

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: P1192943

Luminaire Tested: BOLY42-25S-BZ-20W-3000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192943
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-3000K
Description: Y-Shaped bollard, 42" length, 20W, BZ at 3000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

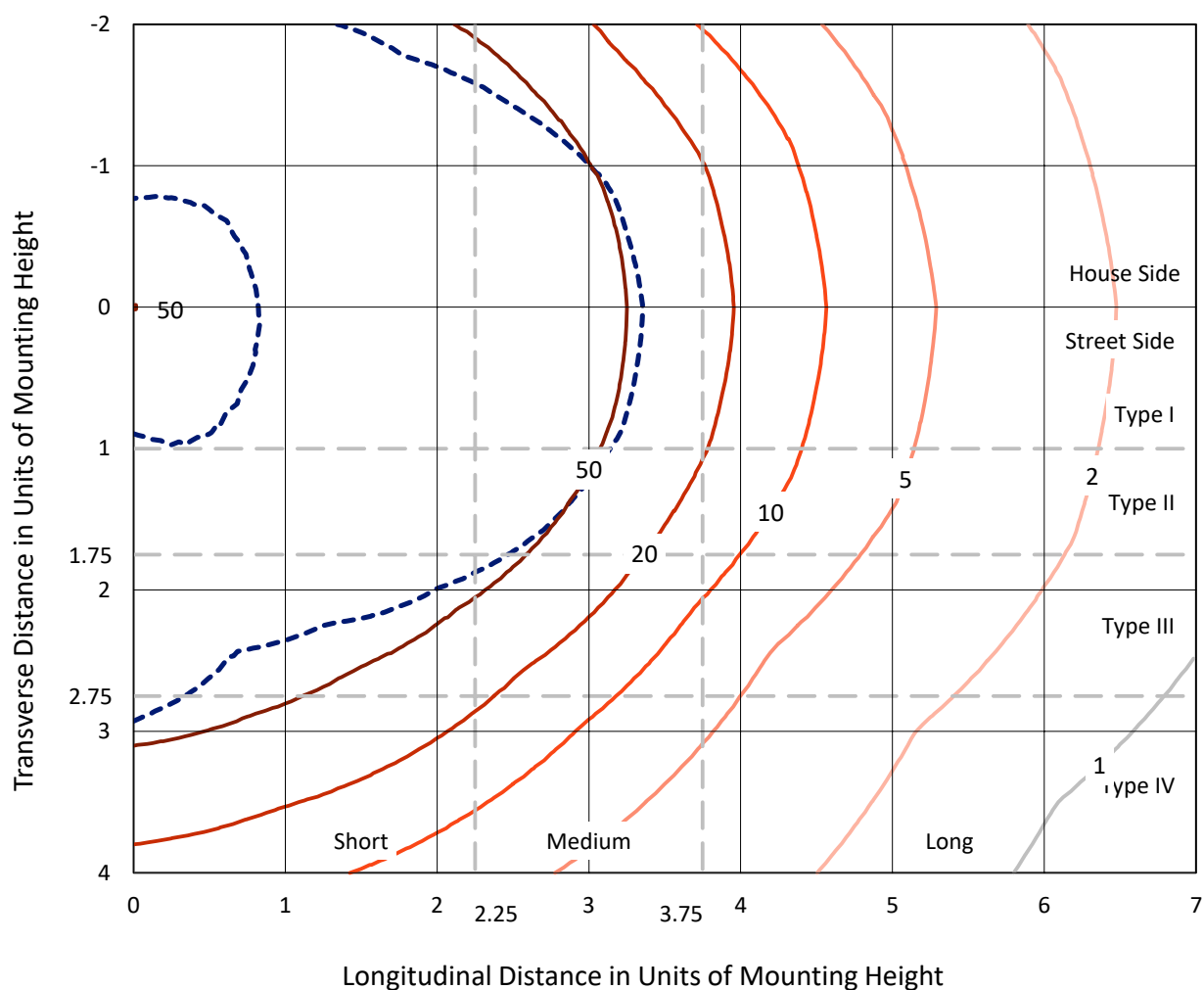
Lumens per Lamp: 1889.2 (1 lamp)
Luminaire Lumens: 2523.6 lumens
Efficiency: 133.6%
Efficacy: 124.9 lumens/watt
Luminous Opening: Circular (Dia: 0.25' x H: 0')
IES Classification: Type III - Short - Cutoff
BUG Rating: B1 - U2 - G1

Input Watts (W): 20.2
Input Voltage (V): 120
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

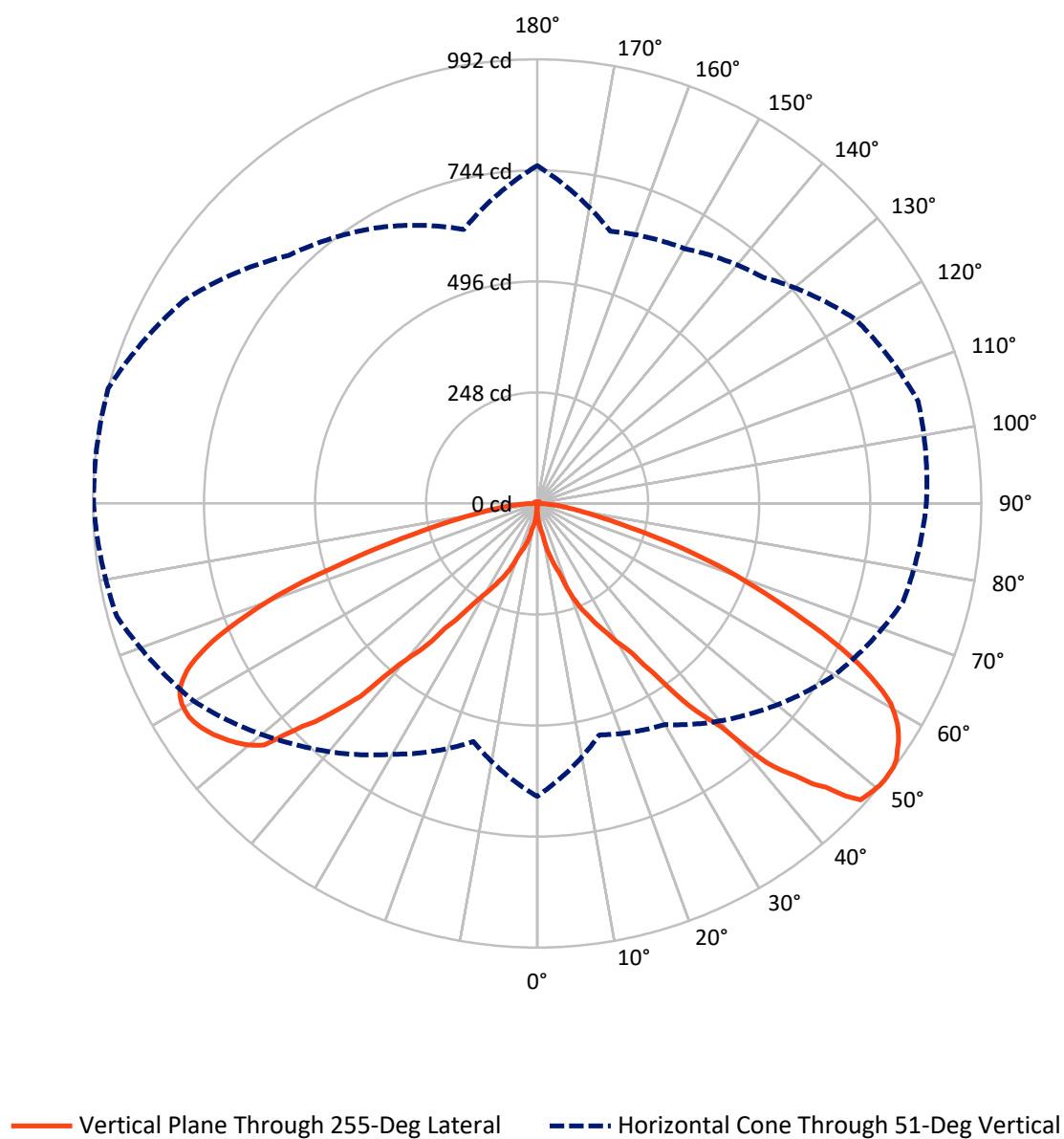
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 993.2 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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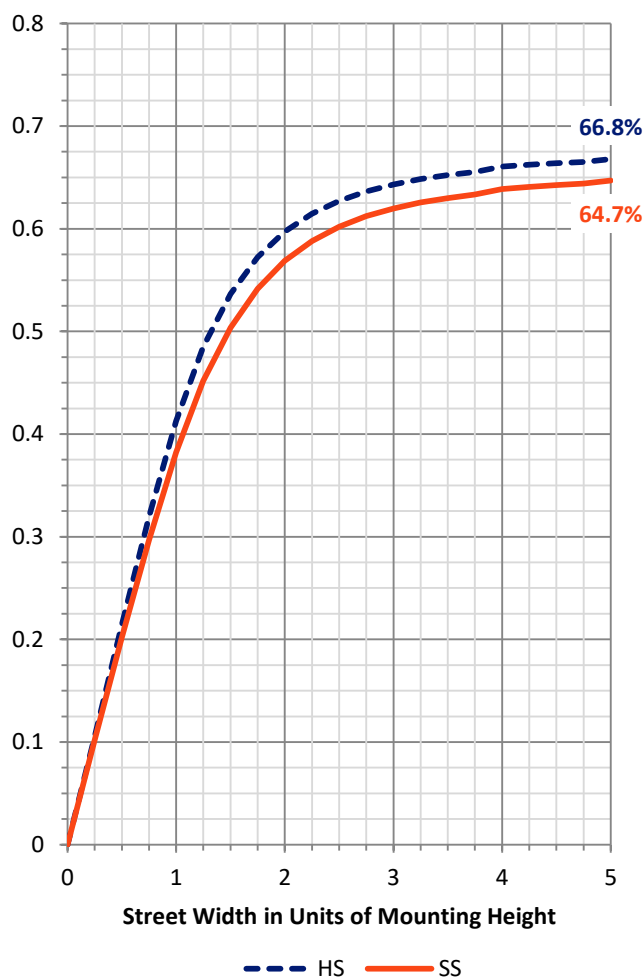
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1269.8	11.2	1281.1
	% Lamp	67.2	0.6	67.8
Street Side	Lumens	1231.7	10.8	1242.5
	% Lamp	65.2	0.6	65.8
Total	Lumens	2501.5	22.1	2523.6
	% Lamp	132.4	1.2	133.6

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	4.0	0.2	0.2
10°-20°	31.4	1.2	1.7
20°-30°	102.0	4.0	5.4
30°-40°	234.2	9.3	12.4
40°-50°	500.8	19.8	26.5
50°-60°	685.5	27.2	36.3
60°-70°	617.3	24.5	32.7
70°-80°	274.0	10.9	14.5
80°-90°	52.5	2.1	2.8
90°-100°	4.9	0.2	0.3
100°-110°	4.6	0.2	0.2
110°-120°	4.6	0.2	0.2
120°-130°	4.5	0.2	0.2
130°-140°	2.4	0.1	0.1
140°-150°	0.6	0.0	0.0
150°-160°	0.2	0.0	0.0
160°-170°	0.1	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	2501.5	99.1	132.4
0°-180°	2523.6	100.0	133.6

Coefficient of Utilization

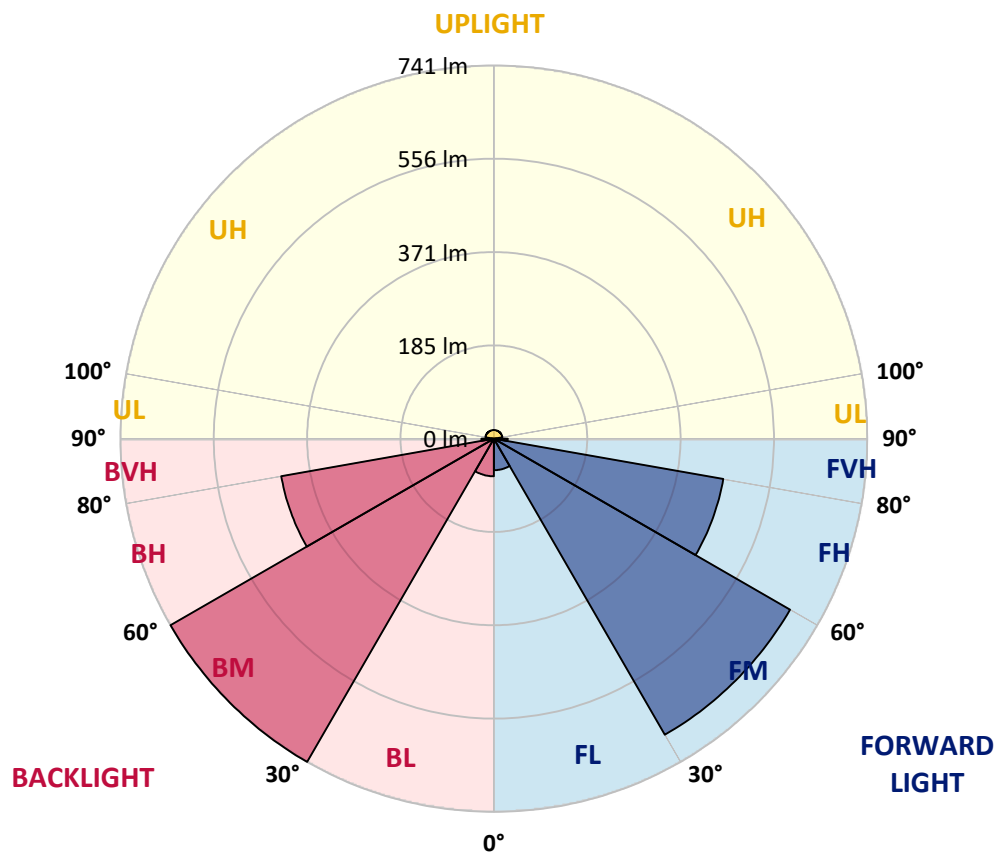


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	62.7	3.3			
FM	(30°-60°)	679.1	35.9			
FH	(60°-80°)	462.5	24.5			G0/660
FVH	(80°-90°)	27.5	1.5			G1/100
BL	(0°-30°)	74.7	4.0	B0/110		
BM	(30°-60°)	741.4	39.2	B1/1000		
BH	(60°-80°)	428.8	22.7	B1/500		G1/500
BVH	(80°-90°)	25.0	1.3			G1/100
