

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: P1192948

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

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192948
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-5000K
Description: Y-Shaped bollard, 42" length, 25W, BZ at 5000K

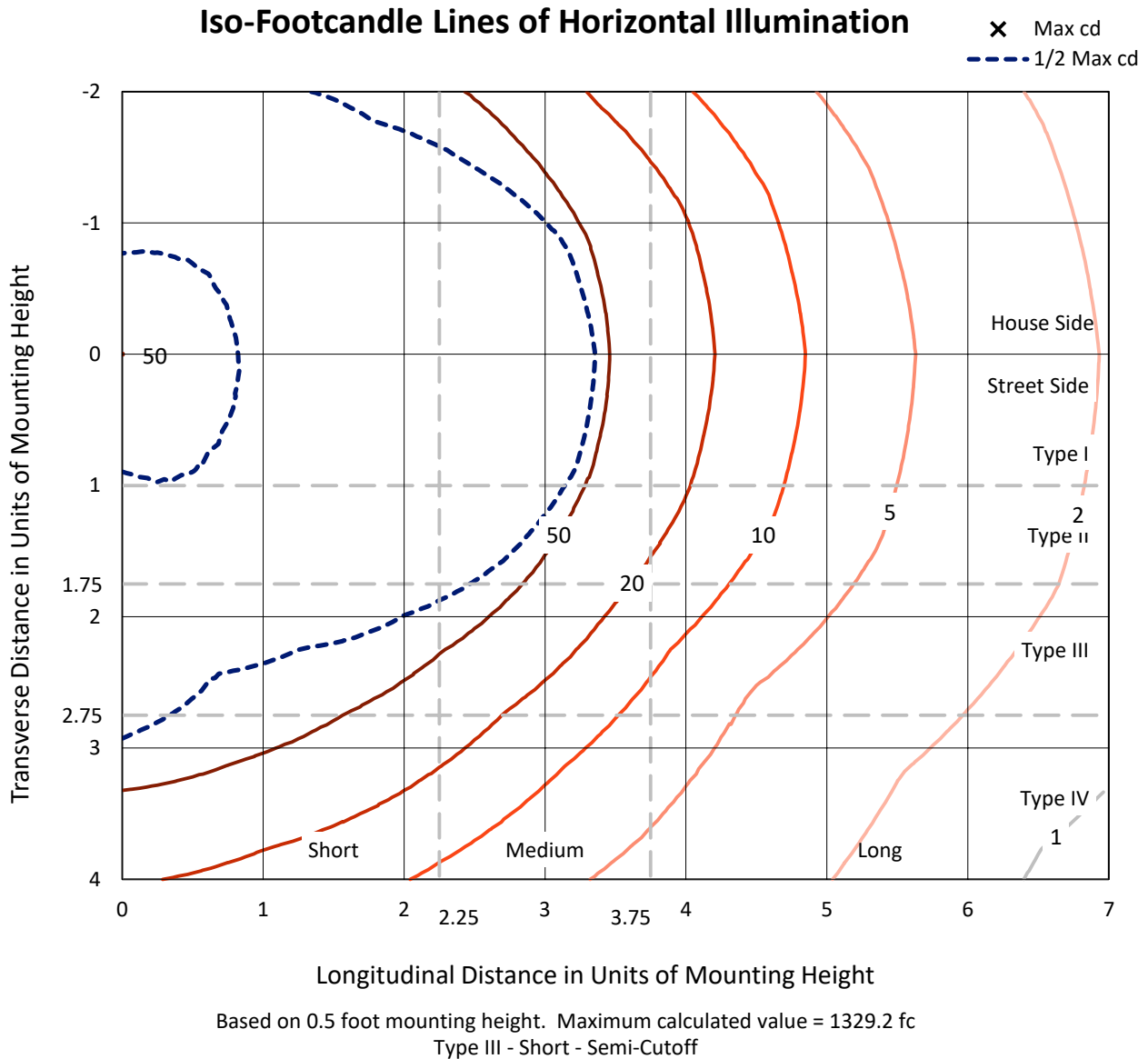
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 1889.2 (1 lamp)
Luminaire Lumens: 3377.2 lumens
Efficiency: 178.8%
Efficacy: 131.4 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U2 - G2

