

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: P1192946

Luminaire Tested: BOLY42-25S-BZ-25W-3000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192946
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-25W-3000K
Description: Y-Shaped bollard, 42" length, 25W, BZ at 3000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

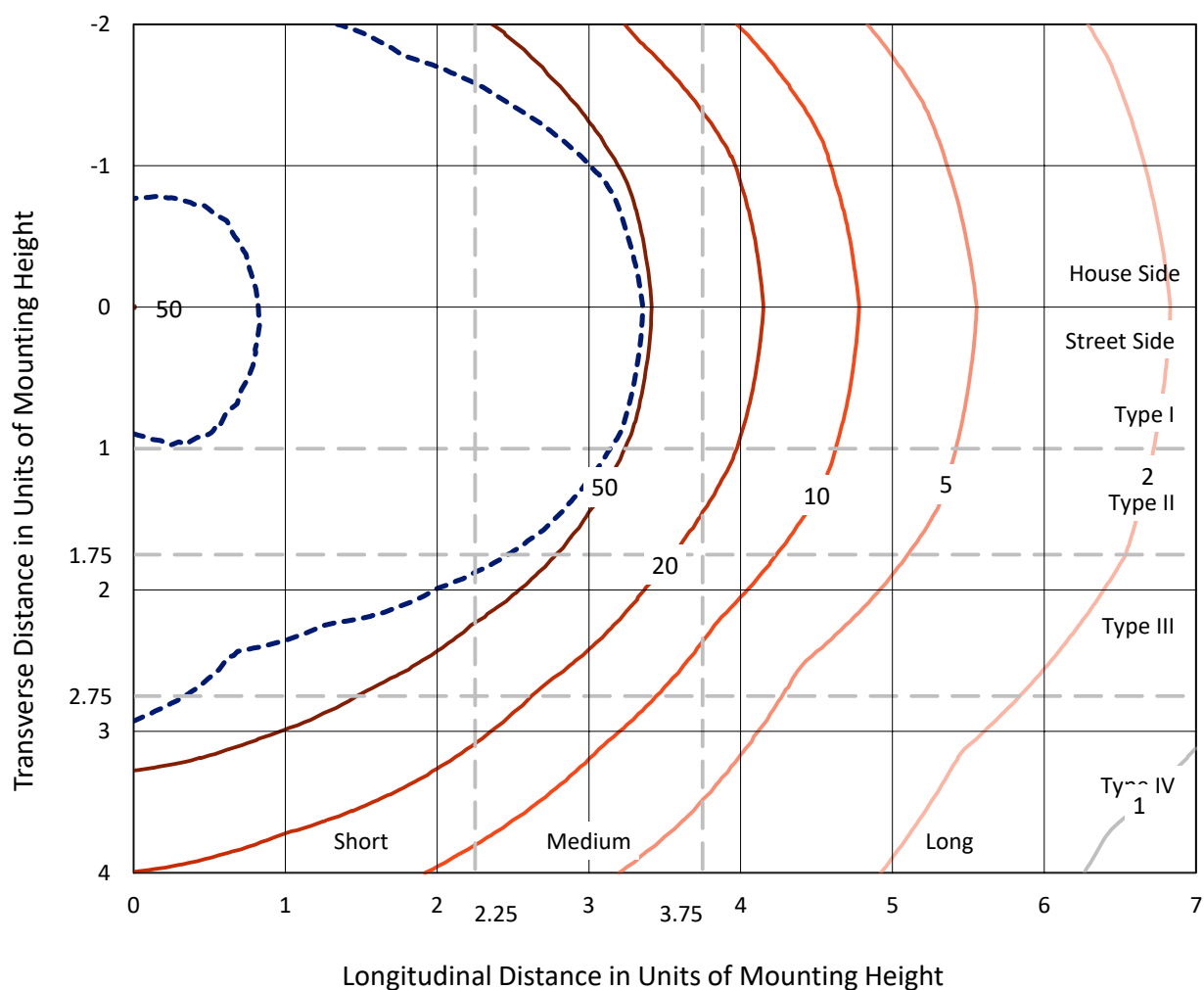
Lumens per Lamp: 1889.2 (1 lamp)
Luminaire Lumens: 3169.5 lumens
Efficiency: 167.8%
Efficacy: 121.9 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U2 - G2