UL	(90°-100°)	4.9	0.3		U1/10	
UH	(100°-180°)	17.1	0.9		U2/50	
Trapped Light		-634.4	-33.6			

BUG Rating: B1-U2-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
1°	6.5	6.4	6.0	5.4	4.8	4.9	4.6	4.7	5.1	5.5	5.9
2°	7.2	6.8	6.7	6.4	5.9	5.6	5.2	5.5	9.9	10.2	7.2
3°	16.6	14.0	7.8	7.2	7.1	7.2	7.9	10.4	14.8	14.9	8.5
4°	26.1	21.8	17.3	18.7	15.8	15.6	10.9	15.5	19.7	19.6	22.7
5°	35.5	29.7	27.0	25.5	24.7	24.0	27.3	28.9	28.1	26.2	30.7
6°	39.6	37.6	36.6	32.1	33.5	32.4	36.3	36.8	34.5	34.6	35.7
7°	42.8	40.9	40.1	38.8	37.1	40.9	42.1	41.7	40.1	37.7	40.7
8°	46.3	45.1	44.3	42.1	40.2	44.3	47.1	46.2	45.1	42.7	45.2
9°	50.1	47.4	46.3	45.2	42.6	46.9	51.5	49.0	48.3	45.6	48.7
10°	52.9	50.2	49.6	47.7	46.9	50.7	56.2	53.3	51.1	47.6	53.3
11°	58.0	54.2	52.7	50.3	50.2	54.4	59.4	56.6	55.1	52.4	58.5
12°	68.7	61.8	59.9	56.4	56.0	59.4	62.8	61.6	61.6	57.2	69.4
13°	77.1	69.4	68.8	70.6	69.4	71.4	72.6	73.8	75.8	73.6	82.0
14°	84.8	75.8	74.5	77.1	78.9	80.4	81.5	85.1	84.9	80.5	90.4
15°	90.7	84.4	80.1	81.9	85.5	89.5	90.9	93.6	95.0	89.8	99.4
16°	99.6	90.1	85.5	88.1	90.8	95.1	100.0	103.4	102.3	96.4	108.5
17°	105.1	96.9	89.6	93.0	97.8	103.8	104.5	110.4	109.2	105.6	115.8
18°	111.0	102.7	96.7	99.0	103.4	108.3	113.0	117.5	116.9	114.5	123.2
19°	118.5	108.4	102.1	103.7	109.2	114.8	121.9	124.6	124.6	123.5	130.8
20°	127.2	114.4	107.5	111.3	118.0	120.3	130.7	131.7	132.6	132.5	144.1
21°	136.8	123.2	120.8	123.0	130.8	131.9	139.6	148.8	150.7	155.4	164.0
22°	148.5	131.9	128.3	133.0	142.5	146.5	152.7	163.4	167.4	168.5	178.6
23°	158.3	140.7	136.8	141.8	150.6	159.2	164.3	172.6	181.2	180.6	192.0
24°	166.3	149.4	145.7	151.1	159.2	168.3	174.4	188.3	192.2	193.3	203.5
25°	174.1	155.5	154.2	159.7	168.3	179.4	185.4	199.1	203.9	205.6	212.6
26°	183.2	162.2	160.5	168.2	177.6	188.2	196.4	208.6	215.1	216.8	223.8
27°	193.6	171.5	168.1	177.5	188.0	197.2	206.8	219.3	225.2	227.3	234.6
28°	202.6	183.0	181.3	189.2	195.8	208.5	217.5	229.0	237.0	239.4	245.3
29°	212.4	189.5	191.0	200.0	204.7	218.0	227.8	238.6	250.7	251.7	254.5
30°	222.1	198.3	198.0	208.9	216.0	227.8	239.5	250.3	261.4	265.7	265.8
