

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: P1192945

Luminaire Tested: BOLY42-25S-BZ-20W-5000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192945
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: BOLY42-25S-BZ-20W-5000K
Description: Y-Shaped bollard, 42" length, 20W, BZ at 5000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

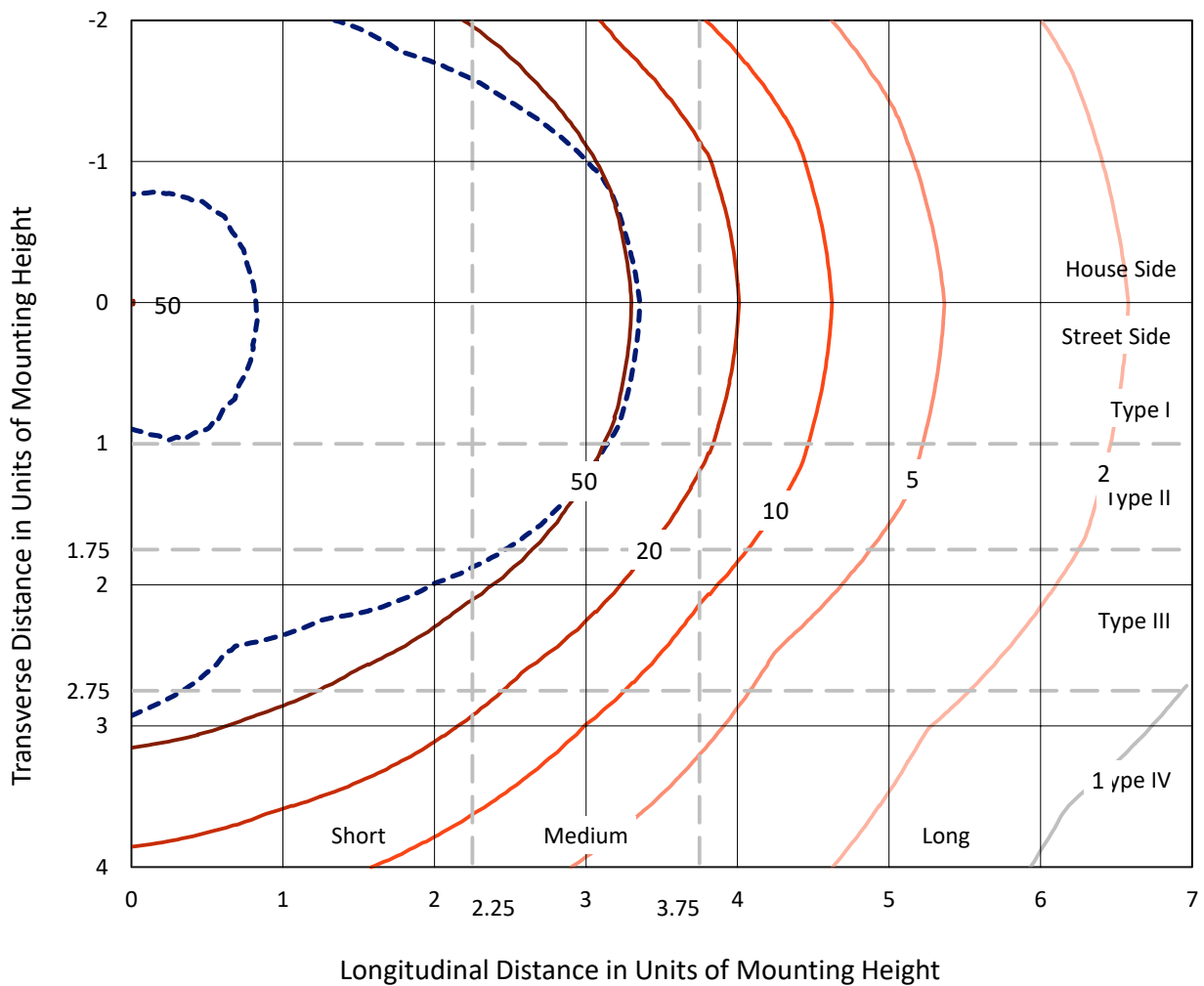
Lumens per Lamp: 1889.2 (1 lamp)
Luminaire Lumens: 2699.7 lumens
Efficiency: 142.9%
Efficacy: 134.3 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type III - Short - Cutoff
BUG Rating: B1 - U2 - G1

Input Watts (W): 20.1
Input Voltage (V): 122
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: >0.9
Total Harmonic Distortion (THDi): <20
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Iso-Footcandle Lines of Horizontal Illumination

