

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: P1192947

Luminaire Tested: BOLY42-25S-BZ-25W-4000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192947
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-4000K
Description: Y-Shaped bollard, 42" length, 25W, BZ at 4000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

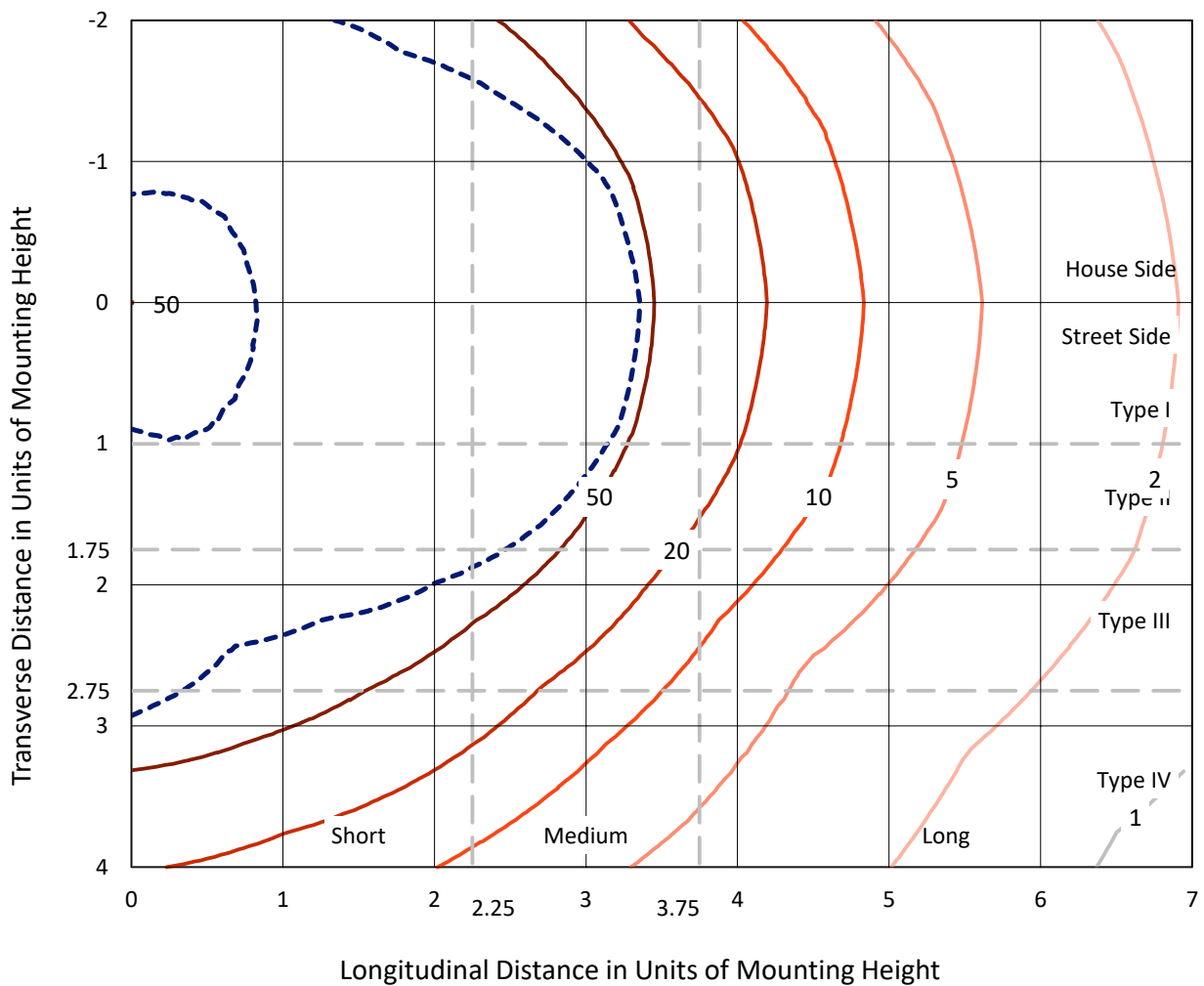
Lumens per Lamp: 1889.2 (1 lamp)
Luminaire Lumens: 3334.2 lumens
Efficiency: 176.5%
Efficacy: 133.4 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U2 - G2