31°	230.4	206.2	205.5	218.3	226.6	238.7	251.1	261.1	273.7	277.9	274.5
32°	242.7	217.9	213.8	228.2	235.2	252.4	266.1	276.8	283.9	289.4	290.1
33°	256.1	229.8	226.3	242.3	244.1	266.7	287.2	291.6	294.4	307.7	305.1
34°	270.4	239.9	234.9	255.0	258.2	287.1	304.3	309.4	306.5	321.0	322.5
35°	292.4	252.3	252.1	270.9	269.6	307.7	319.9	330.3	320.8	336.9	332.8
36°	314.6	277.2	261.0	278.9	299.6	328.3	346.7	352.8	338.9	348.0	354.4
37°	336.7	291.4	282.5	303.7	329.8	347.5	381.2	389.6	368.4	378.0	389.1
38°	347.9	305.2	304.4	329.0	360.0	388.0	423.9	432.9	419.9	412.7	420.0
39°	376.1	321.4	326.3	340.0	382.8	418.6	450.8	460.9	442.8	423.8	432.4
40°	403.7	341.3	349.8	351.7	397.5	441.3	499.0	496.8	466.4	435.5	462.6
41°	435.9	362.6	364.4	376.8	430.3	473.0	516.2	523.1	506.7	460.9	472.7
42°	477.8	383.5	383.7	409.7	468.8	517.1	563.4	561.0	549.8	494.6	497.7
43°	503.9	415.6	425.2	455.9	516.1	583.9	625.2	627.2	601.8	540.0	539.5
44°	531.9	440.7	438.0	485.3	550.5	619.5	656.8	659.2	631.8	568.6	552.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	558.6	463.1	448.7	500.9	581.5	658.0	695.9	703.0	660.1	584.4	562.4
46°	583.7	475.8	458.9	525.9	617.8	694.8	726.2	735.9	695.4	613.5	571.7
47°	611.2	486.6	480.1	552.4	648.6	723.0	756.1	763.0	716.8	638.7	592.3
48°	624.3	503.3	512.3	583.8	687.5	764.6	792.8	803.6	758.3	679.6	629.5
49°	634.0	520.4	543.7	628.8	732.7	813.6	837.0	851.8	796.9	707.3	651.8
50°	643.6	528.7	557.3	647.8	749.7	831.4	857.3	869.8	809.8	711.3	655.9
51°	654.1	535.1	569.9	666.0	766.3	845.8	869.1	880.7	821.4	713.8	657.3
52°	663.9	543.3	582.0	679.8	781.1	857.8	879.9	892.1	829.7	715.8	658.7
53°	671.6	551.1	590.7	686.3	795.0	868.4	889.6	902.7	834.2	720.7	659.4
54°	678.7	557.7	600.1	692.5	807.7	878.4	899.3	909.8	838.6	729.0	660.6
55°	685.8	562.9	609.1	699.4	817.8	888.3	906.2	916.3	843.0	735.3	662.1
56°	690.2	567.4	618.6	706.8	826.4	895.7	911.6	921.3	845.7	739.2	663.5
57°	691.9	568.8	625.1	713.7	836.7	902.8	916.2	924.3	846.0	739.7	661.9
58°	694.5	567.5	629.7	720.4	846.5	908.1	919.0	923.9	842.3	734.2	658.1
59°	696.0	564.4	632.1	727.5	853.4	911.6	918.2	922.3	838.5	724.7	648.0