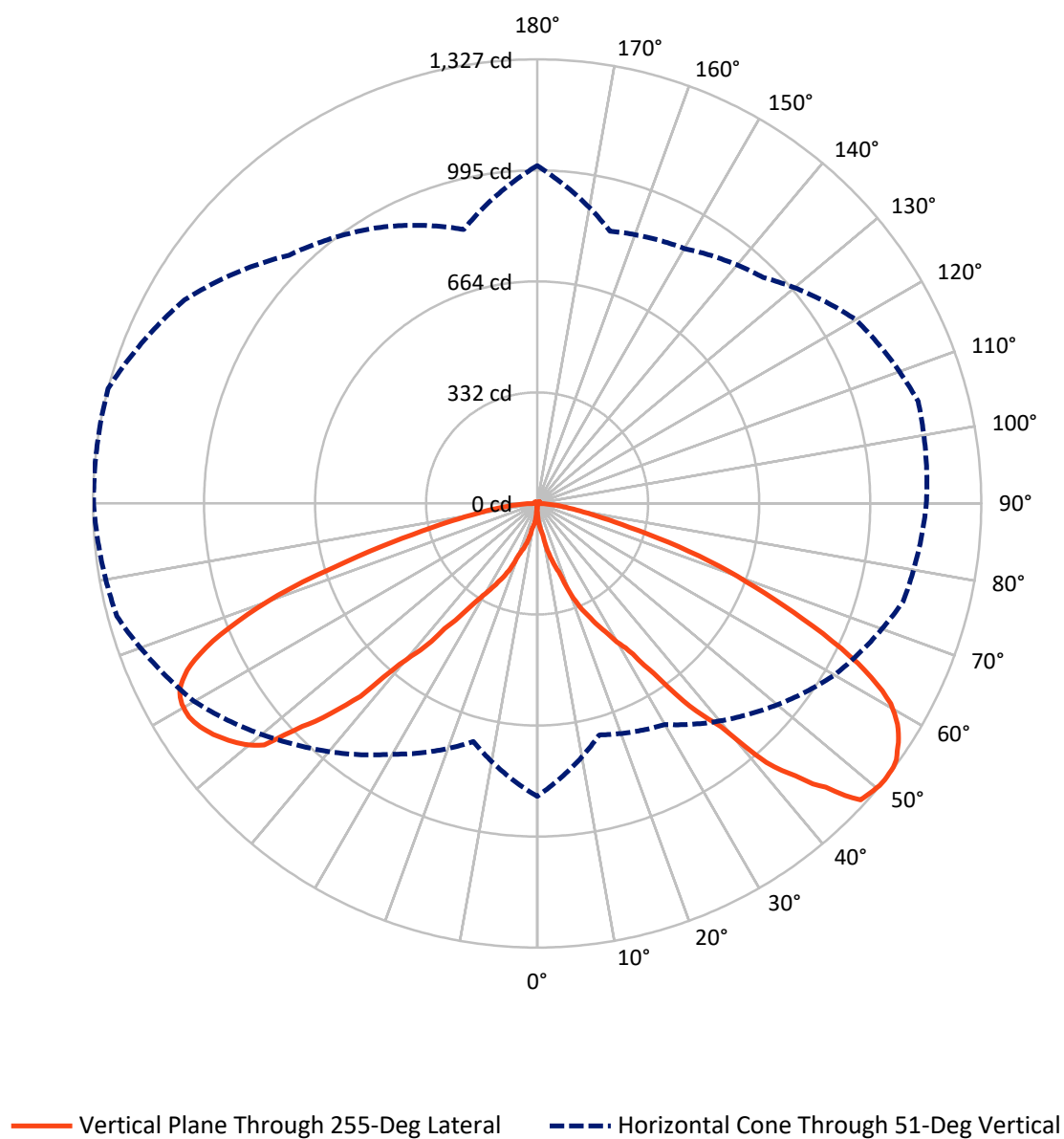
Input Watts (W): 25.7
Input Voltage (V): 122
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: >0.9
Total Harmonic Distortion (THDi): <20
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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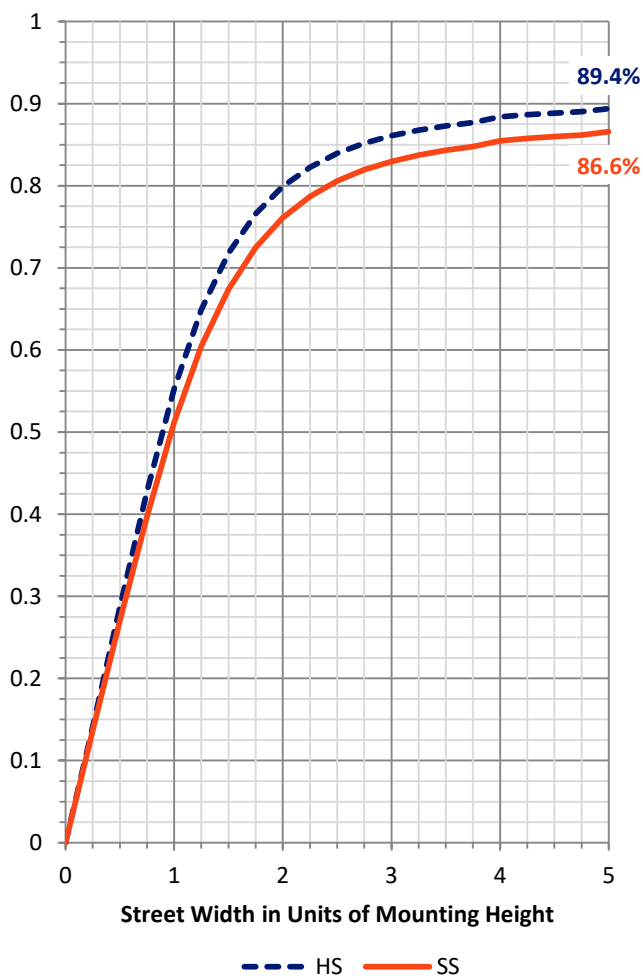
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1699.4	15.0	1714.4
	% Lamp	90.0	0.8	90.7
Street Side	Lumens	1648.3	14.5	1662.8
	% Lamp	87.2	0.8	88.0
Total	Lumens	3347.7	29.5	3377.2
	% Lamp	177.2	1.6	178.8

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	5.4	0.2	0.3
10°-20°	42.0	1.2	2.2
20°-30°	136.5	4.0	7.2
30°-40°	313.4	9.3	16.6
40°-50°	670.2	19.8	35.5
50°-60°	917.4	27.2	48.6
60°-70°	826.0	24.5	43.7
70°-80°	366.6	10.9	19.4
80°-90°	70.2	2.1	3.7
90°-100°	6.6	0.2	0.3
100°-110°	6.1	0.2	0.3
110°-120°	6.2	0.2	0.3
120°-130°	6.0	0.2	0.3
130°-140°	3.2	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°	3347.7	99.1	177.2
0°-180°	3377.2	100.0	178.8

Coefficient of Utilization



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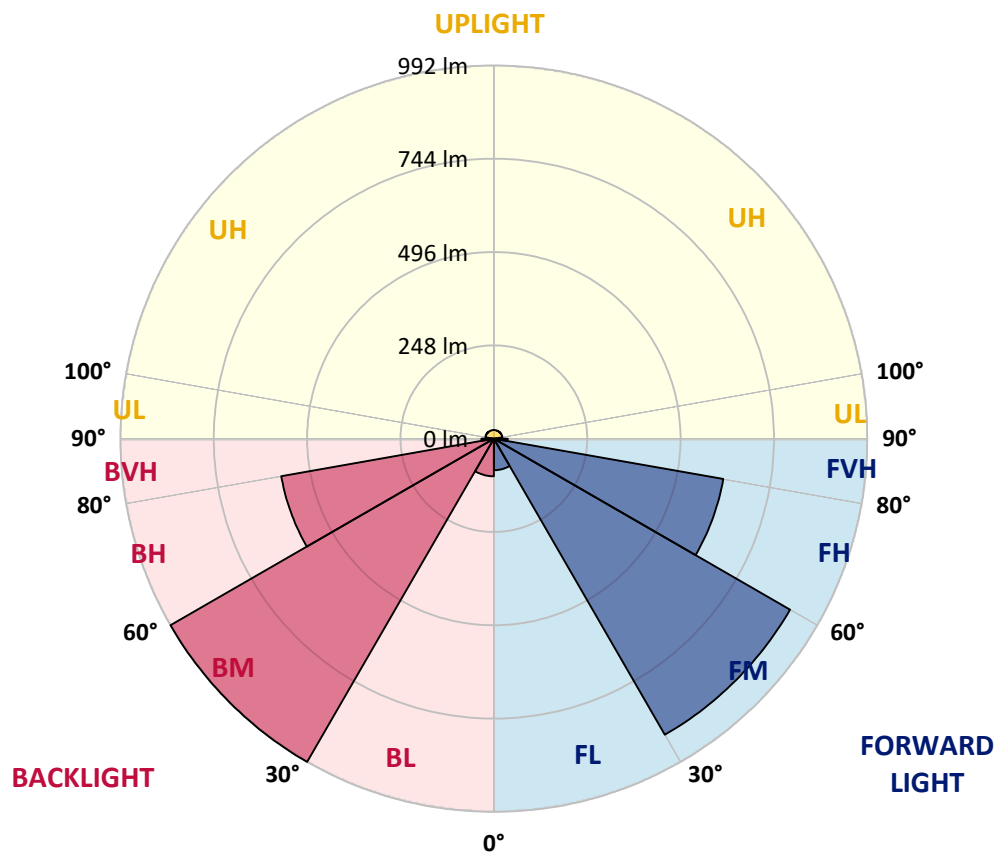
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	83.9	4.4			
FM	(30°-60°)	908.8	48.1			
FH	(60°-80°)	618.9	32.8			G0/660
FVH	(80°-90°)	36.8	1.9			G1/100
BL	(0°-30°)	100.0	5.3	B0/110		
BM	(30°-60°)	992.2	52.5	B1/1000		
BH	(60°-80°)	573.8	30.4	B2/1000		G2/1000
BVH	(80°-90°)	33.4	1.8			G1/100
UL	(90°-100°)	6.6	0.3		U1/10	
UH	(100°-180°)	22.9	1.2		U2/50	
Trapped Light		-1488.0	-78.8			

