

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: P1192952

Luminaire Tested: BOLD42-25S-BZ-20W-3000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192952
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-3000K
Description: Dome Shaped Bollard, 42" length, 20W, BZ at 3000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

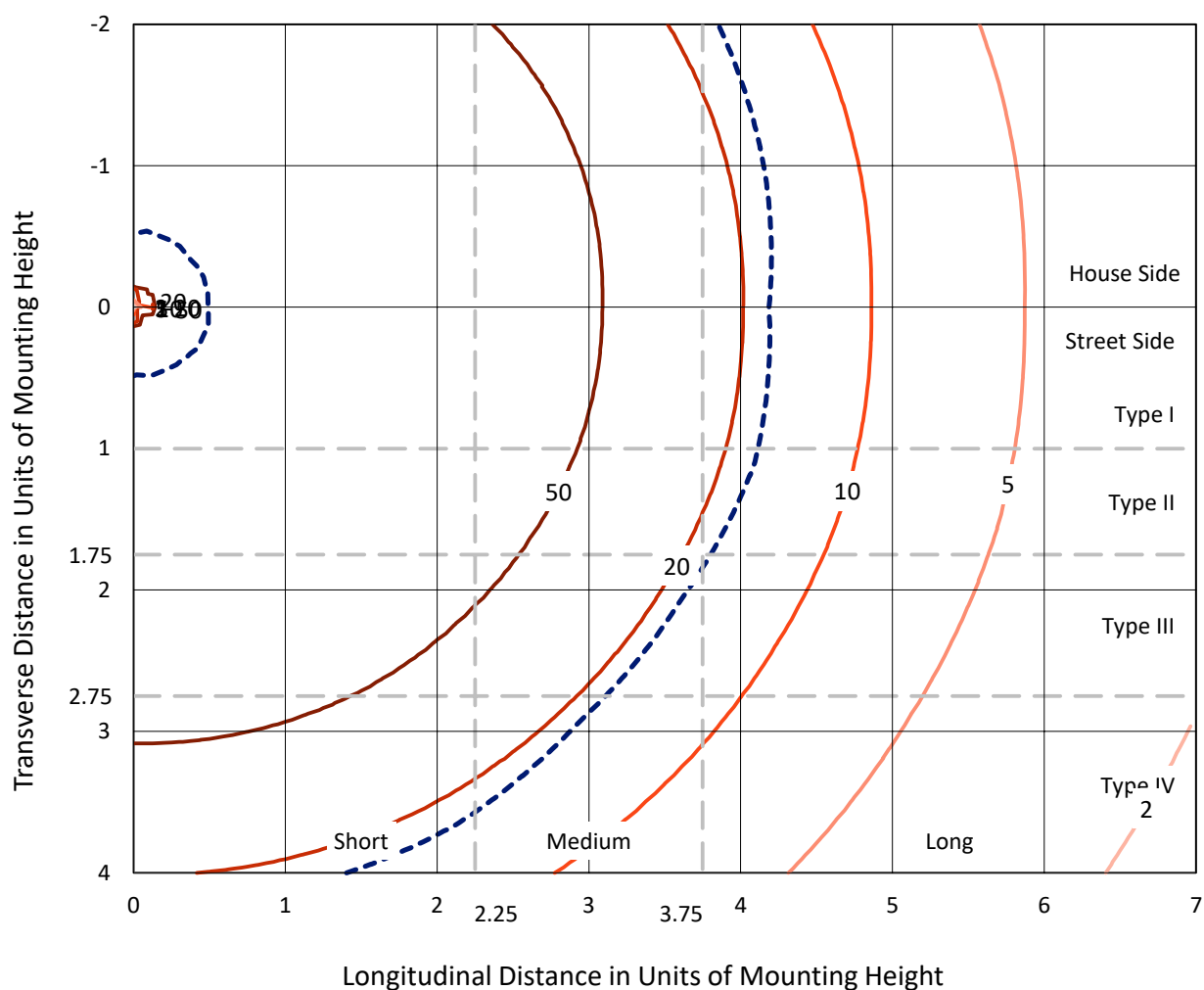
Lumens per Lamp: 2153.4 (1 lamp)
Luminaire Lumens: 2858.2 lumens
Efficiency: 132.7%
Efficacy: 143.6 lumens/watt
Luminous Opening: Circular (Dia: 0.5' x H: 0')
IES Classification: Type V - Short - Non-Cutoff
BUG Rating: B1 - U3 - G1

Input Watts (W): 19.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

REPORT NUMBER: P1192952
 CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

Iso-Footcandle Lines of Horizontal Illumination

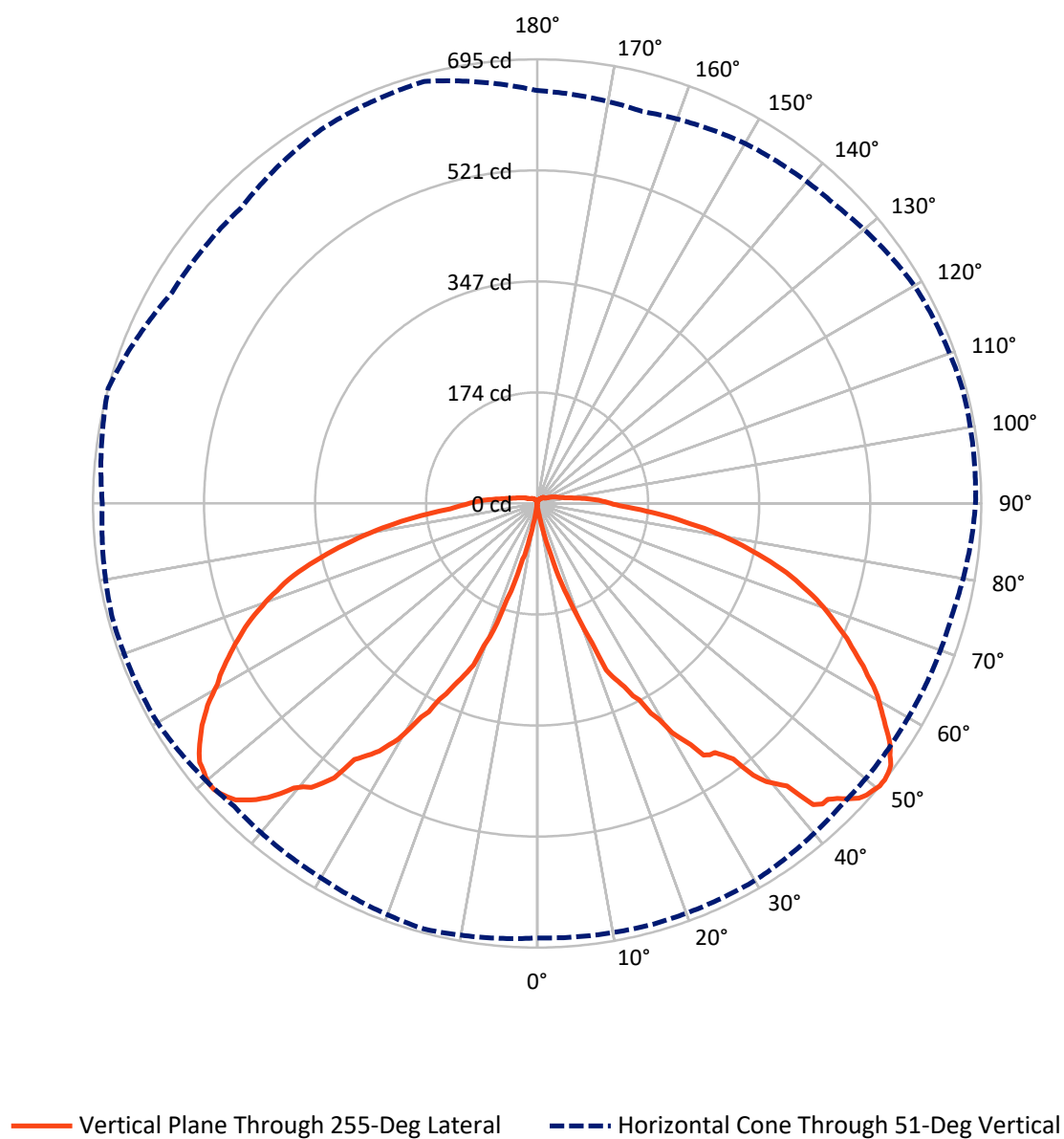
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1159.2 fc
 Type V - Short - Non-Cutoff