Input Watts (W): 25
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

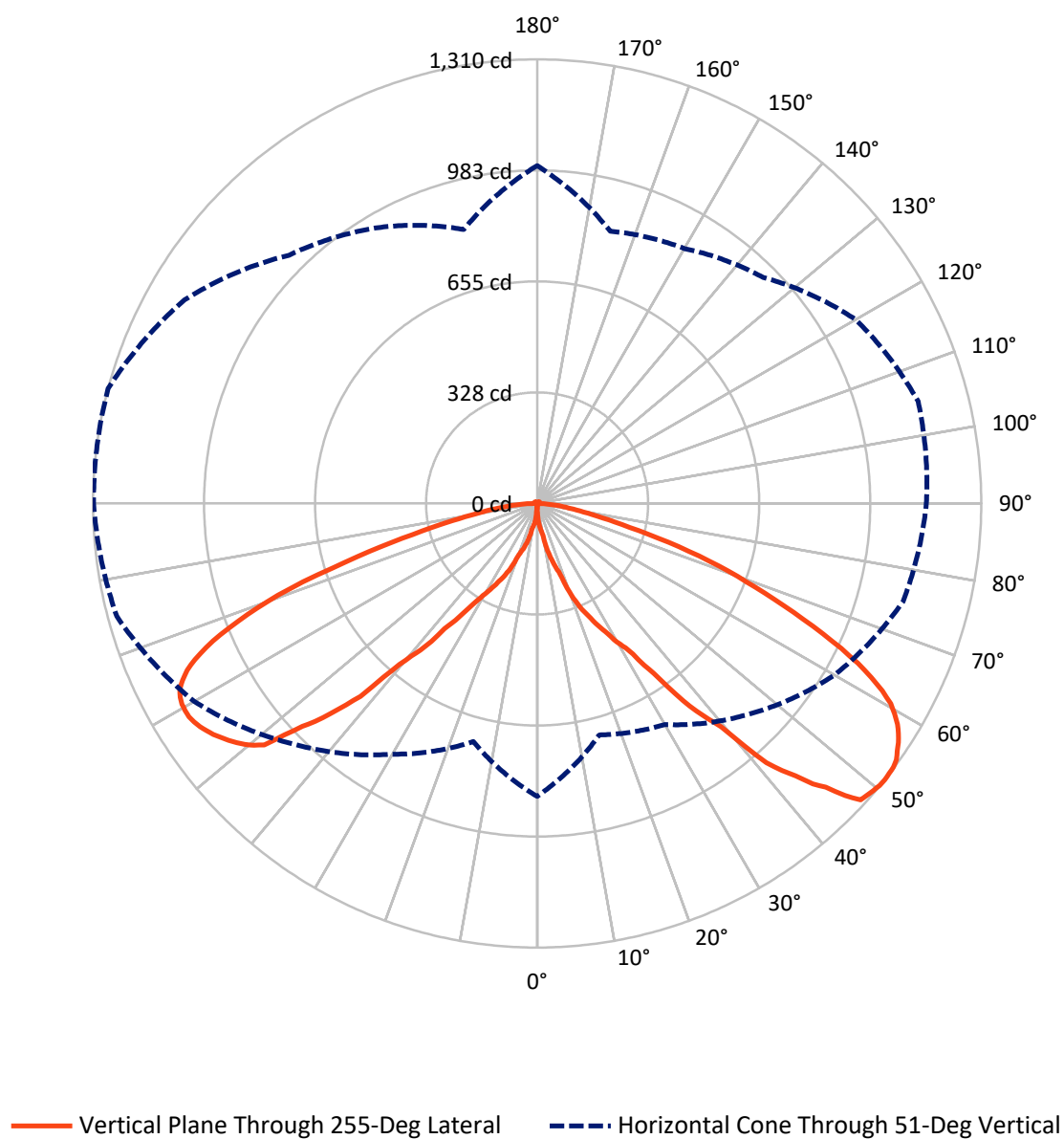
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1312.2 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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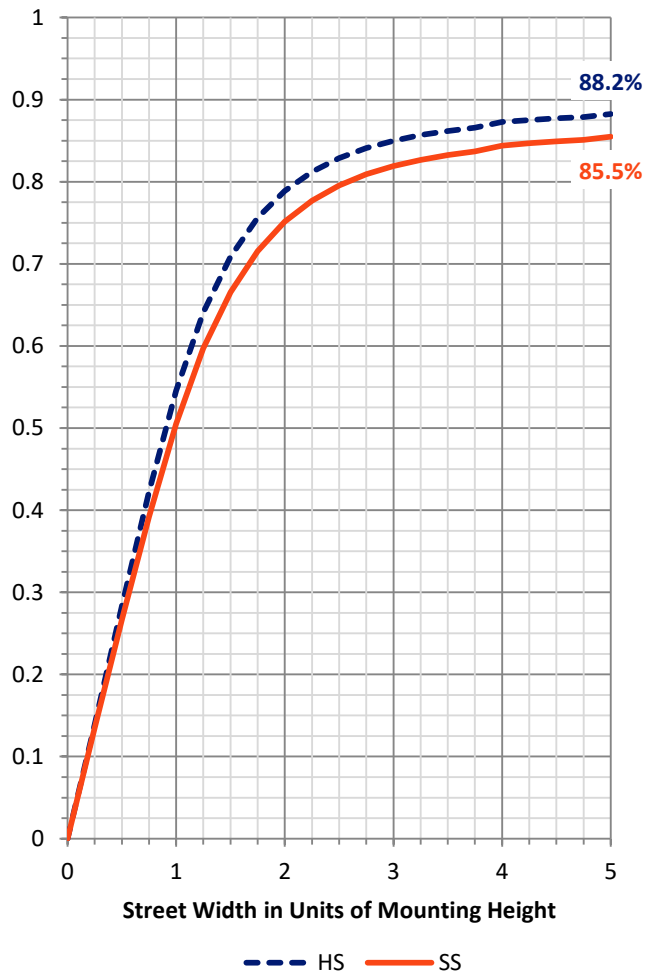
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1677.7	14.8	1692.5
	% Lamp	88.8	0.8	89.6
Street Side	Lumens	1627.3	14.3	1641.6
	% Lamp	86.1	0.8	86.9
Total	Lumens	3305.0	29.1	3334.2
	% Lamp	174.9	1.5	176.5

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	5.3	0.2	0.3
10°-20°	41.4	1.2	2.2
20°-30°	134.7	4.0	7.1
30°-40°	309.4	9.3	16.4
40°-50°	661.7	19.8	35.0
50°-60°	905.7	27.2	47.9
60°-70°	815.5	24.5	43.2
70°-80°	362.0	10.9	19.2
80°-90°	69.3	2.1	3.7
90°-100°	6.5	0.2	0.3
100°-110°	6.1	0.2	0.3
110°-120°	6.1	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°	3305.0	99.1	174.9
0°-180°	3334.2	100.0	176.5

