

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: P1192974

Luminaire Tested: BOLR42-25S-BZ-25W-4000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192974
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: BOLR42-25S-BZ-25W-4000K
Description: Round Top G6 Bollard, 42" length, 25W,BZ at 4000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

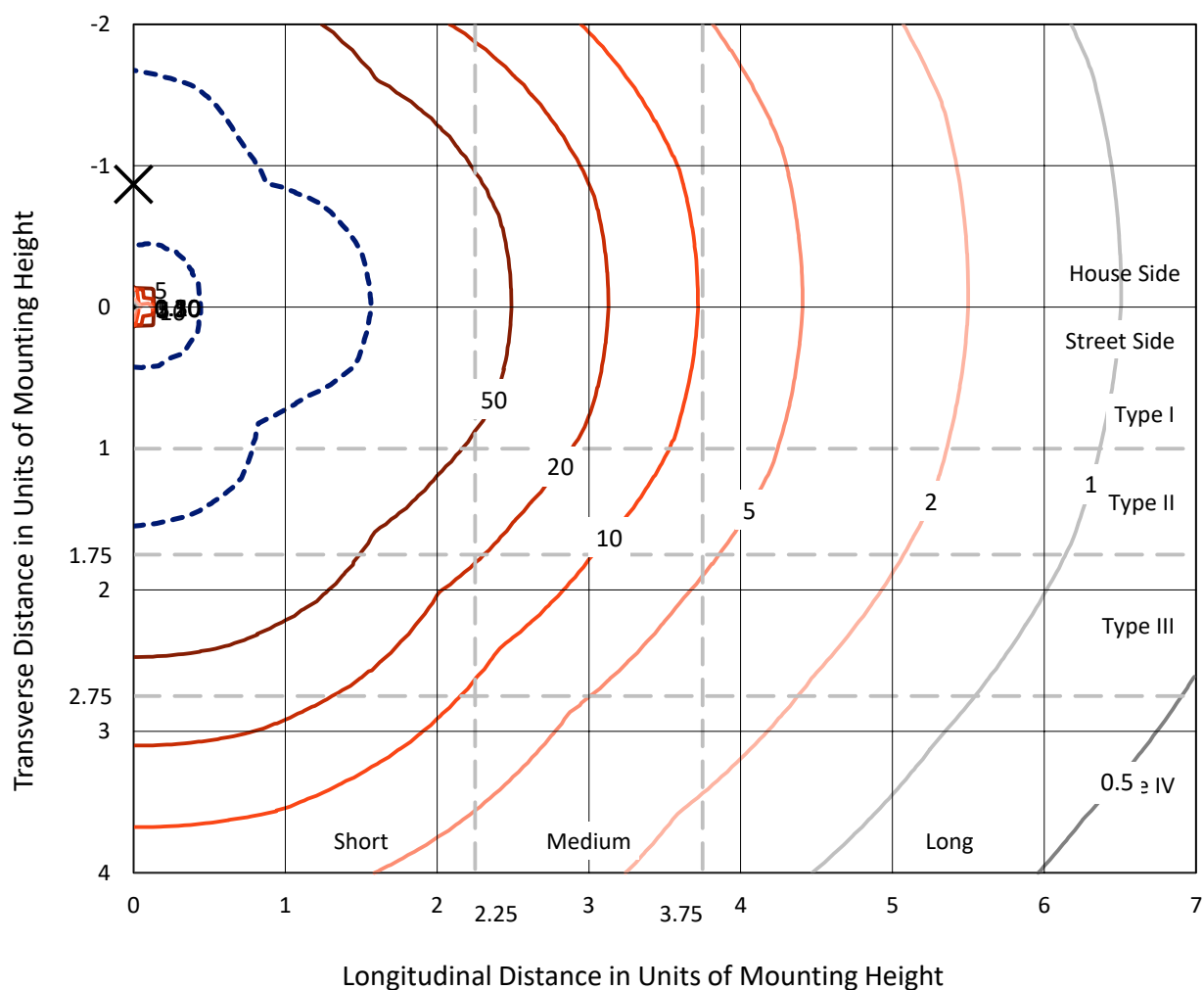
Lumens per Lamp: 1375.2 (1 lamp)
Luminaire Lumens: 2400.2 lumens
Efficiency: 174.5%
Efficacy: 95.6 lumens/watt
Luminous Opening: Point Source (0' x 0' x 0')
IES Classification: Type V - Short - Cutoff
BUG Rating: B1 - U2 - G1

Input Watts (W): 25.1
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

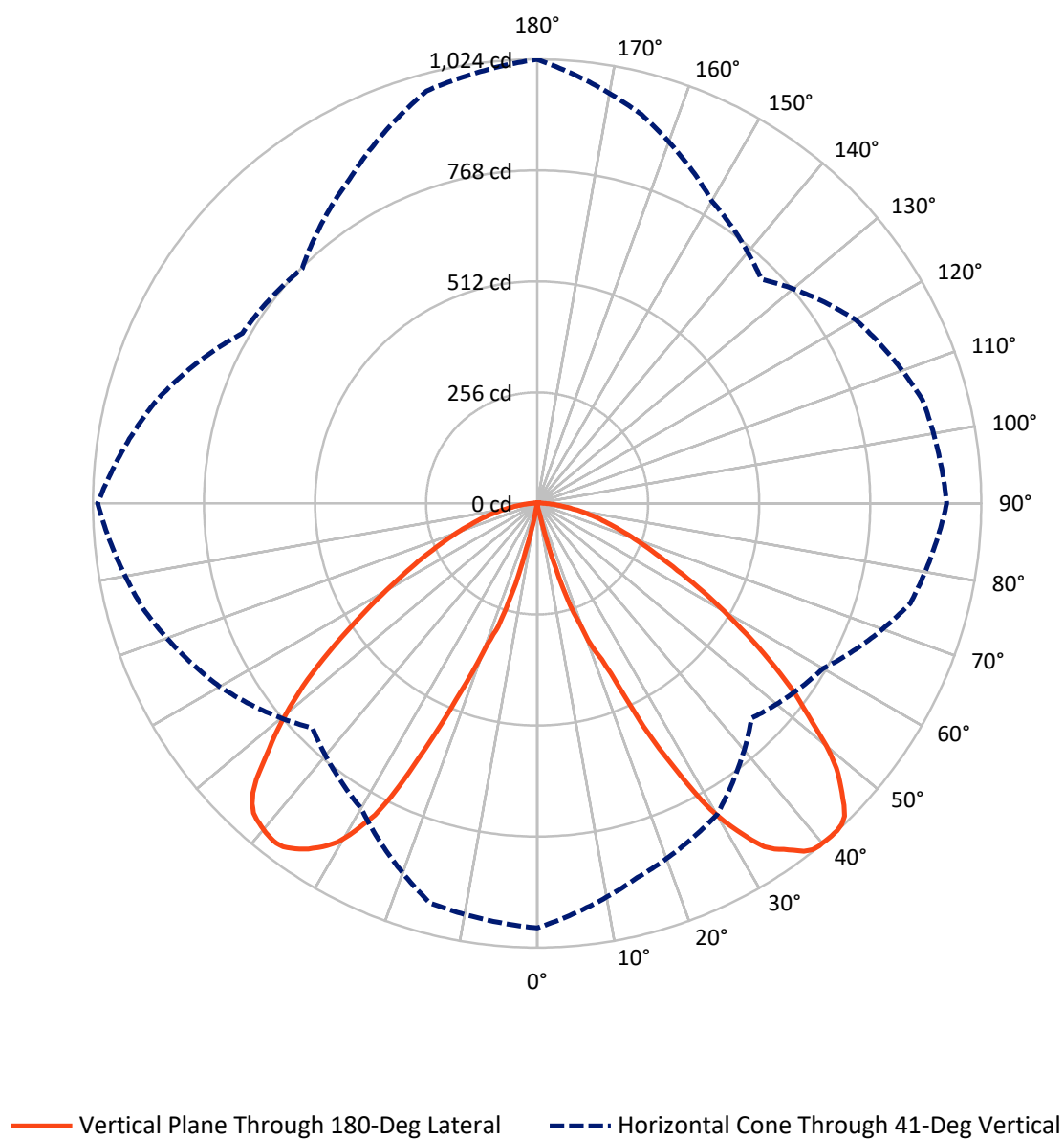
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 2256.9 fc
 Type V - Short - Cutoff

