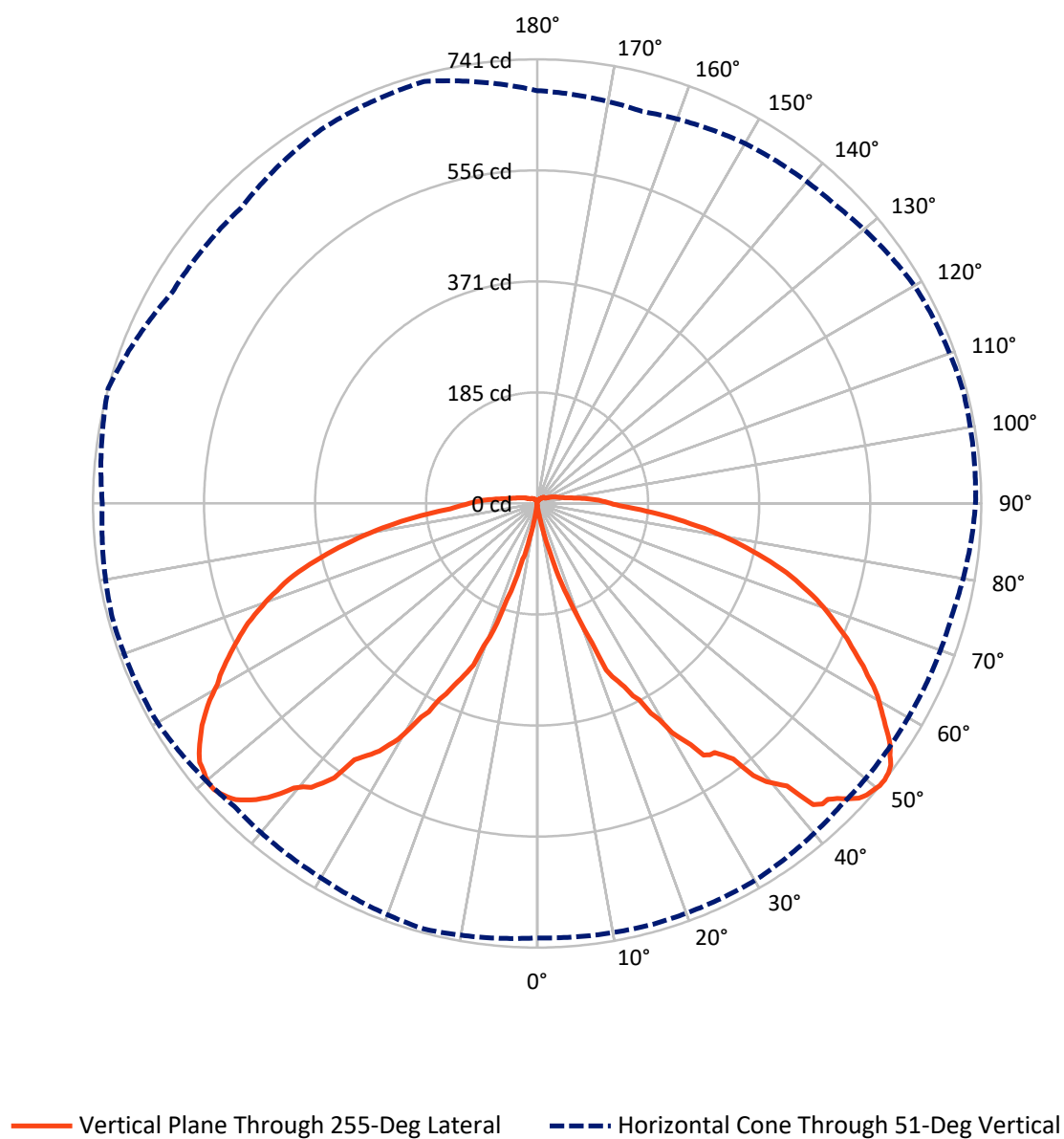
Iso-Footcandle Lines of Horizontal Illumination



Based on 0.5 foot mounting height. Maximum calculated value = 1236.7 fc
 Type V - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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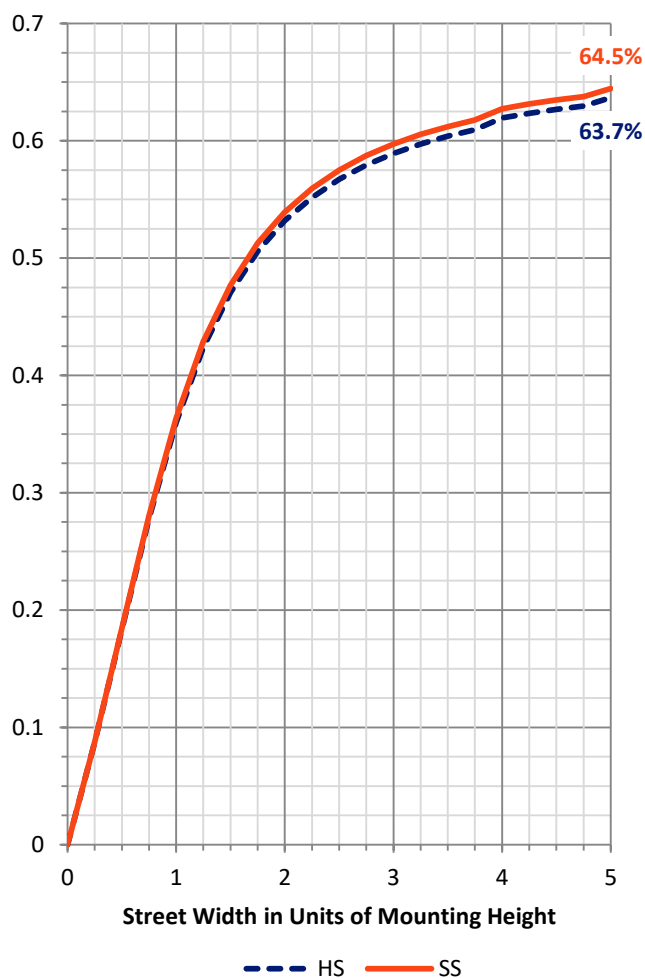
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1421.2	92.5	1513.8
	% Lamp	66.0	4.3	70.3
Street Side	Lumens	1440.6	95.1	1535.6
	% Lamp	66.9	4.4	71.3
Total	Lumens	2861.8	187.6	3049.4
	% Lamp	132.9	8.7	141.6

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.7	0.0	0.0
10°-20°	33.8	1.1	1.6
20°-30°	156.9	5.1	7.3
30°-40°	326.7	10.7	15.2
40°-50°	532.1	17.4	24.7
50°-60°	619.3	20.3	28.8
60°-70°	562.9	18.5	26.1
70°-80°	420.1	13.8	19.5
80°-90°	209.2	6.9	9.7
90°-100°	88.9	2.9	4.1
100°-110°	40.3	1.3	1.9
110°-120°	23.6	0.8	1.1
120°-130°	13.7	0.4	0.6
130°-140°	9.9	0.3	0.5
140°-150°	6.2	0.2	0.3
150°-160°	3.4	0.1	0.2
160°-170°	1.4	0.0	0.1
170°-180°	0.2	0.0	0.0
0°-90°	2861.8	93.8	132.9
0°-180°	3049.4	100.0	141.6