60°	691.3	560.4	630.0	731.9	856.1	911.8	916.6	918.5	831.8	713.6	626.2
61°	683.9	554.5	627.2	733.7	859.6	911.1	912.4	911.0	820.2	699.0	602.2
62°	675.6	549.6	623.3	731.7	859.2	906.9	906.2	898.4	805.5	678.8	596.8
63°	665.9	543.6	615.0	725.4	852.8	899.3	892.5	881.9	788.9	656.0	576.9
64°	654.8	537.0	602.6	710.3	843.8	884.9	875.7	863.2	768.7	630.2	551.3
65°	640.2	526.2	583.8	688.7	829.0	865.5	851.1	838.7	740.5	600.8	521.1
66°	624.7	511.6	558.9	661.0	805.3	839.6	823.2	809.7	701.4	565.2	491.9
67°	604.4	491.4	525.8	631.3	774.5	806.3	787.4	774.1	657.3	522.6	461.9
68°	575.2	469.1	491.4	593.7	729.5	765.4	748.2	731.5	605.7	475.6	432.9
69°	537.8	448.5	454.7	543.7	670.9	717.1	706.6	682.8	552.6	429.6	404.9
70°	499.2	427.9	415.7	487.4	605.2	667.3	658.0	628.0	498.9	389.3	377.5
71°	465.2	403.4	384.0	432.4	540.2	613.9	604.6	571.8	449.8	355.1	347.9
72°	436.4	376.9	353.2	384.8	477.9	551.7	545.9	514.4	402.8	319.7	313.4
73°	401.5	343.2	323.6	338.8	419.0	479.9	485.1	455.7	358.4	284.3	278.9
74°	353.4	304.1	292.5	290.3	362.2	418.3	427.1	404.9	307.5	249.1	244.4
75°	311.6	265.3	260.5	248.9	301.7	363.3	375.8	352.4	256.7	220.9	216.8
76°	275.6	232.7	223.6	215.2	245.0	310.9	329.9	306.8	216.1	192.7	184.8
77°	238.3	203.6	192.1	183.1	199.0	264.2	283.9	261.3	182.4	168.8	158.2
78°	201.5	177.9	163.9	159.6	161.8	225.0	238.1	215.8	152.4	149.3	133.1
79°	168.1	153.2	138.9	141.2	132.9	192.0	203.8	179.8	128.6	127.9	115.1
80°	142.6	127.1	121.1	124.7	117.5	163.4	172.3	152.7	111.5	108.3	99.6
81°	122.8	108.3	103.5	108.3	102.5	138.5	145.4	130.7	98.4	93.9	87.1
82°	103.0	89.6	85.8	91.8	87.4	119.8	123.8	111.6	87.0	82.3	74.5
83°	83.3	73.9	73.2	79.5	74.8	101.2	105.5	93.9	75.7	70.7	61.5
84°	62.2	62.0	60.9	67.0	63.8	82.7	88.2	79.2	63.3	59.9	50.0
85°	46.4	51.5	51.0	55.7	53.7	69.1	72.4	66.2	53.5	50.1	41.2
86°	33.2	41.3	41.4	45.7	42.6	56.5	58.2	54.7	43.9	41.3	33.7
87°	21.6	30.3	31.6	36.8	33.8	44.9	46.6	43.8	34.7	32.7	26.2
88°	15.1	16.7	23.8	25.9	24.2	34.0	34.8	32.5	25.6	24.1	18.6
89°	8.7	12.7	14.6	16.8	15.3	21.7	23.1	21.3	16.5	15.5	11.0