BUG Rating: B2-U2-G2

Type III Short



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

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
1°	8.8	8.5	8.0	7.2	6.5	6.5	6.2	6.3	6.9	7.4	7.9
2°	9.6	9.2	8.9	8.6	7.9	7.5	7.0	7.4	13.3	13.6	9.6
3°	22.2	18.7	10.5	9.7	9.5	9.7	10.6	13.9	19.8	19.9	11.3
4°	34.9	29.2	23.2	25.0	21.2	20.9	14.7	20.7	26.3	26.2	30.3
5°	47.5	39.8	36.1	34.1	33.0	32.1	36.5	38.7	37.6	35.0	41.1
6°	53.0	50.3	49.0	43.0	44.9	43.4	48.6	49.2	46.2	46.3	47.8
7°	57.2	54.8	53.7	51.9	49.6	54.7	56.4	55.7	53.6	50.5	54.5
8°	62.0	60.3	59.3	56.4	53.9	59.3	63.0	61.9	60.3	57.1	60.4
9°	67.0	63.4	62.0	60.5	57.0	62.7	68.9	65.6	64.6	61.1	65.2
10°	70.8	67.2	66.4	63.8	62.7	67.8	75.2	71.4	68.4	63.7	71.4
11°	77.6	72.5	70.5	67.3	67.2	72.8	79.5	75.7	73.8	70.2	78.3
12°	92.0	82.7	80.2	75.5	75.0	79.5	84.0	82.5	82.4	76.5	92.9
13°	103.2	92.9	92.1	94.4	92.9	95.6	97.2	98.7	101.5	98.5	109.7
14°	113.5	101.4	99.7	103.2	105.6	107.6	109.1	113.9	113.6	107.7	120.9
15°	121.4	113.0	107.2	109.6	114.5	119.7	121.6	125.2	127.1	120.2	133.0
16°	133.3	120.6	114.4	117.8	121.6	127.3	133.8	138.4	136.9	129.0	145.1
17°	140.6	129.7	119.9	124.4	130.8	138.9	139.9	147.7	146.1	141.3	155.0
18°	148.5	137.4	129.4	132.5	138.4	144.9	151.2	157.2	156.4	153.3	164.9
19°	158.6	145.1	136.6	138.8	146.2	153.6	163.1	166.7	166.7	165.3	175.0
20°	170.2	153.1	143.8	148.9	157.9	160.9	174.9	176.2	177.5	177.4	192.9
21°	183.1	164.9	161.7	164.6	175.1	176.5	186.8	199.1	201.7	208.0	219.4
22°	198.7	176.6	171.7	178.0	190.6	196.1	204.4	218.7	224.0	225.5	239.0
23°	211.8	188.3	183.0	189.8	201.6	213.0	219.9	231.0	242.5	241.7	256.9
24°	222.5	200.0	195.0	202.1	213.1	225.2	233.4	252.0	257.2	258.7	272.4
25°	232.9	208.0	206.4	213.7	225.2	240.1	248.1	266.5	272.9	275.1	284.5
26°	245.2	217.0	214.7	225.1	237.7	251.8	262.9	279.2	287.9	290.1	299.6
27°	259.1	229.5	224.9	237.6	251.5	263.9	276.8	293.5	301.4	304.1	313.9
28°	271.1	244.9	242.6	253.2	262.0	279.1	291.0	306.4	317.2	320.3	328.3
29°	284.3	253.7	255.6	267.7	274.0	291.8	304.9	319.3	335.6	336.8	340.6
30°	297.2	265.4	265.0	279.6	289.1	304.9	320.5	334.9	349.8	355.5	355.8
31°	308.4	275.9	275.0	292.1	303.3	319.4	336.0	349.4	366.3	372.0	367.4
32°	324.8	291.6	286.1	305.4	314.8	337.8	356.2	370.4	379.9	387.3	388.2
33°	342.7	307.5	302.9	324.2	326.6	356.9	384.3	390.2	393.9	411.8	408.3
34°	361.9	321.0	314.4	341.2	345.6	384.2	407.3	414.1	410.2	429.6	431.5
35°	391.3	337.6	337.4	362.6	360.8	411.8	428.1	442.1	429.3	450.9	445.3
36°	421.0	370.9	349.3	373.2	400.9	439.3	464.0	472.1	453.6	465.8	474.2
37°	450.7	389.9	378.1	406.4	441.3	465.1	510.1	521.4	493.1	505.9	520.7
38°	465.5	408.4	407.4	440.2	481.8	519.3	567.3	579.3	562.0	552.4	562.0
39°	503.3	430.1	436.7	455.0	512.3	560.2	603.2	616.8	592.6	567.1	578.6
40°	540.2	456.8	468.1	470.7	532.0	590.5	667.8	664.8	624.2	582.8	619.1
41°	583.4	485.2	487.7	504.2	575.8	633.0	690.9	700.0	678.1	616.8	632.6
42°	639.4	513.2	513.5	548.2	627.4	692.0	754.0	750.8	735.7	661.9	666.1
43°	674.4	556.2	569.0	610.1	690.7	781.5	836.7	839.4	805.3	722.6	722.0
44°	711.8	589.8	586.2	649.4	736.7	829.1	879.0	882.2	845.5	761.0	739.4