Coefficient of Utilization



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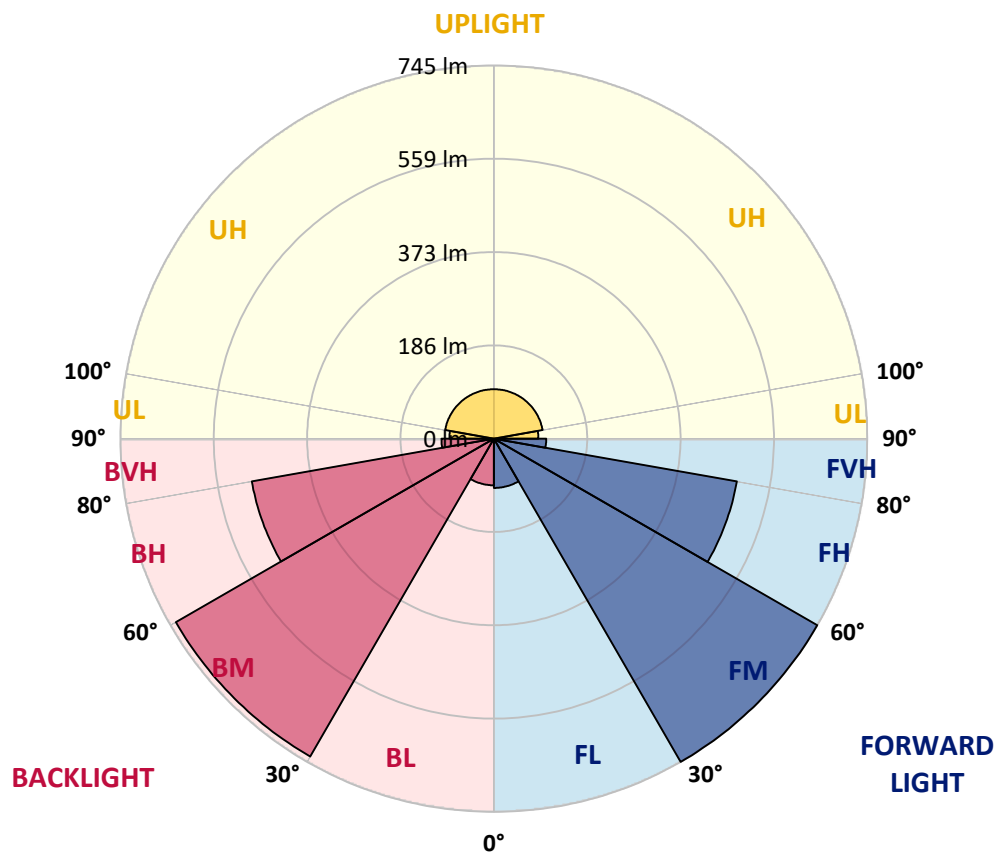
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	98.4	4.6			
FM	(30°-60°)	745.2	34.6			
FH	(60°-80°)	492.5	22.9			G0/660
FVH	(80°-90°)	104.5	4.9			G2/225
BL	(0°-30°)	93.1	4.3	B0/110		
BM	(30°-60°)	732.9	34.0	B1/1000		
BH	(60°-80°)	490.6	22.8	B1/500		G0/660
BVH	(80°-90°)	104.7	4.9			G2/225
UL	(90°-100°)	88.9	4.1		U3/500	
UH	(100°-180°)	98.7	4.6		U3/500	
Trapped Light		-896.0	-41.6			

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	0.3	0.3
2°	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.3
3°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3
4°	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4
5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.6
6°	2.7	2.5	2.2	2.1	1.9	1.5	1.3	1.2	1.2	1.2	1.2
7°	5.5	4.6	4.4	4.1	3.7	3.2	2.4	2.2	2.3	2.4	2.3
8°	10.2	10.3	10.7	11.3	10.4	9.5	7.8	7.6	8.0	7.6	8.0
9°	19.2	19.3	18.4	18.4	17.7	14.9	13.1	12.9	13.6	12.9	13.7
10°	31.2	30.3	29.5	29.3	28.4	26.1	18.7	18.4	19.3	18.3	19.4
11°	43.2	41.3	40.6	40.2	39.1	37.4	29.5	28.3	27.9	28.0	28.0
12°	55.2	52.4	51.7	51.1	49.8	48.7	43.6	43.2	46.8	42.2	42.4
13°	71.4	67.3	67.4	65.9	61.8	68.8	57.3	57.8	59.2	52.0	54.8
14°	95.7	88.4	81.8	85.6	84.5	88.5	84.7	75.7	70.4	68.5	69.6
15°	111.0	106.7	104.3	105.9	99.9	95.6	108.2	98.0	92.7	89.5	89.2
16°	127.4	132.2	134.2	132.8	121.5	123.5	131.7	120.4	113.7	110.8	107.5
17°	158.7	171.2	149.7	152.7	157.4	152.8	155.0	142.8	134.8	132.2	125.9
18°	185.0	191.3	182.8	166.4	172.4	167.6	170.7	167.1	162.8	158.6	144.3
19°	222.9	214.2	216.9	211.0	194.6	210.3	196.4	198.6	198.5	182.6	170.4
20°	249.2	252.0	233.7	236.6	230.4	236.1	246.9	233.9	225.7	212.1	199.8
21°	271.5	283.0	269.0	250.5	254.9	253.1	255.8	260.5	252.2	235.7	229.3
22°	296.2	303.4	282.1	280.4	270.5	289.7	282.6	295.0	268.3	255.9	260.9
23°	320.8	323.9	305.1	298.9	289.7	304.3	317.0	305.6	295.9	285.3	267.5
24°	345.4	344.4	328.3	317.1	309.0	318.8	329.5	335.3	320.1	296.6	292.8
25°	356.0	362.2	351.5	335.3	328.3	333.3	352.2	355.0	341.9	329.1	319.3
26°	371.4	373.9	363.6	365.1	360.8	351.9	364.8	367.9	349.8	337.3	334.4
27°	389.3	375.1	389.3	384.8	376.8	365.1	379.7	372.9	372.0	361.7	352.2
28°	397.9	390.2	401.7	399.8	391.8	392.0	388.9	393.4	385.6	388.6	372.6
29°	408.8	405.9	418.8	416.4	415.0	405.6	405.0	397.1	404.7	395.8	391.4
30°	422.7	423.4	437.6	441.2	422.5	431.9	424.6	399.6	431.1	418.3	406.2
31°	433.1	431.3	463.9	449.4	455.5	456.6	437.6	416.4	454.2	443.0	426.0
32°	445.8	444.1	471.4	459.5	467.9	472.4	452.4	431.0	466.1	448.0	451.5
33°	454.9	461.8	491.7	488.2	492.4	490.0	463.1	446.6	469.2	469.1	465.9
34°	465.2	476.7	514.1	520.8	509.8	501.8	470.3	459.4	495.1	499.5	493.3
35°	470.3	494.8	520.3	548.0	532.1	513.4	480.6	480.5	504.4	566.8	514.1
36°	528.5	525.7	526.5	556.5	581.2	525.3	517.0	520.4	512.2	571.3	537.4
37°	569.2	556.4	531.0	570.1	591.5	569.5	590.1	547.9	529.2	570.4	557.3
38°	583.6	587.1	564.0	582.7	636.0	588.1	604.8	596.4	555.6	583.5	573.3
39°	596.9	609.7	607.5	595.9	646.0	605.6	616.4	609.8	599.1	600.2	614.0
40°	609.4	617.6	632.4	632.5	664.0	613.1	624.3	617.2	613.7	639.4	628.6
41°	619.0	627.9	670.3	657.2	670.5	624.8	637.0	635.9	653.2	659.8	641.1
42°	641.7	654.0	670.0	663.3	684.0	646.5	657.1	666.9	668.6	671.0	654.9
43°	671.0	669.0	681.9	670.3	688.2	665.6	688.7	685.6	676.7	669.7	662.9
44°	681.0	687.7	691.4	681.5	696.6	681.3	699.5	693.4	686.4	681.6	669.0