Input Watts (W): 26
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

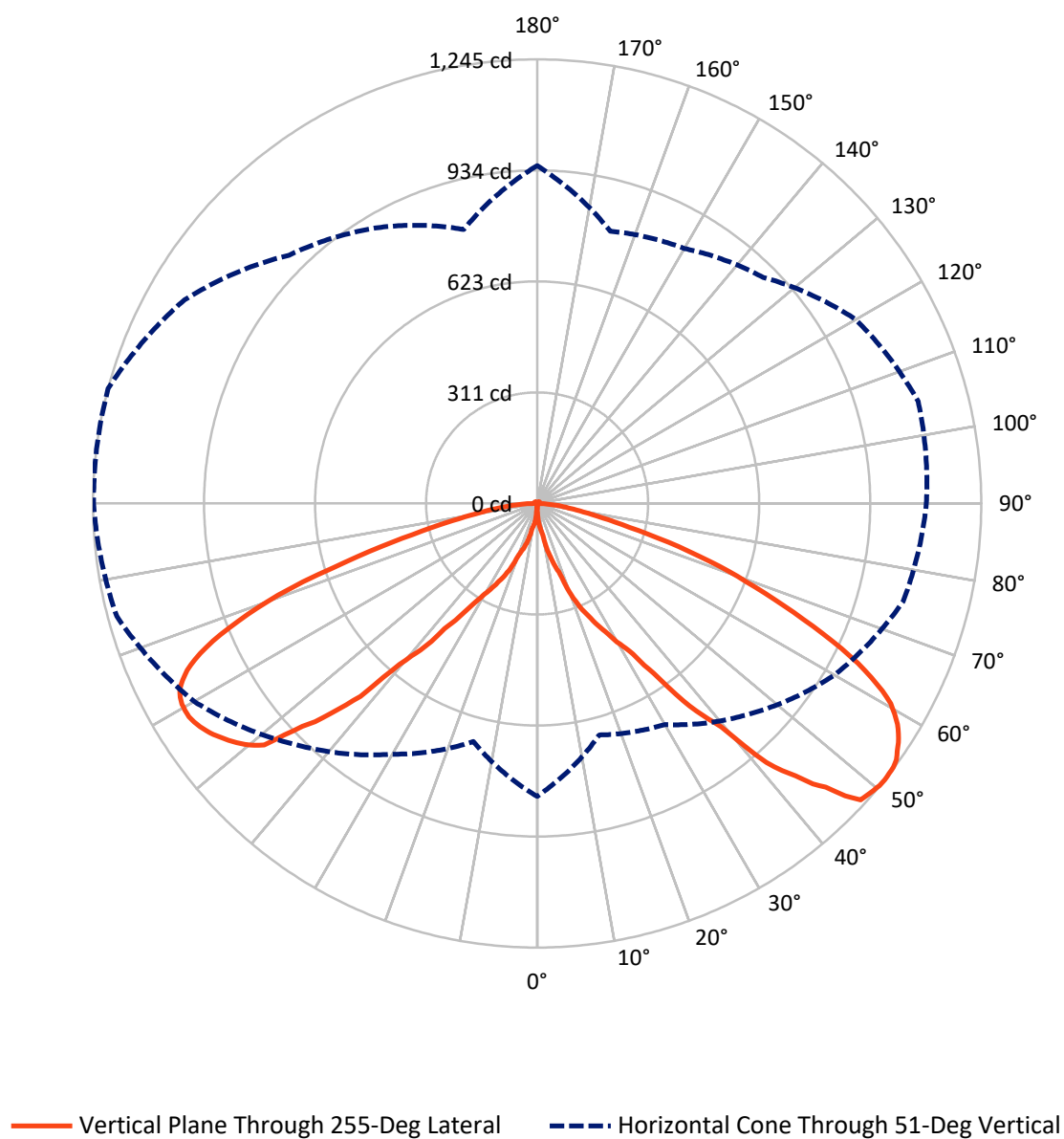
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1247.5 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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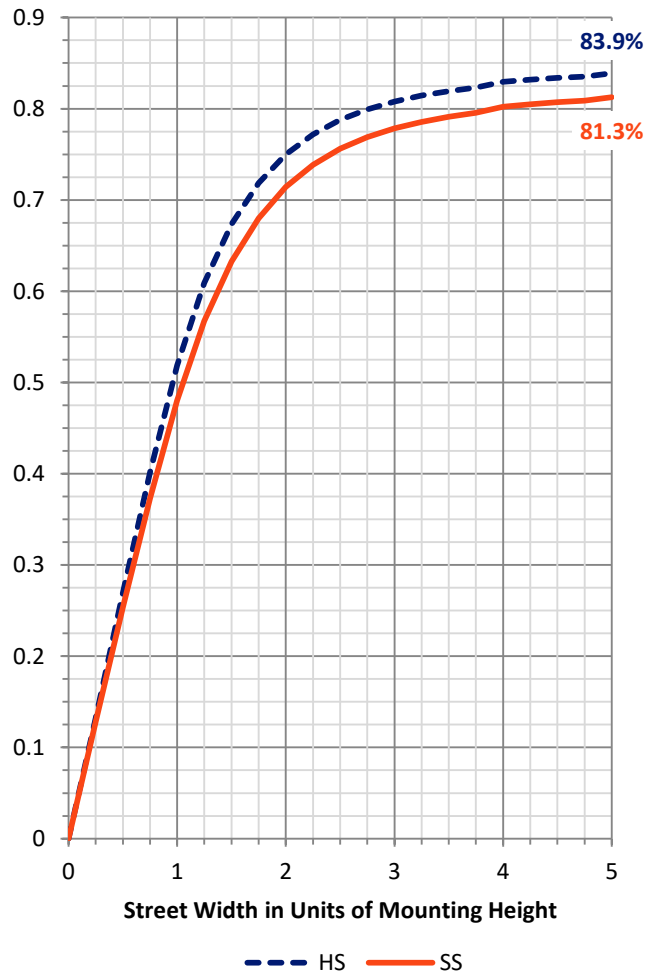
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1594.8	14.1	1608.9
	% Lamp	84.4	0.7	85.2
Street Side	Lumens	1546.9	13.6	1560.6
	% Lamp	81.9	0.7	82.6
Total	Lumens	3141.8	27.7	3169.5
	% Lamp	166.3	1.5	167.8

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	5.1	0.2	0.3
10°-20°	39.4	1.2	2.1
20°-30°	128.1	4.0	6.8
30°-40°	294.1	9.3	15.6
40°-50°	629.0	19.8	33.3
50°-60°	860.9	27.2	45.6
60°-70°	775.2	24.5	41.0
70°-80°	344.1	10.9	18.2
80°-90°	65.9	2.1	3.5
90°-100°	6.2	0.2	0.3
100°-110°	5.8	0.2	0.3
110°-120°	5.8	0.2	0.3
120°-130°	5.7	0.2	0.3
130°-140°	3.0	0.1	0.2
140°-150°	0.8	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°	3141.8	99.1	166.3
0°-180°	3169.5	100.0	167.8

Coefficient of Utilization



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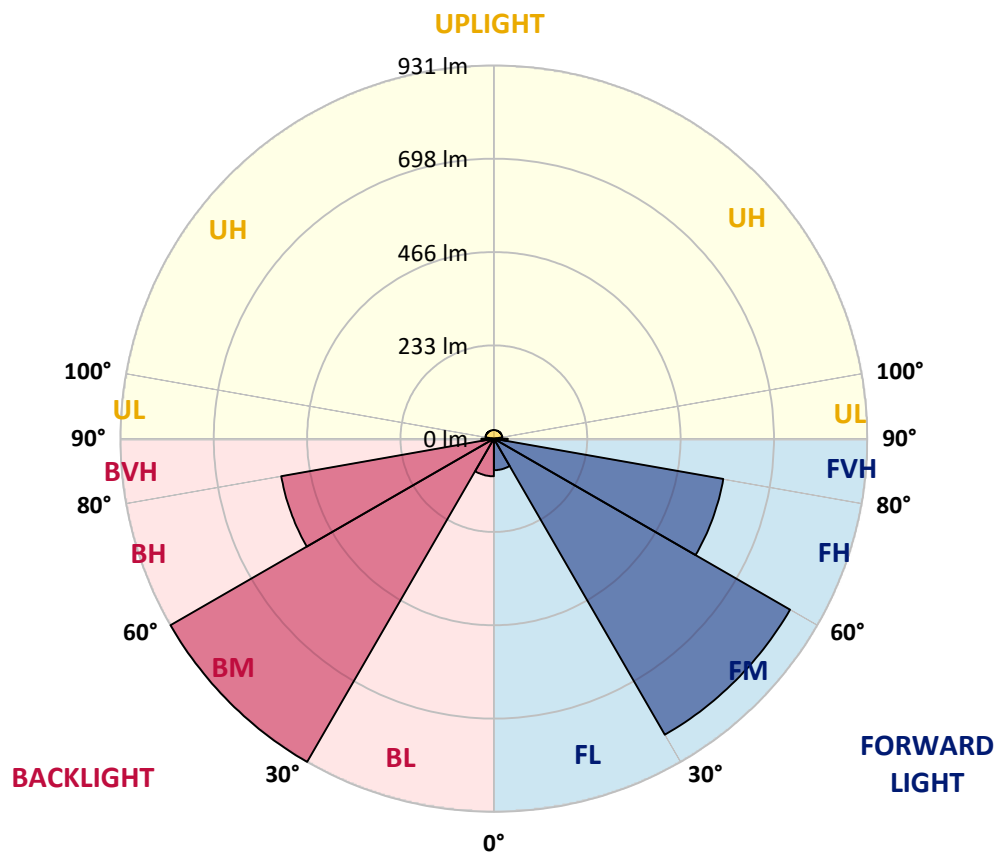
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	78.7	4.2			
FM	(30°-60°)	852.9	45.1			
FH	(60°-80°)	580.8	30.7			G0/660
FVH	(80°-90°)	34.6	1.8			G1/100
BL	(0°-30°)	93.8	5.0	B0/110		
BM	(30°-60°)	931.2	49.3	B1/1000		
BH	(60°-80°)	538.5	28.5	B2/1000		G2/1000
BVH	(80°-90°)	31.3	1.7			G1/100
UL	(90°-100°)	6.2	0.3		U1/10	
UH	(100°-180°)	21.5	1.1		U2/50	
Trapped Light		-1280.3	-67.8			