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2.2	8.9	10.0	12.9	10.3	10.7	11.4	10.2	8.6	7.9	6.5
91°	2.0	5.2	5.5	9.0	5.4	7.3	4.7	5.2	5.7	5.8	5.4
92°	2.0	5.0	5.2	5.2	4.6	4.1	3.8	4.3	4.9	5.3	5.2
93°	2.1	4.8	5.1	4.9	4.5	4.0	3.8	4.2	4.7	5.1	5.1
94°	2.1	4.5	4.9	4.9	4.4	4.0	3.8	4.2	4.7	5.1	4.9
95°	2.1	4.4	4.6	4.8	4.4	4.0	3.9	4.3	4.7	5.0	4.7
96°	2.1	4.4	4.5	4.5	4.4	4.0	4.0	4.3	4.7	4.8	4.7
97°	2.2	4.4	4.5	4.4	4.3	4.0	4.0	4.3	4.6	4.7	4.7
98°	2.2	4.3	4.5	4.4	4.2	4.0	4.1	4.3	4.5	4.7	4.7
99°	2.3	4.3	4.5	4.4	4.2	4.0	4.2	4.3	4.5	4.7	4.7
100°	2.3	4.3	4.5	4.4	4.2	3.9	4.2	4.3	4.5	4.8	4.7
101°	2.3	4.3	4.5	4.4	4.2	4.0	4.2	4.3	4.6	4.8	4.7
102°	2.4	4.2	4.4	4.4	4.2	4.0	4.2	4.4	4.6	4.8	4.6
103°	2.4	4.2	4.4	4.4	4.3	4.1	4.3	4.4	4.6	4.8	4.6
104°	2.5	4.2	4.4	4.4	4.3	4.1	4.3	4.5	4.7	4.8	4.6
105°	2.5	4.1	4.4	4.4	4.3	4.2	4.4	4.5	4.7	4.7	4.6
106°	2.6	4.1	4.4	4.4	4.4	4.2	4.5	4.6	4.7	4.7	4.5
107°	2.6	3.9	4.3	4.4	4.4	4.3	4.6	4.6	4.7	4.7	4.5
108°	2.7	3.8	4.3	4.4	4.4	4.4	4.7	4.7	4.7	4.7	4.4
109°	2.8	3.8	4.2	4.5	4.5	4.4	4.7	4.8	4.8	4.7	4.4
110°	2.8	3.7	4.1	4.5	4.5	4.5	4.8	4.8	4.8	4.7	4.3
111°	2.9	3.7	4.1	4.4	4.6	4.6	4.9	4.9	4.9	4.7	4.3
112°	3.0	3.7	4.1	4.4	4.7	4.7	5.0	5.0	4.9	4.7	4.3
113°	3.0	3.6	4.1	4.4	4.7	4.8	5.1	5.1	5.0	4.7	4.3
114°	3.1	3.6	4.1	4.5	4.8	4.9	5.2	5.2	5.1	4.8	4.3
115°	3.2	3.6	4.2	4.6	4.8	5.0	5.3	5.3	5.1	4.8	4.3
116°	3.3	3.7	4.2	4.6	4.9	5.2	5.4	5.4	5.2	4.9	4.3
117°	3.4	3.7	4.3	4.7	5.0	5.2	5.5	5.5	5.3	5.0	4.4
118°	3.5	3.7	4.3	4.8	5.1	5.3	5.7	5.6	5.4	5.0	4.5
119°	3.6	3.8	4.4	4.9	5.2	5.4	5.8	5.7	5.5	5.1	4.5
120°	3.6	3.8	4.5	5.0	5.3	5.5	5.9	5.8	5.6	5.2	4.6
121°	3.7	3.9	4.6	5.1	5.4	5.7	6.0	5.9	5.7	5.3	4.7
122°	3.7	3.9	4.7	5.2	5.6	5.8	6.1	6.0	5.8	5.4	4.8
123°	3.7	3.9	4.7	5.3	5.6	5.9	6.1	6.1	5.9	5.5	4.8
124°	3.7	3.9	4.7	5.3	5.7	5.9	6.2	6.2	5.9	5.5	4.7
125°	3.7	3.8	4.7	5.3	5.7	5.9	6.2	6.1	5.9	5.5	4.7
126°	3.7	3.8	4.6	5.2	5.6	5.9	6.1	6.1	5.9	5.4	4.6
127°	3.6	3.7	4.5	5.2	5.5	5.8	6.0	6.0	5.8	5.3	4.6
128°	3.5	3.6	4.4	5.1	5.4	5.7	5.9	5.9	5.7	5.2	4.5
129°	3.4	3.5	4.3	4.9	5.3	5.6	5.8	5.7	5.5	5.1	4.3
130°	3.2	3.4	4.1	4.8	5.1	5.4	5.6	5.5	5.3	4.9	4.2
131°	3.1	3.2	4.0	4.6	4.9	5.1	5.3	5.3	5.1	4.7	4.0