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Luminous Intensity Polar Plot



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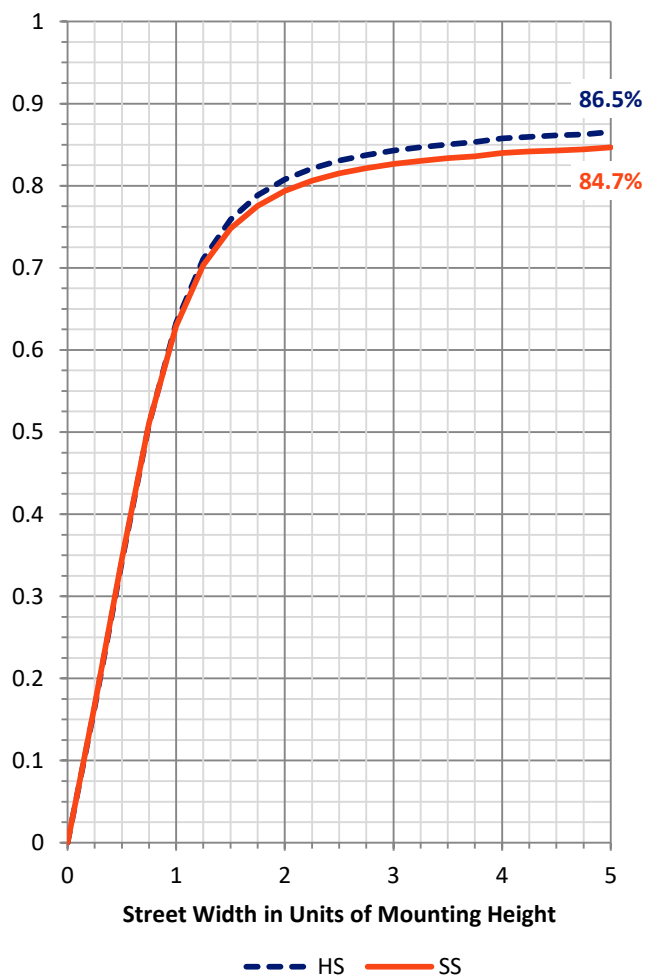
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1201.8	13.4	1215.2
	% Lamp	87.4	1.0	88.4
Street Side	Lumens	1172.4	12.6	1185.0
	% Lamp	85.3	0.9	86.2
Total	Lumens	2374.2	26.0	2400.2
	% Lamp	172.6	1.9	174.5

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.2	0.0	0.0
10°-20°	47.8	2.0	3.5
20°-30°	260.6	10.9	18.9
30°-40°	527.5	22.0	38.4
40°-50°	621.8	25.9	45.2
50°-60°	468.9	19.5	34.1
60°-70°	268.4	11.2	19.5
70°-80°	135.6	5.7	9.9
80°-90°	43.4	1.8	3.2
90°-100°	9.9	0.4	0.7
100°-110°	5.3	0.2	0.4
110°-120°	3.6	0.2	0.3
120°-130°	2.6	0.1	0.2
130°-140°	2.0	0.1	0.1
140°-150°	1.3	0.1	0.1
150°-160°	0.8	0.0	0.1
160°-170°	0.4	0.0	0.0
170°-180°	0.1	0.0	0.0
0°-90°	2374.2	98.9	172.6
0°-180°	2400.2	100.0	174.5