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

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	747.5	619.7	600.4	670.3	778.2	880.5	931.3	940.7	883.3	782.0	752.7
46°	781.1	636.8	614.1	703.8	826.8	929.8	971.9	984.9	930.7	821.0	765.0
47°	817.9	651.2	642.5	739.3	867.9	967.5	1011.9	1021.1	959.2	854.7	792.6
48°	835.4	673.5	685.6	781.3	920.0	1023.2	1061.0	1075.5	1014.8	909.5	842.4
49°	848.5	696.4	727.7	841.4	980.5	1088.8	1120.1	1139.9	1066.4	946.5	872.2
50°	861.2	707.5	745.8	866.9	1003.3	1112.6	1147.2	1164.1	1083.7	951.8	877.7
51°	875.3	716.1	762.7	891.3	1025.5	1131.9	1163.1	1178.6	1099.2	955.2	879.7
52°	888.5	727.0	778.9	909.7	1045.4	1147.9	1177.5	1193.8	1110.4	958.0	881.6
53°	898.7	737.6	790.5	918.5	1063.9	1162.1	1190.5	1208.0	1116.3	964.4	882.5
54°	908.3	746.3	803.1	926.7	1080.8	1175.5	1203.5	1217.6	1122.3	975.6	884.0
55°	917.8	753.2	815.1	936.0	1094.4	1188.8	1212.7	1226.3	1128.1	984.0	886.1
56°	923.6	759.3	827.9	945.8	1106.0	1198.7	1220.0	1233.0	1131.8	989.2	887.9
57°	926.0	761.2	836.5	955.1	1119.8	1208.2	1226.1	1236.9	1132.1	989.9	885.8
58°	929.4	759.5	842.7	964.1	1132.9	1215.3	1229.8	1236.4	1127.1	982.5	880.6
59°	931.5	755.3	845.9	973.6	1142.1	1220.0	1228.8	1234.2	1122.2	969.8	867.1
60°	925.2	749.9	843.0	979.5	1145.7	1220.3	1226.6	1229.2	1113.1	955.0	838.1
61°	915.2	742.1	839.3	981.9	1150.4	1219.2	1221.0	1219.2	1097.6	935.4	805.8
62°	904.1	735.5	834.1	979.2	1149.9	1213.7	1212.7	1202.3	1078.0	908.4	798.7
63°	891.2	727.4	823.0	970.7	1141.2	1203.5	1194.4	1180.2	1055.8	877.9	772.0
64°	876.2	718.7	806.5	950.5	1129.2	1184.2	1171.9	1155.2	1028.7	843.4	737.8
65°	856.7	704.2	781.3	921.7	1109.4	1158.3	1139.0	1122.3	991.0	804.1	697.4
66°	836.0	684.6	748.0	884.6	1077.7	1123.6	1101.6	1083.5	938.7	756.4	658.3
67°	808.8	657.7	703.7	844.8	1036.4	1079.0	1053.8	1035.9	879.6	699.4	618.1
68°	769.7	627.7	657.6	794.6	976.2	1024.3	1001.3	978.9	810.6	636.5	579.4
69°	719.7	600.2	608.5	727.6	897.8	959.7	945.5	913.7	739.6	574.9	541.8
70°	668.0	572.6	556.3	652.3	809.8	893.0	880.6	840.4	667.7	520.9	505.2
71°	622.6	539.9	513.9	578.6	722.9	821.6	809.2	765.2	601.9	475.3	465.5
72°	584.0	504.4	472.6	515.0	639.6	738.3	730.5	688.4	539.1	427.9	419.4
73°	537.3	459.3	433.1	453.4	560.7	642.2	649.2	609.8	479.6	380.5	373.2
74°	472.9	407.0	391.4	388.5	484.8	559.8	571.6	541.9	411.5	333.3	327.1
75°	417.0	355.0	348.6	333.1	403.8	486.2	502.9	471.6	343.5	295.7	290.1
76°	368.8	311.4	299.2	287.9	327.9	416.0	441.4	410.6	289.2	257.9	247.3
77°	318.9	272.4	257.0	245.0	266.3	353.5	379.9	349.7	244.1	225.9	211.7
78°	269.7	238.1	219.4	213.6	216.5	301.1	318.6	288.9	203.9	199.8	178.1
79°	224.9	205.1	185.9	188.9	177.9	257.0	272.8	240.6	172.1	171.2	154.0
80°	190.9	170.1	162.1	166.9	157.3	218.7	230.6	204.3	149.2	145.0	133.3
81°	164.3	144.9	138.5	144.9	137.1	185.4	194.6	174.9	131.6	125.6	116.6
82°	137.9	120.0	114.9	122.9	117.0	160.3	165.6	149.4	116.5	110.1	99.7
83°	111.4	98.9	98.0	106.4	100.1	135.5	141.2	125.6	101.3	94.6	82.3
84°	83.3	83.0	81.5	89.7	85.4	110.7	118.1	106.0	84.7	80.2	66.9
85°	62.1	68.9	68.2	74.6	71.9	92.5	96.8	88.6	71.6	67.0	55.1
86°	44.4	55.3	55.5	61.2	57.1	75.6	77.9	73.2	58.7	55.3	45.1
87°	28.9	40.5	42.3	49.2	45.3	60.0	62.3	58.6	46.5	43.8	35.0
88°	20.2	22.4	31.8	34.7	32.3	45.6	46.6	43.5	34.3	32.3	25.0
89°	11.6	16.9	19.5	22.5	20.4	29.0	30.9	28.5	22.0	20.8	14.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	3.0	11.9	13.4	17.2	13.8	14.3	15.3	13.6	11.5	10.6	8.7
91°	2.7	6.9	7.3	12.1	7.2	9.8	6.2	6.9	7.6	7.7	7.3
92°	2.7	6.7	6.9	6.9	6.2	5.4	5.1	5.8	6.5	7.1	7.0
93°	2.8	6.4	6.8	6.6	6.0	5.3	5.1	5.7	6.4	6.9	6.8
94°	2.8	6.0	6.5	6.5	5.9	5.3	5.1	5.7	6.3	6.8	6.6
95°	2.8	5.9	6.1	6.4	5.9	5.3	5.2	5.7	6.3	6.6	6.3
96°	2.9	5.9	6.1	6.0	5.9	5.4	5.3	5.8	6.3	6.4	6.2
97°	2.9	5.8	6.0	5.9	5.7	5.4	5.4	5.8	6.1	6.3	6.2
98°	3.0	5.8	6.0	5.9	5.6	5.3	5.5	5.8	6.0	6.3	6.2
99°	3.0	5.8	6.0	5.9	5.6	5.3	5.6	5.7	6.0	6.3	6.2
100°	3.1	5.7	6.0	5.9	5.6	5.3	5.6	5.8	6.1	6.4	6.2
101°	3.1	5.7	6.0	5.9	5.6	5.3	5.6	5.8	6.1	6.4	6.2
102°	3.2	5.7	5.9	5.9	5.7	5.4	5.6	5.9	6.2	6.4	6.2
103°	3.2	5.6	5.9	5.9	5.7	5.4	5.7	5.9	6.2	6.4	6.2
104°	3.3	5.6	5.9	5.9	5.8	5.5	5.8	6.0	6.2	6.4	6.2
105°	3.4	5.5	5.9	5.9	5.8	5.6	5.9	6.1	6.3	6.3	6.1
106°	3.4	5.5	5.9	5.9	5.8	5.6	6.0	6.1	6.3	6.3	6.1
107°	3.5	5.3	5.8	5.9	5.9	5.7	6.1	6.2	6.3	6.3	6.0
108°	3.6	5.1	5.8	5.9	5.9	5.8	6.2	6.3	6.3	6.3	5.9
109°	3.7	5.0	5.6	6.0	6.0	5.9	6.4	6.4	6.4	6.3	5.9
110°	3.8	5.0	5.5	6.0	6.1	6.1	6.5	6.5	6.4	6.3	5.8
111°	3.9	4.9	5.5	6.0	6.2	6.2	6.6	6.6	6.5	6.3	5.8
112°	4.0	4.9	5.5	5.9	6.3	6.3	6.7	6.7	6.6	6.3	5.7
113°	4.1	4.9	5.5	6.0	6.4	6.5	6.9	6.8	6.7	6.3	5.7
114°	4.2	4.9	5.5	6.0	6.4	6.6	7.0	6.9	6.8	6.4	5.7
115°	4.3	4.9	5.6	6.1	6.5	6.8	7.1	7.1	6.9	6.5	5.8
116°	4.4	4.9	5.6	6.2	6.6	6.9	7.3	7.2	7.0	6.6	5.8
117°	4.5	4.9	5.7	6.3	6.7	7.0	7.4	7.3	7.1	6.6	5.9
118°	4.6	5.0	5.8	6.4	6.8	7.2	7.6	7.5	7.2	6.8	6.0
119°	4.8	5.1	5.9	6.6	7.0	7.3	7.7	7.6	7.3	6.9	6.1
120°	4.9	5.1	6.0	6.7	7.1	7.4	7.9	7.7	7.5	7.0	6.2
121°	4.9	5.2	6.2	6.9	7.3	7.6	8.0	7.9	7.6	7.1	6.3
122°	5.0	5.2	6.3	7.0	7.4	7.8	8.1	8.1	7.8	7.3	6.4
123°	5.0	5.2	6.3	7.1	7.5	7.9	8.2	8.2	7.9	7.3	6.4
124°	5.0	5.2	6.3	7.1	7.6	7.9	8.3	8.3	7.9	7.3	6.3
125°	5.0	5.1	6.2	7.1	7.6	7.9	8.2	8.2	7.9	7.3	6.3
126°	4.9	5.1	6.2	7.0	7.5	7.9	8.2	8.1	7.9	7.2	6.2
127°	4.8	5.0	6.1	6.9	7.4	7.8	8.1	8.0	7.8	7.1	6.1
128°	4.7	4.8	5.9	6.8	7.3	7.6	7.9	7.9	7.6	7.0	6.0
129°	4.5	4.7	5.8	6.6	7.1	7.4	7.7	7.6	7.4	6.8	5.8
130°	4.3	4.5	5.6	6.4	6.8	7.2	7.4	7.4	7.1	6.6	5.6
131°	4.1	4.3	5.3	6.1	6.6	6.9	7.1	7.1	6.9	6.3	5.4
132°	3.8	4.1	5.0	5.8	6.3	6.6	6.8	6.8	6.5	6.0	5.1
133°	3.6	3.9	4.8	5.5	5.9	6.2	6.4	6.4	6.1	5.7	4.8
134°	3.3	3.6	4.4	5.1	5.5	5.8	6.0	6.0	5.7	5.3	4.5