BUG Rating: B2-U2-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
1°	8.2	8.0	7.6	6.7	6.1	6.1	5.8	5.9	6.4	6.9	7.4
2°	9.0	8.6	8.4	8.1	7.4	7.0	6.6	6.9	12.5	12.8	9.0
3°	20.9	17.5	9.8	9.1	9.0	9.1	10.0	13.1	18.6	18.7	10.6
4°	32.7	27.4	21.8	23.5	19.9	19.6	13.7	19.4	24.7	24.6	28.5
5°	44.6	37.3	33.9	32.0	31.0	30.2	34.2	36.3	35.3	32.9	38.6
6°	49.7	47.2	45.9	40.4	42.1	40.7	45.6	46.2	43.3	43.5	44.8
7°	53.7	51.4	50.4	48.7	46.5	51.3	52.9	52.3	50.3	47.4	51.1
8°	58.2	56.6	55.6	52.9	50.5	55.7	59.1	58.1	56.6	53.6	56.7
9°	62.9	59.5	58.1	56.7	53.5	58.8	64.7	61.6	60.6	57.3	61.2
10°	66.4	63.1	62.3	59.9	58.9	63.7	70.5	67.0	64.2	59.8	67.0
11°	72.8	68.1	66.1	63.2	63.1	68.3	74.6	71.0	69.3	65.9	73.5
12°	86.3	77.6	75.3	70.9	70.4	74.6	78.8	77.4	77.4	71.8	87.2
13°	96.9	87.2	86.5	88.6	87.2	89.7	91.2	92.7	95.2	92.5	103.0
14°	106.5	95.2	93.6	96.9	99.1	101.0	102.4	106.9	106.6	101.1	113.5
15°	113.9	106.0	100.6	102.9	107.4	112.4	114.2	117.5	119.3	112.8	124.9
16°	125.1	113.1	107.4	110.6	114.1	119.4	125.6	129.9	128.5	121.1	136.2
17°	132.0	121.7	112.5	116.7	122.8	130.3	131.3	138.6	137.1	132.6	145.5
18°	139.4	129.0	121.4	124.4	129.9	136.0	141.9	147.5	146.8	143.8	154.7
19°	148.8	136.1	128.2	130.2	137.2	144.2	153.0	156.4	156.5	155.1	164.2
20°	159.7	143.7	135.0	139.8	148.2	151.1	164.2	165.4	166.6	166.5	181.0
21°	171.8	154.7	151.7	154.5	164.3	165.6	175.3	186.9	189.3	195.2	205.9
22°	186.5	165.7	161.1	167.0	178.9	184.0	191.8	205.2	210.2	211.7	224.3
23°	198.8	176.7	171.8	178.1	189.2	199.9	206.4	216.8	227.5	226.9	241.1
24°	208.8	187.7	183.0	189.7	200.0	211.3	219.1	236.5	241.3	242.7	255.6
25°	218.6	195.3	193.7	200.5	211.3	225.4	232.9	250.1	256.1	258.2	267.0
26°	230.1	203.7	201.5	211.3	223.1	236.3	246.7	262.0	270.2	272.3	281.1
27°	243.2	215.4	211.1	223.0	236.1	247.6	259.7	275.5	282.9	285.4	294.6
28°	254.4	229.9	227.7	237.6	245.9	261.9	273.1	287.6	297.7	300.6	308.1
29°	266.8	238.1	239.9	251.2	257.1	273.8	286.1	299.6	314.9	316.1	319.7
30°	278.9	249.1	248.7	262.4	271.3	286.1	300.8	314.3	328.3	333.6	333.9
31°	289.4	259.0	258.1	274.1	284.6	299.7	315.3	327.9	343.8	349.1	344.8
32°	304.8	273.7	268.5	286.6	295.4	317.1	334.3	347.6	356.5	363.5	364.4
33°	321.6	288.6	284.3	304.3	306.5	334.9	360.7	366.2	369.7	386.5	383.2
34°	339.6	301.3	295.1	320.2	324.3	360.6	382.2	388.6	385.0	403.2	405.0
35°	367.3	316.8	316.6	340.3	338.6	386.4	401.8	414.9	402.9	423.2	417.9
36°	395.1	348.1	327.8	350.3	376.2	412.3	435.5	443.1	425.7	437.1	445.1
37°	422.9	365.9	354.8	381.4	414.2	436.5	478.8	489.3	462.7	474.7	488.7
38°	436.9	383.3	382.3	413.2	452.2	487.4	532.4	543.7	527.4	518.4	527.4
39°	472.3	403.7	409.8	427.1	480.8	525.8	566.1	578.8	556.1	532.3	543.0
40°	507.0	428.7	439.3	441.7	499.2	554.2	626.7	623.9	585.8	547.0	581.0
41°	547.5	455.4	457.7	473.2	540.4	594.1	648.4	657.0	636.4	578.9	593.7
42°	600.1	481.6	481.9	514.5	588.8	649.4	707.6	704.6	690.5	621.2	625.1
43°	632.9	522.0	534.1	572.6	648.2	733.4	785.2	787.8	755.8	678.2	677.6
44°	668.0	553.5	550.1	609.5	691.4	778.1	824.9	828.0	793.5	714.2	693.9