Coefficient of Utilization



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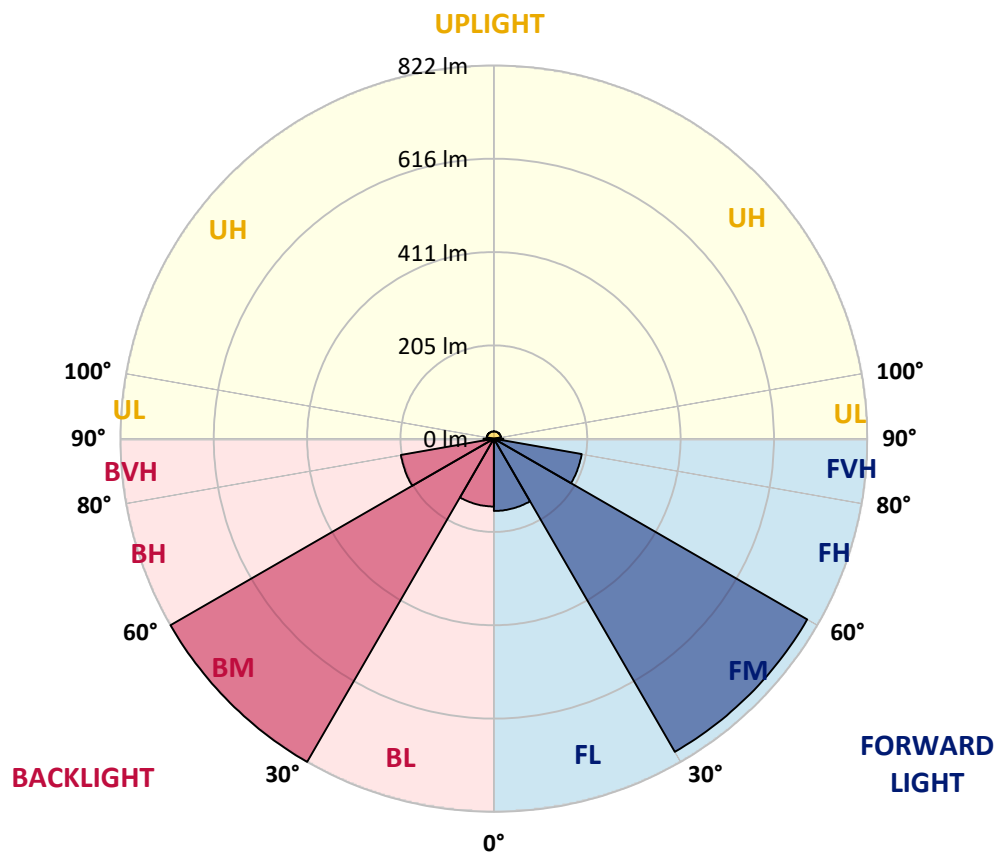
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	159.2	11.6			
FM	(30°-60°)	796.3	57.9			
FH	(60°-80°)	196.2	14.3			G0/660
FVH	(80°-90°)	20.6	1.5			G1/100
BL	(0°-30°)	149.4	10.9	B1/500		
BM	(30°-60°)	821.9	59.8	B1/1000		
BH	(60°-80°)	207.8	15.1	B1/500		G0/660
BVH	(80°-90°)	22.8	1.7			G1/100
UL	(90°-100°)	9.9	0.7		U1/10	
UH	(100°-180°)	16.0	1.2		U2/50	
Trapped Light		-1025.0	-74.5			