Coefficient of Utilization



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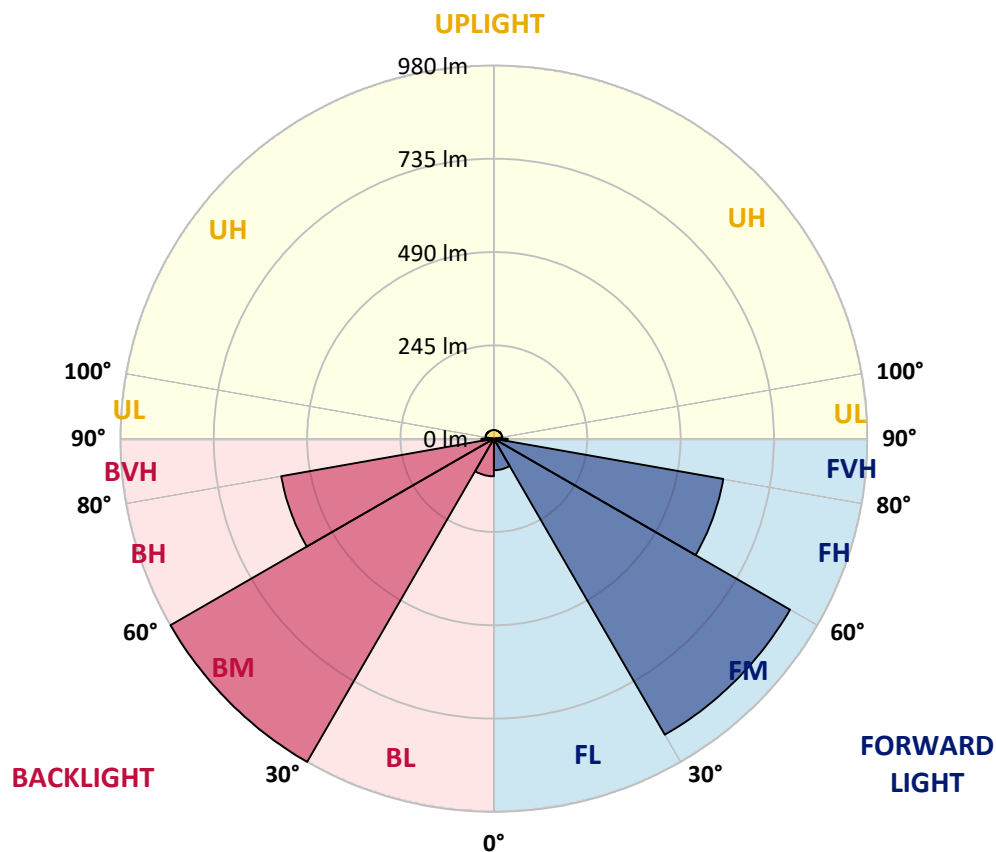
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	82.8	4.4			
FM	(30°-60°)	897.2	47.5			
FH	(60°-80°)	611.0	32.3			G0/660
FVH	(80°-90°)	36.4	1.9			G1/100
BL	(0°-30°)	98.7	5.2	B0/110		
BM	(30°-60°)	979.6	51.9	B1/1000		
BH	(60°-80°)	566.5	30.0	B2/1000		G2/1000
BVH	(80°-90°)	33.0	1.7			G1/100
UL	(90°-100°)	6.5	0.3		U1/10	
UH	(100°-180°)	22.6	1.2		U2/50	
Trapped Light		-1445.0	-76.5			

BUG Rating: B2-U2-G2

Type III Short



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CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
1°	8.6	8.4	7.9	7.1	6.4	6.4	6.1	6.2	6.8	7.3	7.8
2°	9.5	9.0	8.8	8.5	7.8	7.4	6.9	7.3	13.1	13.5	9.5
3°	22.0	18.4	10.4	9.5	9.4	9.6	10.5	13.8	19.5	19.6	11.2
4°	34.4	28.8	22.9	24.7	20.9	20.6	14.5	20.4	26.0	25.8	30.0
5°	46.9	39.3	35.6	33.7	32.6	31.7	36.0	38.2	37.1	34.6	40.6
6°	52.3	49.7	48.3	42.5	44.3	42.9	48.0	48.6	45.6	45.7	47.2
7°	56.5	54.1	53.0	51.2	49.0	54.0	55.7	55.0	52.9	49.9	53.8
8°	61.2	59.5	58.5	55.7	53.2	58.6	62.2	61.1	59.5	56.4	59.7
9°	66.2	62.6	61.2	59.7	56.3	61.9	68.1	64.8	63.8	60.3	64.3
10°	69.9	66.4	65.6	63.0	61.9	67.0	74.2	70.5	67.6	62.9	70.5
11°	76.6	71.6	69.6	66.5	66.3	71.8	78.5	74.7	72.9	69.3	77.3
12°	90.8	81.6	79.2	74.6	74.0	78.5	82.9	81.4	81.4	75.6	91.7
13°	101.9	91.7	91.0	93.2	91.7	94.3	96.0	97.5	100.2	97.3	108.3
14°	112.1	100.1	98.4	101.9	104.2	106.3	107.7	112.4	112.1	106.4	119.4
15°	119.9	111.5	105.9	108.2	113.0	118.2	120.1	123.6	125.5	118.7	131.4
16°	131.6	119.0	113.0	116.3	120.0	125.7	132.1	136.6	135.2	127.3	143.3
17°	138.8	128.0	118.4	122.8	129.2	137.1	138.1	145.8	144.2	139.5	153.0
18°	146.6	135.7	127.7	130.9	136.7	143.1	149.3	155.2	154.4	151.3	162.8
19°	156.5	143.2	134.9	137.0	144.3	151.7	161.0	164.6	164.6	163.2	172.8
20°	168.0	151.2	142.0	147.0	155.9	158.9	172.7	174.0	175.3	175.1	190.5
21°	180.8	162.8	159.6	162.5	172.8	174.2	184.4	196.6	199.2	205.3	216.6
22°	196.2	174.3	169.5	175.7	188.2	193.6	201.8	215.9	221.1	222.7	235.9
23°	209.1	185.9	180.7	187.4	199.0	210.3	217.1	228.0	239.4	238.7	253.6
24°	219.7	197.4	192.5	199.6	210.4	222.3	230.4	248.8	253.9	255.4	268.9
25°	230.0	205.4	203.7	210.9	222.3	237.1	245.0	263.1	269.4	271.6	280.9
26°	242.1	214.2	212.0	222.3	234.7	248.6	259.5	275.7	284.3	286.4	295.7
27°	255.8	226.6	222.1	234.5	248.3	260.5	273.2	289.8	297.6	300.3	309.9
28°	267.6	241.8	239.5	249.9	258.7	275.5	287.3	302.5	313.2	316.3	324.1
29°	280.6	250.4	252.3	264.3	270.5	288.1	301.0	315.2	331.3	332.5	336.3
30°	293.4	262.0	261.7	276.0	285.4	301.0	316.4	330.7	345.3	351.0	351.2
31°	304.4	272.4	271.5	288.4	299.4	315.3	331.7	345.0	361.7	367.2	362.7
32°	320.7	287.9	282.4	301.5	310.7	333.5	351.6	365.7	375.0	382.4	383.3
33°	338.3	303.6	299.0	320.1	322.4	352.3	379.5	385.3	388.9	406.6	403.1
34°	357.3	316.9	310.4	336.8	341.2	379.3	402.1	408.8	405.0	424.2	426.0
35°	386.4	333.3	333.1	357.9	356.2	406.5	422.7	436.4	423.9	445.2	439.7
36°	415.6	366.2	344.9	368.5	395.8	433.7	458.1	466.1	447.8	459.8	468.2
37°	444.9	384.9	373.3	401.2	435.7	459.1	503.6	514.8	486.8	499.4	514.1
38°	459.6	403.2	402.2	434.6	475.7	512.7	560.0	572.0	554.8	545.3	554.8
39°	496.9	424.7	431.1	449.3	505.7	553.1	595.5	608.9	585.0	559.9	571.2
40°	533.3	451.0	462.1	464.7	525.2	583.0	659.3	656.3	616.3	575.4	611.2
41°	576.0	479.0	481.5	497.8	568.5	625.0	682.1	691.1	669.5	609.0	624.6
42°	631.3	506.7	507.0	541.2	619.4	683.2	744.4	741.3	726.3	653.5	657.6
43°	665.8	549.1	561.8	602.3	681.9	771.5	826.0	828.7	795.1	713.4	712.8
44°	702.7	582.2	578.7	641.2	727.3	818.5	867.8	871.0	834.8	751.3	729.9