REPORT NUMBER: P1192948
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	3.0	3.3	4.1	4.7	5.1	5.3	5.5	5.5	5.3	4.8	4.1
136°	2.7	3.0	3.7	4.3	4.6	4.9	5.1	5.0	4.8	4.4	3.7
137°	2.3	2.8	3.3	3.8	4.2	4.4	4.6	4.5	4.3	3.9	3.3
138°	2.0	2.5	3.0	3.4	3.7	3.9	4.1	4.0	3.8	3.4	2.9
139°	1.8	2.2	2.6	2.9	3.2	3.4	3.6	3.5	3.3	3.0	2.6
140°	1.6	1.9	2.2	2.5	2.7	2.9	3.1	3.0	2.8	2.5	2.2
141°	1.4	1.6	1.9	2.1	2.3	2.4	2.6	2.5	2.4	2.1	1.9
142°	1.3	1.4	1.6	1.8	1.9	2.0	2.2	2.1	2.0	1.8	1.6
143°	1.2	1.3	1.4	1.5	1.6	1.7	1.9	1.8	1.7	1.6	1.4
144°	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.5	1.3
145°	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.5	1.4	1.3
146°	1.0	1.1	1.1	1.2	1.2	1.3	1.5	1.4	1.4	1.3	1.2
147°	1.0	1.0	1.1	1.1	1.1	1.2	1.4	1.4	1.3	1.2	1.2
148°	0.9	1.0	1.0	1.0	1.1	1.1	1.3	1.3	1.2	1.2	1.1
149°	0.9	0.9	0.9	1.0	1.0	1.0	1.2	1.2	1.2	1.1	1.0
150°	0.8	0.9	0.9	0.9	0.9	1.0	1.2	1.1	1.1	1.1	1.0
151°	0.8	0.8	0.8	0.9	0.9	0.9	1.1	1.1	1.0	1.0	0.9
152°	0.7	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.0	0.9	0.9
153°	0.7	0.7	0.7	0.8	0.8	0.8	1.0	0.9	0.9	0.9	0.8
154°	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.8	0.8
155°	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
156°	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.7	0.7
157°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
158°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
159°	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6
160°	0.5	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
161°	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.6
162°	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
163°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
164°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
165°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
166°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
167°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
168°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
169°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
170°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
171°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
172°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
173°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
174°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176°	0.6	0.6	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	0.5	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: P1192948
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

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: P1192948
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
1°	13.3	9.1	13.7	20.1	22.3	23.2	23.2	9.8	9.8	9.6	9.4
2°	18.1	9.9	19.1	26.3	30.0	31.6	31.7	26.3	25.7	24.4	22.8
3°	22.9	29.3	33.8	38.7	43.7	45.2	47.2	42.8	41.7	39.6	36.4
4°	37.3	40.6	43.5	45.5	50.7	54.5	57.7	59.3	57.7	54.8	50.0
5°	47.2	50.9	52.1	52.3	54.7	60.9	64.3	66.8	66.4	60.6	54.2
6°	54.5	57.2	55.9	58.5	60.5	65.3	71.0	73.6	70.3	65.0	61.4
7°	61.0	64.6	62.7	61.7	64.7	71.5	75.5	79.7	75.1	69.3	66.8
8°	66.4	68.9	68.9	68.2	71.8	76.6	83.0	85.0	79.9	73.0	70.9
9°	72.4	74.3	74.1	74.3	78.4	82.8	88.7	91.0	85.4	78.2	78.8
10°	77.9	80.7	81.0	79.4	86.2	92.6	98.2	104.2	96.9	86.4	83.1
11°	86.4	89.7	98.9	102.3	113.8	121.1	127.2	125.4	121.0	111.9	103.4
12°	100.1	104.3	115.4	118.4	130.5	138.5	144.0	142.0	137.0	128.4	119.0
13°	112.0	120.3	126.8	134.2	145.7	152.9	158.0	156.4	150.8	139.1	130.9
14°	128.4	136.4	138.7	147.8	158.6	167.2	172.0	168.5	161.9	152.5	141.5
15°	145.1	149.2	150.6	161.4	171.4	181.5	187.3	184.2	176.6	162.1	150.5
16°	158.3	162.1	162.4	175.0	184.2	195.9	200.7	196.3	188.0	174.2	161.5
17°	171.5	174.9	174.4	190.6	199.1	209.3	213.9	210.1	199.1	185.0	170.5
18°	185.1	187.2	190.7	204.6	214.9	226.4	232.5	232.3	215.6	197.2	180.8
19°	196.5	200.7	211.6	235.0	254.6	265.3	268.3	264.3	244.2	229.7	209.0
20°	220.3	220.6	237.2	255.0	274.5	294.7	292.1	286.8	268.9	249.5	226.1
21°	239.3	236.7	253.9	270.9	292.8	314.3	313.5	305.5	290.1	269.8	240.8
22°	254.0	262.6	271.8	292.3	310.9	332.6	336.0	323.7	308.4	286.4	253.5
23°	273.3	275.6	284.4	310.8	337.4	350.4	352.1	342.6	325.8	302.3	271.7
24°	287.4	293.8	298.0	329.7	354.8	370.5	368.7	360.6	342.1	316.6	289.3
25°	299.8	306.9	315.3	344.8	370.8	388.9	388.5	379.1	358.0	331.0	304.2
26°	314.2	325.0	326.7	359.4	389.8	406.6	407.0	397.6	373.1	346.7	317.0
27°	337.6	345.9	339.9	372.7	408.1	425.9	424.7	416.2	393.9	361.2	330.0
28°	354.7	360.5	358.6	392.9	423.3	443.4	442.3	436.1	414.8	375.7	345.1
29°	370.0	373.8	373.0	410.9	443.7	458.7	467.5	457.1	432.7	393.8	364.7
30°	384.6	392.5	387.1	422.7	465.5	473.7	487.9	479.5	449.7	411.9	381.4
31°	404.9	416.3	401.6	434.4	483.9	490.4	506.5	508.5	477.1	426.9	398.1
32°	430.3	434.5	421.3	459.7	499.3	510.2	532.8	533.4	509.0	441.8	414.8
33°	443.8	450.0	444.9	484.5	522.3	529.6	580.4	564.9	528.1	472.3	427.8
34°	460.9	491.9	473.9	515.7	534.8	566.3	615.9	627.0	576.3	500.2	455.8
35°	504.4	528.1	503.2	534.2	568.3	610.2	673.1	700.8	625.8	554.2	485.8
36°	533.8	564.2	534.1	588.9	618.6	700.1	733.9	747.9	683.0	611.4	532.0
37°	550.0	594.6	578.0	625.6	637.1	726.2	781.4	797.6	729.9	651.9	550.5
38°	589.2	644.7	602.9	637.3	658.3	753.4	822.9	849.1	756.7	683.4	569.7
39°	624.1	662.5	632.6	648.8	698.7	804.6	865.3	895.4	816.0	730.7	611.1
40°	666.9	725.0	671.9	664.5	735.9	864.0	951.5	976.0	876.5	778.7	647.7
41°	679.5	771.0	697.4	727.7	803.3	928.8	1033.7	1047.7	971.6	853.9	719.1
42°	722.1	817.3	744.1	769.7	847.5	977.4	1082.9	1096.3	1015.0	891.4	758.0
43°	741.1	847.9	779.4	787.6	864.4	1021.3	1121.3	1129.9	1065.8	939.8	786.9
44°	788.4	888.1	787.5	804.4	893.9	1064.2	1175.5	1180.2	1109.7	978.1	810.8