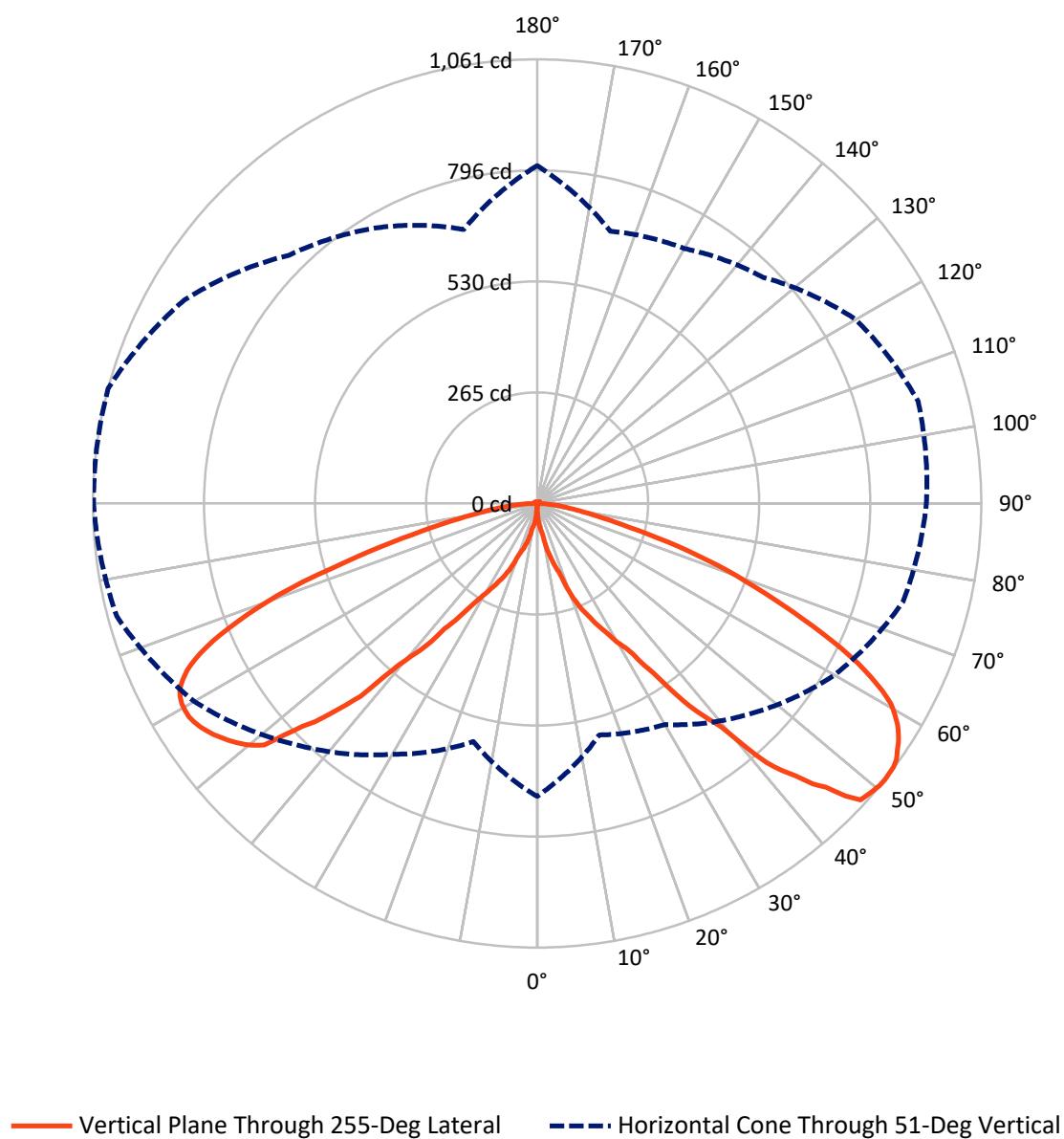
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1062.5 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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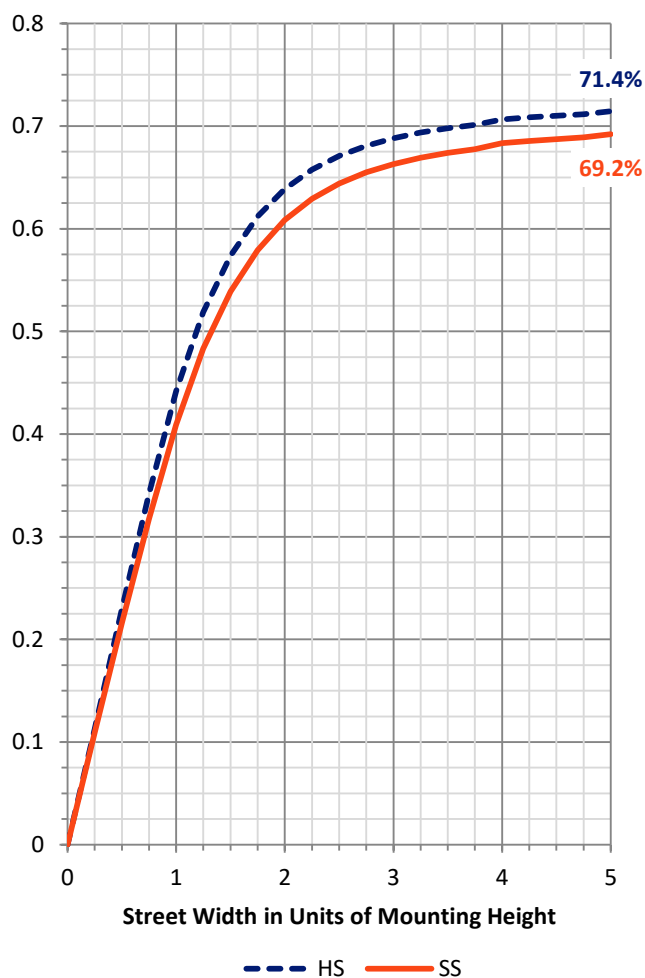
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1358.4	12.0	1370.5
	% Lamp	71.9	0.6	72.5
Street Side	Lumens	1317.7	11.6	1329.2
	% Lamp	69.7	0.6	70.4
Total	Lumens	2676.1	23.6	2699.7
	% Lamp	141.7	1.2	142.9

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	4.3	0.2	0.2
10°-20°	33.6	1.2	1.8
20°-30°	109.1	4.0	5.8
30°-40°	250.5	9.3	13.3
40°-50°	535.8	19.8	28.4
50°-60°	733.3	27.2	38.8
60°-70°	660.3	24.5	35.0
70°-80°	293.1	10.9	15.5
80°-90°	56.1	2.1	3.0
90°-100°	5.3	0.2	0.3
100°-110°	4.9	0.2	0.3
110°-120°	5.0	0.2	0.3
120°-130°	4.8	0.2	0.3
130°-140°	2.6	0.1	0.1
140°-150°	0.7	0.0	0.0
150°-160°	0.3	0.0	0.0
160°-170°	0.1	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	2676.1	99.1	141.7
0°-180°	2699.7	100.0	142.9

Coefficient of Utilization



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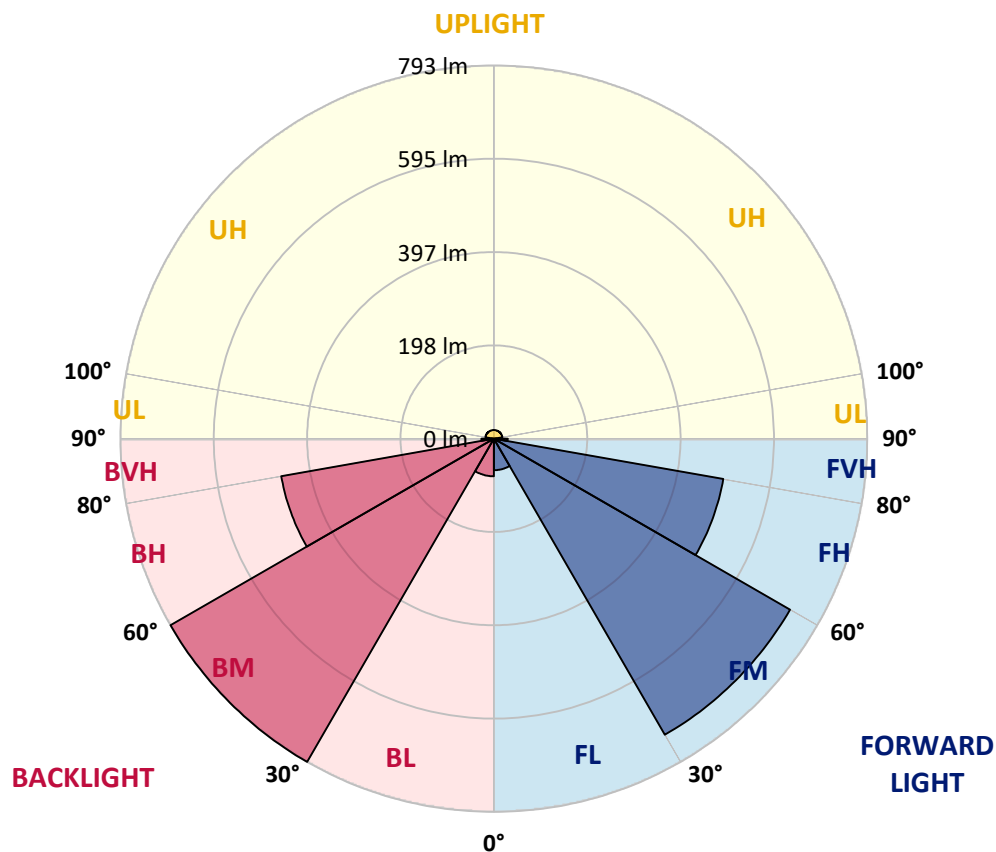
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	67.0	3.5			
FM	(30°-60°)	726.5	38.5			
FH	(60°-80°)	494.7	26.2			G0/660
FVH	(80°-90°)	29.4	1.6			G1/100
BL	(0°-30°)	79.9	4.2	B0/110		
BM	(30°-60°)	793.1	42.0	B1/1000		
BH	(60°-80°)	458.7	24.3	B1/500		G1/500
BVH	(80°-90°)	26.7	1.4			G1/100
UL	(90°-100°)	5.3	0.3		U1/10	
UH	(100°-180°)	18.3	1.0		U2/50	
Trapped Light		-810.5	-42.9			