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	738.0	611.9	592.8	661.8	768.3	869.3	919.4	928.8	872.1	772.1	743.1
46°	771.2	628.7	606.2	694.8	816.2	917.9	959.5	972.3	918.8	810.5	755.3
47°	807.5	642.9	634.3	729.8	856.9	955.2	999.0	1008.1	947.0	843.8	782.5
48°	824.8	664.9	676.9	771.4	908.3	1010.1	1047.5	1061.8	1001.9	897.9	831.7
49°	837.7	687.5	718.4	830.7	968.0	1074.9	1105.9	1125.4	1052.8	934.5	861.1
50°	850.3	698.5	736.3	855.8	990.5	1098.4	1132.6	1149.2	1069.9	939.7	866.5
51°	864.2	707.0	753.0	879.9	1012.4	1117.4	1148.3	1163.6	1085.2	943.0	868.5
52°	877.1	717.8	769.0	898.1	1032.0	1133.3	1162.5	1178.6	1096.3	945.8	870.3
53°	887.3	728.2	780.5	906.8	1050.4	1147.3	1175.3	1192.6	1102.1	952.1	871.3
54°	896.7	736.8	792.8	914.9	1067.1	1160.6	1188.2	1202.1	1108.0	963.2	872.8
55°	906.1	743.7	804.7	924.1	1080.4	1173.6	1197.3	1210.7	1113.8	971.4	874.8
56°	911.9	749.7	817.4	933.8	1091.9	1183.4	1204.4	1217.3	1117.3	976.6	876.6
57°	914.2	751.5	825.8	942.9	1105.5	1192.8	1210.5	1221.2	1117.7	977.3	874.5
58°	917.6	749.8	832.0	951.8	1118.4	1199.9	1214.2	1220.7	1112.8	970.0	869.4
59°	919.6	745.7	835.1	961.2	1127.5	1204.4	1213.1	1218.5	1107.9	957.5	856.1
60°	913.4	740.4	832.3	967.0	1131.1	1204.7	1211.0	1213.6	1099.0	942.8	827.4
61°	903.6	732.6	828.6	969.4	1135.7	1203.7	1205.5	1203.6	1083.6	923.5	795.6
62°	892.6	726.1	823.5	966.7	1135.2	1198.2	1197.3	1187.0	1064.3	896.9	788.5
63°	879.8	718.2	812.5	958.3	1126.7	1188.2	1179.2	1165.1	1042.4	866.7	762.2
64°	865.1	709.5	796.2	938.4	1114.8	1169.2	1157.0	1140.5	1015.6	832.7	728.4
65°	845.8	695.2	771.4	909.9	1095.3	1143.5	1124.5	1108.0	978.4	793.8	688.5
66°	825.4	675.9	738.4	873.4	1064.0	1109.3	1087.6	1069.7	926.7	746.7	649.9
67°	798.5	649.3	694.7	834.0	1023.2	1065.3	1040.4	1022.7	868.4	690.5	610.3
68°	759.9	619.7	649.2	784.4	963.8	1011.3	988.5	966.4	800.3	628.4	572.0
69°	710.5	592.6	600.8	718.4	886.4	947.4	933.5	902.1	730.2	567.6	534.9
70°	659.5	565.3	549.2	644.0	799.5	881.7	869.4	829.7	659.2	514.3	498.7
71°	614.6	533.0	507.3	571.3	713.7	811.1	798.8	755.5	594.3	469.2	459.6
72°	576.6	497.9	466.6	508.5	631.4	728.9	721.2	679.6	532.2	422.4	414.0
73°	530.5	453.4	427.5	447.6	553.6	634.0	640.9	602.0	473.5	375.6	368.5
74°	466.9	401.8	386.4	383.6	478.6	552.7	564.3	535.0	406.3	329.1	322.9
75°	411.7	350.5	344.2	328.9	398.6	480.0	496.5	465.6	339.1	291.9	286.4
76°	364.2	307.4	295.4	284.3	323.8	410.7	435.8	405.4	285.5	254.6	244.2
77°	314.8	269.0	253.8	241.9	262.9	349.0	375.1	345.2	241.0	223.0	209.0
78°	266.3	235.1	216.6	210.9	213.8	297.3	314.5	285.2	201.3	197.3	175.8
79°	222.0	202.5	183.5	186.5	175.6	253.7	269.3	237.6	169.9	169.0	152.1
80°	188.5	167.9	160.0	164.7	155.3	215.9	227.7	201.7	147.3	143.1	131.6
81°	162.2	143.1	136.7	143.0	135.4	183.0	192.1	172.7	130.0	124.0	115.1
82°	136.1	118.4	113.4	121.3	115.5	158.3	163.5	147.5	115.0	108.7	98.4
83°	110.0	97.7	96.8	105.0	98.8	133.7	139.4	124.0	100.0	93.4	81.3
84°	82.2	82.0	80.5	88.6	84.3	109.2	116.6	104.7	83.6	79.1	66.1
85°	61.3	68.0	67.4	73.6	71.0	91.3	95.6	87.5	70.7	66.2	54.4
86°	43.8	54.6	54.7	60.4	56.3	74.6	76.9	72.2	58.0	54.6	44.5
87°	28.6	40.0	41.8	48.6	44.7	59.3	61.5	57.8	45.9	43.3	34.6
88°	19.9	22.1	31.4	34.3	31.9	45.0	46.0	43.0	33.8	31.9	24.6
89°	11.4	16.7	19.3	22.2	20.2	28.6	30.5	28.1	21.7	20.5	14.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2.9	11.8	13.2	17.0	13.6	14.1	15.1	13.4	11.4	10.5	8.5
91°	2.7	6.9	7.2	11.9	7.1	9.6	6.2	6.9	7.5	7.6	7.2
92°	2.7	6.6	6.9	6.8	6.1	5.4	5.0	5.7	6.5	7.0	6.9
93°	2.7	6.3	6.7	6.5	5.9	5.2	5.0	5.6	6.3	6.8	6.7
94°	2.8	5.9	6.5	6.4	5.9	5.2	5.1	5.6	6.2	6.7	6.5
95°	2.8	5.8	6.1	6.3	5.9	5.3	5.2	5.6	6.2	6.6	6.2
96°	2.8	5.8	6.0	5.9	5.8	5.3	5.2	5.7	6.2	6.3	6.2
97°	2.9	5.8	6.0	5.8	5.6	5.3	5.3	5.7	6.0	6.2	6.2
98°	2.9	5.7	5.9	5.8	5.5	5.3	5.4	5.7	5.9	6.2	6.2
99°	3.0	5.7	5.9	5.8	5.5	5.2	5.5	5.7	6.0	6.3	6.2
100°	3.0	5.7	5.9	5.8	5.5	5.2	5.5	5.7	6.0	6.3	6.2
101°	3.1	5.6	5.9	5.8	5.6	5.3	5.5	5.7	6.0	6.3	6.2
102°	3.2	5.6	5.9	5.8	5.6	5.3	5.6	5.8	6.1	6.3	6.1
103°	3.2	5.5	5.8	5.9	5.6	5.4	5.6	5.9	6.1	6.3	6.1
104°	3.3	5.5	5.8	5.9	5.7	5.4	5.7	5.9	6.2	6.3	6.1
105°	3.3	5.4	5.8	5.9	5.7	5.5	5.8	6.0	6.2	6.3	6.0
106°	3.4	5.4	5.8	5.9	5.8	5.6	5.9	6.1	6.2	6.2	6.0
107°	3.5	5.2	5.7	5.9	5.8	5.7	6.0	6.1	6.2	6.2	5.9
108°	3.5	5.0	5.7	5.9	5.9	5.8	6.1	6.2	6.3	6.2	5.9
109°	3.6	5.0	5.5	5.9	5.9	5.9	6.3	6.3	6.3	6.2	5.8
110°	3.7	4.9	5.4	5.9	6.0	6.0	6.4	6.4	6.4	6.2	5.7
111°	3.8	4.9	5.4	5.9	6.1	6.1	6.5	6.5	6.4	6.2	5.7
112°	3.9	4.8	5.4	5.9	6.2	6.2	6.6	6.6	6.5	6.2	5.7
113°	4.0	4.8	5.4	5.9	6.3	6.4	6.8	6.7	6.6	6.3	5.7
114°	4.1	4.8	5.4	5.9	6.3	6.5	6.9	6.8	6.7	6.3	5.7
115°	4.2	4.8	5.5	6.0	6.4	6.7	7.1	7.0	6.8	6.4	5.7
116°	4.3	4.8	5.6	6.1	6.5	6.8	7.2	7.1	6.9	6.5	5.7
117°	4.5	4.9	5.6	6.2	6.6	6.9	7.3	7.2	7.0	6.6	5.8
118°	4.6	4.9	5.7	6.4	6.7	7.1	7.5	7.4	7.1	6.7	5.9
119°	4.7	5.0	5.8	6.5	6.9	7.2	7.6	7.5	7.2	6.8	6.0
120°	4.8	5.1	6.0	6.6	7.0	7.3	7.8	7.6	7.4	6.9	6.1
121°	4.9	5.1	6.1	6.8	7.2	7.5	7.9	7.8	7.5	7.0	6.2
122°	4.9	5.1	6.2	6.9	7.3	7.7	8.0	8.0	7.7	7.2	6.3
123°	4.9	5.1	6.2	7.0	7.4	7.8	8.1	8.1	7.8	7.3	6.3
124°	4.9	5.1	6.2	7.0	7.5	7.8	8.2	8.1	7.8	7.2	6.3
125°	4.9	5.1	6.1	7.0	7.5	7.8	8.1	8.1	7.8	7.2	6.2
126°	4.8	5.0	6.1	6.9	7.4	7.8	8.1	8.0	7.8	7.1	6.1
127°	4.7	4.9	6.0	6.8	7.3	7.7	8.0	7.9	7.7	7.0	6.0
128°	4.6	4.8	5.8	6.7	7.2	7.5	7.8	7.8	7.5	6.9	5.9
129°	4.4	4.6	5.7	6.5	7.0	7.3	7.6	7.5	7.3	6.7	5.7
130°	4.3	4.5	5.5	6.3	6.8	7.1	7.4	7.3	7.0	6.5	5.5
131°	4.0	4.3	5.2	6.0	6.5	6.8	7.0	7.0	6.8	6.3	5.3
132°	3.8	4.0	5.0	5.7	6.2	6.5	6.7	6.7	6.4	6.0	5.0
133°	3.5	3.8	4.7	5.4	5.8	6.1	6.3	6.3	6.1	5.6	4.7
134°	3.2	3.6	4.4	5.0	5.5	5.7	5.9	5.9	5.7	5.2	4.4