132°	2.9	3.1	3.8	4.3	4.7	4.9	5.1	5.1	4.9	4.5	3.8
133°	2.7	2.9	3.6	4.1	4.4	4.6	4.8	4.8	4.6	4.2	3.6
134°	2.4	2.7	3.3	3.8	4.1	4.3	4.5	4.5	4.3	3.9	3.3

REPORT NUMBER: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	2.2	2.5	3.0	3.5	3.8	4.0	4.1	4.1	3.9	3.6	3.1
136°	2.0	2.3	2.8	3.2	3.5	3.6	3.8	3.8	3.6	3.3	2.8
137°	1.7	2.1	2.5	2.9	3.1	3.3	3.4	3.4	3.2	2.9	2.5
138°	1.5	1.8	2.2	2.5	2.7	2.9	3.0	3.0	2.8	2.6	2.2
139°	1.3	1.6	1.9	2.2	2.4	2.5	2.7	2.6	2.5	2.2	1.9
140°	1.2	1.4	1.7	1.9	2.0	2.1	2.3	2.2	2.1	1.9	1.6
141°	1.1	1.2	1.4	1.6	1.7	1.8	1.9	1.9	1.8	1.6	1.4
142°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.5	1.3	1.2
143°	0.9	1.0	1.0	1.1	1.2	1.2	1.4	1.4	1.3	1.2	1.1
144°	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.0
145°	0.8	0.9	0.9	0.9	1.0	1.0	1.2	1.1	1.1	1.0	1.0
146°	0.8	0.8	0.8	0.9	0.9	0.9	1.1	1.1	1.0	1.0	0.9
147°	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9
148°	0.7	0.7	0.7	0.8	0.8	0.8	1.0	1.0	0.9	0.9	0.8
149°	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.8	0.8
150°	0.6	0.6	0.7	0.7	0.7	0.7	0.9	0.9	0.8	0.8	0.7
151°	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.7	0.7
152°	0.5	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.7	0.7	0.7
153°	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6
154°	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.6	0.6	0.6
155°	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
156°	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5
157°	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
158°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
159°	0.4	0.4	0.4	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	0.4	0.4	0.4	0.4	0.4
161°	0.4	0.4	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	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.4	0.4	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°	0.4	0.4	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	0.3	0.4	0.4



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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: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