BUG Rating: B1-U2-G1

Type III Short



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CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
1°	7.0	6.8	6.4	5.7	5.2	5.2	4.9	5.0	5.5	5.9	6.3
2°	7.7	7.3	7.1	6.9	6.3	6.0	5.6	5.9	10.6	10.9	7.7
3°	17.8	14.9	8.4	7.7	7.6	7.7	8.5	11.1	15.8	15.9	9.1
4°	27.9	23.4	18.5	20.0	16.9	16.7	11.7	16.5	21.1	20.9	24.3
5°	38.0	31.8	28.8	27.3	26.4	25.7	29.2	31.0	30.0	28.0	32.9
6°	42.4	40.2	39.1	34.4	35.9	34.7	38.9	39.3	36.9	37.0	38.2
7°	45.8	43.8	42.9	41.5	39.6	43.7	45.1	44.6	42.9	40.4	43.6
8°	49.6	48.2	47.4	45.1	43.1	47.4	50.4	49.5	48.2	45.7	48.3
9°	53.6	50.7	49.5	48.3	45.6	50.1	55.1	52.5	51.6	48.8	52.1
10°	56.6	53.7	53.1	51.0	50.1	54.2	60.1	57.1	54.7	50.9	57.0
11°	62.0	58.0	56.3	53.8	53.7	58.2	63.6	60.5	59.0	56.1	62.6
12°	73.5	66.1	64.1	60.4	59.9	63.6	67.2	65.9	65.9	61.2	74.2
13°	82.5	74.2	73.7	75.5	74.3	76.4	77.7	78.9	81.1	78.8	87.7
14°	90.7	81.1	79.7	82.5	84.4	86.0	87.2	91.0	90.8	86.1	96.7
15°	97.1	90.3	85.7	87.6	91.5	95.7	97.2	100.1	101.6	96.1	106.4
16°	106.5	96.4	91.5	94.2	97.2	101.7	107.0	110.6	109.4	103.1	116.0
17°	112.4	103.6	95.9	99.4	104.6	111.0	111.8	118.1	116.8	112.9	123.9
18°	118.7	109.9	103.4	106.0	110.7	115.9	120.9	125.7	125.0	122.5	131.8
19°	126.8	116.0	109.2	110.9	116.9	122.8	130.4	133.2	133.3	132.1	139.9
20°	136.0	122.4	115.0	119.1	126.2	128.7	139.8	140.9	141.9	141.8	154.2
21°	146.4	131.8	129.2	131.6	140.0	141.1	149.3	159.2	161.3	166.3	175.4
22°	158.8	141.1	137.3	142.3	152.4	156.7	163.4	174.8	179.0	180.3	191.0
23°	169.3	150.5	146.3	151.7	161.2	170.3	175.8	184.6	193.8	193.2	205.4
24°	177.9	159.9	155.9	161.6	170.3	180.0	186.6	201.5	205.6	206.8	217.7
25°	186.2	166.3	165.0	170.8	180.0	192.0	198.4	213.0	218.2	219.9	227.4
26°	196.0	173.5	171.7	180.0	190.0	201.3	210.1	223.2	230.2	231.9	239.5
27°	207.2	183.4	179.8	189.9	201.1	210.9	221.2	234.6	241.0	243.1	251.0
28°	216.7	195.8	193.9	202.4	209.5	223.1	232.6	245.0	253.6	256.1	262.5
29°	227.2	202.8	204.3	214.0	219.0	233.2	243.7	255.2	268.2	269.2	272.3
30°	237.6	212.2	211.9	223.5	231.1	243.7	256.2	267.7	279.6	284.2	284.4
31°	246.5	220.6	219.8	233.5	242.5	255.3	268.6	279.3	292.8	297.3	293.7
32°	259.7	233.1	228.7	244.1	251.6	270.1	284.7	296.1	303.7	309.6	310.3
33°	274.0	245.8	242.1	259.2	261.1	285.3	307.2	311.9	314.9	329.2	326.4
34°	289.3	256.6	251.3	272.7	276.3	307.1	325.6	331.0	327.9	343.4	345.0
35°	312.8	269.9	269.7	289.8	288.4	329.2	342.2	353.4	343.2	360.4	356.0
36°	336.5	296.5	279.2	298.4	320.5	351.2	370.9	377.4	362.6	372.3	379.1
37°	360.2	311.7	302.2	324.9	352.8	371.8	407.8	416.8	394.1	404.4	416.3
38°	372.2	326.5	325.6	351.9	385.2	415.1	453.5	463.1	449.2	441.5	449.3
39°	402.3	343.9	349.1	363.8	409.5	447.8	482.2	493.0	473.7	453.4	462.5
40°	431.8	365.1	374.2	376.3	425.2	472.1	533.8	531.4	499.0	465.9	494.9
41°	466.4	387.9	389.9	403.1	460.3	506.0	552.3	559.6	542.1	493.1	505.7
42°	511.2	410.2	410.5	438.2	501.6	553.2	602.7	600.2	588.1	529.1	532.5
43°	539.1	444.6	454.9	487.7	552.1	624.7	668.8	671.0	643.8	577.7	577.2
44°	569.0	471.4	468.6	519.1	588.9	662.7	702.7	705.2	675.9	608.3	591.0