REPORT NUMBER: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	2.9	3.3	4.0	4.6	5.0	5.3	5.5	5.4	5.2	4.8	4.0
136°	2.6	3.0	3.7	4.2	4.6	4.8	5.0	5.0	4.8	4.3	3.7
137°	2.3	2.7	3.3	3.8	4.1	4.3	4.5	4.5	4.2	3.9	3.3
138°	2.0	2.4	2.9	3.3	3.6	3.8	4.0	3.9	3.8	3.4	2.9
139°	1.7	2.1	2.5	2.9	3.2	3.3	3.5	3.5	3.3	2.9	2.5
140°	1.5	1.9	2.2	2.5	2.7	2.8	3.0	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	1.8
142°	1.3	1.4	1.6	1.7	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	1.6	1.8	1.8	1.7	1.5	1.4
144°	1.1	1.2	1.3	1.3	1.4	1.4	1.6	1.6	1.5	1.4	1.3
145°	1.1	1.1	1.2	1.3	1.3	1.3	1.5	1.5	1.5	1.4	1.3
146°	1.0	1.1	1.1	1.2	1.2	1.2	1.4	1.4	1.4	1.3	1.2
147°	0.9	1.0	1.1	1.1	1.1	1.2	1.4	1.3	1.3	1.2	1.1
148°	0.9	0.9	1.0	1.0	1.1	1.1	1.3	1.3	1.2	1.2	1.1
149°	0.8	0.9	0.9	1.0	1.0	1.0	1.2	1.2	1.2	1.1	1.0
150°	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.0	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	0.9	0.9	0.9	0.9	0.8
154°	0.6	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	0.7	0.7	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	0.6	0.6	0.6
159°	0.5	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
160°	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
161°	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.6
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	0.6	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	0.5	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°	0.6	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	0.5	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	0.5	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: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