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

Luminous Intensity Polar Plot



REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

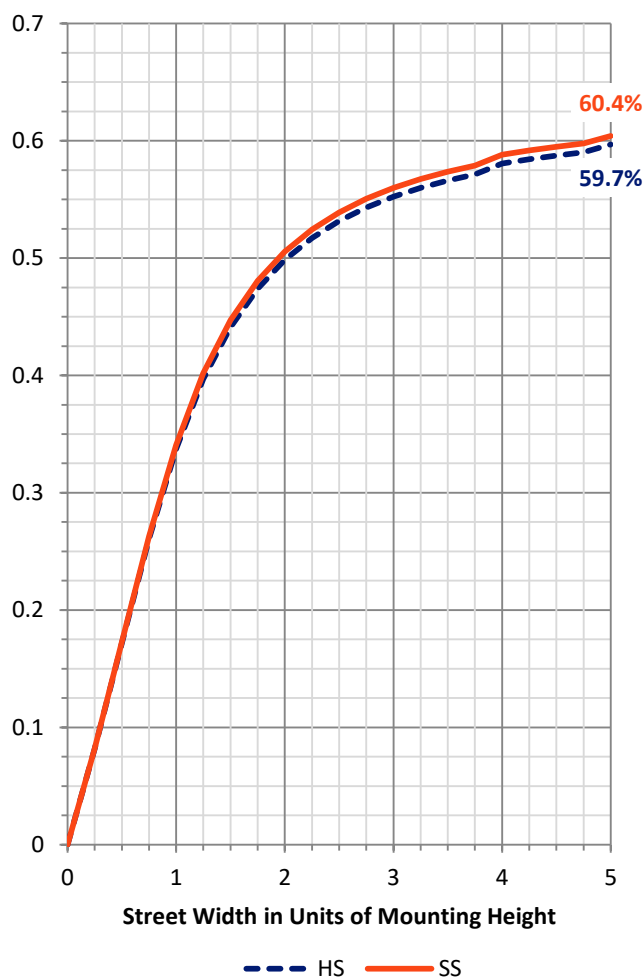
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1332.1	86.7	1418.8
	% Lamp	61.9	4.0	65.9
Street Side	Lumens	1350.3	89.1	1439.3
	% Lamp	62.7	4.1	66.8
Total	Lumens	2682.4	175.8	2858.2
	% Lamp	124.6	8.2	132.7

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.7	0.0	0.0
10°-20°	31.7	1.1	1.5
20°-30°	147.1	5.1	6.8
30°-40°	306.3	10.7	14.2
40°-50°	498.7	17.4	23.2
50°-60°	580.4	20.3	27.0
60°-70°	527.6	18.5	24.5
70°-80°	393.8	13.8	18.3
80°-90°	196.1	6.9	9.1
90°-100°	83.3	2.9	3.9
100°-110°	37.8	1.3	1.8
110°-120°	22.1	0.8	1.0
120°-130°	12.8	0.4	0.6
130°-140°	9.2	0.3	0.4
140°-150°	5.8	0.2	0.3
150°-160°	3.2	0.1	0.1
160°-170°	1.3	0.0	0.1
170°-180°	0.2	0.0	0.0
0°-90°	2682.4	93.8	124.6
0°-180°	2858.2	100.0	132.7

Coefficient of Utilization



REPORT NUMBER: P1192952

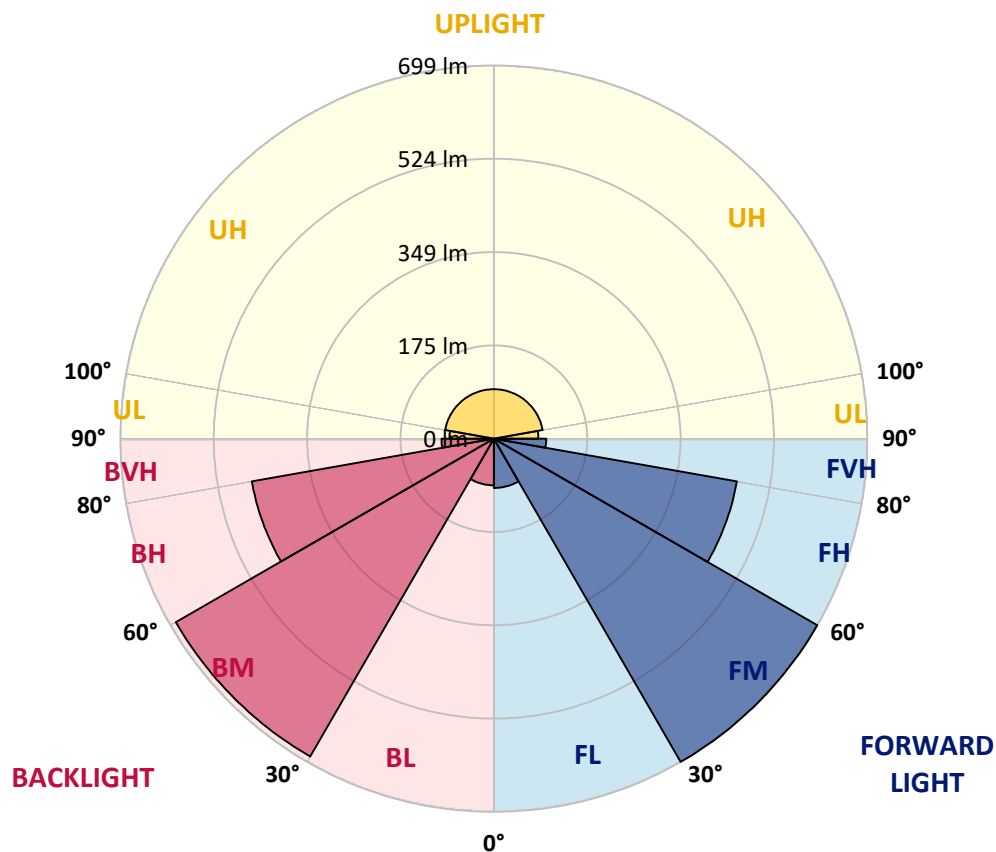
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	92.2	4.3			
FM	(30°-60°)	698.5	32.4			
FH	(60°-80°)	461.6	21.4			G0/660
FVH	(80°-90°)	97.9	4.5			G1/100
BL	(0°-30°)	87.3	4.1	B0/110		
BM	(30°-60°)	686.9	31.9	B1/1000		
BH	(60°-80°)	459.8	21.4	B1/500		G0/660
BVH	(80°-90°)	98.1	4.6			G1/100
UL	(90°-100°)	83.3	3.9		U3/500	
UH	(100°-180°)	92.5	4.3		U3/500	
Trapped Light		-704.8	-32.7			