BUG Rating: B1-U2-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
4°	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1
5°	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4
6°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7
7°	1.5	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0
8°	3.3	3.6	3.8	3.5	3.2	2.8	2.3	2.1	2.0	1.8	1.6
9°	6.0	6.0	5.9	6.2	5.7	5.1	4.9	4.8	4.6	4.5	4.1
10°	10.0	9.7	9.7	10.2	9.5	8.7	10.1	9.9	9.8	9.6	6.6
11°	17.0	16.0	16.8	17.9	17.3	15.3	15.2	15.1	15.1	14.7	12.4
12°	46.6	45.6	53.1	55.5	53.2	44.4	20.6	20.2	20.6	19.9	18.4
13°	76.8	75.8	89.4	93.6	89.3	73.7	34.3	34.4	33.3	31.8	28.9
14°	107.1	106.0	125.7	131.6	125.3	102.9	84.4	85.6	82.1	86.0	81.6
15°	169.3	160.2	171.0	191.1	181.8	152.2	134.5	136.8	130.9	140.2	134.3
16°	213.4	203.3	207.8	230.0	210.2	198.2	184.5	187.9	179.3	194.2	186.8
17°	253.9	242.7	242.8	247.5	241.3	238.8	225.0	234.1	213.7	233.0	218.8
18°	297.1	285.0	282.7	261.5	261.9	267.7	256.0	262.7	234.4	253.6	243.1
19°	318.1	305.4	305.2	275.5	278.2	301.2	289.5	296.0	264.7	268.0	265.8
20°	344.8	330.7	331.3	292.1	296.6	332.7	320.4	331.8	305.2	282.4	298.7
21°	393.4	379.2	381.3	319.8	323.4	373.9	350.4	361.0	335.3	298.5	320.4
22°	442.3	428.1	431.6	376.9	382.5	415.4	384.4	394.5	368.7	326.7	343.9
23°	490.5	477.1	481.9	434.6	442.1	456.9	438.7	445.8	421.6	371.0	383.6
24°	555.7	537.3	550.7	492.3	501.8	515.0	499.9	511.1	489.3	432.9	444.4
25°	619.9	586.9	597.9	545.9	562.9	568.6	570.4	572.4	559.7	498.7	516.4
26°	688.0	640.5	631.3	589.5	617.0	611.9	634.6	628.8	600.3	543.2	577.7
27°	758.0	680.4	660.0	630.4	650.6	651.3	693.5	675.4	633.1	584.9	629.5
28°	810.1	714.9	684.0	656.1	678.2	695.3	747.8	711.1	662.0	623.3	662.4
29°	844.5	754.2	712.0	672.1	700.3	734.6	791.3	748.1	687.6	647.8	687.7
30°	877.7	779.8	741.1	684.1	712.6	759.2	819.9	783.1	718.9	668.3	710.9
31°	906.1	796.0	757.8	691.5	723.2	787.6	845.5	808.6	750.7	684.8	729.3
32°	925.2	812.5	773.7	701.5	734.0	814.8	872.0	828.9	770.7	698.0	743.4
33°	940.7	838.2	789.7	711.6	745.3	834.5	892.1	850.3	787.2	710.4	754.7
34°	955.4	864.9	803.4	716.3	754.4	850.9	905.1	870.6	801.4	721.0	765.8
35°	967.3	882.9	813.2	718.1	763.2	864.6	916.9	889.9	814.8	730.2	776.8
36°	976.4	893.0	819.6	717.4	768.8	874.8	927.7	904.7	825.1	737.7	785.4
37°	984.6	899.4	823.5	715.3	771.2	881.0	937.0	913.0	830.6	741.2	793.5
38°	987.9	900.6	825.9	712.2	770.0	884.7	943.5	915.7	832.5	740.6	798.3
39°	986.1	900.5	828.1	709.4	768.6	887.8	946.1	918.4	836.6	738.0	800.0
40°	983.6	899.4	831.2	706.8	765.5	890.6	945.9	920.6	841.7	734.9	803.0
41°	978.8	893.2	828.6	699.7	761.2	890.5	944.3	920.1	847.7	731.2	805.5
42°	974.8	887.3	822.3	688.4	752.7	888.1	939.0	914.0	849.0	728.6	803.1
43°	967.8	879.8	810.7	672.3	741.3	879.9	930.2	902.9	840.0	721.6	795.7
44°	954.6	869.3	795.1	653.7	724.0	866.2	916.7	884.1	823.6	706.6	781.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	934.8	852.2	773.8	632.0	706.0	849.0	900.2	865.2	800.5	684.8	764.0
46°	907.5	828.3	747.7	603.8	680.0	827.3	880.2	845.4	775.8	658.8	743.4
47°	871.8	796.6	716.4	570.9	651.9	803.0	856.9	824.1	751.8	629.0	719.6
48°	837.8	768.0	686.9	541.7	623.9	777.9	828.4	798.2	725.7	603.2	691.7
49°	808.2	744.4	662.4	516.2	598.0	747.5	796.1	767.1	694.9	575.6	661.9
50°	774.8	716.6	640.4	488.8	568.6	716.9	761.3	734.2	663.2	544.8	631.3
51°	738.7	685.9	614.1	461.2	542.5	689.2	727.0	703.9	634.4	513.5	598.2
52°	703.1	655.6	587.8	436.4	516.8	659.6	695.0	672.6	606.9	484.3	567.0
53°	666.8	624.9	560.9	412.1	491.7	630.0	663.0	641.2	578.2	457.0	538.5
54°	628.5	592.2	531.3	386.1	463.9	599.0	629.3	610.6	549.2	428.2	510.4
55°	589.0	560.1	500.9	361.0	437.4	567.7	593.7	580.7	519.6	398.0	483.1
56°	551.1	529.4	471.6	335.8	411.0	534.6	559.4	549.4	489.7	367.8	455.0
57°	514.0	497.6	442.8	313.9	384.0	500.9	523.9	517.4	458.4	337.7	429.0
58°	480.1	467.3	415.9	293.9	359.8	468.7	490.1	484.4	428.3	314.6	402.4
59°	447.6	439.2	389.6	276.7	337.0	438.0	459.1	454.7	401.4	295.5	375.7
60°	416.2	411.7	365.7	261.1	316.1	410.4	429.5	427.1	374.5	277.9	349.1
61°	387.7	385.7	342.6	246.9	296.9	384.0	401.6	400.7	347.6	261.3	325.9
62°	361.9	361.3	320.6	233.4	278.7	358.4	373.6	374.4	323.7	245.7	304.3
63°	338.1	336.9	300.0	220.0	261.1	334.7	345.9	348.2	301.1	231.0	283.1
64°	315.2	314.0	279.8	207.2	244.6	311.2	323.4	324.0	280.4	217.5	263.1
65°	293.7	292.4	260.9	195.5	229.6	290.7	300.8	302.0	261.0	204.7	244.7
66°	273.5	272.5	242.8	184.5	214.7	271.2	280.5	281.1	242.6	192.4	227.8
67°	254.5	253.6	226.0	173.5	200.7	252.7	261.0	261.8	225.5	180.8	211.7
68°	236.8	236.0	209.6	163.4	187.0	234.7	243.0	243.6	209.7	169.3	197.2
69°	219.1	219.0	194.2	153.4	174.1	218.2	226.2	227.0	195.2	158.9	183.8
70°	203.1	203.1	180.5	143.3	162.5	202.9	210.3	210.9	181.8	148.8	171.4
71°	188.0	188.6	169.6	134.2	151.0	187.6	195.1	196.0	168.9	139.2	159.4
72°	174.0	175.1	156.3	125.6	139.5	173.8	181.0	181.7	157.1	130.1	148.9
73°	161.0	162.3	143.0	117.4	129.4	161.1	167.2	168.1	145.8	121.5	139.1
74°	148.1	149.5	132.2	109.1	120.3	148.4	154.2	155.1	135.3	113.7	129.7
75°	135.2	136.7	121.7	100.9	111.4	135.8	141.8	143.0	125.3	106.4	120.8
76°	123.8	124.7	110.9	92.5	102.5	123.5	129.8	131.1	115.6	98.7	112.0
77°	112.1	112.4	99.6	84.2	92.9	112.1	117.9	118.8	105.1	90.3	102.5
78°	100.5	100.7	89.2	75.8	83.4	100.8	106.0	106.9	95.0	81.4	92.3
79°	89.4	89.9	79.4	67.4	74.3	89.9	94.9	96.1	84.9	72.5	82.4
80°	79.0	79.5	70.1	59.2	65.7	79.5	84.0	85.3	75.2	63.8	72.8
81°	68.5	69.4	61.2	51.3	57.0	69.1	73.9	74.9	66.0	55.4	63.9
82°	59.6	59.9	53.0	44.0	49.4	59.9	64.0	65.1	57.3	47.8	55.5
83°	51.8	52.2	46.4	38.4	42.9	51.9	55.5	56.6	50.1	41.6	48.3
84°	44.8	45.1	40.3	33.4	37.3	44.7	48.0	48.9	43.6	36.6	42.1
85°	38.3	38.4	34.3	28.7	31.9	38.1	41.5	42.2	37.9	31.6	36.6
86°	32.2	32.3	28.8	24.4	26.9	32.0	35.0	35.6	32.1	26.7	31.1
87°	26.9	26.7	23.9	20.7	22.4	26.6	28.6	29.0	26.3	22.6	25.7
88°	22.2	21.8	19.7	18.0	18.7	21.6	23.4	23.6	21.8	18.9	21.3
89°	18.8	18.2	17.3	15.4	16.3	17.9	19.5	19.3	18.1	15.8	17.9