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: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
1°	13.1	8.9	13.5	19.9	22.0	22.9	22.9	9.7	9.7	9.5	9.3
2°	17.8	9.8	18.9	26.0	29.6	31.2	31.3	26.0	25.4	24.1	22.5
3°	22.6	28.9	33.4	38.2	43.2	44.6	46.6	42.2	41.2	39.1	35.9
4°	36.8	40.1	43.0	44.9	50.1	53.8	57.0	58.5	57.0	54.1	49.4
5°	46.6	50.3	51.4	51.7	54.0	60.1	63.5	66.0	65.5	59.9	53.5
6°	53.8	56.5	55.2	57.7	59.8	64.5	70.1	72.7	69.4	64.2	60.6
7°	60.2	63.8	61.9	61.0	63.9	70.6	74.5	78.7	74.2	68.4	65.9
8°	65.6	68.0	68.0	67.3	70.9	75.7	81.9	83.9	78.9	72.1	70.0
9°	71.5	73.4	73.1	73.3	77.4	81.8	87.6	89.9	84.4	77.2	77.8
10°	76.9	79.7	80.0	78.4	85.1	91.5	96.9	102.8	95.6	85.3	82.1
11°	85.3	88.6	97.7	101.0	112.4	119.5	125.6	123.8	119.4	110.5	102.1
12°	98.9	103.0	113.9	116.9	128.9	136.8	142.2	140.1	135.3	126.7	117.5
13°	110.5	118.8	125.1	132.5	143.9	150.9	156.0	154.4	148.9	137.3	129.2
14°	126.7	134.6	136.9	145.9	156.5	165.1	169.8	166.4	159.8	150.5	139.7
15°	143.2	147.3	148.7	159.3	169.2	179.2	184.9	181.9	174.4	160.1	148.6
16°	156.3	160.0	160.4	172.8	181.9	193.4	198.1	193.8	185.6	172.0	159.5
17°	169.3	172.7	172.1	188.2	196.6	206.7	211.2	207.4	196.6	182.6	168.4
18°	182.8	184.8	188.2	202.0	212.2	223.5	229.5	229.3	212.8	194.7	178.5
19°	194.0	198.2	208.9	232.0	251.4	261.9	264.9	260.9	241.1	226.7	206.4
20°	217.5	217.8	234.2	251.8	271.0	290.9	288.4	283.1	265.5	246.3	223.2
21°	236.2	233.7	250.7	267.4	289.1	310.3	309.5	301.6	286.4	266.4	237.7
22°	250.7	259.2	268.3	288.6	307.0	328.4	331.7	319.6	304.4	282.7	250.2
23°	269.8	272.1	280.8	306.8	333.1	345.9	347.6	338.3	321.7	298.4	268.3
24°	283.8	290.0	294.2	325.5	350.3	365.8	364.0	356.0	337.7	312.5	285.6
25°	296.0	302.9	311.3	340.4	366.1	383.9	383.6	374.3	353.5	326.8	300.3
26°	310.2	320.9	322.5	354.8	384.8	401.5	401.8	392.6	368.4	342.3	312.9
27°	333.3	341.5	335.6	367.9	402.9	420.5	419.3	410.9	388.9	356.6	325.8
28°	350.2	355.9	354.0	387.9	417.9	437.8	436.6	430.6	409.5	370.9	340.7
29°	365.3	369.0	368.2	405.7	438.0	452.9	461.5	451.3	427.2	388.8	360.0
30°	379.7	387.5	382.2	417.3	459.6	467.7	481.7	473.4	444.0	406.7	376.6
31°	399.8	411.0	396.5	428.8	477.7	484.2	500.1	502.0	471.0	421.5	393.0
32°	424.9	429.0	415.9	453.9	492.9	503.7	526.0	526.6	502.5	436.2	409.5
33°	438.2	444.2	439.3	478.3	515.6	522.9	573.0	557.7	521.4	466.3	422.3
34°	455.1	485.6	467.9	509.1	528.0	559.1	608.0	619.0	568.9	493.8	450.0
35°	498.0	521.4	496.7	527.4	561.1	602.4	664.6	691.9	617.8	547.1	479.6
36°	527.1	557.0	527.3	581.4	610.7	691.2	724.5	738.4	674.4	603.6	525.3
37°	543.0	587.1	570.7	617.6	629.0	717.0	771.5	787.4	720.6	643.6	543.5
38°	581.7	636.5	595.3	629.2	649.9	743.8	812.5	838.3	747.1	674.7	562.5
39°	616.2	654.0	624.5	640.5	689.8	794.3	854.2	884.0	805.6	721.4	603.3
40°	658.4	715.8	663.4	656.0	726.5	853.0	939.4	963.5	865.3	768.8	639.5
41°	670.9	761.1	688.6	718.4	793.1	917.0	1020.6	1034.4	959.2	843.0	709.9
42°	712.9	806.9	734.7	759.9	836.7	964.9	1069.1	1082.3	1002.1	880.1	748.3
43°	731.7	837.1	769.5	777.6	853.3	1008.3	1107.0	1115.5	1052.3	927.8	776.9
44°	778.4	876.8	777.5	794.1	882.5	1050.6	1160.5	1165.2	1095.6	965.7	800.5