BUG Rating: B1-U3-G1

Type V Short



REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2°	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
3°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
4°	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3
5°	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6
6°	2.6	2.4	2.1	2.0	1.7	1.4	1.2	1.1	1.1	1.1	1.1
7°	5.1	4.3	4.1	3.9	3.5	3.0	2.3	2.1	2.2	2.2	2.1
8°	9.6	9.7	10.1	10.6	9.7	8.9	7.3	7.1	7.5	7.2	7.5
9°	18.0	18.1	17.2	17.2	16.6	14.0	12.3	12.1	12.8	12.1	12.8
10°	29.2	28.4	27.7	27.4	26.6	24.5	17.5	17.2	18.1	17.2	18.2
11°	40.5	38.7	38.1	37.7	36.6	35.1	27.6	26.5	26.2	26.2	26.3
12°	51.8	49.1	48.5	47.9	46.7	45.6	40.8	40.5	43.9	39.6	39.7
13°	66.9	63.1	63.1	61.7	58.0	64.5	53.7	54.1	55.5	48.7	51.3
14°	89.7	82.8	76.7	80.3	79.2	83.0	79.4	70.9	66.0	64.2	65.2
15°	104.1	100.0	97.7	99.2	93.7	89.6	101.4	91.9	86.9	83.9	83.6
16°	119.4	123.9	125.8	124.5	113.9	115.7	123.5	112.8	106.6	103.8	100.8
17°	148.8	160.5	140.3	143.1	147.5	143.2	145.3	133.8	126.4	123.9	118.0
18°	173.4	179.3	171.3	156.0	161.6	157.1	160.0	156.6	152.6	148.7	135.3
19°	208.9	200.8	203.3	197.8	182.4	197.1	184.0	186.1	186.0	171.1	159.7
20°	233.5	236.2	219.0	221.8	215.9	221.3	231.5	219.2	211.5	198.8	187.3
21°	254.5	265.2	252.1	234.8	238.9	237.2	239.8	244.2	236.4	220.9	215.0
22°	277.6	284.4	264.4	262.8	253.5	271.6	264.8	276.5	251.5	239.9	244.6
23°	300.7	303.6	286.0	280.2	271.6	285.3	297.1	286.4	277.3	267.4	250.8
24°	323.8	322.8	307.7	297.2	289.7	298.8	308.8	314.3	300.1	278.0	274.4
25°	333.7	339.5	329.4	314.2	307.7	312.4	330.1	332.8	320.5	308.4	299.2
26°	348.1	350.5	340.8	342.2	338.2	329.8	341.9	344.9	327.9	316.1	313.4
27°	364.9	351.6	364.9	360.6	353.2	342.2	355.9	349.5	348.7	339.1	330.1
28°	372.9	365.8	376.5	374.7	367.2	367.4	364.5	368.7	361.4	364.3	349.2
29°	383.2	380.5	392.6	390.3	389.0	380.1	379.6	372.2	379.4	370.9	366.9
30°	396.2	396.9	410.2	413.5	396.0	404.8	398.0	374.5	404.1	392.1	380.8
31°	406.0	404.2	434.8	421.2	426.9	428.0	410.2	390.3	425.8	415.2	399.3
32°	417.8	416.3	441.9	430.7	438.6	442.8	424.0	404.0	436.9	419.9	423.2
33°	426.4	432.8	460.9	457.6	461.5	459.3	434.0	418.6	439.7	439.7	436.7
34°	436.0	446.8	481.9	488.2	477.8	470.3	440.9	430.6	464.1	468.2	462.4
35°	440.8	463.8	487.7	513.6	498.8	481.2	450.5	450.4	472.8	531.3	481.9
36°	495.4	492.8	493.5	521.6	544.8	492.3	484.6	487.7	480.1	535.5	503.7
37°	533.5	521.5	497.7	534.3	554.4	533.8	553.1	513.6	496.0	534.6	522.4
38°	547.0	550.3	528.6	546.2	596.1	551.3	566.9	559.0	520.7	546.9	537.4
39°	559.4	571.4	569.4	558.6	605.5	567.6	577.8	571.6	561.5	562.6	575.5
40°	571.2	578.9	592.8	592.8	622.4	574.7	585.2	578.5	575.2	599.3	589.2
41°	580.2	588.5	628.3	616.0	628.4	585.6	597.1	596.0	612.3	618.4	600.9
42°	601.4	613.0	628.0	621.7	641.1	606.0	615.9	625.0	626.7	628.9	613.8
43°	628.9	627.0	639.2	628.2	645.0	623.9	645.5	642.7	634.2	627.7	621.3
44°	638.3	644.6	648.0	638.8	652.9	638.5	655.7	649.9	643.4	638.8	627.1

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	650.6	658.9	656.1	645.2	663.0	650.4	664.8	661.8	656.1	650.8	635.9
46°	661.8	668.8	662.0	650.2	668.2	661.4	673.5	673.3	661.6	654.8	638.5
47°	668.9	673.3	670.1	655.4	671.2	667.3	678.7	674.7	668.3	659.6	643.5
48°	673.3	675.1	676.7	656.8	674.9	672.0	683.3	675.9	675.1	663.3	648.8
49°	679.7	679.1	678.5	663.8	675.2	675.4	683.7	683.5	677.2	662.8	650.3
50°	677.5	683.3	681.6	671.7	674.9	675.1	686.7	686.8	684.6	660.5	652.5
51°	679.8	682.7	681.3	670.3	670.3	672.1	685.9	689.3	681.7	660.0	650.4
52°	677.6	681.4	674.7	665.4	665.2	668.1	681.8	688.6	676.6	658.5	648.3
53°	669.5	677.6	668.8	660.4	656.2	665.3	673.7	681.6	676.5	657.0	639.2
54°	666.2	670.4	664.5	653.1	650.9	657.7	668.2	672.9	671.1	645.7	633.4
55°	659.4	662.1	657.1	647.8	640.6	648.4	660.6	662.5	664.1	641.1	627.4
56°	650.1	651.0	649.5	638.4	632.5	638.2	648.4	655.2	654.5	637.2	619.7
57°	641.3	640.9	642.1	625.1	621.0	628.6	635.6	639.7	644.8	628.0	616.0
58°	628.1	630.1	632.5	612.9	608.8	616.3	623.7	630.7	633.5	614.0	604.3
59°	616.9	619.6	620.6	601.5	598.8	604.5	610.5	616.5	620.5	605.1	592.8
60°	604.8	609.6	608.5	591.3	589.3	589.7	595.7	603.8	608.8	590.4	581.9
61°	591.3	596.5	596.8	579.3	578.6	574.7	583.6	590.9	596.2	575.9	572.4
62°	577.2	581.9	584.7	564.4	566.4	564.3	570.0	579.3	584.2	566.4	560.1
63°	561.7	569.1	570.6	552.2	551.0	551.9	555.6	565.6	574.2	552.4	548.1
64°	548.3	554.3	557.3	541.8	537.4	539.8	542.1	552.3	560.2	541.4	535.2
65°	533.9	539.0	543.7	527.2	525.4	527.4	529.4	540.0	544.2	526.9	521.1
66°	517.9	524.4	529.6	514.2	512.5	514.7	515.3	526.4	530.2	516.0	507.4
67°	502.5	509.5	513.8	501.3	498.3	502.1	502.3	513.8	516.0	502.5	494.8
68°	487.4	493.8	497.3	488.1	485.7	489.4	488.5	498.8	502.3	489.3	481.5
69°	473.3	479.6	482.2	474.0	470.3	475.0	473.7	486.2	489.2	475.3	468.1
70°	459.2	464.3	466.9	457.8	454.7	459.1	459.1	468.4	473.6	460.8	454.9
71°	443.2	448.7	450.5	443.4	440.7	445.3	443.8	454.7	456.2	445.4	437.6
72°	426.1	431.9	433.2	425.7	425.0	428.8	427.8	438.0	439.5	428.6	421.6
73°	410.1	414.6	416.4	409.4	408.7	414.7	411.9	421.4	423.9	411.6	406.2
74°	394.6	397.0	398.1	391.0	391.4	397.7	393.6	402.1	406.4	394.6	389.2
75°	375.1	378.2	377.6	372.5	371.8	378.2	375.3	383.2	385.3	375.3	369.2
76°	355.2	358.9	357.9	352.7	353.4	358.4	354.7	361.7	364.9	354.7	352.4
77°	335.3	338.0	337.6	332.3	332.6	337.9	335.0	340.2	344.9	334.6	332.7
78°	315.2	315.6	315.6	312.1	312.6	317.9	313.5	319.1	324.2	316.4	312.9
79°	293.8	295.1	295.7	293.2	292.8	295.6	291.9	298.6	302.8	296.2	293.6
80°	274.1	275.7	277.4	273.3	272.3	275.8	270.3	278.1	281.4	276.0	274.3
81°	254.6	255.7	255.9	252.0	250.0	255.2	251.3	257.5	259.9	255.7	255.8
82°	231.1	235.3	233.9	230.3	229.9	233.1	229.4	235.4	237.7	234.7	234.4
83°	209.8	213.9	213.1	211.2	210.2	214.3	207.5	213.9	217.4	216.4	215.7
84°	191.9	195.1	195.0	190.5	190.1	191.9	188.9	194.5	197.5	196.1	196.8
85°	172.4	174.0	174.2	171.2	169.7	172.7	167.5	173.1	177.2	177.5	177.1
86°	153.9	155.4	154.7	153.4	152.0	154.1	148.9	154.2	158.1	158.9	159.2
87°	136.6	138.2	136.7	134.9	135.8	136.2	131.9	136.8	140.6	139.7	141.6
88°	126.6	127.8	126.7	125.7	126.4	127.2	120.3	124.9	126.9	128.0	128.6
89°	116.9	117.6	116.8	116.7	117.2	118.2	112.2	116.7	118.8	118.4	118.5