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CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	597.5	495.4	480.0	535.9	622.1	703.9	744.5	752.0	706.1	625.2	601.7
46°	624.4	509.0	490.9	562.6	660.9	743.3	776.9	787.3	744.0	656.3	611.5
47°	653.8	520.5	513.6	591.0	693.8	773.4	808.9	816.2	766.8	683.3	633.6
48°	667.8	538.4	548.1	624.6	735.5	817.9	848.2	859.7	811.2	727.0	673.4
49°	678.3	556.7	581.7	672.6	783.8	870.4	895.4	911.2	852.5	756.6	697.2
50°	688.5	565.6	596.2	693.0	802.0	889.4	917.1	930.5	866.3	760.9	701.6
51°	699.7	572.5	609.7	712.5	819.8	904.8	929.7	942.1	878.7	763.6	703.2
52°	710.2	581.2	622.6	727.2	835.6	917.6	941.3	954.3	887.6	765.8	704.7
53°	718.4	589.6	632.0	734.2	850.5	929.0	951.6	965.7	892.4	770.9	705.5
54°	726.1	596.6	642.0	740.8	864.0	939.7	962.1	973.3	897.1	779.9	706.7
55°	733.6	602.1	651.6	748.2	874.8	950.3	969.4	980.3	901.8	786.6	708.3
56°	738.3	607.0	661.8	756.1	884.1	958.2	975.2	985.6	904.7	790.8	709.8
57°	740.2	608.5	668.7	763.5	895.1	965.8	980.2	988.8	905.0	791.3	708.1
58°	743.0	607.1	673.7	770.7	905.6	971.5	983.1	988.4	901.0	785.4	704.0
59°	744.6	603.8	676.2	778.3	913.0	975.2	982.3	986.6	897.0	775.3	693.2
60°	739.6	599.5	673.9	783.0	915.9	975.5	980.5	982.6	889.8	763.4	669.9
61°	731.6	593.2	670.9	784.9	919.6	974.6	976.1	974.6	877.4	747.8	644.2
62°	722.7	587.9	666.8	782.7	919.2	970.2	969.4	961.1	861.7	726.2	638.4
63°	712.4	581.5	657.9	776.0	912.3	962.1	954.8	943.4	844.0	701.8	617.1
64°	700.5	574.5	644.7	759.8	902.7	946.7	936.8	923.4	822.3	674.2	589.8
65°	684.8	562.9	624.6	736.8	886.9	925.9	910.5	897.2	792.2	642.8	557.5
66°	668.3	547.3	597.9	707.2	861.5	898.2	880.6	866.2	750.4	604.6	526.2
67°	646.5	525.7	562.5	675.3	828.5	862.6	842.4	828.1	703.2	559.1	494.1
68°	615.3	501.8	525.7	635.2	780.4	818.9	800.4	782.5	648.0	508.8	463.1
69°	575.3	479.8	486.4	581.7	717.7	767.1	755.9	730.4	591.2	459.6	433.1
70°	534.0	457.7	444.7	521.4	647.4	713.9	703.9	671.8	533.7	416.4	403.8
71°	497.7	431.6	410.8	462.6	577.9	656.8	646.8	611.7	481.2	379.9	372.2
72°	466.8	403.2	377.8	411.7	511.3	590.2	583.9	550.3	430.9	342.0	335.3
73°	429.5	367.1	346.2	362.4	448.2	513.4	519.0	487.5	383.4	304.1	298.4
74°	378.1	325.4	312.9	310.6	387.5	447.5	456.9	433.2	329.0	266.4	261.5
75°	333.4	283.8	278.7	266.3	322.8	388.6	402.0	377.0	274.6	236.4	231.9
76°	294.9	248.9	239.2	230.2	262.1	332.6	352.9	328.2	231.2	206.1	197.7
77°	254.9	217.8	205.5	195.9	212.9	282.6	303.7	279.5	195.1	180.6	169.2
78°	215.6	190.4	175.4	170.7	173.1	240.7	254.7	230.9	163.0	159.8	142.4
79°	179.8	163.9	148.6	151.0	142.2	205.4	218.0	192.3	137.5	136.8	123.1
80°	152.6	136.0	129.6	133.4	125.7	174.8	184.4	163.3	119.2	115.9	106.5
81°	131.3	115.8	110.7	115.8	109.6	148.2	155.5	139.8	105.2	100.4	93.2
82°	110.2	95.9	91.8	98.2	93.5	128.1	132.4	119.4	93.1	88.0	79.7
83°	89.1	79.1	78.4	85.0	80.0	108.3	112.9	100.4	81.0	75.6	65.8
84°	66.6	66.4	65.2	71.7	68.3	88.5	94.4	84.8	67.7	64.1	53.5
85°	49.6	55.1	54.6	59.6	57.5	73.9	77.4	70.9	57.2	53.6	44.0
86°	35.5	44.2	44.3	48.9	45.6	60.4	62.3	58.5	47.0	44.2	36.0
87°	23.1	32.4	33.8	39.3	36.2	48.0	49.8	46.8	37.2	35.0	28.0
88°	16.1	17.9	25.4	27.7	25.8	36.4	37.2	34.8	27.4	25.8	19.9
89°	9.3	13.5	15.6	17.9	16.3	23.2	24.7	22.8	17.6	16.6	11.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2.4	9.5	10.7	13.8	11.0	11.4	12.2	10.9	9.2	8.5	6.9
91°	2.2	5.5	5.8	9.6	5.7	7.8	5.0	5.5	6.1	6.2	5.8
92°	2.2	5.3	5.5	5.5	4.9	4.3	4.0	4.6	5.2	5.7	5.6
93°	2.2	5.1	5.4	5.3	4.8	4.2	4.1	4.5	5.1	5.5	5.4
94°	2.2	4.8	5.2	5.2	4.8	4.2	4.1	4.5	5.0	5.4	5.3
95°	2.3	4.7	4.9	5.1	4.7	4.3	4.2	4.6	5.0	5.3	5.0
96°	2.3	4.7	4.8	4.8	4.7	4.3	4.2	4.6	5.0	5.1	5.0
97°	2.3	4.7	4.8	4.7	4.5	4.3	4.3	4.6	4.9	5.0	5.0
98°	2.4	4.6	4.8	4.7	4.4	4.3	4.4	4.6	4.8	5.1	5.0
99°	2.4	4.6	4.8	4.7	4.4	4.2	4.5	4.6	4.8	5.1	5.0
100°	2.5	4.6	4.8	4.7	4.5	4.2	4.5	4.6	4.9	5.1	5.0
101°	2.5	4.6	4.8	4.7	4.5	4.3	4.5	4.6	4.9	5.1	5.0
102°	2.6	4.5	4.7	4.7	4.5	4.3	4.5	4.7	4.9	5.1	5.0
103°	2.6	4.5	4.7	4.7	4.6	4.3	4.6	4.7	5.0	5.1	5.0
104°	2.6	4.5	4.7	4.7	4.6	4.4	4.6	4.8	5.0	5.1	4.9
105°	2.7	4.4	4.7	4.7	4.6	4.4	4.7	4.9	5.0	5.1	4.9
106°	2.7	4.4	4.7	4.7	4.7	4.5	4.8	4.9	5.0	5.0	4.9
107°	2.8	4.2	4.6	4.7	4.7	4.6	4.9	5.0	5.0	5.0	4.8
108°	2.9	4.1	4.6	4.8	4.8	4.7	5.0	5.0	5.1	5.0	4.7
109°	2.9	4.0	4.5	4.8	4.8	4.8	5.1	5.1	5.1	5.0	4.7
110°	3.0	4.0	4.4	4.8	4.9	4.8	5.2	5.2	5.2	5.0	4.6
111°	3.1	3.9	4.4	4.8	4.9	4.9	5.3	5.3	5.2	5.0	4.6
112°	3.2	3.9	4.4	4.7	5.0	5.0	5.4	5.4	5.3	5.0	4.6
113°	3.3	3.9	4.4	4.8	5.1	5.2	5.5	5.5	5.3	5.1	4.6
114°	3.3	3.9	4.4	4.8	5.1	5.3	5.6	5.5	5.4	5.1	4.6
115°	3.4	3.9	4.5	4.9	5.2	5.4	5.7	5.6	5.5	5.2	4.6
116°	3.5	3.9	4.5	5.0	5.3	5.5	5.8	5.7	5.6	5.2	4.7
117°	3.6	3.9	4.6	5.1	5.4	5.6	5.9	5.9	5.7	5.3	4.7
118°	3.7	4.0	4.6	5.2	5.5	5.7	6.1	6.0	5.8	5.4	4.8
119°	3.8	4.0	4.7	5.3	5.6	5.8	6.2	6.1	5.9	5.5	4.8
120°	3.9	4.1	4.8	5.4	5.7	5.9	6.3	6.2	6.0	5.6	4.9
121°	3.9	4.1	4.9	5.5	5.8	6.1	6.4	6.3	6.1	5.7	5.0
122°	4.0	4.1	5.0	5.6	5.9	6.2	6.5	6.4	6.2	5.8	5.1
123°	4.0	4.1	5.0	5.7	6.0	6.3	6.6	6.6	6.3	5.9	5.1
124°	4.0	4.1	5.0	5.7	6.1	6.3	6.6	6.6	6.3	5.9	5.1
125°	4.0	4.1	5.0	5.6	6.1	6.3	6.6	6.6	6.3	5.8	5.0
126°	3.9	4.0	4.9	5.6	6.0	6.3	6.5	6.5	6.3	5.8	5.0
127°	3.8	4.0	4.8	5.5	5.9	6.2	6.4	6.4	6.2	5.7	4.9
128°	3.7	3.9	4.7	5.4	5.8	6.1	6.3	6.3	6.1	5.6	4.8
129°	3.6	3.7	4.6	5.3	5.6	5.9	6.2	6.1	5.9	5.5	4.6
130°	3.4	3.6	4.4	5.1	5.5	5.7	6.0	5.9	5.7	5.3	4.5
131°	3.3	3.4	4.2	4.9	5.3	5.5	5.7	5.7	5.5	5.1	4.3
132°	3.1	3.3	4.0	4.6	5.0	5.2	5.4	5.4	5.2	4.8	4.1
133°	2.9	3.1	3.8	4.4	4.7	4.9	5.1	5.1	4.9	4.5	3.8
134°	2.6	2.9	3.5	4.1	4.4	4.6	4.8	4.8	4.6	4.2	3.6