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	694.1	703.0	700.0	688.3	707.4	693.9	709.2	706.0	700.0	694.3	678.5
46°	706.1	713.5	706.3	693.7	712.9	705.6	718.6	718.4	705.8	698.6	681.3
47°	713.6	718.3	715.0	699.3	716.2	712.0	724.1	719.8	713.0	703.8	686.6
48°	718.4	720.3	722.0	700.7	720.0	717.0	729.0	721.2	720.3	707.7	692.1
49°	725.2	724.5	723.9	708.2	720.4	720.6	729.4	729.2	722.5	707.1	693.8
50°	722.8	729.1	727.2	716.7	720.0	720.3	732.7	732.8	730.4	704.7	696.2
51°	725.2	728.4	726.8	715.1	715.1	717.1	731.8	735.5	727.3	704.2	693.9
52°	722.9	727.0	719.9	709.9	709.7	712.8	727.4	734.6	721.9	702.6	691.7
53°	714.2	722.9	713.5	704.6	700.1	709.8	718.8	727.2	721.8	700.9	681.9
54°	710.7	715.2	709.0	696.8	694.5	701.7	712.9	717.9	716.0	688.9	675.8
55°	703.5	706.4	701.0	691.1	683.4	691.8	704.8	706.8	708.5	683.9	669.4
56°	693.6	694.6	693.0	681.1	674.8	680.9	691.8	699.0	698.3	679.8	661.2
57°	684.2	683.8	685.1	666.9	662.6	670.7	678.1	682.5	687.9	670.0	657.2
58°	670.1	672.2	674.8	653.9	649.5	657.5	665.4	672.8	675.8	655.1	644.7
59°	658.1	661.1	662.1	641.8	638.9	644.9	651.3	657.8	662.0	645.5	632.4
60°	645.2	650.4	649.2	630.9	628.7	629.2	635.5	644.2	649.5	629.9	620.8
61°	630.9	636.4	636.7	618.0	617.3	613.2	622.6	630.5	636.1	614.4	610.7
62°	615.8	620.9	623.9	602.2	604.3	602.0	608.2	618.1	623.2	604.3	597.5
63°	599.3	607.2	608.8	589.1	587.9	588.8	592.8	603.5	612.6	589.3	584.8
64°	585.0	591.4	594.5	578.1	573.4	575.9	578.4	589.3	597.7	577.6	571.0
65°	569.6	575.1	580.0	562.5	560.5	562.7	564.9	576.1	580.6	562.2	556.0
66°	552.5	559.5	565.1	548.6	546.8	549.2	549.7	561.6	565.6	550.6	541.4
67°	536.1	543.5	548.2	534.8	531.7	535.7	535.9	548.2	550.5	536.1	527.9
68°	520.1	526.8	530.6	520.7	518.2	522.2	521.2	532.2	535.9	522.0	513.8
69°	505.0	511.6	514.5	505.7	501.7	506.8	505.4	518.7	521.9	507.1	499.4
70°	489.9	495.3	498.1	488.4	485.1	489.8	489.8	499.7	505.2	491.6	485.3
71°	472.9	478.7	480.6	473.0	470.2	475.1	473.5	485.2	486.7	475.2	466.9
72°	454.6	460.7	462.2	454.2	453.4	457.5	456.4	467.3	468.9	457.3	449.8
73°	437.5	442.3	444.3	436.7	436.0	442.5	439.4	449.6	452.3	439.2	433.4
74°	421.0	423.5	424.7	417.1	417.6	424.3	420.0	429.0	433.5	421.0	415.2
75°	400.2	403.5	402.9	397.4	396.6	403.6	400.4	408.8	411.1	400.4	393.9
76°	379.0	382.9	381.8	376.3	377.0	382.4	378.4	385.9	389.3	378.4	376.0
77°	357.7	360.6	360.2	354.5	354.9	360.5	357.4	363.0	368.0	357.0	355.0
78°	336.3	336.7	336.7	333.0	333.5	339.2	334.4	340.4	345.9	337.5	333.9
79°	313.4	314.9	315.5	312.8	312.4	315.4	311.4	318.5	323.0	316.0	313.3
80°	292.4	294.2	296.0	291.6	290.5	294.3	288.4	296.7	300.2	294.4	292.7
81°	271.6	272.8	273.0	268.8	266.8	272.3	268.2	274.8	277.3	272.8	272.9
82°	246.6	251.0	249.5	245.7	245.2	248.7	244.7	251.1	253.6	250.4	250.1
83°	223.8	228.2	227.3	225.4	224.3	228.7	221.4	228.3	232.0	230.8	230.2
84°	204.7	208.1	208.0	203.2	202.8	204.7	201.5	207.5	210.7	209.2	210.0
85°	183.9	185.6	185.8	182.7	181.1	184.2	178.7	184.6	189.1	189.3	188.9
86°	164.2	165.8	165.1	163.7	162.2	164.4	158.9	164.5	168.6	169.6	169.9
87°	145.8	147.4	145.9	143.9	144.9	145.4	140.8	145.9	150.0	149.1	151.0
88°	135.1	136.4	135.2	134.1	134.8	135.7	128.4	133.3	135.4	136.5	137.2
89°	124.7	125.5	124.6	124.5	125.1	126.1	119.7	124.5	126.7	126.3	126.4