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	107.1	107.4	106.9	107.8	108.0	109.2	106.9	110.5	112.2	112.0	112.0
91°	101.1	100.9	100.5	102.0	102.0	103.3	101.3	104.8	106.1	105.8	105.4
92°	94.7	95.2	94.4	95.8	96.1	97.3	95.9	99.5	100.2	99.1	98.7
93°	88.3	88.6	87.8	89.2	89.1	90.3	89.7	92.9	92.9	91.8	91.5
94°	81.0	81.0	80.7	81.8	81.7	82.8	82.4	85.5	85.6	84.3	83.4
95°	73.7	73.9	73.5	74.4	74.5	75.1	75.3	78.5	77.9	76.3	75.6
96°	66.9	66.6	66.6	67.8	67.3	68.0	68.2	71.2	70.6	69.3	68.5
97°	60.4	60.3	60.4	61.3	61.4	61.8	61.8	64.9	64.3	62.7	61.8
98°	54.9	54.8	54.9	56.0	56.0	56.0	56.4	59.2	58.5	57.1	56.2
99°	49.9	49.8	50.1	51.4	51.3	51.3	51.2	53.9	53.4	52.2	51.2
100°	46.0	45.7	46.0	47.0	47.3	47.0	47.0	49.8	49.1	47.9	47.0
101°	42.6	42.3	42.5	43.6	43.7	43.3	43.3	45.8	45.3	44.3	43.4
102°	39.9	39.6	39.8	40.5	41.0	40.5	40.3	42.8	42.2	41.3	40.4
103°	37.9	37.4	37.6	38.1	38.6	38.0	37.9	40.3	39.6	38.6	38.0
104°	36.0	35.6	35.6	36.1	36.5	36.0	35.8	38.0	37.3	36.5	36.0
105°	34.5	34.0	34.0	34.3	34.7	34.2	34.0	36.3	35.5	34.7	34.3
106°	33.1	32.7	32.5	32.7	33.0	32.6	32.4	34.4	33.7	33.1	32.7
107°	31.8	31.4	31.1	31.2	31.6	31.1	31.0	33.0	32.1	31.6	31.3
108°	30.7	30.1	29.8	29.8	30.2	29.7	29.6	31.6	30.7	30.2	30.0
109°	29.4	28.9	28.6	28.5	28.8	28.4	28.3	30.1	29.3	28.9	28.8
110°	28.2	27.7	27.3	27.2	27.5	27.1	27.1	28.8	27.9	27.6	27.6
111°	27.0	26.5	26.1	26.0	26.2	25.8	25.8	27.5	26.6	26.3	26.4
112°	25.8	25.3	24.9	24.9	24.9	24.6	24.5	26.2	25.3	25.0	25.2
113°	24.7	24.1	23.8	23.6	23.6	23.3	23.2	24.9	24.0	23.8	24.0
114°	23.5	23.0	22.6	22.5	22.4	22.0	22.1	23.6	22.7	22.6	22.8
115°	22.4	22.0	21.5	21.4	21.2	20.8	20.9	22.4	21.6	21.4	21.7
116°	21.3	20.9	20.4	20.2	20.0	19.6	19.8	21.3	20.5	20.3	20.5
117°	20.3	19.9	19.4	19.2	19.0	18.5	18.7	20.1	19.4	19.3	19.5
118°	19.3	18.9	18.6	18.2	17.9	17.5	17.7	19.1	18.4	18.2	18.4
119°	18.4	18.0	17.6	17.3	17.0	16.5	16.8	18.1	17.5	17.3	17.5
120°	17.5	17.1	16.8	16.5	16.1	15.7	15.9	17.2	16.7	16.5	16.6
121°	16.8	16.5	16.1	15.7	15.4	14.9	15.2	16.4	16.0	15.7	15.8
122°	16.2	15.9	15.5	15.1	14.8	14.2	14.5	15.7	15.3	15.0	15.0
123°	15.6	15.4	15.1	14.7	14.2	13.7	13.9	15.1	14.7	14.4	14.4
124°	15.2	15.0	14.8	14.4	13.9	13.2	13.5	14.5	14.2	13.9	13.8
125°	14.7	14.6	14.5	14.1	13.6	12.8	13.1	14.1	13.8	13.4	13.3
126°	14.4	14.2	14.1	13.9	13.3	12.5	12.7	13.7	13.4	13.0	12.9
127°	14.1	13.9	13.9	13.7	13.1	12.3	12.4	13.4	13.1	12.6	12.5
128°	13.9	13.7	13.8	13.6	13.1	12.2	12.2	13.0	12.8	12.3	12.2
129°	13.6	13.5	13.6	13.5	13.0	12.1	12.1	12.8	12.6	12.1	11.9
130°	13.5	13.4	13.4	13.4	12.9	12.0	12.0	12.5	12.4	11.9	11.7
131°	13.4	13.4	13.4	13.4	12.9	12.0	12.0	12.3	12.2	11.8	11.5
132°	13.3	13.3	13.4	13.3	12.8	11.9	11.8	12.2	12.1	11.7	11.4
133°	13.1	13.1	13.2	13.2	12.6	11.8	11.6	12.1	12.0	11.6	11.1
134°	12.8	12.8	12.7	13.0	12.4	11.5	11.3	11.9	11.6	11.2	10.9