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	16.4	15.9	15.0	12.8	13.8	15.6	16.7	16.5	15.6	13.6	15.4
91°	14.0	13.6	12.7	11.5	12.1	13.2	14.4	14.3	13.5	12.1	13.5
92°	12.1	11.8	11.2	10.4	10.7	11.4	12.5	12.3	11.9	10.9	11.7
93°	10.4	10.1	9.7	9.3	9.4	9.8	10.7	10.6	10.4	9.9	10.3
94°	9.1	8.8	8.5	8.3	8.3	8.5	9.3	9.1	9.0	8.9	9.0
95°	8.1	7.9	7.6	7.4	7.5	7.7	8.3	8.1	8.0	7.9	8.0
96°	7.6	7.3	7.0	6.8	6.9	7.1	7.7	7.6	7.3	7.1	7.3
97°	7.2	7.0	6.7	6.5	6.6	6.8	7.4	7.2	6.9	6.7	6.9
98°	6.8	6.7	6.4	6.2	6.3	6.5	7.0	6.8	6.6	6.4	6.6
99°	6.5	6.4	6.1	5.9	6.0	6.2	6.7	6.5	6.3	6.1	6.3
100°	6.2	6.1	5.8	5.7	5.7	5.9	6.4	6.3	6.0	5.9	6.0
101°	5.9	5.8	5.6	5.4	5.5	5.7	6.1	6.0	5.8	5.6	5.8
102°	5.7	5.6	5.4	5.2	5.3	5.4	5.9	5.8	5.6	5.4	5.5
103°	5.4	5.4	5.2	5.0	5.1	5.2	5.7	5.5	5.4	5.2	5.3
104°	5.2	5.1	5.0	4.8	4.9	5.0	5.4	5.3	5.1	5.0	5.1
105°	5.0	5.0	4.8	4.7	4.7	4.8	5.2	5.1	5.0	4.8	4.9
106°	4.8	4.8	4.6	4.5	4.5	4.7	5.0	5.0	4.8	4.7	4.8
107°	4.7	4.6	4.4	4.3	4.4	4.5	4.9	4.8	4.6	4.5	4.6
108°	4.5	4.4	4.3	4.2	4.2	4.4	4.7	4.6	4.5	4.4	4.4
109°	4.3	4.3	4.2	4.1	4.1	4.2	4.6	4.5	4.3	4.2	4.3
110°	4.2	4.2	4.0	3.9	4.0	4.1	4.4	4.3	4.2	4.1	4.2
111°	4.1	4.0	3.9	3.8	3.9	4.0	4.3	4.2	4.1	4.0	4.1
112°	3.9	3.9	3.8	3.7	3.8	3.9	4.1	4.1	4.0	3.9	3.9
113°	3.8	3.8	3.7	3.6	3.7	3.8	4.0	4.0	3.8	3.8	3.8
114°	3.7	3.7	3.6	3.5	3.6	3.7	3.9	3.9	3.7	3.7	3.7
115°	3.6	3.6	3.5	3.4	3.5	3.6	3.8	3.7	3.6	3.6	3.6
116°	3.5	3.5	3.4	3.4	3.4	3.5	3.7	3.7	3.6	3.5	3.6
117°	3.4	3.4	3.3	3.3	3.3	3.4	3.6	3.6	3.5	3.4	3.5
118°	3.4	3.3	3.3	3.2	3.2	3.3	3.5	3.5	3.4	3.4	3.4
119°	3.3	3.3	3.2	3.2	3.2	3.2	3.4	3.4	3.3	3.3	3.3
120°	3.2	3.2	3.1	3.1	3.1	3.2	3.4	3.3	3.3	3.2	3.3
121°	3.1	3.1	3.1	3.0	3.1	3.1	3.3	3.3	3.2	3.2	3.2
122°	3.1	3.1	3.0	3.0	3.0	3.0	3.2	3.2	3.1	3.1	3.2
123°	3.0	3.0	3.0	2.9	3.0	3.0	3.2	3.1	3.1	3.1	3.1
124°	3.0	3.0	2.9	2.9	2.9	2.9	3.1	3.1	3.0	3.0	3.1
125°	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
126°	2.9	2.9	2.8	2.8	2.8	2.8	3.0	3.0	3.0	3.0	3.0
127°	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9
128°	2.8	2.8	2.7	2.8	2.7	2.7	2.9	2.9	2.9	2.9	2.9
129°	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.8	2.8	2.9	2.9
130°	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
131°	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.8	2.8	2.8	2.8
132°	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8
133°	2.6	2.6	2.6	2.6	2.6	2.5	2.7	2.7	2.7	2.7	2.7
134°	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.6
136°	2.4	2.4	2.4	2.5	2.4	2.4	2.5	2.5	2.6	2.6	2.6
137°	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6
138°	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.5	2.5	2.5	2.5
139°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
140°	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
141°	2.2	2.2	2.2	2.3	2.2	2.2	2.3	2.3	2.4	2.4	2.4
142°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
143°	2.1	2.1	2.2	2.2	2.2	2.1	2.2	2.2	2.3	2.3	2.3
144°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3
145°	2.1	2.1	2.1	2.1	2.1	2.0	2.2	2.2	2.2	2.2	2.2
146°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2
147°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1
148°	1.9	1.9	2.0	2.0	1.9	1.9	2.0	2.0	2.1	2.1	2.1
149°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
150°	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.0	2.0	2.0	2.0
151°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
152°	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
153°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9
154°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
155°	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8
156°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
157°	1.6	1.6	1.6	1.5	1.5	1.6	1.7	1.7	1.7	1.6	1.7
158°	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
159°	1.5	1.5	1.5	1.5	1.4	1.5	1.6	1.6	1.6	1.5	1.6
160°	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
161°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4
162°	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
163°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3
164°	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
165°	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2
166°	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
167°	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1
168°	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
169°	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0
170°	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0
171°	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
172°	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9
173°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
174°	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
175°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
176°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
177°	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7
178°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
179°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
4°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3
5°	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.6	0.6
6°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9
7°	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.2	1.2	1.3	1.4
8°	1.5	1.5	1.6	1.7	1.7	1.8	2.0	2.2	2.5	3.2	3.5
9°	3.7	3.5	3.5	3.9	4.3	4.6	4.2	4.6	4.7	5.3	6.1
10°	6.1	6.1	6.1	6.4	7.0	7.0	7.2	7.6	8.1	8.7	9.6
11°	12.4	12.5	11.8	12.4	13.1	13.0	12.9	12.8	14.2	15.1	16.1
12°	18.8	19.0	17.5	18.4	19.2	19.2	18.7	20.5	40.5	47.3	50.5
13°	25.3	26.4	27.2	29.0	31.0	30.8	31.8	60.6	67.3	80.3	85.3
14°	54.4	77.1	77.9	83.5	86.9	85.7	79.8	100.9	94.1	113.2	120.1
15°	104.3	127.8	128.6	137.9	142.8	140.5	127.7	141.3	143.0	167.8	180.6
16°	154.3	178.5	179.2	191.8	198.6	194.9	175.7	194.4	188.0	197.8	225.6
17°	204.2	227.3	229.2	226.9	248.0	228.6	222.6	234.7	229.0	230.7	251.5
18°	237.1	265.1	265.4	249.2	276.1	247.2	246.7	265.5	265.8	265.4	269.8
19°	262.2	292.3	295.4	276.7	293.0	270.5	278.6	297.8	297.7	293.5	284.2
20°	304.1	336.5	339.3	317.7	307.6	298.0	315.9	328.1	327.4	318.5	298.9
21°	332.3	366.4	369.7	344.0	323.1	316.5	339.7	354.6	370.1	345.8	319.7
22°	351.7	389.3	395.5	369.6	346.8	338.7	366.9	400.3	413.1	406.2	377.4
23°	385.3	426.7	437.5	418.5	389.6	382.4	418.5	446.4	456.1	466.6	435.8
24°	443.9	491.0	503.6	486.3	452.8	451.9	491.4	510.6	514.9	535.7	494.1
25°	512.5	569.3	577.0	563.3	523.9	536.3	561.1	582.2	573.4	582.9	544.4
26°	568.0	631.7	630.8	604.3	580.6	597.8	612.3	646.7	629.9	613.7	587.6
27°	612.1	689.1	679.9	636.6	631.4	649.7	646.1	712.0	669.8	647.6	632.0
28°	656.0	754.5	716.6	668.5	670.7	684.6	684.3	773.9	709.0	681.6	662.1
29°	705.3	810.2	755.2	706.8	700.3	709.4	728.2	823.4	750.1	715.7	683.7
30°	749.5	851.0	798.2	746.5	721.8	728.3	763.7	855.8	789.8	748.4	700.9
31°	783.2	885.7	837.0	771.3	739.5	745.8	797.0	885.5	813.2	768.7	714.0
32°	819.4	919.0	864.4	788.1	751.5	758.3	827.5	917.7	833.3	781.3	723.6
33°	845.8	949.2	893.2	802.1	763.0	766.1	845.5	945.8	859.0	793.4	732.8
34°	862.6	966.9	916.3	815.2	772.5	772.5	858.6	962.1	882.7	806.5	741.4
35°	876.8	980.0	931.9	828.5	780.3	779.3	873.2	977.3	900.5	819.3	748.4
36°	892.1	994.6	948.5	839.8	785.0	786.2	885.8	989.7	916.8	830.8	751.6
37°	904.8	1010.8	962.5	849.3	787.7	789.2	894.6	1003.2	927.4	838.3	751.0
38°	912.4	1020.0	973.3	857.7	784.0	789.2	900.5	1011.9	933.6	841.1	745.9
39°	916.2	1023.0	976.8	859.6	776.7	787.5	903.9	1014.3	936.8	842.1	741.3
40°	921.7	1023.2	980.9	861.5	770.2	786.9	907.3	1014.3	939.6	843.6	737.2
41°	928.6	1024.0	984.7	864.1	766.1	785.0	910.6	1013.3	940.0	844.9	732.5
42°	931.6	1023.3	987.3	863.9	760.6	780.1	910.1	1009.6	937.2	843.3	725.3
43°	927.5	1020.3	980.8	858.3	751.4	771.3	903.1	1002.4	927.9	836.9	711.7
44°	916.3	1011.3	968.2	844.3	733.4	753.8	889.3	991.0	912.7	822.0	691.3