REPORT NUMBER: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	793.6	916.4	784.3	823.6	928.7	1088.0	1193.8	1197.5	1141.3	1020.1	842.5
46°	801.1	950.0	789.4	849.2	972.4	1134.5	1252.4	1252.6	1197.1	1064.1	891.8
47°	804.5	976.9	806.2	905.3	1028.9	1181.7	1294.4	1287.8	1245.2	1118.6	958.6
48°	807.8	985.1	824.4	922.2	1038.3	1190.2	1299.6	1294.4	1260.6	1133.1	980.1
49°	815.5	990.6	829.4	931.3	1038.2	1194.0	1304.1	1301.2	1270.4	1147.8	990.6
50°	823.2	994.4	834.3	937.4	1036.9	1199.3	1308.6	1305.2	1279.2	1159.3	999.9
51°	831.7	996.6	836.7	939.5	1035.6	1201.0	1310.2	1308.6	1284.0	1168.3	1006.6
52°	839.3	997.5	837.8	937.9	1034.8	1198.9	1309.0	1309.0	1286.7	1177.3	1011.6
53°	844.6	996.3	838.2	932.2	1031.2	1192.1	1307.9	1306.7	1286.6	1181.0	1014.3
54°	849.6	993.7	836.5	923.6	1026.6	1188.6	1301.8	1302.5	1285.2	1182.2	1016.0
55°	853.1	987.0	831.6	911.8	1017.6	1177.0	1289.2	1295.9	1281.3	1182.0	1018.2
56°	852.1	972.8	821.2	894.3	1007.0	1163.5	1278.4	1285.7	1275.3	1180.0	1020.2
57°	840.0	965.1	807.0	870.2	991.9	1149.5	1264.0	1271.3	1265.7	1175.5	1017.9
58°	841.2	960.7	794.4	847.0	969.6	1133.4	1247.3	1253.9	1250.8	1168.3	1007.3
59°	838.2	946.2	780.7	822.4	937.9	1108.4	1223.7	1232.9	1229.8	1149.2	986.2
60°	824.8	928.9	763.9	797.8	901.3	1075.3	1198.8	1205.1	1199.1	1123.4	959.2
61°	807.5	901.0	742.6	763.0	856.0	1032.8	1158.8	1168.5	1160.7	1088.7	924.1
62°	786.9	881.9	728.7	725.1	811.5	985.6	1111.5	1123.0	1115.9	1045.5	884.7
63°	762.2	855.5	705.4	685.2	766.3	932.2	1057.4	1071.8	1064.0	995.1	841.3
64°	735.0	824.7	678.8	647.4	713.3	869.5	994.3	1014.6	1011.0	941.8	789.3
65°	706.4	795.8	649.9	606.4	661.6	804.1	926.9	950.3	947.9	885.3	734.9
66°	677.2	762.6	618.5	566.8	610.9	738.8	856.5	883.4	883.1	825.3	682.8
67°	646.1	726.8	588.7	529.0	560.1	678.1	787.3	812.6	821.3	762.3	631.7
68°	614.6	690.8	557.7	492.8	514.5	617.1	722.2	740.5	764.6	705.4	576.3
69°	576.2	644.8	525.7	458.2	467.7	553.1	659.2	674.7	706.5	648.3	519.8
70°	529.1	594.2	489.3	423.2	423.5	487.8	600.0	614.0	642.4	587.0	467.3
71°	481.1	545.2	444.7	388.2	379.3	424.5	536.0	554.3	574.3	525.8	415.6
72°	441.6	500.5	399.8	353.1	335.4	361.2	469.4	494.5	506.3	459.7	362.3
73°	401.4	460.9	355.1	313.7	300.5	298.1	404.4	432.5	438.7	400.5	314.8
74°	361.1	408.5	318.3	278.2	270.6	253.5	339.6	371.6	384.3	347.5	268.1
75°	320.8	356.1	276.3	243.7	237.0	212.4	282.5	321.6	335.1	294.6	223.6
76°	276.8	303.8	237.9	214.0	210.6	177.4	235.1	277.8	285.2	241.7	188.6
77°	236.6	260.2	200.1	187.7	188.0	150.7	199.9	239.7	239.4	195.4	163.4
78°	201.1	218.7	166.5	158.6	160.2	128.1	167.1	202.7	198.7	164.6	138.5
79°	168.0	184.0	137.0	132.3	136.9	110.5	139.1	171.4	167.8	133.8	113.6
80°	145.4	154.5	112.7	111.3	117.9	95.7	117.5	149.1	142.3	103.0	97.5
81°	126.0	129.8	91.8	94.0	99.1	81.9	101.1	126.9	117.0	85.3	82.8
82°	104.5	106.7	73.3	77.4	83.3	68.3	85.5	104.7	97.3	69.5	70.0
83°	85.1	86.4	59.8	63.5	69.0	57.1	71.8	87.2	80.0	54.4	59.1
84°	67.8	70.7	49.9	50.2	55.9	46.5	59.4	71.3	63.9	43.3	48.4
85°	53.1	54.9	40.0	40.2	43.4	35.8	45.9	54.2	48.2	34.7	39.6
86°	40.6	39.1	30.1	30.1	30.8	25.1	32.4	37.2	34.8	24.1	26.6
87°	28.2	23.2	20.2	20.0	18.4	14.6	18.9	19.7	20.2	18.3	15.9
88°	15.9	10.5	9.5	10.2	9.1	7.9	6.8	12.1	12.9	12.6	11.8
89°	9.8	4.3	7.4	7.8	7.6	6.6	5.4	4.8	5.7	7.0	7.8

REPORT NUMBER: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

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

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CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	3.2	2.9	3.0	3.6	4.1	4.3	4.3	4.2	4.2	4.1	3.9
136°	2.9	2.6	2.7	3.2	3.6	3.7	3.8	3.7	3.6	3.6	3.4
137°	2.6	2.3	2.4	2.8	3.0	3.2	3.2	3.1	3.1	3.1	2.9
138°	2.3	2.0	2.1	2.4	2.6	2.6	2.7	2.6	2.6	2.6	2.5
139°	2.1	1.7	1.9	2.0	2.1	2.2	2.2	2.1	2.1	2.1	2.1
140°	1.8	1.5	1.6	1.7	1.7	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	1.3	1.4	1.4	1.4	1.4	1.3	1.3
143°	1.3	1.3	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.2	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	1.0	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	0.9	0.9	0.9	0.9
148°	1.0	1.0	0.9	0.9	0.9	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	0.8	0.8	0.8	0.8	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	0.7	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°	0.7	0.7	0.7	0.7	0.7	0.6	0.6	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	0.5
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	0.5	0.5	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	0.4	0.5	0.5
159°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
160°	0.6	0.6	0.5	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°	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
164°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5
165°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	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°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
168°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
169°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
170°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.5
171°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.5
172°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
173°	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
174°	0.5	0.6	0.6	0.6	0.5	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	0.5	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