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	12.6	12.5	12.3	12.5	12.0	11.2	11.1	11.5	11.2	10.8	10.6
136°	12.3	12.3	12.0	12.0	11.7	10.8	10.9	11.2	10.9	10.5	10.3
137°	12.2	12.1	11.7	11.6	11.3	10.5	10.6	10.9	10.6	10.2	10.0
138°	12.2	11.9	11.5	11.2	11.0	10.2	10.3	10.6	10.3	9.9	9.7
139°	12.0	11.7	11.1	10.9	10.7	10.0	10.1	10.3	10.0	9.5	9.4
140°	12.0	11.5	10.7	10.6	10.3	9.8	9.7	9.9	9.7	9.3	9.2
141°	12.1	11.5	10.4	10.2	9.9	9.7	9.4	9.6	9.4	9.0	8.8
142°	12.2	11.8	10.2	10.0	9.6	9.3	9.1	9.3	9.2	8.8	8.6
143°	12.0	11.5	10.2	9.9	9.2	9.1	8.9	9.0	8.9	8.5	8.3
144°	11.5	11.5	10.3	9.3	9.0	8.8	8.7	8.7	8.7	8.3	8.1
145°	11.4	11.4	10.8	8.9	8.7	8.5	8.4	8.4	8.4	8.0	7.8
146°	11.6	11.1	10.5	8.7	8.5	8.3	8.1	8.2	8.1	7.8	7.5
147°	11.1	10.7	9.8	8.5	8.9	8.1	8.0	8.0	7.9	7.5	7.3
148°	10.7	10.3	9.3	8.2	9.2	8.0	7.6	7.8	7.7	7.3	7.1
149°	10.9	9.9	8.7	7.9	8.7	7.7	7.3	7.7	7.5	7.0	6.9
150°	10.8	9.7	8.5	7.6	7.9	7.6	7.3	7.5	7.3	6.8	6.7
151°	10.2	9.6	8.4	7.4	7.4	7.6	7.1	7.3	7.0	6.6	6.4
152°	9.7	9.2	7.9	7.3	7.4	7.4	6.9	7.0	6.8	6.4	6.2
153°	9.2	9.0	7.7	7.2	7.4	6.9	6.7	6.7	6.6	6.2	6.0
154°	9.0	8.6	7.6	7.0	7.2	6.7	6.4	6.4	6.5	6.1	5.8
155°	8.6	8.1	7.4	6.9	6.9	6.4	6.1	6.3	6.3	5.9	5.6
156°	8.1	7.9	7.2	6.9	6.7	6.2	6.0	6.1	6.1	5.7	5.4
157°	7.8	7.6	7.1	6.7	6.6	6.2	5.9	5.9	5.9	5.5	5.2
158°	7.6	7.4	6.8	6.5	6.4	6.0	5.6	5.7	5.7	5.3	5.0
159°	7.4	7.2	6.6	6.3	6.1	5.6	5.4	5.4	5.4	5.1	4.8
160°	7.3	6.9	6.3	6.0	5.9	5.4	5.2	5.1	5.1	4.9	4.7
161°	7.2	6.7	6.2	5.8	5.8	5.2	4.9	4.9	4.8	4.7	4.5
162°	7.0	6.5	6.0	5.6	5.5	5.0	4.7	4.6	4.6	4.5	4.2
163°	6.7	6.2	5.7	5.5	5.3	4.8	4.5	4.4	4.4	4.3	4.0
164°	6.4	5.9	5.5	5.2	5.1	4.6	4.3	4.2	4.2	4.1	3.8
165°	6.2	5.7	5.2	5.0	4.8	4.4	4.1	4.0	4.0	3.9	3.6
166°	5.8	5.4	5.0	4.7	4.5	4.2	3.9	3.8	3.8	3.7	3.5
167°	5.5	5.2	4.8	4.5	4.3	3.9	3.7	3.6	3.6	3.5	3.3
168°	5.3	4.9	4.6	4.3	4.1	3.7	3.4	3.4	3.4	3.2	3.1
169°	4.9	4.6	4.4	4.0	3.8	3.4	3.2	3.2	3.1	3.0	2.9
170°	4.5	4.3	4.1	3.8	3.5	3.2	3.0	2.9	2.9	2.7	2.7
171°	3.9	3.8	3.7	3.4	3.1	2.9	2.7	2.6	2.6	2.5	2.5
172°	3.4	3.3	3.2	2.9	2.6	2.5	2.3	2.3	2.3	2.2	2.2
173°	2.7	2.6	2.6	2.4	2.1	2.1	2.0	2.0	2.0	2.0	1.9
174°	2.0	2.0	1.9	1.8	1.6	1.7	1.6	1.6	1.6	1.6	1.6
175°	1.4	1.3	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2
176°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.8
177°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
178°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
179°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5



REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-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	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
2°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
3°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
4°	0.4	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6
5°	0.6	0.7	0.8	1.0	1.2	1.1	1.2	1.1	1.1	1.2	1.3
6°	1.0	1.1	1.3	1.6	1.8	2.0	2.1	2.0	2.1	2.2	2.5
7°	2.1	2.2	2.4	2.8	3.3	6.6	6.5	4.0	4.3	4.9	6.0
8°	7.0	7.0	7.4	7.6	8.7	11.2	10.9	8.1	9.1	10.9	11.8
9°	11.9	11.7	12.4	12.4	14.0	15.9	15.3	14.0	14.0	16.1	17.0
10°	16.9	16.5	17.6	17.4	20.2	22.5	21.8	23.9	24.7	26.5	27.1
11°	25.9	25.7	26.6	28.3	30.3	32.1	31.4	33.9	35.4	37.0	37.3
12°	39.1	39.1	38.9	40.3	43.2	42.6	45.1	43.8	46.1	47.5	47.4
13°	49.8	50.4	50.5	49.9	52.2	55.6	61.5	55.7	58.4	59.7	63.6
14°	65.2	67.6	66.1	63.4	65.5	74.8	75.0	80.1	77.2	75.5	81.4
15°	79.5	87.3	87.1	79.8	86.2	94.9	97.4	95.4	98.7	103.0	103.2
16°	99.9	106.9	108.2	102.0	106.9	115.0	119.9	113.8	118.2	125.5	122.2
17°	120.3	126.8	129.3	124.1	127.6	135.1	142.2	144.8	142.6	140.1	132.1
18°	140.6	154.3	158.6	146.3	148.6	156.6	161.1	161.8	168.1	164.5	163.9
19°	157.4	171.3	180.1	170.9	172.2	186.6	184.3	188.3	205.8	201.3	196.4
20°	183.6	207.6	217.9	192.7	197.4	219.0	209.5	229.7	231.8	214.1	212.5
21°	210.5	229.1	243.2	218.0	223.3	221.9	233.9	241.8	250.4	235.4	232.7
22°	233.9	255.3	269.8	243.6	239.7	244.3	281.7	273.8	273.3	273.2	244.4
23°	250.4	277.7	294.0	267.8	263.8	263.1	295.4	292.7	296.4	290.8	266.5
24°	275.2	290.2	309.8	286.4	279.1	279.7	305.8	311.5	319.5	308.4	289.0
25°	293.0	309.0	330.5	301.1	294.6	294.9	317.9	330.2	326.0	325.9	311.5
26°	313.3	318.4	342.2	318.3	308.8	329.7	336.2	342.1	339.6	336.6	340.8
27°	320.4	327.4	359.1	327.1	341.8	353.4	346.6	351.5	352.6	353.6	354.2
28°	339.4	340.2	363.5	344.4	358.1	364.6	373.4	370.9	372.7	365.7	368.6
29°	357.1	348.4	384.0	372.0	377.7	374.9	388.7	382.2	378.8	394.5	399.5
30°	385.4	355.8	393.8	400.2	401.1	395.3	415.6	391.0	389.4	402.5	407.5
31°	406.1	371.1	403.2	414.0	408.5	425.1	432.0	401.5	399.6	423.2	428.5
32°	430.8	384.3	408.8	425.1	411.8	436.2	447.4	416.4	413.2	439.6	429.2
33°	445.1	400.5	427.6	446.1	429.8	449.9	472.0	434.0	430.6	458.5	452.1
34°	455.1	404.6	442.1	462.3	468.7	476.9	477.3	438.8	433.7	476.8	473.4
35°	458.1	413.2	456.2	472.0	505.8	507.7	478.6	448.5	450.7	480.8	509.7
36°	464.5	434.8	477.9	474.9	505.9	529.9	490.0	481.4	483.4	483.1	522.6
37°	475.2	503.8	510.6	483.7	515.8	526.9	504.0	558.2	528.2	496.7	527.3
38°	517.1	521.6	562.5	501.6	528.9	542.3	543.5	561.5	552.3	529.1	542.5
39°	530.8	532.3	567.9	558.6	539.9	582.8	564.1	566.5	559.1	560.0	566.7
40°	538.6	543.6	582.1	571.5	594.8	598.8	577.3	582.3	570.5	585.8	603.4
41°	549.4	552.6	590.1	596.3	591.5	603.8	590.3	592.1	589.2	613.4	607.9
42°	576.3	564.7	612.1	612.9	607.2	619.0	639.1	603.0	621.2	633.1	619.5
43°	593.1	595.3	624.9	622.4	619.0	631.5	648.4	640.5	630.2	639.9	640.0
44°	597.3	606.2	643.7	632.3	625.3	644.7	648.9	650.9	651.4	646.2	646.0