REPORT NUMBER: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	2.4	2.7	3.3	3.8	4.1	4.3	4.4	4.4	4.2	3.9	3.3
136°	2.1	2.4	3.0	3.4	3.7	3.9	4.0	4.0	3.8	3.5	3.0
137°	1.9	2.2	2.7	3.1	3.3	3.5	3.6	3.6	3.4	3.1	2.7
138°	1.6	2.0	2.4	2.7	2.9	3.1	3.2	3.2	3.0	2.8	2.4
139°	1.4	1.7	2.1	2.3	2.6	2.7	2.9	2.8	2.6	2.4	2.1
140°	1.2	1.5	1.8	2.0	2.2	2.3	2.5	2.4	2.3	2.0	1.8
141°	1.1	1.3	1.5	1.7	1.8	1.9	2.1	2.0	1.9	1.7	1.5
142°	1.1	1.1	1.3	1.4	1.5	1.6	1.8	1.7	1.6	1.4	1.3
143°	1.0	1.0	1.1	1.2	1.3	1.3	1.5	1.5	1.4	1.3	1.1
144°	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.2	1.2	1.1
145°	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.0
146°	0.8	0.9	0.9	0.9	1.0	1.0	1.2	1.2	1.1	1.0	1.0
147°	0.8	0.8	0.9	0.9	0.9	0.9	1.1	1.1	1.1	1.0	0.9
148°	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9
149°	0.7	0.7	0.8	0.8	0.8	0.8	1.0	1.0	0.9	0.9	0.8
150°	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.8	0.8
151°	0.6	0.6	0.7	0.7	0.7	0.7	0.9	0.9	0.8	0.8	0.8
152°	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.7
153°	0.5	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.7	0.7	0.7
154°	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6
155°	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.6	0.6	0.6
156°	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
157°	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5
158°	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
159°	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
161°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
163°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
164°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
171°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
173°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



REPORT NUMBER: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

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: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
1°	10.6	7.2	10.9	16.1	17.8	18.6	18.5	7.9	7.8	7.7	7.5
2°	14.4	7.9	15.3	21.0	24.0	25.3	25.4	21.0	20.5	19.5	18.2
3°	18.3	23.4	27.0	30.9	35.0	36.1	37.7	34.2	33.3	31.7	29.1
4°	29.8	32.4	34.8	36.3	40.6	43.5	46.1	47.4	46.1	43.8	40.0
5°	37.7	40.7	41.6	41.8	43.8	48.7	51.4	53.4	53.1	48.5	43.3
6°	43.6	45.7	44.7	46.8	48.4	52.2	56.8	58.9	56.2	52.0	49.1
7°	48.7	51.7	50.1	49.4	51.7	57.2	60.3	63.7	60.0	55.4	53.4
8°	53.1	55.1	55.0	54.5	57.4	61.3	66.4	68.0	63.9	58.4	56.7
9°	57.9	59.4	59.2	59.4	62.6	66.2	70.9	72.8	68.3	62.5	63.0
10°	62.2	64.5	64.8	63.5	68.9	74.1	78.5	83.3	77.4	69.1	66.4
11°	69.1	71.7	79.1	81.8	91.0	96.8	101.7	100.2	96.7	89.5	82.7
12°	80.0	83.4	92.2	94.6	104.3	110.8	115.1	113.5	109.5	102.6	95.1
13°	89.5	96.2	101.3	107.3	116.5	122.2	126.3	125.1	120.6	111.2	104.6
14°	102.6	109.0	110.9	118.2	126.8	133.7	137.5	134.7	129.4	121.9	113.1
15°	116.0	119.3	120.4	129.0	137.0	145.1	149.7	147.3	141.2	129.6	120.3
16°	126.5	129.6	129.9	139.9	147.3	156.6	160.4	156.9	150.3	139.3	129.1
17°	137.1	139.8	139.4	152.4	159.2	167.3	171.0	168.0	159.2	147.8	136.3
18°	148.0	149.6	152.4	163.6	171.8	181.0	185.8	185.7	172.3	157.6	144.5
19°	157.1	160.5	169.2	187.8	203.6	212.1	214.5	211.3	195.2	183.6	167.1
20°	176.1	176.3	189.6	203.9	219.4	235.6	233.5	229.2	215.0	199.4	180.7
21°	191.3	189.2	203.0	216.5	234.1	251.2	250.6	244.2	231.9	215.7	192.5
22°	203.0	209.9	217.3	233.7	248.5	265.9	268.6	258.8	246.5	228.9	202.6
23°	218.5	220.3	227.4	248.5	269.7	280.1	281.4	273.9	260.5	241.6	217.2
24°	229.8	234.8	238.2	263.5	283.6	296.2	294.8	288.2	273.5	253.1	231.2
25°	239.7	245.3	252.0	275.6	296.4	310.8	310.6	303.0	286.2	264.6	243.2
26°	251.2	259.8	261.2	287.3	311.6	325.1	325.3	317.9	298.3	277.2	253.4
27°	269.9	276.5	271.7	297.9	326.2	340.4	339.5	332.7	314.9	288.7	263.8
28°	283.6	288.2	286.6	314.0	338.4	354.5	353.5	348.6	331.6	300.3	275.9
29°	295.8	298.8	298.2	328.5	354.7	366.7	373.7	365.4	345.9	314.8	291.5
30°	307.5	313.8	309.4	337.9	372.1	378.7	390.1	383.3	359.5	329.3	304.9
31°	323.7	332.8	321.1	347.2	386.8	392.0	404.9	406.5	381.4	341.3	318.2
32°	344.0	347.4	336.8	367.5	399.1	407.8	425.9	426.4	406.9	353.2	331.6
33°	354.8	359.7	355.7	387.3	417.5	423.4	463.9	451.6	422.2	377.6	342.0
34°	368.5	393.2	378.9	412.2	427.5	452.7	492.3	501.2	460.7	399.9	364.4
35°	403.2	422.2	402.2	427.0	454.3	487.8	538.1	560.2	500.2	443.0	388.3
36°	426.8	451.0	426.9	470.8	494.5	559.7	586.7	597.9	546.0	488.8	425.3
37°	439.7	475.3	462.1	500.1	509.3	580.5	624.7	637.6	583.5	521.2	440.1
38°	471.0	515.4	482.0	509.4	526.2	602.2	657.8	678.7	604.9	546.3	455.4
39°	498.9	529.6	505.7	518.6	558.5	643.2	691.7	715.7	652.3	584.1	488.5
40°	533.1	579.6	537.1	531.2	588.3	690.7	760.6	780.2	700.7	622.5	517.8
41°	543.2	616.3	557.5	581.7	642.1	742.5	826.3	837.5	776.7	682.6	574.8
42°	577.2	653.4	594.9	615.3	677.5	781.3	865.7	876.4	811.4	712.6	605.9
43°	592.4	677.8	623.0	629.6	691.0	816.4	896.4	903.2	852.0	751.2	629.1
44°	630.3	709.9	629.5	643.0	714.6	850.7	939.7	943.4	887.1	781.9	648.2