1°	9.9	6.8	10.2	15.0	16.7	17.4	17.3	7.4	7.3	7.2	7.0
2°	13.5	7.4	14.3	19.6	22.4	23.6	23.7	19.6	19.2	18.2	17.0
3°	17.1	21.9	25.3	28.9	32.7	33.8	35.2	32.0	31.2	29.6	27.2
4°	27.9	30.3	32.5	34.0	37.9	40.7	43.1	44.3	43.1	41.0	37.4
5°	35.3	38.1	38.9	39.1	40.9	45.5	48.1	49.9	49.6	45.3	40.5
6°	40.7	42.7	41.8	43.7	45.2	48.8	53.1	55.0	52.5	48.6	45.9
7°	45.5	48.3	46.9	46.1	48.4	53.4	56.4	59.6	56.1	51.8	49.9
8°	49.6	51.5	51.4	50.9	53.7	57.3	62.0	63.5	59.7	54.5	53.0
9°	54.1	55.5	55.3	55.5	58.6	61.9	66.3	68.0	63.8	58.4	58.9
10°	58.2	60.3	60.6	59.3	64.4	69.2	73.4	77.8	72.4	64.6	62.1
11°	64.6	67.1	73.9	76.4	85.1	90.5	95.1	93.7	90.4	83.6	77.3
12°	74.8	78.0	86.2	88.5	97.5	103.5	107.6	106.1	102.4	95.9	88.9
13°	83.7	89.9	94.7	100.3	108.9	114.2	118.1	116.9	112.7	103.9	97.8
14°	95.9	101.9	103.6	110.4	118.5	124.9	128.6	125.9	121.0	113.9	105.7
15°	108.4	111.5	112.5	120.6	128.1	135.7	139.9	137.7	132.0	121.2	112.5
16°	118.3	121.1	121.4	130.8	137.7	146.4	150.0	146.7	140.5	130.2	120.7
17°	128.1	130.7	130.3	142.4	148.8	156.4	159.8	157.0	148.8	138.2	127.4
18°	138.3	139.9	142.5	152.9	160.6	169.2	173.7	173.6	161.1	147.3	135.1
19°	146.8	150.0	158.1	175.6	190.3	198.2	200.5	197.5	182.5	171.6	156.2
20°	164.7	164.8	177.3	190.6	205.1	220.2	218.3	214.3	200.9	186.4	168.9
21°	178.8	176.9	189.7	202.4	218.8	234.8	234.3	228.3	216.8	201.6	179.9
22°	189.8	196.2	203.1	218.4	232.3	248.6	251.1	241.9	230.4	214.0	189.4
23°	204.2	205.9	212.5	232.2	252.1	261.8	263.1	256.0	243.5	225.9	203.0
24°	214.8	219.5	222.7	246.4	265.1	276.8	275.5	269.4	255.6	236.6	216.1
25°	224.0	229.3	235.6	257.7	277.1	290.6	290.3	283.3	267.5	247.3	227.3
26°	234.8	242.9	244.1	268.5	291.3	303.9	304.1	297.1	278.8	259.1	236.9
27°	252.3	258.5	254.0	278.5	304.9	318.2	317.4	311.0	294.3	269.9	246.6
28°	265.1	269.4	267.9	293.6	316.3	331.4	330.5	325.9	309.9	280.7	257.9
29°	276.5	279.3	278.7	307.1	331.6	342.8	349.3	341.6	323.4	294.2	272.5
30°	287.4	293.3	289.2	315.8	347.8	354.0	364.6	358.3	336.0	307.8	285.0
31°	302.6	311.1	300.1	324.6	361.6	366.5	378.5	379.9	356.5	319.0	297.5