REPORT NUMBER: P1192948
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	803.8	928.2	794.4	834.2	940.6	1102.0	1209.2	1212.9	1156.0	1033.3	853.4
46°	811.4	962.3	799.6	860.2	984.9	1149.2	1268.6	1268.8	1212.5	1077.9	903.3
47°	814.9	989.5	816.6	917.0	1042.2	1196.9	1311.1	1304.4	1261.3	1133.1	971.0
48°	818.2	997.8	835.1	934.1	1051.6	1205.6	1316.4	1311.1	1276.8	1147.8	992.7
49°	826.0	1003.4	840.1	943.3	1051.6	1209.4	1320.9	1318.0	1286.8	1162.6	1003.3
50°	833.8	1007.2	845.0	949.5	1050.2	1214.7	1325.4	1322.0	1295.7	1174.2	1012.8
51°	842.4	1009.4	847.5	951.6	1049.0	1216.5	1327.1	1325.5	1300.5	1183.3	1019.6
52°	850.1	1010.4	848.6	950.0	1048.2	1214.4	1325.9	1325.9	1303.3	1192.5	1024.7
53°	855.5	1009.2	849.0	944.2	1044.5	1207.4	1324.8	1323.6	1303.2	1196.2	1027.4
54°	860.5	1006.5	847.3	935.6	1039.8	1204.0	1318.6	1319.3	1301.8	1197.5	1029.1
55°	864.1	999.8	842.4	923.6	1030.7	1192.2	1305.8	1312.6	1297.8	1197.3	1031.3
56°	863.1	985.4	831.8	905.8	1020.0	1178.5	1294.9	1302.2	1291.7	1195.2	1033.3
57°	850.8	977.5	817.4	881.4	1004.7	1164.3	1280.3	1287.7	1282.1	1190.7	1031.1
58°	852.0	973.1	804.6	858.0	982.1	1148.0	1263.3	1270.0	1267.0	1183.4	1020.3
59°	849.1	958.4	790.8	833.0	950.0	1122.7	1239.5	1248.8	1245.6	1164.0	998.9
60°	835.4	940.9	773.8	808.1	912.9	1089.2	1214.3	1220.6	1214.5	1137.9	971.6
61°	818.0	912.6	752.1	772.8	867.1	1046.1	1173.7	1183.5	1175.7	1102.7	936.0
62°	797.1	893.3	738.1	734.5	822.0	998.3	1125.9	1137.4	1130.3	1059.0	896.2
63°	772.0	866.5	714.5	694.0	776.2	944.2	1071.1	1085.6	1077.7	1007.9	852.1
64°	744.5	835.3	687.5	655.7	722.5	880.8	1007.1	1027.7	1024.1	953.9	799.4
65°	715.5	806.1	658.3	614.3	670.1	814.5	938.8	962.6	960.2	896.7	744.4
66°	685.9	772.5	626.5	574.1	618.7	748.3	867.6	894.8	894.5	835.9	691.6
67°	654.5	736.1	596.3	535.8	567.3	686.8	797.5	823.1	831.9	772.2	639.9
68°	622.5	699.7	564.9	499.1	521.1	625.1	731.5	750.1	774.5	714.5	583.7
69°	583.6	653.1	532.5	464.1	473.7	560.3	667.7	683.4	715.7	656.7	526.5
70°	535.9	601.8	495.6	428.6	428.9	494.1	607.7	621.9	650.6	594.6	473.4
71°	487.3	552.2	450.4	393.2	384.2	430.0	542.9	561.5	581.7	532.6	421.0
72°	447.3	506.9	404.9	357.6	339.7	365.8	475.4	500.9	512.8	465.6	367.0
73°	406.5	466.8	359.7	317.8	304.4	302.0	409.6	438.1	444.3	405.6	318.9
74°	365.8	413.7	322.4	281.8	274.0	256.8	343.9	376.4	389.2	352.0	271.6
75°	325.0	360.7	279.9	246.9	240.0	215.2	286.1	325.8	339.4	298.4	226.5
76°	280.3	307.8	241.0	216.8	213.3	179.6	238.2	281.4	288.9	244.9	191.1
77°	239.6	263.6	202.6	190.1	190.4	152.7	202.5	242.8	242.5	197.9	165.5
78°	203.7	221.5	168.7	160.7	162.3	129.7	169.3	205.3	201.3	166.7	140.3
79°	170.2	186.4	138.7	134.0	138.7	112.0	140.9	173.6	170.0	135.5	115.0
80°	147.2	156.5	114.2	112.8	119.4	96.9	119.0	151.0	144.2	104.3	98.7
81°	127.6	131.5	93.0	95.2	100.4	83.0	102.4	128.5	118.5	86.4	83.9
82°	105.8	108.0	74.3	78.4	84.4	69.2	86.6	106.1	98.6	70.4	70.9
83°	86.2	87.6	60.5	64.3	69.9	57.9	72.7	88.4	81.1	55.1	59.9
84°	68.7	71.6	50.6	50.9	56.6	47.1	60.2	72.2	64.7	43.8	49.1
85°	53.7	55.6	40.6	40.7	43.9	36.3	46.5	54.9	48.9	35.2	40.1
86°	41.1	39.6	30.5	30.5	31.2	25.5	32.8	37.7	35.2	24.4	27.0
87°	28.5	23.5	20.5	20.3	18.6	14.8	19.2	19.9	20.5	18.5	16.1
88°	16.1	10.6	9.6	10.4	9.2	8.0	6.9	12.3	13.1	12.8	12.0
89°	9.9	4.3	7.5	7.9	7.7	6.7	5.5	4.8	5.8	7.0	7.9