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	898.5	992.0	946.5	822.7	708.1	729.4	870.4	974.2	893.7	800.7	667.3
46°	878.8	968.6	923.8	797.6	678.6	703.4	850.9	954.1	874.3	776.9	637.9
47°	861.8	946.0	904.0	771.5	648.0	675.8	829.0	927.0	850.7	748.8	603.7
48°	841.6	921.5	879.5	743.4	618.1	646.7	802.2	896.0	825.5	720.6	570.1
49°	814.2	890.2	850.8	716.1	588.3	613.8	770.9	861.6	793.5	691.5	539.1
50°	781.7	851.3	816.5	682.2	550.1	579.4	741.7	827.2	761.2	661.0	507.8
51°	745.5	811.0	779.7	649.0	512.7	545.5	710.8	790.0	728.1	635.2	477.4
52°	714.0	775.6	745.3	622.0	480.4	517.1	679.3	752.2	696.8	609.6	446.2
53°	684.0	741.5	712.3	595.7	452.2	490.3	651.6	716.6	662.6	584.0	416.9
54°	650.8	704.0	677.2	568.3	419.9	463.2	623.2	679.7	628.4	555.8	387.5
55°	618.0	665.1	642.0	538.8	387.4	437.6	593.1	641.5	595.1	525.8	359.1
56°	584.9	626.8	606.5	507.6	355.1	413.3	561.7	599.5	559.6	493.9	331.6
57°	551.2	589.1	571.3	475.5	330.4	388.4	528.8	559.2	524.9	460.6	306.8
58°	516.8	550.9	535.8	443.3	307.0	363.6	496.0	520.9	490.2	428.4	285.4
59°	481.3	515.4	500.4	413.8	287.4	338.7	465.3	485.0	457.5	400.1	267.7
60°	448.0	481.6	468.3	384.4	269.3	315.5	436.1	451.7	427.5	372.5	251.5
61°	417.4	449.7	438.0	355.0	253.2	294.0	408.1	421.5	399.5	345.7	236.9
62°	387.2	417.7	409.2	330.2	238.3	274.6	380.2	392.6	372.2	320.1	223.3
63°	357.0	388.0	380.4	305.6	223.6	256.4	352.3	365.2	346.0	296.9	210.4
64°	331.0	358.4	351.7	283.2	210.0	239.2	327.0	339.9	321.7	274.6	197.7
65°	306.7	332.5	326.7	263.2	197.1	223.1	304.1	316.7	299.7	254.3	185.8
66°	284.5	308.6	303.4	244.5	184.6	208.5	283.1	294.7	279.3	235.7	174.4
67°	264.8	286.8	281.4	227.0	173.4	195.0	263.2	274.0	259.5	218.6	163.9
68°	245.9	267.0	261.3	211.0	162.2	182.3	244.1	254.3	240.7	201.9	153.4
69°	228.7	248.3	243.0	196.1	151.9	170.1	226.9	236.6	223.3	185.9	142.9
70°	212.6	230.5	225.4	182.2	142.0	159.3	210.8	219.6	207.3	171.9	133.6
71°	197.2	214.1	209.3	169.5	133.0	149.3	195.9	203.7	192.0	159.9	124.8
72°	183.1	198.7	193.6	157.5	124.4	140.3	182.2	188.1	177.7	148.0	117.0
73°	169.7	183.0	178.3	145.8	116.4	131.4	168.9	173.8	165.0	136.0	109.3
74°	157.5	168.9	165.0	135.5	108.8	122.7	156.6	160.9	152.3	126.0	102.5
75°	145.9	155.6	152.0	125.9	101.5	114.9	145.0	148.0	139.5	116.6	95.5
76°	134.6	142.9	139.4	116.7	94.0	106.7	133.5	135.1	128.4	107.0	88.4
77°	122.5	130.3	127.2	107.0	86.2	98.0	121.4	123.4	116.8	96.3	80.1
78°	110.5	117.6	115.0	97.0	77.9	87.6	109.0	111.5	105.4	86.3	71.7
79°	99.0	105.8	103.6	87.2	69.8	78.5	97.7	100.0	94.3	76.7	63.6
80°	87.3	93.8	92.0	77.2	61.9	69.3	86.6	88.6	83.6	67.8	55.7
81°	76.7	82.6	81.0	67.8	54.2	61.1	76.0	77.6	73.4	59.3	48.5
82°	66.8	71.8	70.9	59.4	46.8	53.1	66.0	66.9	63.7	51.4	41.4
83°	58.2	62.6	61.6	51.8	41.4	45.9	56.9	57.8	55.0	44.5	36.1
84°	50.3	54.2	53.3	44.8	36.0	40.5	49.2	49.6	47.3	38.7	31.5
85°	43.2	46.3	45.6	39.1	30.6	35.1	42.7	42.4	40.7	33.3	27.2
86°	37.1	39.7	39.1	33.4	26.4	29.8	36.1	35.7	34.5	28.3	23.4
87°	30.9	33.1	32.6	27.8	22.4	25.2	29.6	29.6	28.7	23.9	19.9
88°	24.8	26.6	26.2	23.1	19.0	21.1	24.2	24.2	23.3	19.9	17.5
89°	20.3	21.7	21.2	19.2	16.1	17.9	19.8	19.8	19.1	17.6	15.2