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CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

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: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	10.3	10.3	10.3
1°	9.1	8.8	8.6
2°	20.8	15.7	9.5
3°	32.6	26.7	22.0
4°	44.3	37.9	34.4
5°	52.6	49.1	46.9
6°	58.5	53.9	52.3
7°	61.8	59.9	56.5
8°	69.0	64.9	61.2
9°	73.3	69.7	66.2
10°	79.9	74.4	69.9
11°	94.8	84.7	76.6
12°	108.7	98.1	90.8
13°	121.1	106.7	101.9
14°	127.3	118.2	112.1
15°	136.2	127.3	119.9
16°	144.4	135.8	131.6
17°	154.9	145.3	138.8
18°	164.7	154.4	146.6
19°	183.5	164.7	156.5
20°	203.4	182.0	168.0
21°	213.4	194.0	180.8
22°	227.8	208.3	196.2
23°	238.7	217.8	209.1
24°	251.9	228.5	219.7
25°	267.3	241.2	230.0
26°	280.1	253.5	242.1
27°	289.1	263.9	255.8
28°	302.6	275.0	267.6
29°	315.3	289.2	280.6
30°	331.0	299.3	293.4
31°	342.1	313.9	304.4
32°	359.8	323.9	320.7
33°	382.0	346.5	338.3
34°	404.2	365.7	357.3
35°	426.5	392.7	386.4
36°	461.4	419.6	415.6
37°	498.5	446.6	444.9
38°	521.0	469.1	459.6
39°	533.2	497.1	496.9
40°	546.9	520.1	533.3
41°	591.5	551.6	576.0
42°	637.8	586.1	631.3
43°	658.2	630.3	665.8
44°	678.2	646.3	702.7

REPORT NUMBER: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	710.7	659.5	738.0
46°	730.8	670.5	771.2
47°	785.9	685.8	807.5
48°	813.5	706.0	824.8
49°	825.4	712.4	837.7
50°	840.2	719.5	850.3
51°	854.0	727.2	864.2
52°	865.3	734.2	877.1
53°	871.4	741.6	887.3
54°	873.3	747.4	896.7
55°	870.9	750.5	906.1
56°	867.9	752.1	911.9
57°	861.3	754.0	914.2
58°	853.2	755.3	917.6
59°	839.4	756.5	919.6
60°	821.6	755.1	913.4
61°	801.5	751.9	903.6
62°	774.8	745.7	892.6
63°	746.8	734.2	879.8
64°	715.7	718.5	865.1
65°	677.3	700.0	845.8
66°	638.6	675.8	825.4
67°	600.7	650.5	798.5
68°	559.2	621.5	759.9
69°	508.0	581.9	710.5
70°	459.1	535.6	659.5
71°	406.4	492.8	614.6
72°	366.5	443.4	576.6
73°	336.7	395.5	530.5
74°	302.8	359.0	466.9
75°	267.9	323.5	411.7
76°	238.5	283.4	364.2
77°	205.8	242.5	314.8
78°	178.9	197.8	266.3
79°	155.6	170.4	222.0
80°	132.4	143.3	188.5
81°	109.1	116.2	162.2
82°	87.3	95.4	136.1
83°	68.6	78.5	110.0
84°	55.8	63.7	82.2
85°	42.7	48.4	61.3
86°	31.0	35.9	43.8
87°	21.7	25.8	28.6
88°	16.9	19.5	19.9
89°	12.1	13.3	11.4

REPORT NUMBER: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	7.3	7.1	2.9
91°	7.1	6.7	2.7
92°	6.9	6.4	2.7
93°	6.5	6.0	2.7
94°	6.3	5.9	2.8
95°	6.3	5.8	2.8
96°	6.2	5.8	2.8
97°	6.2	5.7	2.9
98°	6.1	5.7	2.9
99°	6.1	5.6	3.0
100°	6.1	5.6	3.0
101°	6.1	5.5	3.1
102°	6.0	5.5	3.2
103°	6.0	5.5	3.2
104°	5.9	5.4	3.3
105°	5.9	5.4	3.3
106°	5.8	5.2	3.4
107°	5.7	5.0	3.5
108°	5.5	5.0	3.5
109°	5.5	4.9	3.6
110°	5.4	4.8	3.7
111°	5.4	4.8	3.8
112°	5.4	4.8	3.9
113°	5.5	4.8	4.0
114°	5.5	4.8	4.1
115°	5.6	4.8	4.2
116°	5.6	4.8	4.3
117°	5.7	4.8	4.5
118°	5.8	4.9	4.6
119°	6.0	5.0	4.7
120°	6.1	5.0	4.8
121°	6.1	5.0	4.9
122°	6.1	5.0	4.9
123°	6.1	5.0	4.9
124°	6.0	5.0	4.9
125°	6.0	4.9	4.9
126°	5.9	4.8	4.8
127°	5.7	4.7	4.7
128°	5.5	4.5	4.6
129°	5.3	4.4	4.4
130°	5.1	4.2	4.3
131°	4.8	3.9	4.0
132°	4.5	3.7	3.8
133°	4.2	3.4	3.5
134°	3.8	3.1	3.2

REPORT NUMBER: P1192947
CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	3.4	2.8	2.9
136°	3.1	2.6	2.6
137°	2.7	2.3	2.3
138°	2.3	2.0	2.0
139°	2.0	1.8	1.7
140°	1.7	1.6	1.5
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	1.1
145°	1.0	1.0	1.1
146°	1.0	1.0	1.0
147°	0.9	0.9	0.9
148°	0.9	0.9	0.9
149°	0.8	0.8	0.8
150°	0.8	0.8	0.8
151°	0.7	0.7	0.8
152°	0.7	0.7	0.7
153°	0.6	0.6	0.7
154°	0.6	0.6	0.6
155°	0.6	0.6	0.6
156°	0.5	0.6	0.6
157°	0.5	0.5	0.6
158°	0.5	0.5	0.6
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	0.6
166°	0.5	0.5	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	0.5
172°	0.5	0.5	0.5
173°	0.5	0.5	0.6
174°	0.5	0.6	0.6
175°	0.5	0.5	0.6
176°	0.5	0.5	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: P1192947

CATALOG NUMBER: BOLY42-25S-BZ-25W-4000K

CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.5	0.5	0.5

(END OF REPORT)