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	701.5	581.6	563.5	629.1	730.3	826.4	874.0	882.9	829.0	734.0	706.4
46°	733.1	597.6	576.3	660.5	775.9	872.6	912.1	924.3	873.4	770.5	718.0
47°	767.6	611.1	603.0	693.8	814.6	908.0	949.7	958.3	900.2	802.2	743.8
48°	784.0	632.1	643.5	733.3	863.5	960.2	995.8	1009.3	952.4	853.5	790.6
49°	796.3	653.5	682.9	789.7	920.2	1021.8	1051.2	1069.8	1000.8	888.3	818.6
50°	808.3	664.0	699.9	813.5	941.6	1044.1	1076.7	1092.5	1017.1	893.3	823.7
51°	821.5	672.1	715.8	836.5	962.4	1062.2	1091.5	1106.1	1031.6	896.5	825.6
52°	833.8	682.3	731.0	853.8	981.1	1077.3	1105.1	1120.4	1042.1	899.1	827.4
53°	843.4	692.2	741.9	862.0	998.5	1090.7	1117.2	1133.7	1047.7	905.1	828.2
54°	852.4	700.4	753.7	869.7	1014.4	1103.3	1129.5	1142.7	1053.2	915.6	829.7
55°	861.3	706.9	765.0	878.4	1027.1	1115.7	1138.1	1150.9	1058.8	923.5	831.6
56°	866.8	712.6	777.0	887.7	1038.0	1125.0	1144.9	1157.1	1062.1	928.4	833.3
57°	869.0	714.4	785.0	896.3	1050.9	1133.9	1150.7	1160.9	1062.5	929.0	831.3
58°	872.2	712.7	790.9	904.8	1063.2	1140.6	1154.2	1160.4	1057.8	922.1	826.5
59°	874.2	708.8	793.8	913.8	1071.8	1144.9	1153.2	1158.3	1053.1	910.2	813.8
60°	868.3	703.8	791.2	919.3	1075.2	1145.2	1151.2	1153.6	1044.7	896.2	786.5
61°	858.9	696.5	787.7	921.5	1079.6	1144.3	1145.9	1144.2	1030.1	877.9	756.3
62°	848.5	690.2	782.8	919.0	1079.2	1139.0	1138.1	1128.3	1011.7	852.6	749.5
63°	836.4	682.7	772.4	911.0	1071.1	1129.5	1120.9	1107.6	990.9	823.9	724.5
64°	822.4	674.5	756.9	892.1	1059.7	1111.4	1099.9	1084.1	965.4	791.5	692.5
65°	804.0	660.9	733.2	865.0	1041.2	1087.0	1068.9	1053.3	930.1	754.6	654.5
66°	784.6	642.5	702.0	830.2	1011.4	1054.5	1033.9	1016.9	881.0	709.8	617.8
67°	759.1	617.2	660.4	792.8	972.7	1012.7	989.0	972.2	825.5	656.4	580.1
68°	722.4	589.1	617.2	745.7	916.2	961.4	939.7	918.7	760.7	597.4	543.7
69°	675.4	563.3	571.1	682.9	842.6	900.6	887.4	857.5	694.1	539.5	508.5
70°	626.9	537.4	522.1	612.2	760.0	838.1	826.4	788.7	626.6	488.9	474.1
71°	584.3	506.7	482.3	543.1	678.5	771.1	759.4	718.2	564.9	446.0	436.9
72°	548.1	473.3	443.5	483.3	600.2	692.9	685.6	646.0	505.9	401.5	393.6
73°	504.3	431.0	406.4	425.5	526.2	602.7	609.3	572.3	450.1	357.1	350.3
74°	443.8	382.0	367.3	364.6	454.9	525.4	536.5	508.6	386.2	312.8	307.0
75°	391.4	333.2	327.2	312.7	378.9	456.3	472.0	442.6	322.4	277.5	272.2
76°	346.2	292.2	280.8	270.2	307.8	390.4	414.3	385.4	271.4	242.0	232.1
77°	299.3	255.7	241.2	229.9	249.9	331.8	356.6	328.2	229.1	212.0	198.7
78°	253.1	223.5	205.9	200.4	203.2	282.6	299.0	271.1	191.3	187.6	167.2
79°	211.1	192.5	174.5	177.3	166.9	241.2	256.0	225.8	161.5	160.7	144.6
80°	179.1	159.6	152.1	156.6	147.6	205.3	216.4	191.7	140.0	136.1	125.1
81°	154.2	136.0	130.0	136.0	128.7	174.0	182.6	164.1	123.5	117.9	109.4
82°	129.4	112.6	107.8	115.3	109.8	150.4	155.5	140.2	109.3	103.3	93.5
83°	104.6	92.8	92.0	99.8	93.9	127.1	132.6	117.9	95.1	88.8	77.3
84°	78.1	77.9	76.5	84.2	80.2	103.8	110.8	99.5	79.4	75.2	62.8
85°	58.3	64.7	64.0	70.0	67.5	86.8	90.9	83.2	67.2	62.9	51.7
86°	41.7	51.9	52.0	57.4	53.6	71.0	73.1	68.7	55.1	51.9	42.3
87°	27.2	38.0	39.7	46.2	42.5	56.3	58.5	55.0	43.6	41.1	32.8
88°	18.9	21.0	29.8	32.6	30.3	42.8	43.7	40.9	32.1	30.3	23.4
89°	10.9	15.9	18.3	21.1	19.2	27.2	29.0	26.7	20.7	19.5	13.8

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2.8	11.2	12.6	16.2	13.0	13.4	14.3	12.8	10.8	10.0	8.1
91°	2.6	6.5	6.9	11.3	6.7	9.2	5.9	6.5	7.1	7.2	6.8
92°	2.6	6.3	6.5	6.5	5.8	5.1	4.7	5.4	6.1	6.6	6.5
93°	2.6	6.0	6.4	6.2	5.6	5.0	4.8	5.3	6.0	6.5	6.4
94°	2.6	5.6	6.1	6.1	5.6	5.0	4.8	5.3	5.9	6.4	6.2
95°	2.7	5.5	5.8	6.0	5.6	5.0	4.9	5.4	5.9	6.2	5.9
96°	2.7	5.5	5.7	5.7	5.5	5.0	5.0	5.4	5.9	6.0	5.9
97°	2.7	5.5	5.7	5.5	5.3	5.1	5.1	5.4	5.7	5.9	5.9
98°	2.8	5.4	5.6	5.5	5.2	5.0	5.2	5.4	5.6	5.9	5.9
99°	2.8	5.4	5.6	5.5	5.2	5.0	5.2	5.4	5.7	6.0	5.9
100°	2.9	5.4	5.6	5.5	5.3	5.0	5.2	5.4	5.7	6.0	5.9
101°	2.9	5.3	5.6	5.6	5.3	5.0	5.3	5.5	5.7	6.0	5.9
102°	3.0	5.3	5.6	5.6	5.3	5.1	5.3	5.5	5.8	6.0	5.8
103°	3.0	5.3	5.5	5.6	5.4	5.1	5.3	5.6	5.8	6.0	5.8
104°	3.1	5.2	5.5	5.6	5.4	5.2	5.4	5.6	5.9	6.0	5.8
105°	3.2	5.2	5.5	5.6	5.4	5.2	5.5	5.7	5.9	5.9	5.8
106°	3.2	5.1	5.5	5.6	5.5	5.3	5.6	5.8	5.9	5.9	5.7
107°	3.3	4.9	5.5	5.6	5.5	5.4	5.7	5.8	5.9	5.9	5.6
108°	3.4	4.8	5.4	5.6	5.6	5.5	5.8	5.9	6.0	5.9	5.6
109°	3.5	4.7	5.2	5.6	5.6	5.6	6.0	6.0	6.0	5.9	5.5
110°	3.5	4.7	5.1	5.6	5.7	5.7	6.1	6.1	6.0	5.9	5.5
111°	3.6	4.6	5.1	5.6	5.8	5.8	6.2	6.2	6.1	5.9	5.4
112°	3.7	4.6	5.1	5.6	5.9	5.9	6.3	6.3	6.2	5.9	5.4
113°	3.8	4.6	5.1	5.6	6.0	6.1	6.4	6.4	6.3	6.0	5.4
114°	3.9	4.6	5.2	5.7	6.0	6.2	6.6	6.5	6.3	6.0	5.4
115°	4.0	4.6	5.2	5.7	6.1	6.3	6.7	6.6	6.4	6.1	5.4
116°	4.1	4.6	5.3	5.8	6.2	6.5	6.8	6.7	6.5	6.1	5.5
117°	4.2	4.6	5.4	5.9	6.3	6.6	7.0	6.9	6.6	6.2	5.5
118°	4.4	4.7	5.5	6.1	6.4	6.7	7.1	7.0	6.8	6.3	5.6
119°	4.5	4.7	5.6	6.2	6.5	6.8	7.2	7.1	6.9	6.4	5.7
120°	4.6	4.8	5.7	6.3	6.7	7.0	7.4	7.3	7.0	6.6	5.8
121°	4.6	4.9	5.8	6.4	6.8	7.1	7.5	7.4	7.2	6.7	5.9
122°	4.7	4.9	5.9	6.6	7.0	7.3	7.6	7.6	7.3	6.8	6.0
123°	4.7	4.9	5.9	6.7	7.1	7.4	7.7	7.7	7.4	6.9	6.0
124°	4.7	4.8	5.9	6.7	7.1	7.4	7.7	7.7	7.4	6.9	6.0
125°	4.7	4.8	5.8	6.6	7.1	7.4	7.7	7.7	7.4	6.9	5.9
126°	4.6	4.7	5.8	6.6	7.0	7.4	7.7	7.6	7.4	6.8	5.8
127°	4.5	4.6	5.7	6.5	6.9	7.3	7.6	7.5	7.3	6.7	5.7
128°	4.4	4.5	5.6	6.3	6.8	7.2	7.4	7.4	7.1	6.6	5.6
129°	4.2	4.4	5.4	6.2	6.6	7.0	7.2	7.2	6.9	6.4	5.4
130°	4.0	4.2	5.2	6.0	6.4	6.7	7.0	6.9	6.7	6.2	5.2
131°	3.8	4.1	5.0	5.7	6.2	6.5	6.7	6.7	6.4	5.9	5.0
132°	3.6	3.8	4.7	5.5	5.9	6.2	6.4	6.3	6.1	5.7	4.8
133°	3.3	3.6	4.5	5.1	5.6	5.8	6.0	6.0	5.8	5.3	4.5
134°	3.1	3.4	4.1	4.8	5.2	5.4	5.6	5.6	5.4	4.9	4.2

REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	2.8	3.1	3.8	4.4	4.8	5.0	5.2	5.2	5.0	4.5	3.8
136°	2.5	2.9	3.5	4.0	4.4	4.6	4.8	4.7	4.5	4.1	3.5
137°	2.2	2.6	3.1	3.6	3.9	4.1	4.3	4.2	4.0	3.7	3.1
138°	1.9	2.3	2.8	3.2	3.4	3.6	3.8	3.8	3.6	3.2	2.8
139°	1.7	2.0	2.4	2.8	3.0	3.2	3.3	3.3	3.1	2.8	2.4
140°	1.5	1.8	2.1	2.4	2.6	2.7	2.9	2.8	2.7	2.4	2.1
141°	1.3	1.5	1.8	2.0	2.1	2.3	2.4	2.4	2.2	2.0	1.8
142°	1.2	1.3	1.5	1.7	1.8	1.9	2.1	2.0	1.9	1.7	1.5
143°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.6	1.5	1.3
144°	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.5	1.4	1.3
145°	1.0	1.1	1.1	1.2	1.2	1.3	1.5	1.4	1.4	1.3	1.2
146°	1.0	1.0	1.1	1.1	1.2	1.2	1.4	1.4	1.3	1.2	1.1
147°	0.9	1.0	1.0	1.0	1.1	1.1	1.3	1.3	1.2	1.2	1.1
148°	0.8	0.9	0.9	1.0	1.0	1.0	1.2	1.2	1.2	1.1	1.0
149°	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.0	1.0
150°	0.8	0.8	0.8	0.9	0.9	0.9	1.1	1.1	1.0	1.0	0.9
151°	0.7	0.8	0.8	0.8	0.8	0.9	1.0	1.0	1.0	0.9	0.9
152°	0.7	0.7	0.7	0.8	0.8	0.8	1.0	0.9	0.9	0.9	0.8
153°	0.6	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.8	0.8
154°	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
155°	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.7	0.7
156°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
157°	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6
158°	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
159°	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
160°	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.6
161°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
162°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
163°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
164°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
165°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
166°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
167°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
168°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
169°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
170°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
171°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
172°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
173°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
174°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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	0.4	0.4	0.5
179°	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5



REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

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: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
1°	12.4	8.5	12.8	18.9	20.9	21.8	21.8	9.2	9.2	9.0	8.8
2°	17.0	9.3	17.9	24.7	28.2	29.7	29.8	24.7	24.1	22.9	21.4
3°	21.5	27.5	31.8	36.3	41.0	42.4	44.3	40.1	39.1	37.2	34.2
4°	35.0	38.1	40.9	42.7	47.6	51.1	54.1	55.6	54.2	51.5	47.0
5°	44.3	47.8	48.9	49.1	51.4	57.2	60.4	62.7	62.3	56.9	50.8
6°	51.1	53.7	52.5	54.9	56.8	61.3	66.6	69.1	66.0	61.0	57.6
7°	57.2	60.7	58.8	57.9	60.7	67.1	70.8	74.8	70.5	65.1	62.6
8°	62.4	64.7	64.6	64.0	67.4	71.9	77.9	79.8	75.0	68.5	66.6
9°	67.9	69.8	69.5	69.7	73.5	77.7	83.3	85.4	80.2	73.4	73.9
10°	73.1	75.8	76.1	74.5	80.9	86.9	92.2	97.7	90.9	81.1	78.0
11°	81.1	84.2	92.9	96.0	106.8	113.6	119.4	117.7	113.5	105.0	97.1
12°	94.0	97.9	108.3	111.1	122.5	130.0	135.1	133.2	128.6	120.5	111.7
13°	105.1	112.9	119.0	126.0	136.8	143.5	148.3	146.8	141.6	130.5	122.9
14°	120.5	128.0	130.2	138.7	148.8	156.9	161.5	158.2	151.9	143.1	132.8
15°	136.1	140.0	141.3	151.5	160.9	170.4	175.8	172.9	165.7	152.2	141.3
16°	148.5	152.1	152.5	164.2	172.9	183.9	188.4	184.2	176.4	163.5	151.6
17°	160.9	164.2	163.6	178.9	186.9	196.5	200.7	197.2	186.9	173.6	160.1
18°	173.7	175.7	178.9	192.0	201.7	212.5	218.2	218.0	202.3	185.1	169.7
19°	184.4	188.4	198.6	220.5	239.0	249.0	251.8	248.0	229.2	215.5	196.2
20°	206.8	207.0	222.6	239.3	257.6	276.6	274.2	269.1	252.4	234.1	212.1
21°	224.6	222.1	238.3	254.2	274.8	294.9	294.3	286.7	272.3	253.2	226.0
22°	238.4	246.4	255.1	274.3	291.8	312.2	315.4	303.8	289.4	268.8	237.9
23°	256.5	258.7	266.9	291.7	316.6	328.8	330.4	321.6	305.8	283.7	255.0
24°	269.8	275.7	279.7	309.4	333.0	347.7	346.1	338.4	321.1	297.1	271.5
25°	281.4	288.0	295.9	323.6	348.0	364.9	364.7	355.8	336.0	310.6	285.5
26°	294.9	305.0	306.6	337.3	365.8	381.6	382.0	373.2	350.2	325.4	297.5
27°	316.9	324.6	319.0	349.8	383.0	399.7	398.6	390.6	369.7	338.9	309.7
28°	332.9	338.3	336.5	368.7	397.3	416.2	415.1	409.3	389.2	352.6	323.9
29°	347.3	350.8	350.0	385.6	416.4	430.5	438.7	429.0	406.1	369.6	342.2
30°	361.0	368.4	363.3	396.7	436.9	444.6	457.9	450.0	422.0	386.6	358.0
31°	380.0	390.7	376.9	407.7	454.1	460.2	475.4	477.2	447.8	400.6	373.6
32°	403.9	407.8	395.4	431.5	468.6	478.8	500.1	500.6	477.7	414.7	389.3
33°	416.5	422.3	417.6	454.7	490.2	497.0	544.7	530.2	495.6	443.3	401.5
34°	432.6	461.6	444.8	484.0	501.9	531.5	578.0	588.4	540.8	469.4	427.8
35°	473.4	495.7	472.2	501.3	533.4	572.6	631.7	657.7	587.3	520.1	455.9
36°	501.0	529.5	501.2	552.7	580.6	657.1	688.8	701.9	641.0	573.8	499.3
37°	516.2	558.1	542.5	587.1	597.9	681.6	733.4	748.5	685.0	611.8	516.7
38°	553.0	605.1	565.9	598.1	617.8	707.0	772.3	796.9	710.2	641.3	534.7
39°	585.7	621.7	593.7	608.9	655.7	755.1	812.1	840.3	765.8	685.8	573.5
40°	625.8	680.4	630.6	623.6	690.6	810.8	893.0	915.9	822.6	730.8	607.9
41°	637.8	723.6	654.5	682.9	753.9	871.7	970.1	983.3	911.8	801.4	674.9
42°	677.6	767.1	698.4	722.3	795.3	917.3	1016.3	1028.9	952.6	836.6	711.3
43°	695.5	795.7	731.5	739.2	811.2	958.4	1052.3	1060.4	1000.3	882.0	738.5
44°	739.9	833.5	739.1	754.9	838.9	998.7	1103.2	1107.6	1041.5	918.0	760.9

REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	754.4	871.1	745.6	782.9	882.8	1034.2	1134.8	1138.3	1084.9	969.8	800.9
46°	761.5	903.1	750.4	807.3	924.3	1078.5	1190.6	1190.7	1138.0	1011.6	847.7
47°	764.8	928.6	766.4	860.6	978.1	1123.3	1230.5	1224.1	1183.7	1063.4	911.3
48°	767.9	936.4	783.7	876.6	987.0	1131.4	1235.4	1230.5	1198.3	1077.2	931.7
49°	775.2	941.7	788.5	885.3	986.9	1135.0	1239.7	1237.0	1207.6	1091.1	941.6
50°	782.5	945.3	793.1	891.1	985.6	1140.0	1243.9	1240.7	1216.0	1102.0	950.5
51°	790.6	947.3	795.4	893.1	984.5	1141.7	1245.4	1244.0	1220.6	1110.6	956.9
52°	797.8	948.2	796.4	891.5	983.7	1139.7	1244.4	1244.3	1223.2	1119.2	961.7
53°	802.9	947.1	796.7	886.1	980.2	1133.2	1243.3	1242.2	1223.0	1122.6	964.2
54°	807.6	944.6	795.2	878.0	975.8	1129.9	1237.5	1238.2	1221.7	1123.8	965.8
55°	811.0	938.3	790.6	866.8	967.3	1118.9	1225.5	1231.9	1218.0	1123.6	967.9
56°	810.0	924.8	780.6	850.1	957.2	1106.0	1215.2	1222.2	1212.3	1121.7	969.8
57°	798.5	917.4	767.1	827.2	942.9	1092.7	1201.6	1208.5	1203.2	1117.5	967.6
58°	799.6	913.2	755.2	805.2	921.7	1077.4	1185.6	1191.9	1189.1	1110.6	957.5
59°	796.8	899.5	742.1	781.8	891.6	1053.7	1163.2	1172.0	1169.0	1092.4	937.5
60°	784.0	883.0	726.2	758.4	856.8	1022.2	1139.6	1145.6	1139.8	1067.9	911.9
61°	767.7	856.5	705.9	725.3	813.8	981.8	1101.5	1110.7	1103.4	1034.9	878.5
62°	748.1	838.3	692.7	689.3	771.4	936.9	1056.6	1067.5	1060.8	993.9	841.0
63°	724.5	813.2	670.6	651.3	728.5	886.1	1005.2	1018.9	1011.4	945.9	799.7
64°	698.7	784.0	645.3	615.4	678.0	826.6	945.2	964.5	961.1	895.2	750.3
65°	671.5	756.5	617.8	576.5	628.9	764.4	881.1	903.4	901.1	841.6	698.6
66°	643.7	725.0	588.0	538.8	580.7	702.3	814.2	839.8	839.4	784.5	649.1
67°	614.2	690.9	559.6	502.9	532.4	644.6	748.4	772.5	780.7	724.7	600.5
68°	584.2	656.7	530.2	468.4	489.0	586.6	686.6	703.9	726.9	670.5	547.8
69°	547.7	612.9	499.8	435.6	444.6	525.8	626.6	641.4	671.6	616.3	494.1
70°	502.9	564.8	465.1	402.3	402.6	463.7	570.4	583.6	610.6	558.0	444.3
71°	457.3	518.3	422.7	369.0	360.6	403.5	509.5	526.9	545.9	499.9	395.1
72°	419.7	475.7	380.0	335.6	318.8	343.3	446.2	470.1	481.3	436.9	344.4
73°	381.5	438.1	337.6	298.2	285.7	283.4	384.4	411.2	417.0	380.7	299.3
74°	343.3	388.3	302.5	264.5	257.2	241.0	322.8	353.3	365.3	330.4	254.9
75°	305.0	338.5	262.7	231.7	225.3	201.9	268.5	305.7	318.5	280.0	212.5
76°	263.1	288.8	226.2	203.5	200.2	168.6	223.5	264.1	271.1	229.8	179.3
77°	224.9	247.4	190.2	178.4	178.7	143.3	190.0	227.8	227.6	185.8	155.3
78°	191.2	207.9	158.3	150.8	152.3	121.7	158.8	192.7	188.9	156.5	131.6
79°	159.7	174.9	130.2	125.8	130.2	105.1	132.3	162.9	159.5	127.2	108.0
80°	138.2	146.8	107.2	105.8	112.1	90.9	111.7	141.7	135.3	97.9	92.7
81°	119.8	123.4	87.3	89.4	94.2	77.9	96.1	120.6	111.2	81.1	78.7
82°	99.3	101.4	69.7	73.5	79.2	64.9	81.2	99.6	92.5	66.1	66.5
83°	80.9	82.2	56.8	60.3	65.6	54.3	68.3	82.9	76.1	51.7	56.2
84°	64.5	67.2	47.5	47.7	53.2	44.2	56.5	67.8	60.8	41.1	46.0
85°	50.4	52.2	38.1	38.2	41.2	34.0	43.6	51.5	45.9	33.0	37.7
86°	38.6	37.1	28.7	28.6	29.3	23.9	30.8	35.4	33.1	22.9	25.3
87°	26.8	22.1	19.2	19.1	17.5	13.9	18.0	18.7	19.2	17.4	15.1
88°	15.1	9.9	9.0	9.7	8.7	7.5	6.5	11.5	12.3	12.0	11.2
89°	9.3	4.1	7.1	7.4	7.2	6.3	5.2	4.5	5.4	6.6	7.4

REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	6.6	3.0	6.3	6.8	6.7	5.9	5.1	4.5	5.2	6.1	6.9
91°	6.2	3.0	6.1	6.6	6.6	5.9	5.2	4.6	5.2	6.0	6.7
92°	6.1	2.9	6.0	6.5	6.5	5.9	5.2	4.6	5.2	6.0	6.6
93°	5.8	3.0	5.6	6.3	6.4	5.9	5.3	4.7	5.3	5.9	6.4
94°	5.6	3.0	5.6	6.0	6.2	5.9	5.4	4.8	5.3	5.8	6.1
95°	5.6	3.0	5.6	6.0	6.1	5.8	5.4	4.9	5.2	5.6	6.0
96°	5.6	3.0	5.6	6.0	6.1	5.7	5.4	4.9	5.2	5.6	6.0
97°	5.6	3.1	5.6	6.0	6.1	5.8	5.4	5.0	5.2	5.6	6.0
98°	5.6	3.1	5.6	6.0	6.1	5.8	5.5	5.0	5.2	5.6	6.0
99°	5.5	3.1	5.6	6.0	6.1	5.8	5.5	5.0	5.3	5.7	6.0
100°	5.5	3.2	5.6	6.0	6.1	5.9	5.6	5.1	5.3	5.7	5.9
101°	5.5	3.2	5.6	6.0	6.1	5.9	5.7	5.2	5.4	5.7	5.9
102°	5.5	3.3	5.6	6.0	6.1	6.0	5.7	5.2	5.4	5.7	5.9
103°	5.4	3.3	5.5	6.0	6.1	6.0	5.8	5.4	5.5	5.7	5.9
104°	5.4	3.4	5.5	5.9	6.1	6.0	5.9	5.5	5.6	5.8	5.9
105°	5.3	3.4	5.4	5.9	6.1	6.1	6.0	5.6	5.6	5.8	5.8
106°	5.2	3.5	5.3	5.8	6.1	6.1	6.1	5.7	5.7	5.8	5.8
107°	5.2	3.6	5.2	5.8	6.1	6.2	6.2	5.9	5.8	5.9	5.8
108°	5.1	3.6	5.1	5.7	6.1	6.2	6.3	6.0	6.0	5.9	5.8
109°	5.0	3.7	5.0	5.7	6.1	6.3	6.4	6.2	6.1	6.0	5.7
110°	4.9	3.8	5.0	5.6	6.1	6.4	6.6	6.3	6.2	6.1	5.7
111°	4.9	3.8	4.9	5.6	6.2	6.5	6.7	6.5	6.3	6.1	5.7
112°	4.8	3.9	4.8	5.6	6.2	6.6	6.8	6.6	6.5	6.2	5.8
113°	4.8	4.0	4.8	5.6	6.3	6.7	7.0	6.8	6.6	6.3	5.9
114°	4.7	4.1	4.8	5.7	6.4	6.9	7.1	7.0	6.7	6.4	6.0
115°	4.7	4.2	4.8	5.7	6.5	7.0	7.3	7.2	6.9	6.5	6.1
116°	4.7	4.3	4.8	5.8	6.6	7.1	7.4	7.3	7.0	6.7	6.2
117°	4.8	4.4	4.8	5.9	6.8	7.3	7.6	7.5	7.2	6.8	6.3
118°	4.8	4.5	4.9	6.0	6.9	7.4	7.8	7.7	7.4	7.0	6.5
119°	4.8	4.6	5.0	6.1	7.0	7.6	7.9	7.8	7.5	7.2	6.6
120°	4.9	4.7	5.0	6.2	7.2	7.8	8.1	8.0	7.7	7.3	6.8
121°	4.9	4.8	5.0	6.3	7.3	7.9	8.2	8.1	7.8	7.4	6.8
122°	4.9	4.8	5.0	6.3	7.3	7.9	8.2	8.1	7.8	7.4	6.8
123°	4.9	4.8	5.0	6.2	7.3	7.9	8.1	8.1	7.8	7.4	6.8
124°	4.8	4.8	4.9	6.2	7.2	7.8	8.0	8.0	7.7	7.4	6.8
125°	4.8	4.7	4.8	6.1	7.1	7.7	7.9	7.9	7.6	7.3	6.7
126°	4.7	4.7	4.7	6.0	7.0	7.5	7.7	7.7	7.5	7.1	6.6
127°	4.6	4.6	4.6	5.8	6.8	7.3	7.5	7.5	7.3	6.9	6.4
128°	4.5	4.4	4.5	5.6	6.6	7.0	7.2	7.2	7.0	6.7	6.2
129°	4.3	4.3	4.3	5.4	6.4	6.7	6.9	6.9	6.7	6.4	6.0
130°	4.1	4.1	4.1	5.2	6.1	6.4	6.5	6.5	6.4	6.1	5.7
131°	3.9	3.9	3.9	4.9	5.7	6.0	6.1	6.0	6.0	5.8	5.3
132°	3.7	3.6	3.7	4.6	5.3	5.6	5.7	5.6	5.5	5.3	5.0
133°	3.5	3.4	3.4	4.2	4.8	5.1	5.2	5.1	5.0	4.9	4.6
134°	3.3	3.1	3.2	3.9	4.4	4.6	4.7	4.6	4.5	4.4	4.1

REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	3.0	2.8	2.9	3.5	3.9	4.1	4.1	4.0	4.0	3.9	3.7
136°	2.8	2.5	2.6	3.1	3.4	3.5	3.6	3.5	3.5	3.4	3.2
137°	2.5	2.2	2.3	2.7	2.9	3.0	3.0	3.0	2.9	2.9	2.8
138°	2.2	1.9	2.0	2.3	2.4	2.5	2.5	2.5	2.4	2.4	2.4
139°	2.0	1.6	1.8	1.9	2.0	2.1	2.1	2.0	2.0	2.0	2.0
140°	1.7	1.4	1.5	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6
141°	1.5	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4
142°	1.3	1.3	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.3	1.2
143°	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2
144°	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.1
145°	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0
146°	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	0.9
147°	1.0	1.0	0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9
148°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
149°	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.8
150°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
151°	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7
152°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
153°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
154°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.6
155°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
156°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
157°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5
158°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
159°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
160°	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
161°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
162°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
163°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
164°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5
165°	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5
166°	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5
167°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
168°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
169°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
170°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
171°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
172°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
173°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5
174°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5
176°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5
177°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
178°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
179°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5