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	114.3	114.5	114.0	115.0	115.3	116.5	114.1	117.9	119.7	119.5	119.5
91°	107.8	107.7	107.2	108.8	108.8	110.2	108.1	111.8	113.2	112.8	112.5
92°	101.1	101.5	100.7	102.2	102.5	103.9	102.3	106.1	106.9	105.7	105.3
93°	94.2	94.5	93.7	95.1	95.1	96.3	95.7	99.2	99.1	98.0	97.7
94°	86.4	86.5	86.1	87.3	87.1	88.4	87.9	91.3	91.3	89.9	89.0
95°	78.7	78.8	78.4	79.4	79.5	80.2	80.4	83.7	83.2	81.4	80.6
96°	71.4	71.0	71.1	72.3	71.8	72.5	72.8	76.0	75.4	73.9	73.0
97°	64.4	64.4	64.4	65.4	65.5	65.9	65.9	69.2	68.6	66.9	66.0
98°	58.5	58.5	58.5	59.7	59.8	59.8	60.1	63.2	62.4	60.9	60.0
99°	53.2	53.2	53.4	54.8	54.7	54.7	54.6	57.6	57.0	55.7	54.6
100°	49.0	48.7	49.1	50.1	50.5	50.1	50.1	53.1	52.4	51.1	50.1
101°	45.5	45.1	45.4	46.5	46.6	46.2	46.2	48.9	48.3	47.3	46.3
102°	42.6	42.3	42.5	43.2	43.7	43.2	43.0	45.6	45.0	44.0	43.2
103°	40.4	39.9	40.1	40.7	41.2	40.5	40.4	43.0	42.2	41.2	40.5
104°	38.4	38.0	38.0	38.5	38.9	38.4	38.2	40.6	39.8	39.0	38.4
105°	36.8	36.3	36.3	36.6	37.0	36.5	36.3	38.7	37.8	37.0	36.6
106°	35.4	34.8	34.7	34.8	35.3	34.8	34.6	36.7	36.0	35.3	34.8
107°	34.0	33.5	33.2	33.3	33.7	33.2	33.1	35.2	34.3	33.7	33.4
108°	32.7	32.1	31.8	31.8	32.2	31.7	31.6	33.7	32.8	32.2	32.0
109°	31.4	30.8	30.5	30.5	30.7	30.3	30.2	32.1	31.2	30.8	30.8
110°	30.1	29.5	29.2	29.0	29.3	28.9	28.9	30.8	29.8	29.5	29.5
111°	28.8	28.3	27.9	27.8	28.0	27.5	27.5	29.4	28.4	28.1	28.2
112°	27.6	27.0	26.6	26.5	26.6	26.2	26.1	28.0	27.0	26.7	26.9
113°	26.3	25.8	25.4	25.2	25.2	24.9	24.8	26.5	25.6	25.4	25.6
114°	25.1	24.6	24.1	24.0	23.9	23.5	23.6	25.2	24.2	24.1	24.4
115°	23.9	23.4	22.9	22.8	22.6	22.2	22.3	23.9	23.0	22.8	23.1
116°	22.7	22.3	21.8	21.6	21.4	21.0	21.1	22.7	21.8	21.6	21.9
117°	21.7	21.2	20.7	20.5	20.3	19.7	20.0	21.4	20.7	20.5	20.8
118°	20.6	20.2	19.8	19.4	19.1	18.7	18.8	20.3	19.7	19.4	19.6
119°	19.6	19.2	18.8	18.4	18.1	17.6	17.9	19.3	18.7	18.5	18.6
120°	18.7	18.3	17.9	17.6	17.2	16.7	17.0	18.3	17.8	17.6	17.7
121°	17.9	17.6	17.2	16.8	16.4	15.9	16.2	17.5	17.1	16.7	16.8
122°	17.3	16.9	16.6	16.1	15.7	15.2	15.5	16.7	16.3	16.0	16.0
123°	16.7	16.4	16.1	15.7	15.2	14.6	14.9	16.1	15.7	15.4	15.3
124°	16.2	16.0	15.8	15.3	14.8	14.0	14.4	15.5	15.2	14.8	14.8
125°	15.7	15.5	15.4	15.1	14.5	13.6	14.0	15.0	14.7	14.3	14.2
126°	15.4	15.2	15.1	14.8	14.2	13.3	13.6	14.6	14.3	13.9	13.7
127°	15.1	14.9	14.9	14.6	14.0	13.1	13.3	14.3	14.0	13.5	13.3
128°	14.8	14.6	14.7	14.5	13.9	13.1	13.1	13.9	13.6	13.1	13.0
129°	14.5	14.4	14.5	14.4	13.9	13.0	12.9	13.6	13.4	12.9	12.7
130°	14.4	14.3	14.3	14.3	13.8	12.8	12.8	13.3	13.2	12.7	12.5
131°	14.3	14.2	14.3	14.3	13.7	12.8	12.8	13.1	13.0	12.6	12.3
132°	14.2	14.2	14.3	14.2	13.7	12.7	12.6	13.0	13.0	12.5	12.1
133°	14.0	14.0	14.1	14.1	13.5	12.5	12.3	12.9	12.8	12.4	11.8
134°	13.7	13.6	13.6	13.8	13.2	12.2	12.1	12.7	12.4	12.0	11.6

REPORT NUMBER: P1192954
CATALOG NUMBER: BOLD42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	13.4	13.3	13.1	13.3	12.9	11.9	11.8	12.3	12.0	11.6	11.3
136°	13.2	13.1	12.8	12.9	12.5	11.5	11.6	12.0	11.7	11.2	11.0
137°	13.0	12.9	12.5	12.4	12.1	11.2	11.4	11.7	11.3	10.8	10.7
138°	13.0	12.7	12.2	11.9	11.8	10.8	11.0	11.3	11.0	10.5	10.4
139°	12.8	12.5	11.8	11.6	11.5	10.6	10.7	11.0	10.7	10.2	10.1
140°	12.8	12.3	11.5	11.3	11.0	10.4	10.4	10.6	10.4	9.9	9.8
141°	12.9	12.2	11.1	10.9	10.6	10.3	10.0	10.2	10.1	9.6	9.4
142°	13.0	12.6	10.9	10.7	10.2	9.9	9.8	9.9	9.8	9.3	9.1
143°	12.8	12.3	10.9	10.6	9.8	9.7	9.5	9.6	9.5	9.1	8.9
144°	12.3	12.2	11.0	9.9	9.6	9.4	9.3	9.3	9.2	8.8	8.6
145°	12.2	12.2	11.5	9.5	9.3	9.0	8.9	9.0	8.9	8.5	8.3
146°	12.3	11.8	11.2	9.3	9.1	8.8	8.7	8.7	8.6	8.3	8.0
147°	11.8	11.4	10.4	9.0	9.5	8.7	8.5	8.5	8.4	8.1	7.8
148°	11.4	10.9	9.9	8.7	9.8	8.5	8.1	8.4	8.2	7.8	7.6
149°	11.6	10.6	9.3	8.4	9.3	8.3	7.8	8.2	8.0	7.5	7.3
150°	11.5	10.4	9.0	8.2	8.4	8.1	7.7	8.0	7.7	7.3	7.1
151°	10.8	10.2	9.0	7.9	7.9	8.1	7.6	7.7	7.5	7.1	6.9
152°	10.3	9.8	8.4	7.8	7.9	7.9	7.4	7.5	7.3	6.9	6.6
153°	9.8	9.6	8.2	7.7	7.9	7.3	7.1	7.1	7.1	6.7	6.4
154°	9.6	9.1	8.1	7.5	7.7	7.2	6.8	6.8	6.9	6.5	6.2
155°	9.1	8.7	7.9	7.4	7.4	6.9	6.5	6.7	6.8	6.3	6.0
156°	8.7	8.4	7.7	7.3	7.2	6.6	6.4	6.5	6.5	6.1	5.8
157°	8.3	8.1	7.6	7.2	7.0	6.6	6.3	6.3	6.3	5.9	5.6
158°	8.1	7.9	7.3	6.9	6.8	6.4	6.0	6.0	6.0	5.7	5.4
159°	7.9	7.7	7.1	6.7	6.5	6.0	5.8	5.7	5.7	5.5	5.2
160°	7.7	7.4	6.7	6.4	6.3	5.8	5.5	5.4	5.4	5.2	5.0
161°	7.6	7.1	6.6	6.2	6.1	5.5	5.3	5.2	5.1	5.0	4.7
162°	7.5	6.9	6.4	6.0	5.8	5.3	5.0	5.0	4.9	4.8	4.5
163°	7.2	6.6	6.1	5.9	5.6	5.1	4.8	4.7	4.7	4.6	4.3
164°	6.9	6.3	5.8	5.5	5.4	4.9	4.6	4.5	4.5	4.4	4.1
165°	6.6	6.1	5.6	5.3	5.1	4.7	4.4	4.3	4.3	4.2	3.9
166°	6.2	5.8	5.3	5.1	4.8	4.4	4.1	4.1	4.0	4.0	3.7
167°	5.9	5.6	5.1	4.8	4.6	4.2	3.9	3.9	3.8	3.7	3.5
168°	5.6	5.2	4.9	4.6	4.3	4.0	3.7	3.6	3.6	3.4	3.3
169°	5.3	4.9	4.7	4.3	4.0	3.7	3.4	3.4	3.3	3.2	3.1
170°	4.8	4.6	4.4	4.0	3.8	3.4	3.2	3.1	3.1	2.9	2.9
171°	4.2	4.1	4.0	3.6	3.3	3.0	2.8	2.8	2.8	2.6	2.6
172°	3.6	3.5	3.4	3.1	2.8	2.7	2.5	2.5	2.5	2.4	2.3
173°	2.9	2.8	2.8	2.6	2.3	2.3	2.1	2.2	2.1	2.1	2.1
174°	2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7
175°	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.3
176°	0.8	0.8	0.7	0.7	0.8	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	0.6	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: P1192954
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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: P1192954
CATALOG NUMBER: BOLD42-25S-BZ-20W-5000K