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	607.3	614.7	651.7	641.4	629.6	651.3	658.6	657.1	657.1	658.0	655.7
46°	618.7	628.0	660.2	652.5	639.1	654.1	671.0	664.2	665.6	666.4	666.3
47°	627.1	629.9	668.7	662.3	647.5	660.0	682.5	671.0	673.7	676.5	668.7
48°	630.3	636.6	679.2	672.0	652.4	666.7	688.3	675.1	680.2	688.2	670.5
49°	632.3	646.2	683.9	674.2	654.2	663.9	691.3	680.2	686.0	693.1	670.5
50°	634.0	646.9	683.4	675.0	656.6	661.7	694.5	683.7	688.7	687.7	668.6
51°	634.9	645.9	683.6	675.6	654.6	659.6	694.8	680.2	688.2	686.0	670.2
52°	635.9	645.7	685.9	671.9	656.5	657.5	692.6	679.6	685.4	684.7	667.5
53°	633.4	641.9	679.2	670.2	654.5	652.2	688.3	675.1	682.8	683.7	668.2
54°	631.9	637.2	674.0	664.2	650.2	647.1	678.1	671.3	677.8	678.0	661.6
55°	628.8	629.9	665.3	655.3	642.3	640.1	670.5	663.2	670.6	666.7	653.9
56°	626.5	623.6	658.2	644.0	631.7	634.5	658.5	652.1	660.6	659.2	645.5
57°	619.7	617.7	647.8	633.4	623.6	626.8	646.1	642.3	649.7	652.0	637.3
58°	611.8	608.2	637.3	623.1	612.8	619.8	634.2	631.9	637.2	640.5	627.1
59°	600.2	597.5	627.6	610.3	601.7	611.2	622.8	621.4	626.2	628.7	614.1
60°	587.5	585.3	614.0	600.1	589.6	599.2	611.6	610.9	615.9	615.1	598.4
61°	573.5	571.9	601.4	589.5	576.8	586.0	598.5	597.3	604.1	602.3	583.3
62°	563.9	556.8	586.8	577.0	564.3	571.3	583.0	584.1	587.4	589.9	570.7
63°	549.3	545.3	572.9	565.0	548.7	559.6	569.8	569.9	573.5	578.9	559.3
64°	536.9	528.4	557.8	550.2	535.4	543.0	554.7	555.6	562.1	565.4	546.0
65°	521.4	513.7	543.7	535.9	523.2	527.6	540.8	541.0	549.6	550.2	531.3
66°	508.4	500.5	528.4	520.5	508.7	512.6	528.4	526.8	534.3	535.7	516.2
67°	492.8	486.7	513.6	506.2	495.9	496.9	512.9	511.6	520.4	520.9	500.9
68°	480.7	473.4	499.1	490.8	481.0	484.5	498.4	496.3	505.8	504.0	485.4
69°	466.8	456.6	482.2	475.9	465.5	471.2	485.0	481.3	490.2	487.6	471.3
70°	452.3	445.1	467.5	459.7	451.7	456.7	469.8	468.2	473.3	471.0	454.8
71°	437.6	428.8	449.8	443.5	437.1	442.4	455.0	453.0	458.4	455.6	438.1
72°	422.5	412.7	432.0	427.3	423.6	425.8	437.8	437.7	440.8	438.6	421.1
73°	406.6	398.7	415.0	412.0	406.8	409.3	422.1	421.3	423.4	422.8	403.7
74°	391.3	381.2	395.8	394.3	388.6	391.3	404.6	404.3	405.3	405.3	386.8
75°	373.4	364.8	375.1	374.8	369.8	373.0	385.5	385.1	385.9	384.8	366.5
76°	355.2	346.0	356.6	354.9	352.2	353.0	365.5	365.8	365.1	363.8	348.1
77°	334.9	325.3	334.4	333.2	332.6	334.4	345.6	345.1	343.6	342.4	328.5
78°	316.0	305.3	312.0	312.5	313.4	315.8	326.8	324.7	322.6	321.8	307.8
79°	296.0	285.2	289.5	291.7	293.6	296.1	306.1	305.2	301.3	302.0	289.8
80°	276.0	265.1	267.2	271.0	273.8	276.4	285.4	285.2	280.7	282.3	270.8
81°	256.0	246.7	247.6	249.1	255.0	256.8	264.7	266.1	260.7	261.8	250.0
82°	234.2	227.5	226.5	227.7	234.3	236.6	241.3	244.7	239.2	238.5	230.4
83°	214.3	208.4	204.3	206.8	214.5	217.0	222.3	223.5	219.0	219.8	210.0
84°	194.5	189.5	185.4	187.4	195.6	198.6	201.8	203.0	199.3	199.8	192.1
85°	175.7	170.4	165.6	167.1	175.7	179.0	180.2	183.2	177.9	179.1	173.3
86°	156.5	152.8	147.9	149.4	159.0	162.0	162.3	163.5	158.7	160.8	153.5
87°	139.8	135.8	130.3	131.2	141.8	144.4	143.7	145.7	141.0	142.5	137.2
88°	126.3	123.2	117.2	116.5	128.1	129.3	128.8	131.7	126.9	128.9	127.1
89°	116.7	113.4	108.5	106.9	118.3	119.3	119.0	123.8	118.7	121.0	117.2