REPORT NUMBER: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	642.6	742.0	635.1	666.8	751.9	880.9	966.6	969.6	924.1	826.0	682.2
46°	648.6	769.2	639.2	687.6	787.3	918.6	1014.1	1014.2	969.3	861.6	722.1
47°	651.4	791.0	652.8	733.0	833.1	956.8	1048.1	1042.7	1008.2	905.8	776.2
48°	654.1	797.6	667.5	746.7	840.7	963.7	1052.3	1048.1	1020.7	917.5	793.6
49°	660.3	802.1	671.6	754.1	840.6	966.7	1055.9	1053.6	1028.6	929.4	802.1
50°	666.5	805.2	675.5	759.0	839.5	971.0	1059.5	1056.8	1035.8	938.7	809.6
51°	673.4	806.9	677.5	760.7	838.5	972.5	1060.8	1059.6	1039.6	945.9	815.1
52°	679.6	807.7	678.4	759.4	837.9	970.8	1059.9	1059.9	1041.9	953.3	819.1
53°	683.9	806.7	678.7	754.8	834.9	965.2	1059.0	1058.1	1041.7	956.2	821.3
54°	687.9	804.6	677.3	747.9	831.2	962.4	1054.1	1054.6	1040.7	957.2	822.7
55°	690.8	799.2	673.4	738.3	823.9	953.0	1043.9	1049.3	1037.5	957.1	824.4
56°	689.9	787.7	664.9	724.1	815.4	942.1	1035.1	1041.0	1032.6	955.4	826.0
57°	680.2	781.4	653.4	704.6	803.2	930.7	1023.5	1029.4	1024.9	951.8	824.2
58°	681.1	777.9	643.2	685.8	785.1	917.7	1009.9	1015.3	1012.8	946.0	815.6
59°	678.7	766.1	632.1	665.9	759.4	897.5	990.8	998.3	995.8	930.5	798.5
60°	667.8	752.1	618.5	646.0	729.8	870.7	970.7	975.8	970.9	909.6	776.7
61°	653.9	729.5	601.3	617.8	693.1	836.3	938.3	946.1	939.8	881.5	748.3
62°	637.2	714.1	590.1	587.1	657.1	798.0	900.0	909.3	903.6	846.5	716.4
63°	617.1	692.7	571.2	554.8	620.5	754.8	856.2	867.8	861.5	805.7	681.2
64°	595.1	667.8	549.6	524.2	577.5	704.1	805.1	821.5	818.6	762.6	639.1
65°	572.0	644.4	526.2	491.0	535.7	651.1	750.5	769.5	767.5	716.8	595.1
66°	548.3	617.5	500.8	459.0	494.6	598.2	693.5	715.3	715.0	668.2	552.9
67°	523.2	588.5	476.7	428.3	453.5	549.0	637.5	658.0	665.0	617.3	511.5
68°	497.6	559.4	451.6	399.0	416.6	499.7	584.8	599.6	619.1	571.1	466.6
69°	466.5	522.1	425.7	371.0	378.7	447.9	533.7	546.3	572.1	524.9	420.9
70°	428.4	481.1	396.2	342.7	342.9	395.0	485.8	497.1	520.1	475.3	378.4
71°	389.6	441.5	360.1	314.3	307.1	343.7	434.0	448.8	465.0	425.8	336.5
72°	357.5	405.2	323.7	285.9	271.6	292.4	380.1	400.4	410.0	372.2	293.4
73°	325.0	373.2	287.5	254.0	243.4	241.4	327.5	350.2	355.2	324.3	254.9
74°	292.4	330.7	257.7	225.3	219.1	205.3	274.9	300.9	311.1	281.4	217.1
75°	259.8	288.3	223.7	197.3	191.9	172.0	228.7	260.4	271.3	238.5	181.0
76°	224.1	246.0	192.7	173.3	170.5	143.6	190.4	225.0	230.9	195.7	152.7
77°	191.5	210.7	162.0	151.9	152.2	122.1	161.9	194.1	193.8	158.2	132.3
78°	162.9	177.1	134.8	128.4	129.7	103.7	135.3	164.1	160.9	133.3	112.1
79°	136.0	149.0	110.9	107.1	110.9	89.5	112.7	138.8	135.9	108.3	92.0
80°	117.7	125.1	91.3	90.2	95.5	77.5	95.1	120.7	115.2	83.4	78.9
81°	102.0	105.1	74.4	76.1	80.3	66.3	81.9	102.7	94.7	69.1	67.0
82°	84.6	86.4	59.4	62.6	67.4	55.3	69.2	84.8	78.8	56.3	56.7
83°	68.9	70.0	48.4	51.4	55.9	46.3	58.2	70.6	64.8	44.1	47.9
84°	54.9	57.3	40.4	40.7	45.3	37.6	48.1	57.7	51.8	35.0	39.2
85°	43.0	44.4	32.4	32.5	35.1	29.0	37.2	43.9	39.1	28.1	32.1
86°	32.9	31.6	24.4	24.4	25.0	20.4	26.2	30.1	28.2	19.5	21.5
87°	22.8	18.8	16.4	16.2	14.9	11.8	15.3	15.9	16.4	14.8	12.9
88°	12.9	8.5	7.7	8.3	7.4	6.4	5.5	9.8	10.5	10.2	9.6
89°	7.9	3.5	6.0	6.3	6.1	5.4	4.4	3.9	4.6	5.6	6.3