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	0.3	0.2	0.2
2°	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2
3°	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3
4°	0.4	0.5	0.6	0.7	0.7	0.8	0.8	0.8	0.7	0.6	0.7
5°	0.6	0.7	0.8	1.0	1.2	1.2	1.3	1.2	1.2	1.2	1.4
6°	1.1	1.2	1.4	1.7	1.9	2.1	2.2	2.2	2.2	2.4	2.7
7°	2.2	2.3	2.6	3.0	3.5	7.1	6.9	4.3	4.6	5.2	6.4
8°	7.5	7.4	7.9	8.1	9.2	12.0	11.6	8.7	9.7	11.6	12.6
9°	12.7	12.5	13.3	13.3	15.0	16.9	16.3	15.0	14.9	17.2	18.1
10°	18.0	17.6	18.7	18.5	21.5	24.0	23.3	25.5	26.3	28.3	28.9
11°	27.6	27.4	28.4	30.2	32.3	34.2	33.5	36.1	37.8	39.5	39.8
12°	41.7	41.8	41.5	43.0	46.1	45.5	48.2	46.7	49.2	50.7	50.6
13°	53.1	53.7	53.9	53.2	55.7	59.3	65.6	59.4	62.3	63.7	67.8
14°	69.5	72.1	70.5	67.6	69.8	79.8	80.0	85.5	82.3	80.6	86.9
15°	84.9	93.1	92.9	85.1	92.0	101.2	104.0	101.8	105.3	109.9	110.1
16°	106.6	114.1	115.4	108.8	114.1	122.7	127.9	121.4	126.1	133.9	130.4
17°	128.3	135.3	138.0	132.4	136.2	144.1	151.7	154.5	152.2	149.4	141.0
18°	150.0	164.6	169.2	156.1	158.5	167.1	171.9	172.6	179.3	175.5	174.9
19°	167.9	182.8	192.1	182.3	183.7	199.1	196.6	200.9	219.6	214.7	209.5
20°	195.9	221.5	232.4	205.6	210.6	233.7	223.5	245.0	247.3	228.4	226.8
21°	224.6	244.4	259.4	232.6	238.2	236.7	249.5	258.0	267.1	251.1	248.3
22°	249.6	272.4	287.8	259.9	255.7	260.6	300.6	292.2	291.6	291.4	260.7
23°	267.1	296.3	313.7	285.7	281.5	280.7	315.1	312.3	316.2	310.3	284.4
24°	293.7	309.6	330.5	305.6	297.8	298.4	326.2	332.3	340.8	329.0	308.4
25°	312.6	329.6	352.6	321.3	314.3	314.6	339.1	352.3	347.8	347.7	332.3
26°	334.3	339.7	365.0	339.5	329.4	351.7	358.7	365.0	362.4	359.1	363.6
27°	341.8	349.3	383.1	349.0	364.6	377.1	369.8	375.1	376.2	377.3	377.9
28°	362.1	362.9	387.8	367.4	382.0	389.0	398.4	395.7	397.7	390.2	393.3
29°	381.0	371.7	409.7	396.8	403.0	400.0	414.7	407.8	404.2	420.9	426.2
30°	411.2	379.6	420.1	427.0	427.9	421.8	443.4	417.1	415.4	429.4	434.8
31°	433.3	395.9	430.2	441.7	435.8	453.5	460.9	428.3	426.3	451.5	457.2
32°	459.6	410.0	436.1	453.5	439.4	465.4	477.3	444.2	440.8	469.0	457.9
33°	474.9	427.3	456.2	475.9	458.5	480.0	503.6	463.0	459.4	489.2	482.4
34°	485.5	431.7	471.6	493.2	500.0	508.8	509.2	468.2	462.7	508.7	505.1
35°	488.7	440.9	486.7	503.6	539.6	541.6	510.6	478.5	480.8	512.9	543.8
36°	495.6	463.9	509.9	506.7	539.7	565.3	522.8	513.6	515.7	515.4	557.5
37°	507.0	537.5	544.7	516.0	550.3	562.2	537.7	595.6	563.5	530.0	562.6
38°	551.7	556.5	600.2	535.2	564.3	578.6	579.9	599.0	589.3	564.4	578.8
39°	566.3	567.9	605.9	596.0	576.0	621.8	601.8	604.4	596.5	597.4	604.6
40°	574.7	579.9	621.0	609.7	634.6	638.8	615.9	621.2	608.7	624.9	643.8
41°	586.2	589.6	629.5	636.2	631.1	644.2	629.8	631.7	628.7	654.4	648.6
42°	614.8	602.4	653.0	653.9	647.8	660.4	681.9	643.4	662.7	675.4	660.9
43°	632.8	635.1	666.7	664.0	660.4	673.7	691.7	683.4	672.4	682.7	682.8
44°	637.2	646.8	686.8	674.6	667.2	687.9	692.3	694.4	695.0	689.4	689.2