REPORT NUMBER: P1192948
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	7.0	3.2	6.7	7.2	7.1	6.3	5.5	4.8	5.6	6.5	7.3
91°	6.6	3.2	6.5	7.0	7.0	6.3	5.5	4.9	5.5	6.4	7.1
92°	6.5	3.1	6.4	6.9	6.9	6.3	5.6	5.0	5.6	6.4	7.0
93°	6.2	3.1	6.0	6.7	6.8	6.3	5.6	5.0	5.6	6.3	6.8
94°	5.9	3.2	5.9	6.4	6.6	6.3	5.7	5.1	5.6	6.2	6.5
95°	5.9	3.2	5.9	6.4	6.5	6.1	5.8	5.2	5.6	6.0	6.4
96°	5.9	3.2	5.9	6.4	6.5	6.1	5.8	5.3	5.5	6.0	6.4
97°	5.9	3.3	6.0	6.4	6.5	6.1	5.8	5.3	5.5	6.0	6.4
98°	5.9	3.3	6.0	6.4	6.5	6.2	5.8	5.4	5.5	6.0	6.4
99°	5.9	3.3	6.0	6.4	6.5	6.2	5.9	5.4	5.6	6.0	6.4
100°	5.9	3.4	6.0	6.4	6.5	6.3	6.0	5.4	5.7	6.0	6.3
101°	5.9	3.4	6.0	6.4	6.5	6.3	6.0	5.5	5.7	6.1	6.3
102°	5.8	3.5	5.9	6.4	6.5	6.3	6.1	5.6	5.8	6.1	6.3
103°	5.8	3.6	5.9	6.4	6.5	6.4	6.2	5.7	5.9	6.1	6.3
104°	5.7	3.6	5.8	6.3	6.5	6.4	6.3	5.8	5.9	6.1	6.3
105°	5.7	3.7	5.7	6.3	6.5	6.5	6.4	6.0	6.0	6.2	6.2
106°	5.6	3.7	5.7	6.2	6.5	6.5	6.5	6.1	6.1	6.2	6.2
107°	5.5	3.8	5.6	6.1	6.5	6.6	6.6	6.3	6.2	6.3	6.2
108°	5.4	3.9	5.5	6.1	6.5	6.6	6.7	6.4	6.3	6.3	6.2
109°	5.3	3.9	5.4	6.0	6.5	6.7	6.9	6.6	6.5	6.4	6.1
110°	5.3	4.0	5.3	6.0	6.5	6.8	7.0	6.7	6.6	6.5	6.1
111°	5.2	4.1	5.2	6.0	6.6	6.9	7.1	6.9	6.8	6.5	6.1
112°	5.1	4.2	5.2	6.0	6.7	7.1	7.3	7.1	6.9	6.6	6.2
113°	5.1	4.3	5.1	6.0	6.7	7.2	7.4	7.3	7.0	6.7	6.2
114°	5.1	4.4	5.1	6.0	6.8	7.3	7.6	7.4	7.2	6.8	6.4
115°	5.0	4.5	5.1	6.1	6.9	7.5	7.8	7.6	7.3	7.0	6.5
116°	5.0	4.6	5.1	6.2	7.1	7.6	7.9	7.8	7.5	7.1	6.6
117°	5.1	4.7	5.2	6.3	7.2	7.8	8.1	8.0	7.7	7.3	6.7
118°	5.1	4.8	5.2	6.4	7.4	7.9	8.3	8.2	7.8	7.5	6.9
119°	5.2	4.9	5.3	6.5	7.5	8.1	8.4	8.4	8.0	7.6	7.0
120°	5.2	5.0	5.3	6.6	7.7	8.3	8.6	8.5	8.2	7.8	7.2
121°	5.2	5.1	5.3	6.7	7.8	8.4	8.7	8.6	8.3	7.9	7.3
122°	5.2	5.1	5.3	6.7	7.8	8.4	8.7	8.6	8.3	7.9	7.3
123°	5.2	5.1	5.3	6.6	7.8	8.4	8.6	8.6	8.3	7.9	7.3
124°	5.2	5.1	5.2	6.6	7.7	8.3	8.6	8.5	8.3	7.8	7.2
125°	5.1	5.0	5.1	6.5	7.6	8.2	8.4	8.4	8.1	7.7	7.1
126°	5.0	5.0	5.0	6.4	7.5	8.0	8.2	8.2	8.0	7.6	7.0
127°	4.9	4.9	4.9	6.2	7.3	7.8	8.0	8.0	7.7	7.4	6.8
128°	4.8	4.7	4.8	6.0	7.1	7.5	7.7	7.7	7.5	7.2	6.6
129°	4.6	4.6	4.6	5.8	6.8	7.2	7.4	7.3	7.1	6.9	6.4
130°	4.4	4.4	4.4	5.5	6.5	6.8	7.0	6.9	6.8	6.5	6.1
131°	4.2	4.1	4.1	5.2	6.1	6.4	6.5	6.4	6.3	6.1	5.7
132°	4.0	3.9	3.9	4.9	5.6	5.9	6.1	6.0	5.9	5.7	5.3
133°	3.7	3.6	3.6	4.5	5.1	5.4	5.5	5.4	5.4	5.2	4.9
134°	3.5	3.3	3.4	4.1	4.7	4.9	5.0	4.9	4.8	4.7	4.4

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	3.2	3.0	3.1	3.7	4.1	4.3	4.4	4.3	4.3	4.2	3.9
136°	2.9	2.6	2.8	3.3	3.6	3.8	3.8	3.7	3.7	3.6	3.5
137°	2.7	2.3	2.5	2.8	3.1	3.2	3.2	3.2	3.1	3.1	3.0
138°	2.4	2.0	2.2	2.4	2.6	2.7	2.7	2.6	2.6	2.6	2.5
139°	2.1	1.7	1.9	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1
140°	1.8	1.5	1.6	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7
141°	1.6	1.4	1.4	1.4	1.5	1.5	1.6	1.5	1.5	1.5	1.4
142°	1.4	1.3	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.4	1.3
143°	1.3	1.3	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.3	1.2
144°	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.1
145°	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.1
146°	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0
147°	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	0.9	0.9	0.9
148°	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9
149°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
150°	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.8
151°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
152°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7
153°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
154°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
155°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.6
156°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
157°	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
158°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
159°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5
160°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
161°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
162°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
163°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5
164°	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5
165°	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
166°	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
167°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
168°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
169°	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
170°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
171°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
172°	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
173°	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
174°	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
176°	0.5	0.6	0.6	0.6	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	0.5	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: P1192948
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CANDELA DISTRIBUTION (continued):