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	17.3	18.4	18.1	16.6	14.3	15.6	16.8	17.3	16.8	15.3	12.9
91°	14.8	15.8	15.6	14.5	12.8	13.7	14.5	14.9	14.5	12.9	11.5
92°	12.8	13.6	13.5	12.7	11.6	12.1	12.5	12.4	12.2	11.3	10.4
93°	11.0	11.7	11.7	11.2	10.5	10.7	10.8	10.6	10.4	9.9	9.4
94°	9.4	10.0	10.0	9.8	9.5	9.4	9.2	9.2	9.0	8.6	8.4
95°	8.2	8.8	8.8	8.7	8.5	8.4	8.0	8.1	7.9	7.6	7.5
96°	7.5	8.1	8.0	7.8	7.6	7.6	7.3	7.4	7.2	6.9	6.8
97°	7.1	7.6	7.5	7.3	7.1	7.0	6.9	7.0	6.8	6.5	6.4
98°	6.8	7.3	7.1	7.0	6.7	6.7	6.6	6.7	6.5	6.2	6.1
99°	6.5	6.9	6.8	6.6	6.4	6.4	6.3	6.3	6.2	5.9	5.8
100°	6.2	6.6	6.5	6.3	6.1	6.1	6.0	6.0	5.9	5.7	5.6
101°	6.0	6.3	6.2	6.1	5.9	5.8	5.8	5.8	5.6	5.4	5.3
102°	5.7	6.1	6.0	5.8	5.6	5.6	5.6	5.5	5.4	5.2	5.1
103°	5.5	5.8	5.7	5.6	5.4	5.4	5.4	5.3	5.2	5.0	4.9
104°	5.3	5.6	5.5	5.4	5.2	5.2	5.2	5.1	5.0	4.8	4.7
105°	5.1	5.4	5.3	5.2	5.0	5.0	5.0	4.9	4.8	4.6	4.5
106°	4.9	5.2	5.1	5.0	4.8	4.8	4.8	4.7	4.6	4.5	4.4
107°	4.8	5.0	4.9	4.8	4.6	4.6	4.6	4.5	4.5	4.3	4.2
108°	4.6	4.8	4.8	4.6	4.5	4.4	4.5	4.4	4.3	4.2	4.1
109°	4.5	4.6	4.6	4.5	4.3	4.3	4.3	4.2	4.2	4.0	4.0
110°	4.3	4.5	4.5	4.3	4.2	4.1	4.2	4.1	4.0	3.9	3.8
111°	4.2	4.3	4.3	4.2	4.0	4.0	4.1	4.0	3.9	3.8	3.7
112°	4.1	4.2	4.2	4.1	3.9	3.9	4.0	3.8	3.8	3.7	3.6
113°	4.0	4.1	4.1	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.5
114°	3.9	4.0	3.9	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.4
115°	3.8	3.9	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.4
116°	3.7	3.8	3.7	3.6	3.5	3.5	3.6	3.4	3.4	3.3	3.3
117°	3.6	3.7	3.6	3.5	3.4	3.4	3.5	3.4	3.3	3.2	3.2
118°	3.5	3.6	3.5	3.5	3.3	3.3	3.4	3.3	3.2	3.2	3.1
119°	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.1	3.1	3.1
120°	3.3	3.4	3.4	3.3	3.2	3.2	3.3	3.1	3.1	3.0	3.0
121°	3.3	3.3	3.3	3.2	3.1	3.1	3.2	3.1	3.0	3.0	3.0
122°	3.2	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9
123°	3.1	3.2	3.2	3.1	3.0	3.0	3.1	2.9	2.9	2.9	2.9
124°	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.8
125°	3.1	3.1	3.1	3.0	2.9	2.9	3.0	2.8	2.8	2.8	2.8
126°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.7
127°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.7	2.7	2.7	2.7
128°	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7
129°	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.6
130°	2.8	2.8	2.9	2.8	2.7	2.8	2.8	2.6	2.6	2.6	2.6
131°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6
132°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.5	2.5	2.5	2.5
133°	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.5
134°	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.5