REPORT NUMBER: P1192954
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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	648.0	655.8	695.3	684.3	671.7	694.9	702.7	701.1	701.1	702.0	699.6
46°	660.1	670.0	704.3	696.2	681.8	697.8	715.9	708.6	710.2	711.0	710.8
47°	669.1	672.1	713.5	706.6	690.8	704.1	728.1	715.9	718.8	721.7	713.4
48°	672.5	679.2	724.6	717.0	696.0	711.3	734.3	720.2	725.7	734.3	715.4
49°	674.5	689.4	729.6	719.3	698.0	708.3	737.5	725.7	731.9	739.4	715.3
50°	676.5	690.2	729.1	720.1	700.5	706.0	740.9	729.4	734.8	733.7	713.3
51°	677.4	689.1	729.3	720.8	698.4	703.7	741.3	725.7	734.3	731.9	715.0
52°	678.4	688.9	731.8	716.9	700.4	701.5	739.0	725.1	731.3	730.5	712.2
53°	675.8	684.9	724.6	715.0	698.3	695.9	734.3	720.3	728.4	729.4	712.9
54°	674.2	679.8	719.1	708.6	693.7	690.4	723.5	716.3	723.1	723.4	705.9
55°	670.9	672.1	709.8	699.2	685.2	682.9	715.4	707.5	715.5	711.3	697.6
56°	668.5	665.3	702.2	687.1	673.9	676.9	702.5	695.7	704.8	703.4	688.7
57°	661.2	659.0	691.2	675.8	665.3	668.7	689.3	685.2	693.2	695.6	680.0
58°	652.8	648.9	679.9	664.7	653.8	661.3	676.7	674.2	679.9	683.4	669.1
59°	640.3	637.4	669.6	651.2	641.9	652.1	664.5	663.0	668.1	670.8	655.2
60°	626.8	624.4	655.1	640.3	629.1	639.3	652.5	651.8	657.1	656.2	638.5
61°	611.9	610.2	641.6	628.9	615.4	625.2	638.5	637.3	644.5	642.6	622.3
62°	601.6	594.1	626.0	615.6	602.0	609.6	622.0	623.2	626.7	629.3	608.9
63°	586.1	581.8	611.3	602.8	585.4	597.0	607.9	608.0	611.9	617.6	596.7
64°	572.8	563.7	595.2	587.0	571.3	579.4	591.8	592.8	599.8	603.2	582.5
65°	556.3	548.1	580.0	571.7	558.2	562.9	577.0	577.2	586.4	587.0	566.8
66°	542.4	534.0	563.8	555.3	542.7	546.9	563.7	562.1	570.1	571.5	550.7
67°	525.7	519.3	548.0	540.1	529.1	530.1	547.2	545.8	555.2	555.8	534.4
68°	512.9	505.1	532.5	523.6	513.2	516.9	531.7	529.5	539.6	537.7	517.9
69°	498.0	487.1	514.4	507.7	496.7	502.8	517.4	513.5	523.0	520.2	502.8
70°	482.6	474.8	498.8	490.4	481.9	487.2	501.2	499.5	505.0	502.6	485.2
71°	466.9	457.5	479.9	473.2	466.3	472.0	485.5	483.3	489.0	486.1	467.4
72°	450.7	440.4	460.8	455.9	452.0	454.3	467.0	467.0	470.3	468.0	449.3
73°	433.8	425.4	442.7	439.6	434.0	436.7	450.3	449.5	451.7	451.1	430.7
74°	417.5	406.7	422.3	420.7	414.6	417.5	431.7	431.4	432.4	432.4	412.7
75°	398.3	389.2	400.1	399.9	394.6	397.9	411.3	410.9	411.8	410.5	391.0
76°	379.0	369.1	380.5	378.6	375.8	376.6	390.0	390.2	389.5	388.1	371.4
77°	357.3	347.1	356.8	355.5	354.8	356.8	368.7	368.2	366.6	365.3	350.4
78°	337.2	325.7	332.8	333.4	334.4	336.9	348.6	346.4	344.1	343.3	328.4
79°	315.8	304.3	308.9	311.2	313.2	315.9	326.6	325.6	321.5	322.2	309.2
80°	294.5	282.9	285.0	289.1	292.1	294.9	304.5	304.3	299.5	301.2	288.9
81°	273.1	263.2	264.1	265.8	272.0	273.9	282.4	283.9	278.2	279.3	266.7
82°	249.8	242.7	241.6	242.9	250.0	252.4	257.5	261.1	255.2	254.4	245.8
83°	228.7	222.3	217.9	220.7	228.8	231.6	237.1	238.5	233.7	234.5	224.0
84°	207.6	202.2	197.8	199.9	208.7	211.9	215.3	216.5	212.6	213.2	204.9
85°	187.4	181.8	176.7	178.3	187.4	191.0	192.2	195.5	189.8	191.1	184.9
86°	167.0	163.1	157.8	159.4	169.6	172.8	173.1	174.4	169.3	171.5	163.8
87°	149.2	144.9	139.0	140.0	151.3	154.1	153.3	155.5	150.4	152.1	146.4
88°	134.8	131.4	125.0	124.3	136.7	138.0	137.4	140.5	135.4	137.5	135.7
89°	124.5	121.0	115.8	114.1	126.2	127.3	126.9	132.1	126.7	129.1	125.1