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	110.0	107.0	102.3	100.3	110.9	111.6	111.8	116.0	110.8	113.2	107.3
91°	104.1	101.2	97.1	94.6	104.5	104.9	105.8	108.1	105.0	105.4	100.8
92°	97.6	95.2	91.7	88.9	98.1	98.3	99.6	101.9	99.1	99.4	95.2
93°	90.5	88.4	85.4	82.8	90.9	91.1	92.8	95.0	93.0	92.6	88.6
94°	83.0	80.9	78.5	76.3	83.5	83.9	85.7	87.6	85.8	85.3	81.6
95°	74.9	73.2	71.1	69.8	76.0	76.2	77.8	79.7	78.8	78.2	74.7
96°	67.8	65.7	64.1	63.3	68.6	69.1	70.5	72.0	71.6	70.6	67.4
97°	61.2	59.2	57.6	57.4	62.2	62.5	63.8	65.0	64.6	64.1	61.6
98°	55.4	53.1	51.9	52.4	56.4	56.6	57.7	58.6	58.8	58.0	56.0
99°	50.5	48.3	47.0	47.9	51.4	51.7	52.7	53.2	53.4	52.9	51.1
100°	46.2	44.0	43.1	44.2	47.4	47.5	48.3	48.6	49.1	48.6	47.3
101°	42.8	40.5	40.0	41.2	44.1	44.2	44.7	44.8	45.5	44.9	43.7
102°	39.9	37.8	37.4	38.8	41.3	41.4	41.9	41.9	42.5	42.2	41.2
103°	37.7	35.5	35.3	36.8	39.1	39.0	39.5	39.4	40.2	39.7	38.8
104°	35.7	33.8	33.7	35.1	37.3	37.1	37.5	37.3	38.2	37.7	36.9
105°	34.2	32.4	32.3	33.8	35.7	35.6	35.9	35.7	36.5	36.1	35.4
106°	32.7	31.2	31.2	32.5	34.3	34.2	34.4	34.1	35.0	34.5	33.9
107°	31.5	30.2	30.0	31.3	33.1	32.9	33.1	32.8	33.7	33.1	32.5
108°	30.3	29.1	29.0	30.2	31.9	31.7	31.7	31.5	32.4	31.7	31.3
109°	29.1	28.1	27.9	29.1	30.7	30.5	30.4	30.2	31.2	30.4	30.0
110°	28.0	27.1	26.8	28.0	29.5	29.4	29.3	29.1	29.9	29.2	28.9
111°	26.8	26.1	25.6	26.7	28.2	28.2	28.0	27.8	28.7	27.9	27.6
112°	25.5	25.0	24.4	25.4	26.9	26.9	26.7	26.6	27.5	26.7	26.4
113°	24.3	23.9	23.2	24.1	25.5	25.6	25.4	25.5	26.3	25.5	25.2
114°	23.1	22.8	22.0	22.9	24.1	24.2	24.1	24.2	25.0	24.2	24.0
115°	21.9	21.6	20.8	21.6	22.8	22.9	22.9	23.0	23.8	23.0	22.8
116°	20.7	20.4	19.6	20.3	21.4	21.6	21.6	21.8	22.7	21.8	21.6
117°	19.5	19.3	18.4	19.1	20.1	20.4	20.4	20.7	21.4	20.7	20.5
118°	18.4	18.2	17.3	17.9	18.8	19.2	19.3	19.6	20.3	19.7	19.5
119°	17.4	17.1	16.2	16.8	17.7	18.1	18.3	18.6	19.3	18.7	18.5
120°	16.4	16.1	15.3	15.8	16.6	17.1	17.3	17.6	18.3	17.8	17.7
121°	15.6	15.2	14.5	15.0	15.7	16.2	16.5	16.8	17.6	17.1	17.1
122°	14.8	14.5	13.8	14.2	14.9	15.5	15.8	16.0	16.9	16.5	16.4
123°	14.1	13.8	13.2	13.5	14.2	14.8	15.1	15.5	16.3	15.9	15.9
124°	13.5	13.2	12.7	13.0	13.7	14.4	14.6	15.1	15.9	15.6	15.4
125°	13.0	12.7	12.2	12.6	13.3	14.0	14.3	14.8	15.5	15.4	15.1
126°	12.6	12.3	11.9	12.2	12.9	13.8	14.2	14.7	15.5	15.2	14.9
127°	12.2	12.0	11.7	12.0	12.8	13.7	14.2	14.6	15.5	15.1	14.6
128°	11.9	11.7	11.5	11.9	12.7	13.7	14.1	14.7	15.5	15.0	14.6
129°	11.6	11.4	11.3	11.8	12.5	13.6	14.1	14.7	15.5	14.9	14.5
130°	11.5	11.2	11.1	11.6	12.4	13.5	14.0	14.6	15.3	14.7	14.4
131°	11.1	11.0	11.0	11.5	12.4	13.5	13.9	14.6	15.1	14.5	14.2
132°	10.9	10.9	10.8	11.4	12.3	13.5	14.0	14.4	14.8	14.3	14.1
133°	10.8	10.7	10.7	11.2	12.2	13.4	13.8	14.0	14.4	13.9	13.8
134°	10.6	10.5	10.6	11.2	12.2	13.4	13.6	13.6	13.9	13.5	13.4

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	10.4	10.4	10.5	11.2	12.1	13.0	13.2	13.2	13.5	13.1	13.0
136°	10.1	10.3	10.3	10.9	11.7	12.6	12.9	12.9	13.1	12.8	12.8
137°	9.9	10.0	9.9	10.5	11.3	12.0	12.4	12.5	12.7	12.5	12.6
138°	9.6	9.6	9.5	10.0	10.8	11.5	11.9	12.1	12.4	12.2	12.3
139°	9.2	9.3	9.2	9.5	10.3	10.9	11.3	11.7	12.0	11.8	12.0
140°	8.9	9.0	8.8	9.1	9.8	10.4	10.7	11.2	11.9	11.5	11.8
141°	8.7	8.7	8.6	8.8	9.4	10.0	10.2	10.8	11.6	11.4	11.4
142°	8.4	8.4	8.3	8.5	9.0	9.7	9.9	10.5	11.1	11.1	11.2
143°	8.2	8.2	8.0	8.2	8.7	9.3	9.6	10.2	10.8	11.0	11.0
144°	8.0	8.0	7.7	7.9	8.4	8.9	9.3	9.9	10.7	11.0	11.2
145°	7.8	7.6	7.6	7.7	8.1	8.6	9.0	9.7	10.7	10.9	11.2
146°	7.5	7.4	7.3	7.4	7.8	8.3	8.9	9.4	10.4	10.7	11.8
147°	7.3	7.2	7.1	7.1	7.5	8.1	8.6	9.3	10.1	10.7	10.8
148°	7.0	7.0	6.9	6.9	7.3	7.8	8.3	9.2	9.9	10.3	10.4
149°	6.8	6.7	6.7	6.6	7.0	7.6	8.2	9.0	9.7	10.3	10.1
150°	6.6	6.5	6.5	6.4	6.8	7.3	8.1	8.7	9.5	10.0	9.5
151°	6.4	6.3	6.3	6.2	6.5	7.0	7.6	8.3	9.2	9.5	9.4
152°	6.2	6.1	6.0	5.9	6.3	6.8	7.3	7.9	8.7	8.9	9.2
153°	6.0	5.9	5.8	5.7	6.1	6.5	7.1	7.6	8.3	8.6	8.9
154°	5.8	5.7	5.6	5.5	5.9	6.3	6.9	7.3	7.9	8.5	8.6
155°	5.5	5.5	5.5	5.3	5.6	6.1	6.6	7.0	7.6	8.1	8.2
156°	5.3	5.3	5.3	5.0	5.4	5.9	6.4	6.8	7.4	7.7	7.9
157°	5.1	5.1	5.1	4.9	5.2	5.7	6.1	6.5	7.2	7.6	7.9
158°	5.0	4.9	4.9	4.8	5.0	5.4	5.8	6.3	6.8	7.4	7.5
159°	4.8	4.8	4.7	4.6	4.8	5.2	5.5	5.9	6.5	6.9	7.2
160°	4.6	4.6	4.5	4.5	4.6	5.0	5.3	5.6	6.2	6.6	7.0
161°	4.4	4.4	4.3	4.3	4.3	4.7	5.1	5.4	5.9	6.3	6.8
162°	4.2	4.2	4.2	4.1	4.1	4.5	4.9	5.2	5.6	6.1	6.5
163°	4.0	4.0	4.0	3.9	3.9	4.3	4.6	5.0	5.4	5.8	6.3
164°	3.8	3.8	3.8	3.7	3.7	4.0	4.4	4.8	5.1	5.6	5.9
165°	3.6	3.6	3.6	3.5	3.5	3.8	4.1	4.6	4.9	5.4	5.5
166°	3.4	3.4	3.4	3.3	3.3	3.5	3.8	4.4	4.6	5.0	5.2
167°	3.1	3.2	3.2	3.1	3.1	3.2	3.5	4.2	4.4	4.7	5.0
168°	3.0	3.0	3.0	2.9	2.9	3.0	3.3	3.9	4.1	4.5	4.7
169°	2.8	2.7	2.8	2.7	2.7	2.7	3.0	3.6	3.9	4.2	4.4
170°	2.5	2.4	2.5	2.5	2.4	2.4	2.7	3.3	3.6	3.9	4.0
171°	2.3	2.2	2.2	2.2	2.2	2.1	2.4	2.9	3.3	3.5	3.6
172°	2.1	1.9	1.9	1.9	1.9	1.9	2.1	2.6	2.8	3.1	3.2
173°	1.8	1.6	1.6	1.6	1.6	1.6	1.8	2.1	2.4	2.5	2.6
174°	1.5	1.4	1.3	1.3	1.3	1.4	1.5	1.7	1.9	2.0	2.1
175°	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.4	1.5
176°	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
177°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
178°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
179°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5



REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

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	0.4

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

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°	0.6	0.6	0.5
5°	1.3	1.3	1.2
6°	2.6	2.5	2.6
7°	5.4	5.1	5.1
8°	10.9	10.4	9.6
9°	16.1	16.6	18.0
10°	26.0	26.5	29.2
11°	36.0	36.5	40.5
12°	46.0	46.5	51.8
13°	59.0	66.2	66.9
14°	79.3	83.8	89.7
15°	96.6	90.0	104.1
16°	109.0	123.9	119.4
17°	127.3	147.1	148.8
18°	156.6	162.0	173.4
19°	190.0	207.6	208.9
20°	216.3	219.8	233.5
21°	237.0	247.8	254.5
22°	244.9	269.5	277.6
23°	272.1	286.3	300.7
24°	299.5	303.0	323.8
25°	326.8	319.6	333.7
26°	333.1	338.3	348.1
27°	352.5	357.4	364.9
28°	369.1	378.8	372.9
29°	381.8	398.0	383.2
30°	403.1	413.4	396.2
31°	412.4	426.5	406.0
32°	437.8	452.4	417.8
33°	466.6	474.0	426.4
34°	489.9	475.0	436.0
35°	504.6	479.2	440.8
36°	522.5	487.7	495.4
37°	541.0	526.9	533.5
38°	565.9	554.3	547.0
39°	599.7	563.1	559.4
40°	606.9	580.8	571.2
41°	620.8	602.8	580.2
42°	629.8	619.7	601.4
43°	637.4	624.9	628.9
44°	648.2	647.6	638.3

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	654.0	657.6	650.6
46°	661.2	672.1	661.8
47°	667.6	678.1	668.9
48°	670.7	684.2	673.3
49°	669.8	689.0	679.7
50°	672.5	689.5	677.5
51°	676.2	689.0	679.8
52°	669.6	685.3	677.6
53°	661.3	681.4	669.5
54°	653.8	676.8	666.2
55°	646.3	670.3	659.4
56°	636.6	662.0	650.1
57°	629.7	649.3	641.3
58°	618.8	635.6	628.1
59°	605.3	621.0	616.9
60°	592.0	608.8	604.8
61°	579.6	596.1	591.3
62°	564.5	580.2	577.2
63°	552.1	567.1	561.7
64°	538.4	553.1	548.3
65°	524.2	539.0	533.9
66°	509.6	524.1	517.9
67°	495.6	508.4	502.5
68°	482.0	491.7	487.4
69°	466.2	477.8	473.3
70°	448.9	463.5	459.2
71°	433.5	447.5	443.2
72°	418.1	430.7	426.1
73°	401.9	414.2	410.1
74°	385.0	396.9	394.6
75°	366.1	376.1	375.1
76°	347.4	354.1	355.2
77°	327.3	334.3	335.3
78°	306.5	313.7	315.2
79°	288.0	292.9	293.8
80°	270.6	272.0	274.1
81°	250.5	251.6	254.6
82°	230.2	230.8	231.1
83°	210.5	211.8	209.8
84°	190.3	191.4	191.9
85°	171.8	172.9	172.4
86°	152.8	154.0	153.9
87°	135.5	137.4	136.6
88°	125.8	127.3	126.6
89°	116.2	117.3	116.9

REPORT NUMBER: P1192952
 CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	106.6	107.3	107.1
91°	100.4	101.4	101.1
92°	94.5	95.3	94.7
93°	87.9	88.9	88.3
94°	81.2	81.9	81.0
95°	73.8	74.4	73.7
96°	67.2	67.5	66.9
97°	60.9	61.2	60.4
98°	55.5	55.8	54.9
99°	51.0	51.1	49.9
100°	47.1	46.9	46.0
101°	43.9	43.7	42.6
102°	41.3	41.0	39.9
103°	39.1	38.9	37.9
104°	37.2	37.0	36.0
105°	35.6	35.4	34.5
106°	34.2	34.0	33.1
107°	32.9	32.6	31.8
108°	31.5	31.3	30.7
109°	30.2	30.1	29.4
110°	29.0	28.7	28.2
111°	27.6	27.5	27.0
112°	26.3	26.2	25.8
113°	25.0	24.9	24.7
114°	23.7	23.7	23.5
115°	22.5	22.4	22.4
116°	21.4	21.3	21.3
117°	20.3	20.2	20.3
118°	19.4	19.2	19.3
119°	18.5	18.2	18.4
120°	17.6	17.4	17.5
121°	16.8	16.6	16.8
122°	16.2	16.0	16.2
123°	15.7	15.4	15.6
124°	15.3	14.9	15.2
125°	14.8	14.5	14.7
126°	14.5	14.2	14.4
127°	14.4	14.0	14.1
128°	14.2	13.7	13.9
129°	14.1	13.6	13.6
130°	13.9	13.6	13.5
131°	13.8	13.4	13.4
132°	13.7	13.3	13.3
133°	13.6	13.2	13.1
134°	13.4	12.9	12.8

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	13.0	12.6	12.6
136°	12.8	12.6	12.3
137°	12.6	12.4	12.2
138°	12.4	12.2	12.2
139°	12.2	12.1	12.0
140°	12.1	11.9	12.0
141°	11.8	11.7	12.1
142°	11.4	11.6	12.2
143°	11.2	11.5	12.0
144°	11.1	11.7	11.5
145°	10.9	11.9	11.4
146°	10.5	11.3	11.6
147°	10.3	10.8	11.1
148°	10.1	10.6	10.7
149°	9.6	10.2	10.9
150°	9.1	9.6	10.8
151°	9.0	9.5	10.2
152°	8.9	8.9	9.7
153°	8.6	8.6	9.2
154°	8.3	8.5	9.0
155°	8.3	8.5	8.6
156°	8.0	8.4	8.1
157°	7.8	8.2	7.8
158°	7.5	7.8	7.6
159°	7.4	7.5	7.4
160°	7.1	7.4	7.3
161°	7.0	7.1	7.2
162°	6.8	6.9	7.0
163°	6.5	6.7	6.7
164°	6.2	6.5	6.4
165°	5.9	6.1	6.2
166°	5.6	5.8	5.8
167°	5.4	5.5	5.5
168°	5.0	5.2	5.3
169°	4.7	4.8	4.9
170°	4.2	4.4	4.5
171°	3.8	4.0	3.9
172°	3.2	3.4	3.4
173°	2.7	2.8	2.7
174°	2.1	2.1	2.0
175°	1.4	1.4	1.4
176°	0.8	0.8	0.8
177°	0.5	0.5	0.5
178°	0.5	0.5	0.5
179°	0.5	0.5	0.5

REPORT NUMBER: P1192952
CATALOG NUMBER: BOLD42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.4	0.4	0.4

(END OF REPORT)