REPORT NUMBER: P1192946
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CANDELA DISTRIBUTION (continued):

180°	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
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: P1192946
 CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	9.8	9.8	9.8
1°	8.6	8.4	8.2
2°	19.7	14.9	9.0
3°	30.9	25.4	20.9
4°	42.2	36.0	32.7
5°	50.0	46.7	44.6
6°	55.6	51.2	49.7
7°	58.8	56.9	53.7
8°	65.6	61.7	58.2
9°	69.7	66.3	62.9
10°	76.0	70.7	66.4
11°	90.1	80.5	72.8
12°	103.4	93.3	86.3
13°	115.1	101.4	96.9
14°	121.0	112.4	106.5
15°	129.5	121.0	113.9
16°	137.3	129.0	125.1
17°	147.3	138.2	132.0
18°	156.6	146.7	139.4
19°	174.4	156.6	148.8
20°	193.4	173.0	159.7
21°	202.9	184.4	171.8
22°	216.6	198.0	186.5
23°	226.9	207.0	198.8
24°	239.4	217.2	208.8
25°	254.1	229.3	218.6
26°	266.3	241.0	230.1
27°	274.8	250.9	243.2
28°	287.6	261.4	254.4
29°	299.7	274.9	266.8
30°	314.6	284.5	278.9
31°	325.2	298.4	289.4
32°	342.0	307.9	304.8
33°	363.1	329.4	321.6
34°	384.3	347.7	339.6
35°	405.4	373.3	367.3
36°	438.6	398.9	395.1
37°	473.8	424.6	422.9
38°	495.2	445.9	436.9
39°	506.8	472.5	472.3
40°	519.9	494.4	507.0
41°	562.3	524.4	547.5
42°	606.3	557.1	600.1
43°	625.7	599.1	632.9
44°	644.7	614.3	668.0

REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	675.6	627.0	701.5
46°	694.7	637.3	733.1
47°	747.1	651.9	767.6
48°	773.3	671.2	784.0
49°	784.7	677.2	796.3
50°	798.7	684.0	808.3
51°	811.8	691.3	821.5
52°	822.6	697.9	833.8
53°	828.4	705.0	843.4
54°	830.1	710.5	852.4
55°	827.9	713.4	861.3
56°	825.1	714.9	866.8
57°	818.8	716.8	869.0
58°	811.0	718.0	872.2
59°	797.9	719.1	874.2
60°	781.0	717.8	868.3
61°	761.9	714.8	858.9
62°	736.6	708.9	848.5
63°	709.9	697.9	836.4
64°	680.4	683.0	822.4
65°	643.8	665.4	804.0
66°	607.0	642.4	784.6
67°	571.0	618.4	759.1
68°	531.6	590.8	722.4
69°	482.9	553.2	675.4
70°	436.4	509.1	626.9
71°	386.4	468.5	584.3
72°	348.4	421.5	548.1
73°	320.1	376.0	504.3
74°	287.9	341.3	443.8
75°	254.7	307.5	391.4
76°	226.7	269.4	346.2
77°	195.6	230.5	299.3
78°	170.0	188.0	253.1
79°	147.9	162.0	211.1
80°	125.8	136.2	179.1
81°	103.7	110.4	154.2
82°	83.0	90.7	129.4
83°	65.2	74.6	104.6
84°	53.0	60.5	78.1
85°	40.6	46.0	58.3
86°	29.5	34.1	41.7
87°	20.6	24.6	27.2
88°	16.1	18.6	18.9
89°	11.5	12.6	10.9

REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	7.0	6.7	2.8
91°	6.8	6.4	2.6
92°	6.6	6.1	2.6
93°	6.2	5.7	2.6
94°	6.0	5.6	2.6
95°	5.9	5.5	2.7
96°	5.9	5.5	2.7
97°	5.9	5.4	2.7
98°	5.8	5.4	2.8
99°	5.8	5.4	2.8
100°	5.8	5.3	2.9
101°	5.8	5.3	2.9
102°	5.7	5.2	3.0
103°	5.7	5.2	3.0
104°	5.7	5.1	3.1
105°	5.6	5.1	3.2
106°	5.5	4.9	3.2
107°	5.4	4.8	3.3
108°	5.2	4.7	3.4
109°	5.2	4.7	3.5
110°	5.2	4.6	3.5
111°	5.2	4.6	3.6
112°	5.2	4.5	3.7
113°	5.2	4.5	3.8
114°	5.2	4.5	3.9
115°	5.3	4.5	4.0
116°	5.4	4.6	4.1
117°	5.4	4.6	4.2
118°	5.5	4.7	4.4
119°	5.7	4.7	4.5
120°	5.8	4.7	4.6
121°	5.8	4.7	4.6
122°	5.8	4.8	4.7
123°	5.8	4.7	4.7
124°	5.7	4.7	4.7
125°	5.7	4.7	4.7
126°	5.6	4.6	4.6
127°	5.4	4.5	4.5
128°	5.3	4.3	4.4
129°	5.1	4.2	4.2
130°	4.8	4.0	4.0
131°	4.6	3.7	3.8
132°	4.3	3.5	3.6
133°	3.9	3.2	3.3
134°	3.6	3.0	3.1

REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	3.3	2.7	2.8
136°	2.9	2.4	2.5
137°	2.5	2.2	2.2
138°	2.2	1.9	1.9
139°	1.9	1.7	1.7
140°	1.6	1.5	1.5
141°	1.3	1.3	1.3
142°	1.2	1.2	1.2
143°	1.1	1.1	1.2
144°	1.0	1.0	1.1
145°	1.0	1.0	1.0
146°	0.9	0.9	1.0
147°	0.9	0.9	0.9
148°	0.8	0.8	0.8
149°	0.8	0.8	0.8
150°	0.7	0.7	0.8
151°	0.7	0.7	0.7
152°	0.6	0.7	0.7
153°	0.6	0.6	0.6
154°	0.6	0.6	0.6
155°	0.5	0.6	0.6
156°	0.5	0.5	0.6
157°	0.5	0.5	0.5
158°	0.5	0.5	0.5
159°	0.5	0.5	0.5
160°	0.5	0.5	0.5
161°	0.5	0.5	0.5
162°	0.5	0.5	0.5
163°	0.5	0.5	0.5
164°	0.5	0.5	0.5
165°	0.5	0.5	0.5
166°	0.5	0.5	0.5
167°	0.5	0.5	0.5
168°	0.5	0.5	0.5
169°	0.5	0.5	0.5
170°	0.5	0.5	0.5
171°	0.5	0.5	0.5
172°	0.5	0.5	0.5
173°	0.5	0.5	0.5
174°	0.5	0.5	0.5
175°	0.5	0.5	0.5
176°	0.5	0.5	0.5
177°	0.5	0.5	0.5
178°	0.5	0.5	0.5
179°	0.5	0.5	0.5

REPORT NUMBER: P1192946
CATALOG NUMBER: BOLY42-25S-BZ-25W-3000K

CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.5	0.5	0.5

(END OF REPORT)