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.4	2.4	2.4
136°	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4
137°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.3
138°	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3
139°	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
140°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.2
141°	2.4	2.3	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
142°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	2.1	2.1	2.1
143°	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
144°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0
145°	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.0	2.0	2.0	2.0
146°	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9
147°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.9	1.9	1.9
148°	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
149°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8
150°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
151°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7
152°	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7
153°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6
154°	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.6	1.6
155°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
156°	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.5	1.5
157°	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
158°	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.5	1.4	1.4
159°	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
160°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3
161°	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.3
162°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2
163°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
164°	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.1	1.2
165°	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
166°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.1
167°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
168°	1.1	1.1	1.2	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0
169°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
170°	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0
171°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
172°	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
173°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
174°	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
176°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
177°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
178°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7
179°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	0.0	0.0	0.0
1°	0.0	0.0	0.0
2°	0.0	0.0	0.0
3°	0.1	0.1	0.1
4°	0.3	0.3	0.3
5°	0.7	0.7	0.8
6°	1.1	1.1	1.1
7°	1.5	1.6	1.5
8°	3.7	3.5	3.3
9°	6.1	6.0	6.0
10°	9.9	10.2	10.0
11°	17.4	17.6	17.0
12°	51.9	49.8	46.6
13°	87.1	82.4	76.8
14°	122.2	115.1	107.1
15°	179.2	174.2	169.3
16°	213.8	219.8	213.4
17°	236.6	259.5	253.9
18°	265.1	302.3	297.1
19°	285.3	322.3	318.1
20°	308.4	347.1	344.8
21°	343.5	392.8	393.4
22°	399.3	439.2	442.3
23°	455.2	487.6	490.5
24°	511.1	548.5	555.7
25°	577.2	610.9	619.9
26°	637.3	663.8	688.0
27°	672.7	717.9	758.0
28°	698.7	764.4	810.1
29°	720.5	798.6	844.5
30°	737.8	828.9	877.7
31°	751.5	860.8	906.1
32°	763.7	885.1	925.2
33°	778.3	905.9	940.7
34°	792.6	923.7	955.4
35°	801.5	936.6	967.3
36°	808.8	944.6	976.4
37°	813.4	951.7	984.6
38°	815.7	954.6	987.9
39°	816.8	955.5	986.1
40°	815.7	955.8	983.6
41°	811.8	953.8	978.8
42°	802.5	947.4	974.8
43°	790.9	940.7	967.8
44°	775.4	928.6	954.6

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	758.2	911.3	934.8
46°	733.4	885.3	907.5
47°	700.2	850.7	871.8
48°	662.1	813.3	837.8
49°	628.8	784.7	808.2
50°	598.6	752.8	774.8
51°	563.3	716.1	738.7
52°	530.3	679.8	703.1
53°	500.1	647.1	666.8
54°	470.4	609.7	628.5
55°	441.3	571.0	589.0
56°	411.4	533.2	551.1
57°	381.9	496.9	514.0
58°	354.7	462.2	480.1
59°	329.8	429.1	447.6
60°	307.0	398.7	416.2
61°	287.4	371.0	387.7
62°	270.0	346.0	361.9
63°	252.7	323.0	338.1
64°	236.8	301.5	315.2
65°	222.2	281.6	293.7
66°	208.9	262.7	273.5
67°	196.0	244.9	254.5
68°	183.5	227.5	236.8
69°	171.4	211.2	219.1
70°	160.9	196.0	203.1
71°	150.3	181.6	188.0
72°	139.8	167.6	174.0
73°	130.6	155.6	161.0
74°	122.2	143.5	148.1
75°	113.4	131.9	135.2
76°	104.7	120.2	123.8
77°	95.3	109.0	112.1
78°	85.9	97.7	100.5
79°	76.3	86.9	89.4
80°	67.2	76.4	79.0
81°	58.7	66.6	68.5
82°	50.7	57.8	59.6
83°	44.2	50.0	51.8
84°	38.4	43.2	44.8
85°	33.1	36.8	38.3
86°	28.1	31.1	32.2
87°	23.4	25.9	26.9
88°	19.6	21.3	22.2
89°	17.3	18.0	18.8

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	15.1	15.7	16.4
91°	12.8	13.4	14.0
92°	11.3	11.5	12.1
93°	9.9	9.9	10.4
94°	8.6	8.6	9.1
95°	7.7	7.7	8.1
96°	6.9	7.1	7.6
97°	6.6	6.8	7.2
98°	6.3	6.4	6.8
99°	6.0	6.2	6.5
100°	5.7	5.9	6.2
101°	5.5	5.6	5.9
102°	5.2	5.4	5.7
103°	5.0	5.2	5.4
104°	4.8	5.0	5.2
105°	4.6	4.8	5.0
106°	4.5	4.6	4.8
107°	4.3	4.5	4.7
108°	4.2	4.3	4.5
109°	4.0	4.2	4.3
110°	3.9	4.1	4.2
111°	3.8	4.0	4.1
112°	3.7	3.8	3.9
113°	3.6	3.7	3.8
114°	3.5	3.6	3.7
115°	3.4	3.5	3.6
116°	3.3	3.4	3.5
117°	3.2	3.4	3.4
118°	3.2	3.3	3.4
119°	3.1	3.2	3.3
120°	3.0	3.2	3.2
121°	3.0	3.1	3.1
122°	2.9	3.0	3.1
123°	2.9	3.0	3.0
124°	2.8	2.9	3.0
125°	2.8	2.9	2.9
126°	2.7	2.8	2.9
127°	2.7	2.8	2.8
128°	2.7	2.7	2.8
129°	2.6	2.7	2.7
130°	2.6	2.7	2.7
131°	2.5	2.6	2.6
132°	2.5	2.6	2.6
133°	2.5	2.5	2.6
134°	2.4	2.5	2.5

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	2.4	2.5	2.5
136°	2.4	2.4	2.4
137°	2.3	2.4	2.4
138°	2.3	2.3	2.4
139°	2.2	2.3	2.3
140°	2.2	2.2	2.3
141°	2.2	2.2	2.2
142°	2.1	2.2	2.2
143°	2.1	2.1	2.1
144°	2.0	2.1	2.1
145°	2.0	2.0	2.1
146°	1.9	2.0	2.0
147°	1.9	1.9	2.0
148°	1.8	1.9	1.9
149°	1.8	1.9	1.9
150°	1.8	1.8	1.9
151°	1.7	1.8	1.8
152°	1.7	1.7	1.8
153°	1.6	1.7	1.7
154°	1.6	1.7	1.7
155°	1.6	1.6	1.7
156°	1.5	1.6	1.6
157°	1.5	1.5	1.6
158°	1.4	1.5	1.6
159°	1.4	1.5	1.5
160°	1.4	1.4	1.5
161°	1.3	1.4	1.4
162°	1.3	1.4	1.4
163°	1.2	1.3	1.4
164°	1.2	1.3	1.3
165°	1.2	1.2	1.3
166°	1.1	1.2	1.2
167°	1.1	1.2	1.2
168°	1.1	1.1	1.2
169°	1.0	1.1	1.1
170°	1.0	1.0	1.1
171°	1.0	1.0	1.0
172°	0.9	1.0	1.0
173°	0.9	0.9	0.9
174°	0.9	0.9	0.9
175°	0.8	0.9	0.9
176°	0.8	0.8	0.8
177°	0.8	0.8	0.8
178°	0.7	0.7	0.7
179°	0.7	0.7	0.7

REPORT NUMBER: P1192974
CATALOG NUMBER: BOLR42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.7	0.7	0.7

(END OF REPORT)