REPORT NUMBER: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	5.6	2.6	5.4	5.8	5.7	5.1	4.4	3.8	4.4	5.2	5.8
91°	5.3	2.5	5.2	5.6	5.6	5.0	4.4	3.9	4.4	5.1	5.7
92°	5.2	2.5	5.1	5.5	5.5	5.0	4.5	4.0	4.4	5.1	5.6
93°	5.0	2.5	4.8	5.3	5.5	5.0	4.5	4.0	4.5	5.1	5.4
94°	4.8	2.5	4.7	5.1	5.3	5.0	4.6	4.1	4.5	4.9	5.2
95°	4.7	2.5	4.7	5.1	5.2	4.9	4.6	4.2	4.5	4.8	5.1
96°	4.7	2.6	4.7	5.1	5.2	4.9	4.6	4.2	4.4	4.8	5.1
97°	4.7	2.6	4.8	5.1	5.2	4.9	4.6	4.3	4.4	4.8	5.1
98°	4.7	2.6	4.8	5.1	5.2	4.9	4.7	4.3	4.4	4.8	5.1
99°	4.7	2.7	4.8	5.1	5.2	5.0	4.7	4.3	4.5	4.8	5.1
100°	4.7	2.7	4.8	5.1	5.2	5.0	4.8	4.3	4.5	4.8	5.1
101°	4.7	2.8	4.8	5.1	5.2	5.0	4.8	4.4	4.6	4.9	5.1
102°	4.7	2.8	4.7	5.1	5.2	5.1	4.9	4.5	4.6	4.9	5.1
103°	4.6	2.8	4.7	5.1	5.2	5.1	4.9	4.6	4.7	4.9	5.0
104°	4.6	2.9	4.7	5.1	5.2	5.1	5.0	4.7	4.7	4.9	5.0
105°	4.5	2.9	4.6	5.0	5.2	5.2	5.1	4.8	4.8	4.9	5.0
106°	4.5	3.0	4.5	5.0	5.2	5.2	5.2	4.9	4.9	5.0	5.0
107°	4.4	3.0	4.4	4.9	5.2	5.3	5.3	5.0	5.0	5.0	4.9
108°	4.3	3.1	4.4	4.9	5.2	5.3	5.4	5.1	5.1	5.1	4.9
109°	4.3	3.1	4.3	4.8	5.2	5.4	5.5	5.3	5.2	5.1	4.9
110°	4.2	3.2	4.2	4.8	5.2	5.5	5.6	5.4	5.3	5.2	4.9
111°	4.1	3.3	4.2	4.8	5.3	5.6	5.7	5.5	5.4	5.2	4.9
112°	4.1	3.3	4.1	4.8	5.3	5.6	5.8	5.7	5.5	5.3	4.9
113°	4.1	3.4	4.1	4.8	5.4	5.7	5.9	5.8	5.6	5.4	5.0
114°	4.0	3.5	4.1	4.8	5.5	5.9	6.1	6.0	5.7	5.5	5.1
115°	4.0	3.6	4.1	4.9	5.6	6.0	6.2	6.1	5.9	5.6	5.2
116°	4.0	3.7	4.1	4.9	5.7	6.1	6.3	6.3	6.0	5.7	5.3
117°	4.1	3.8	4.1	5.0	5.8	6.2	6.5	6.4	6.1	5.8	5.4
118°	4.1	3.8	4.2	5.1	5.9	6.3	6.6	6.5	6.3	6.0	5.5
119°	4.1	3.9	4.2	5.2	6.0	6.5	6.8	6.7	6.4	6.1	5.6
120°	4.2	4.0	4.3	5.3	6.1	6.6	6.9	6.8	6.6	6.2	5.8
121°	4.2	4.0	4.2	5.3	6.2	6.7	7.0	6.9	6.6	6.3	5.8
122°	4.2	4.1	4.2	5.3	6.2	6.7	7.0	6.9	6.7	6.3	5.8
123°	4.2	4.1	4.2	5.3	6.2	6.7	6.9	6.9	6.7	6.3	5.8
124°	4.1	4.1	4.2	5.3	6.2	6.7	6.8	6.8	6.6	6.3	5.8
125°	4.1	4.0	4.1	5.2	6.1	6.5	6.7	6.7	6.5	6.2	5.7
126°	4.0	4.0	4.0	5.1	6.0	6.4	6.6	6.6	6.4	6.1	5.6
127°	3.9	3.9	3.9	5.0	5.8	6.2	6.4	6.4	6.2	5.9	5.5
128°	3.8	3.8	3.8	4.8	5.6	6.0	6.2	6.1	6.0	5.7	5.3
129°	3.7	3.7	3.7	4.6	5.4	5.7	5.9	5.8	5.7	5.5	5.1
130°	3.5	3.5	3.5	4.4	5.2	5.5	5.6	5.5	5.4	5.2	4.8
131°	3.4	3.3	3.3	4.2	4.8	5.1	5.2	5.2	5.1	4.9	4.6
132°	3.2	3.1	3.1	3.9	4.5	4.7	4.8	4.8	4.7	4.6	4.2
133°	3.0	2.9	2.9	3.6	4.1	4.3	4.4	4.3	4.3	4.2	3.9
134°	2.8	2.6	2.7	3.3	3.7	3.9	4.0	3.9	3.9	3.8	3.5

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CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	2.6	2.4	2.5	3.0	3.3	3.5	3.5	3.4	3.4	3.3	3.2
136°	2.4	2.1	2.2	2.6	2.9	3.0	3.0	3.0	2.9	2.9	2.8
137°	2.1	1.8	2.0	2.3	2.5	2.6	2.6	2.5	2.5	2.5	2.4
138°	1.9	1.6	1.7	1.9	2.1	2.1	2.2	2.1	2.1	2.1	2.0
139°	1.7	1.4	1.5	1.6	1.7	1.8	1.8	1.7	1.7	1.7	1.7
140°	1.5	1.2	1.3	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4
141°	1.3	1.1	1.1	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2
142°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1
143°	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0
144°	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9
145°	1.0	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9
146°	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8
147°	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.7
148°	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.7
149°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
150°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
151°	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
152°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
153°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
154°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
155°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
156°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
157°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
159°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
161°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
163°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
164°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167°	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
171°	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172°	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
173°	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174°	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