180°	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

REPORT NUMBER: P1192948
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	10.4	10.4	10.4
1°	9.2	8.9	8.8
2°	21.0	15.9	9.6
3°	33.0	27.1	22.2
4°	44.9	38.4	34.9
5°	53.3	49.7	47.5
6°	59.2	54.6	53.0
7°	62.6	60.7	57.2
8°	69.9	65.8	62.0
9°	74.3	70.6	67.0
10°	81.0	75.4	70.8
11°	96.0	85.8	77.6
12°	110.1	99.4	92.0
13°	122.6	108.0	103.2
14°	129.0	119.7	113.5
15°	137.9	129.0	121.4
16°	146.3	137.5	133.3
17°	156.9	147.2	140.6
18°	166.9	156.4	148.5
19°	185.9	166.8	158.6
20°	206.0	184.3	170.2
21°	216.2	196.5	183.1
22°	230.8	211.0	198.7
23°	241.7	220.6	211.8
24°	255.1	231.4	222.5
25°	270.7	244.3	232.9
26°	283.7	256.8	245.2
27°	292.8	267.3	259.1
28°	306.5	278.5	271.1
29°	319.4	292.9	284.3
30°	335.3	303.2	297.2
31°	346.5	318.0	308.4
32°	364.5	328.1	324.8
33°	386.9	351.0	342.7
34°	409.4	370.5	361.9
35°	432.0	397.7	391.3
36°	467.3	425.1	421.0
37°	504.9	452.4	450.7
38°	527.7	475.2	465.5
39°	540.1	503.5	503.3
40°	554.0	526.8	540.2
41°	599.2	558.7	583.4
42°	646.0	593.6	639.4
43°	666.7	638.4	674.4
44°	686.9	654.6	711.8

REPORT NUMBER: P1192948
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	719.8	668.0	747.5
46°	740.3	679.1	781.1
47°	796.1	694.6	817.9
48°	824.0	715.2	835.4
49°	836.1	721.6	848.5
50°	851.0	728.8	861.2
51°	865.0	736.6	875.3
52°	876.5	743.7	888.5
53°	882.7	751.2	898.7
54°	884.5	757.0	908.3
55°	882.1	760.2	917.8
56°	879.1	761.8	923.6
57°	872.4	763.7	926.0
58°	864.2	765.0	929.4
59°	850.2	766.2	931.5
60°	832.2	764.8	925.2
61°	811.8	761.6	915.2
62°	784.8	755.4	904.1
63°	756.4	743.6	891.2
64°	725.0	727.7	876.2
65°	686.0	709.0	856.7
66°	646.8	684.5	836.0
67°	608.5	658.9	808.8
68°	566.4	629.5	769.7
69°	514.5	589.4	719.7
70°	465.0	542.5	668.0
71°	411.7	499.2	622.6
72°	371.2	449.1	584.0
73°	341.1	400.7	537.3
74°	306.7	363.7	472.9
75°	271.3	327.6	417.0
76°	241.5	287.1	368.8
77°	208.5	245.6	318.9
78°	181.2	200.3	269.7
79°	157.6	172.6	224.9
80°	134.1	145.1	190.9
81°	110.5	117.7	164.3
82°	88.4	96.6	137.9
83°	69.5	79.5	111.4
84°	56.5	64.5	83.3
85°	43.3	49.0	62.1
86°	31.4	36.3	44.4
87°	22.0	26.2	28.9
88°	17.1	19.8	20.2
89°	12.3	13.5	11.6

REPORT NUMBER: P1192948
CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	7.4	7.2	3.0
91°	7.2	6.8	2.7
92°	7.0	6.5	2.7
93°	6.6	6.0	2.8
94°	6.4	6.0	2.8
95°	6.3	5.9	2.8
96°	6.3	5.9	2.9
97°	6.2	5.8	2.9
98°	6.2	5.7	3.0
99°	6.2	5.7	3.0
100°	6.2	5.7	3.1
101°	6.1	5.6	3.1
102°	6.1	5.6	3.2
103°	6.1	5.5	3.2
104°	6.0	5.5	3.3
105°	6.0	5.4	3.4
106°	5.9	5.3	3.4
107°	5.7	5.1	3.5
108°	5.6	5.0	3.6
109°	5.5	5.0	3.7
110°	5.5	4.9	3.8
111°	5.5	4.9	3.9
112°	5.5	4.8	4.0
113°	5.5	4.8	4.1
114°	5.6	4.8	4.2
115°	5.6	4.8	4.3
116°	5.7	4.9	4.4
117°	5.8	4.9	4.5
118°	5.9	5.0	4.6
119°	6.0	5.0	4.8
120°	6.1	5.0	4.9
121°	6.2	5.1	4.9
122°	6.2	5.1	5.0
123°	6.2	5.1	5.0
124°	6.1	5.0	5.0
125°	6.0	5.0	5.0
126°	5.9	4.9	4.9
127°	5.8	4.7	4.8
128°	5.6	4.6	4.7
129°	5.4	4.4	4.5
130°	5.1	4.2	4.3
131°	4.9	4.0	4.1
132°	4.5	3.7	3.8
133°	4.2	3.5	3.6
134°	3.8	3.2	3.3

REPORT NUMBER: P1192948
 CATALOG NUMBER: BOLY42-25S-BZ-25W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	3.5	2.9	3.0
136°	3.1	2.6	2.7
137°	2.7	2.3	2.3
138°	2.3	2.1	2.0
139°	2.0	1.8	1.8
140°	1.7	1.6	1.6
141°	1.4	1.4	1.4
142°	1.3	1.3	1.3
143°	1.2	1.2	1.2
144°	1.1	1.1	1.2
145°	1.0	1.0	1.1
146°	1.0	1.0	1.0
147°	0.9	0.9	1.0
148°	0.9	0.9	0.9
149°	0.8	0.8	0.9
150°	0.8	0.8	0.8
151°	0.7	0.7	0.8
152°	0.7	0.7	0.7
153°	0.6	0.7	0.7
154°	0.6	0.6	0.7
155°	0.6	0.6	0.6
156°	0.5	0.6	0.6
157°	0.5	0.6	0.6
158°	0.5	0.5	0.6
159°	0.5	0.5	0.6
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	0.6
164°	0.5	0.5	0.6
165°	0.5	0.5	0.6
166°	0.5	0.6	0.6
167°	0.5	0.6	0.6
168°	0.5	0.6	0.6
169°	0.5	0.6	0.6
170°	0.5	0.5	0.6
171°	0.5	0.5	0.6
172°	0.5	0.5	0.6
173°	0.5	0.6	0.6
174°	0.5	0.6	0.6
175°	0.5	0.6	0.6
176°	0.5	0.6	0.6
177°	0.5	0.5	0.5
178°	0.5	0.5	0.5
179°	0.5	0.5	0.5

REPORT NUMBER: P1192948
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CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.5	0.5	0.5

(END OF REPORT)