REPORT NUMBER: P1192954
CATALOG NUMBER: BOLD42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	117.4	114.1	109.2	107.0	118.4	119.0	119.3	123.7	118.2	120.8	114.5
91°	111.1	107.9	103.6	100.9	111.4	111.9	112.9	115.4	112.1	112.5	107.5
92°	104.1	101.6	97.9	94.8	104.7	104.9	106.2	108.8	105.8	106.1	101.5
93°	96.6	94.4	91.1	88.4	97.0	97.1	99.0	101.4	99.3	98.8	94.6
94°	88.5	86.4	83.8	81.5	89.1	89.5	91.4	93.4	91.5	91.0	87.1
95°	80.0	78.1	75.8	74.5	81.1	81.3	83.0	85.0	84.1	83.5	79.7
96°	72.4	70.1	68.4	67.5	73.2	73.7	75.2	76.8	76.4	75.3	71.9
97°	65.3	63.1	61.5	61.2	66.3	66.6	68.1	69.3	69.0	68.4	65.7
98°	59.1	56.6	55.4	55.9	60.2	60.4	61.6	62.5	62.7	61.9	59.8
99°	53.9	51.5	50.2	51.1	54.9	55.2	56.2	56.8	57.0	56.5	54.5
100°	49.3	46.9	46.0	47.2	50.6	50.7	51.5	51.8	52.4	51.9	50.5
101°	45.7	43.2	42.6	43.9	47.0	47.1	47.7	47.8	48.6	47.9	46.6
102°	42.6	40.3	39.9	41.4	44.1	44.1	44.7	44.7	45.3	45.0	44.0
103°	40.2	37.9	37.6	39.3	41.7	41.6	42.1	42.0	42.9	42.4	41.4
104°	38.1	36.1	36.0	37.5	39.8	39.6	40.0	39.8	40.7	40.2	39.4
105°	36.5	34.6	34.5	36.0	38.1	38.0	38.3	38.0	39.0	38.5	37.7
106°	34.9	33.3	33.3	34.7	36.6	36.5	36.7	36.4	37.4	36.8	36.1
107°	33.6	32.2	32.0	33.4	35.3	35.1	35.3	35.0	35.9	35.3	34.7
108°	32.3	31.1	30.9	32.2	34.0	33.8	33.8	33.6	34.6	33.9	33.4
109°	31.0	30.0	29.8	31.0	32.7	32.6	32.5	32.3	33.3	32.5	32.0
110°	29.9	28.9	28.5	29.9	31.4	31.3	31.2	31.0	31.9	31.1	30.8
111°	28.6	27.8	27.3	28.5	30.1	30.1	29.8	29.7	30.6	29.8	29.5
112°	27.2	26.7	26.0	27.1	28.7	28.7	28.5	28.4	29.3	28.4	28.2
113°	25.9	25.5	24.7	25.8	27.2	27.3	27.1	27.2	28.0	27.2	26.9
114°	24.6	24.3	23.5	24.4	25.8	25.9	25.7	25.8	26.7	25.8	25.6
115°	23.4	23.1	22.2	23.0	24.3	24.5	24.4	24.6	25.4	24.6	24.3
116°	22.1	21.8	20.9	21.7	22.8	23.1	23.1	23.3	24.2	23.3	23.1
117°	20.8	20.6	19.6	20.4	21.4	21.8	21.8	22.1	22.9	22.0	21.8
118°	19.6	19.4	18.5	19.1	20.1	20.5	20.6	20.9	21.7	21.0	20.8
119°	18.5	18.2	17.3	17.9	18.8	19.3	19.5	19.8	20.6	19.9	19.7
120°	17.5	17.2	16.4	16.9	17.7	18.3	18.5	18.8	19.6	19.0	18.9
121°	16.6	16.3	15.5	16.0	16.7	17.3	17.6	17.9	18.7	18.3	18.2
122°	15.8	15.4	14.7	15.2	15.9	16.5	16.8	17.1	18.0	17.6	17.5
123°	15.1	14.7	14.1	14.4	15.2	15.8	16.2	16.5	17.4	17.0	17.0
124°	14.4	14.1	13.5	13.9	14.6	15.3	15.6	16.1	16.9	16.6	16.5
125°	13.9	13.6	13.0	13.4	14.2	14.9	15.3	15.8	16.5	16.4	16.1
126°	13.4	13.1	12.7	13.1	13.8	14.7	15.2	15.6	16.5	16.3	15.9
127°	13.0	12.8	12.4	12.8	13.6	14.6	15.2	15.6	16.5	16.1	15.6
128°	12.7	12.5	12.3	12.6	13.5	14.6	15.1	15.6	16.5	16.0	15.5
129°	12.4	12.2	12.1	12.6	13.3	14.5	15.1	15.7	16.6	15.9	15.5
130°	12.2	11.9	11.9	12.4	13.2	14.4	15.0	15.6	16.3	15.7	15.4
131°	11.9	11.7	11.7	12.3	13.2	14.4	14.9	15.5	16.1	15.4	15.2
132°	11.7	11.6	11.5	12.1	13.1	14.4	14.9	15.3	15.8	15.3	15.1
133°	11.5	11.4	11.4	12.0	13.1	14.3	14.8	15.0	15.3	14.8	14.7
134°	11.3	11.2	11.3	12.0	13.0	14.2	14.5	14.6	14.9	14.4	14.3

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CATALOG NUMBER: BOLD42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	11.1	11.1	11.2	11.9	12.9	13.9	14.1	14.1	14.4	13.9	13.9
136°	10.8	11.0	10.9	11.6	12.5	13.4	13.7	13.7	13.9	13.6	13.6
137°	10.5	10.7	10.5	11.2	12.0	12.8	13.2	13.3	13.6	13.4	13.5
138°	10.2	10.3	10.2	10.7	11.5	12.2	12.7	12.9	13.2	13.0	13.1
139°	9.8	9.9	9.8	10.2	10.9	11.7	12.1	12.5	12.8	12.6	12.8
140°	9.5	9.6	9.4	9.7	10.5	11.1	11.4	12.0	12.6	12.3	12.6
141°	9.2	9.2	9.1	9.4	10.0	10.7	10.9	11.5	12.4	12.1	12.2
142°	9.0	8.9	8.8	9.1	9.6	10.3	10.6	11.2	11.9	11.9	11.9
143°	8.7	8.7	8.5	8.7	9.3	10.0	10.3	10.8	11.5	11.7	11.8
144°	8.5	8.5	8.3	8.4	9.0	9.5	10.0	10.6	11.4	11.7	12.0
145°	8.3	8.2	8.1	8.2	8.6	9.2	9.7	10.3	11.4	11.6	12.0
146°	8.0	7.9	7.8	7.9	8.3	8.9	9.5	10.1	11.0	11.4	12.5
147°	7.7	7.7	7.6	7.6	8.0	8.6	9.1	10.0	10.8	11.4	11.5
148°	7.5	7.4	7.3	7.4	7.8	8.4	8.8	9.9	10.6	11.0	11.1
149°	7.3	7.2	7.1	7.1	7.5	8.1	8.7	9.6	10.4	11.0	10.7
150°	7.0	7.0	6.9	6.8	7.2	7.8	8.6	9.2	10.2	10.7	10.1
151°	6.8	6.8	6.7	6.6	6.9	7.5	8.1	8.8	9.8	10.1	10.1
152°	6.6	6.5	6.4	6.3	6.7	7.3	7.8	8.4	9.3	9.5	9.8
153°	6.4	6.3	6.2	6.1	6.5	7.0	7.6	8.1	8.8	9.1	9.5
154°	6.1	6.1	6.0	5.8	6.3	6.7	7.3	7.8	8.5	9.0	9.1
155°	5.9	5.9	5.8	5.6	6.0	6.5	7.0	7.5	8.1	8.6	8.7
156°	5.7	5.7	5.6	5.4	5.8	6.3	6.8	7.2	7.9	8.2	8.5
157°	5.5	5.5	5.4	5.2	5.6	6.1	6.5	7.0	7.7	8.1	8.5
158°	5.3	5.3	5.2	5.1	5.4	5.8	6.2	6.7	7.2	7.9	8.0
159°	5.1	5.1	5.0	4.9	5.1	5.6	5.9	6.3	6.9	7.4	7.6
160°	4.9	4.9	4.8	4.8	4.9	5.3	5.7	6.0	6.6	7.0	7.5
161°	4.7	4.7	4.6	4.6	4.6	5.0	5.5	5.8	6.3	6.8	7.3
162°	4.5	4.5	4.5	4.4	4.4	4.8	5.2	5.5	6.0	6.5	7.0
163°	4.2	4.3	4.3	4.2	4.2	4.5	4.9	5.4	5.7	6.2	6.7
164°	4.0	4.1	4.1	4.0	4.0	4.3	4.7	5.1	5.4	5.9	6.3
165°	3.8	3.9	3.9	3.8	3.8	4.0	4.4	4.9	5.2	5.7	5.9
166°	3.6	3.7	3.6	3.6	3.6	3.7	4.1	4.7	4.9	5.3	5.6
167°	3.4	3.4	3.4	3.3	3.3	3.4	3.8	4.5	4.7	5.1	5.3
168°	3.1	3.2	3.2	3.1	3.1	3.1	3.5	4.2	4.4	4.8	5.0
169°	2.9	2.9	2.9	2.9	2.9	2.9	3.2	3.8	4.1	4.5	4.7
170°	2.7	2.6	2.7	2.6	2.6	2.6	2.9	3.5	3.8	4.2	4.3
171°	2.5	2.3	2.4	2.4	2.3	2.3	2.5	3.1	3.5	3.7	3.9
172°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.7	3.0	3.3	3.4
173°	2.0	1.8	1.7	1.7	1.7	1.7	1.9	2.3	2.6	2.7	2.8
174°	1.6	1.5	1.4	1.4	1.4	1.5	1.6	1.8	2.0	2.1	2.2
175°	1.2	1.1	1.0	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6
176°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.8	0.8
177°	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	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