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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: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	8.3	8.3	8.3
1°	7.3	7.1	7.0
2°	16.8	12.7	7.7
3°	26.4	21.6	17.8
4°	35.9	30.7	27.9
5°	42.6	39.7	38.0
6°	47.4	43.6	42.4
7°	50.1	48.5	45.8
8°	55.8	52.6	49.6
9°	59.4	56.5	53.6
10°	64.7	60.2	56.6
11°	76.8	68.6	62.0
12°	88.0	79.5	73.5
13°	98.0	86.4	82.5
14°	103.1	95.7	90.7
15°	110.3	103.1	97.1
16°	116.9	109.9	106.5
17°	125.4	117.7	112.4
18°	133.4	125.0	118.7
19°	148.6	133.4	126.8
20°	164.7	147.3	136.0
21°	172.8	157.1	146.4
22°	184.5	168.6	158.8
23°	193.2	176.3	169.3
24°	204.0	185.0	177.9
25°	216.4	195.3	186.2
26°	226.8	205.3	196.0
27°	234.1	213.7	207.2
28°	245.0	222.6	216.7
29°	255.3	234.1	227.2
30°	268.0	242.3	237.6
31°	277.0	254.2	246.5
32°	291.3	262.2	259.7
33°	309.3	280.6	274.0
34°	327.3	296.1	289.3
35°	345.3	317.9	312.8
36°	373.6	339.8	336.5
37°	403.6	361.6	360.2
38°	421.8	379.8	372.2
39°	431.7	402.5	402.3
40°	442.8	421.1	431.8
41°	479.0	446.6	466.4
42°	516.4	474.5	511.2
43°	532.9	510.3	539.1
44°	549.1	523.3	569.0

REPORT NUMBER: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	575.4	534.0	597.5
46°	591.8	542.9	624.4
47°	636.4	555.3	653.8
48°	658.7	571.7	667.8
49°	668.4	576.8	678.3
50°	680.3	582.6	688.5
51°	691.5	588.9	699.7
52°	700.6	594.5	710.2
53°	705.6	600.5	718.4
54°	707.1	605.2	726.1
55°	705.2	607.7	733.6
56°	702.8	609.0	738.3
57°	697.4	610.5	740.2
58°	690.8	611.5	743.0
59°	679.7	612.5	744.6
60°	665.2	611.4	739.6
61°	649.0	608.8	731.6
62°	627.4	603.8	722.7
63°	604.7	594.5	712.4
64°	579.5	581.7	700.5
65°	548.4	566.8	684.8
66°	517.1	547.2	668.3
67°	486.4	526.7	646.5
68°	452.8	503.2	615.3
69°	411.3	471.2	575.3
70°	371.7	433.6	534.0
71°	329.1	399.0	497.7
72°	296.8	359.0	466.8
73°	272.6	320.3	429.5
74°	245.2	290.7	378.1
75°	216.9	261.9	333.4
76°	193.1	229.5	294.9
77°	166.6	196.4	254.9
78°	144.8	160.1	215.6
79°	126.0	137.9	179.8
80°	107.2	116.0	152.6
81°	88.4	94.1	131.3
82°	70.7	77.2	110.2
83°	55.5	63.6	89.1
84°	45.2	51.5	66.6
85°	34.6	39.2	49.6
86°	25.1	29.1	35.5
87°	17.6	20.9	23.1
88°	13.7	15.8	16.1
89°	9.8	10.8	9.3

REPORT NUMBER: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	5.9	5.7	2.4
91°	5.8	5.4	2.2
92°	5.6	5.2	2.2
93°	5.3	4.8	2.2
94°	5.1	4.8	2.2
95°	5.1	4.7	2.3
96°	5.0	4.7	2.3
97°	5.0	4.6	2.3
98°	5.0	4.6	2.4
99°	4.9	4.6	2.4
100°	4.9	4.5	2.5
101°	4.9	4.5	2.5
102°	4.9	4.5	2.6
103°	4.8	4.4	2.6
104°	4.8	4.4	2.6
105°	4.8	4.3	2.7
106°	4.7	4.2	2.7
107°	4.6	4.1	2.8
108°	4.5	4.0	2.9
109°	4.4	4.0	2.9
110°	4.4	3.9	3.0
111°	4.4	3.9	3.1
112°	4.4	3.9	3.2
113°	4.4	3.9	3.3
114°	4.5	3.9	3.3
115°	4.5	3.9	3.4
116°	4.6	3.9	3.5
117°	4.6	3.9	3.6
118°	4.7	4.0	3.7
119°	4.8	4.0	3.8
120°	4.9	4.0	3.9
121°	4.9	4.0	3.9
122°	4.9	4.1	4.0
123°	4.9	4.0	4.0
124°	4.9	4.0	4.0
125°	4.8	4.0	4.0
126°	4.7	3.9	3.9
127°	4.6	3.8	3.8
128°	4.5	3.7	3.7
129°	4.3	3.5	3.6
130°	4.1	3.4	3.4
131°	3.9	3.2	3.3
132°	3.6	3.0	3.1
133°	3.4	2.8	2.9
134°	3.1	2.5	2.6

REPORT NUMBER: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	2.8	2.3	2.4
136°	2.5	2.1	2.1
137°	2.2	1.9	1.9
138°	1.9	1.6	1.6
139°	1.6	1.4	1.4
140°	1.3	1.3	1.2
141°	1.1	1.1	1.1
142°	1.0	1.0	1.1
143°	1.0	1.0	1.0
144°	0.9	0.9	0.9
145°	0.8	0.8	0.9
146°	0.8	0.8	0.8
147°	0.7	0.7	0.8
148°	0.7	0.7	0.7
149°	0.6	0.7	0.7
150°	0.6	0.6	0.6
151°	0.6	0.6	0.6
152°	0.5	0.6	0.6
153°	0.5	0.5	0.5
154°	0.5	0.5	0.5
155°	0.5	0.5	0.5
156°	0.4	0.5	0.5
157°	0.4	0.4	0.5
158°	0.4	0.4	0.4
159°	0.4	0.4	0.4
160°	0.4	0.4	0.4
161°	0.4	0.4	0.4
162°	0.4	0.4	0.4
163°	0.4	0.4	0.4
164°	0.4	0.4	0.4
165°	0.4	0.4	0.4
166°	0.4	0.4	0.5
167°	0.4	0.4	0.5
168°	0.4	0.4	0.5
169°	0.4	0.4	0.5
170°	0.4	0.4	0.4
171°	0.4	0.4	0.4
172°	0.4	0.4	0.4
173°	0.4	0.4	0.4
174°	0.4	0.4	0.5
175°	0.4	0.4	0.4
176°	0.4	0.4	0.4
177°	0.4	0.4	0.4
178°	0.4	0.4	0.4
179°	0.4	0.4	0.4

REPORT NUMBER: P1192945
CATALOG NUMBER: BOLY42-25S-BZ-20W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.4	0.4	0.4

(END OF REPORT)