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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: P1192954
CATALOG NUMBER: BOLD42-25S-BZ-20W-5000K

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	1.3
6°	2.7	2.7	2.7
7°	5.8	5.5	5.5
8°	11.6	11.0	10.2
9°	17.1	17.7	19.2
10°	27.7	28.3	31.2
11°	38.4	38.9	43.2
12°	49.0	49.6	55.2
13°	63.0	70.6	71.4
14°	84.6	89.4	95.7
15°	103.1	96.0	111.0
16°	116.3	132.1	127.4
17°	135.8	156.9	158.7
18°	167.1	172.8	185.0
19°	202.7	221.5	222.9
20°	230.8	234.5	249.2
21°	252.8	264.3	271.5
22°	261.3	287.6	296.2
23°	290.3	305.5	320.8
24°	319.5	323.2	345.4
25°	348.7	341.0	356.0
26°	355.4	360.9	371.4
27°	376.0	381.3	389.3
28°	393.8	404.1	397.9
29°	407.3	424.7	408.8
30°	430.1	441.1	422.7
31°	440.0	455.0	433.1
32°	467.1	482.7	445.8
33°	497.8	505.7	454.9
34°	522.7	506.7	465.2
35°	538.4	511.3	470.3
36°	557.5	520.3	528.5
37°	577.2	562.2	569.2
38°	603.7	591.4	583.6
39°	639.8	600.8	596.9
40°	647.5	619.7	609.4
41°	662.3	643.1	619.0
42°	672.0	661.2	641.7
43°	680.0	666.7	671.0
44°	691.6	690.9	681.0

REPORT NUMBER: P1192954
CATALOG NUMBER: BOLD42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	697.8	701.6	694.1
46°	705.4	717.0	706.1
47°	712.2	723.5	713.6
48°	715.6	729.9	718.4
49°	714.7	735.1	725.2
50°	717.5	735.6	722.8
51°	721.4	735.1	725.2
52°	714.4	731.2	722.9
53°	705.5	727.0	714.2
54°	697.6	722.1	710.7
55°	689.6	715.1	703.5
56°	679.2	706.3	693.6
57°	671.9	692.7	684.2
58°	660.2	678.1	670.1
59°	645.8	662.5	658.1
60°	631.6	649.5	645.2
61°	618.4	636.0	630.9
62°	602.2	619.1	615.8
63°	589.1	605.1	599.3
64°	574.4	590.1	585.0
65°	559.3	575.0	569.6
66°	543.7	559.1	552.5
67°	528.8	542.4	536.1
68°	514.3	524.6	520.1
69°	497.4	509.8	505.0
70°	478.9	494.5	489.9
71°	462.5	477.5	472.9
72°	446.0	459.6	454.6
73°	428.8	442.0	437.5
74°	410.7	423.5	421.0
75°	390.6	401.2	400.2
76°	370.6	377.8	379.0
77°	349.2	356.6	357.7
78°	327.0	334.7	336.3
79°	307.3	312.5	313.4
80°	288.7	290.2	292.4
81°	267.3	268.4	271.6
82°	245.5	246.2	246.6
83°	224.6	226.0	223.8
84°	203.0	204.2	204.7
85°	183.3	184.5	183.9
86°	163.1	164.3	164.2
87°	144.6	146.6	145.8
88°	134.2	135.8	135.1
89°	124.0	125.2	124.7

REPORT NUMBER: P1192954
CATALOG NUMBER: BOLD42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	113.7	114.5	114.3
91°	107.1	108.2	107.8
92°	100.9	101.7	101.1
93°	93.7	94.9	94.2
94°	86.6	87.4	86.4
95°	78.7	79.4	78.7
96°	71.7	72.0	71.4
97°	65.0	65.3	64.4
98°	59.3	59.5	58.5
99°	54.5	54.5	53.2
100°	50.3	50.1	49.0
101°	46.8	46.6	45.5
102°	44.0	43.8	42.6
103°	41.7	41.5	40.4
104°	39.7	39.5	38.4
105°	38.0	37.7	36.8
106°	36.5	36.3	35.4
107°	35.0	34.8	34.0
108°	33.6	33.4	32.7
109°	32.2	32.1	31.4
110°	30.9	30.7	30.1
111°	29.5	29.3	28.8
112°	28.1	27.9	27.6
113°	26.7	26.6	26.3
114°	25.3	25.2	25.1
115°	24.0	23.9	23.9
116°	22.9	22.7	22.7
117°	21.7	21.6	21.7
118°	20.7	20.4	20.6
119°	19.7	19.4	19.6
120°	18.8	18.5	18.7
121°	18.0	17.7	17.9
122°	17.3	17.1	17.3
123°	16.8	16.4	16.7
124°	16.3	15.9	16.2
125°	15.8	15.5	15.7
126°	15.5	15.1	15.4
127°	15.4	14.9	15.1
128°	15.1	14.7	14.8
129°	15.0	14.5	14.5
130°	14.9	14.5	14.4
131°	14.7	14.3	14.3
132°	14.7	14.2	14.2
133°	14.5	14.1	14.0
134°	14.3	13.8	13.7

REPORT NUMBER: P1192954
CATALOG NUMBER: BOLD42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	13.9	13.5	13.4
136°	13.6	13.4	13.2
137°	13.4	13.2	13.0
138°	13.2	13.0	13.0
139°	13.0	12.9	12.8
140°	12.9	12.7	12.8
141°	12.6	12.5	12.9
142°	12.2	12.3	13.0
143°	12.0	12.2	12.8
144°	11.9	12.5	12.3
145°	11.6	12.7	12.2
146°	11.2	12.1	12.3
147°	11.0	11.5	11.8
148°	10.7	11.3	11.4
149°	10.2	10.8	11.6
150°	9.8	10.3	11.5
151°	9.6	10.1	10.8
152°	9.5	9.5	10.3
153°	9.2	9.1	9.8
154°	8.9	9.1	9.6
155°	8.9	9.0	9.1
156°	8.5	8.9	8.7
157°	8.3	8.7	8.3
158°	8.1	8.3	8.1
159°	7.8	8.0	7.9
160°	7.6	7.8	7.7
161°	7.4	7.6	7.6
162°	7.3	7.4	7.5
163°	7.0	7.2	7.2
164°	6.6	6.9	6.9
165°	6.3	6.5	6.6
166°	6.0	6.2	6.2
167°	5.7	5.9	5.9
168°	5.4	5.5	5.6
169°	5.0	5.1	5.3
170°	4.5	4.7	4.8
171°	4.0	4.2	4.2
172°	3.4	3.7	3.6
173°	2.9	3.0	2.9
174°	2.2	2.3	2.1
175°	1.5	1.5	1.5
176°	0.9	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

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CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.5	0.5	0.5

(END OF REPORT)