32°	321.6	324.7	314.8	343.5	373.1	381.2	398.2	398.6	380.3	330.2	310.0
33°	331.6	336.2	332.5	362.0	390.3	395.8	433.7	422.1	394.6	353.0	319.6
34°	344.4	367.6	354.2	385.4	399.6	423.2	460.2	468.5	430.6	373.8	340.6
35°	376.9	394.7	376.0	399.2	424.7	455.9	503.0	523.7	467.6	414.1	363.0
36°	398.9	421.6	399.1	440.0	462.2	523.2	548.4	558.9	510.4	456.9	397.6
37°	411.0	444.3	431.9	467.5	476.1	542.7	583.9	596.0	545.4	487.2	411.4
38°	440.3	481.8	450.5	476.2	491.9	563.0	614.9	634.5	565.5	510.6	425.7
39°	466.4	495.0	472.7	484.8	522.1	601.2	646.6	669.1	609.7	546.0	456.6
40°	498.3	541.8	502.1	496.5	549.9	645.6	711.0	729.3	655.0	581.9	484.0
41°	507.8	576.1	521.2	543.7	600.3	694.1	772.4	782.9	726.0	638.1	537.3
42°	539.6	610.8	556.1	575.1	633.3	730.3	809.2	819.2	758.5	666.1	566.4
43°	553.8	633.6	582.4	588.5	645.9	763.1	837.9	844.3	796.4	702.2	588.0
44°	589.2	663.6	588.5	601.1	668.0	795.2	878.4	881.9	829.3	730.9	605.9

REPORT NUMBER: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	600.7	693.6	593.6	623.3	702.9	823.5	903.5	906.4	863.8	772.1	637.7
46°	606.3	719.1	597.5	642.7	736.0	858.7	948.0	948.1	906.1	805.4	675.0
47°	608.9	739.4	610.2	685.2	778.8	894.4	979.7	974.7	942.5	846.7	725.6
48°	611.4	745.6	624.0	698.0	785.8	900.9	983.7	979.7	954.1	857.7	741.8
49°	617.2	749.8	627.8	704.9	785.8	903.7	987.1	984.9	961.5	868.8	749.7
50°	623.0	752.6	631.5	709.5	784.8	907.7	990.4	987.9	968.2	877.4	756.8
51°	629.5	754.3	633.3	711.1	783.8	909.0	991.6	990.5	971.8	884.2	761.9
52°	635.2	755.0	634.1	709.9	783.2	907.5	990.8	990.7	973.9	891.1	765.7
53°	639.3	754.1	634.4	705.6	780.5	902.2	989.9	989.0	973.8	893.9	767.7
54°	643.0	752.1	633.2	699.1	777.0	899.7	985.3	985.9	972.8	894.8	769.0
55°	645.7	747.1	629.5	690.1	770.2	890.9	975.8	980.9	969.8	894.6	770.7
56°	644.9	736.3	621.5	676.9	762.2	880.6	967.6	973.1	965.3	893.1	772.2
57°	635.8	730.4	610.8	658.7	750.8	870.0	956.7	962.2	958.0	889.7	770.5
58°	636.7	727.1	601.3	641.1	733.9	857.9	944.0	949.0	946.7	884.3	762.4
59°	634.4	716.2	590.9	622.5	709.9	838.9	926.2	933.1	930.8	869.8	746.5
60°	624.3	703.1	578.2	603.8	682.2	813.9	907.3	912.1	907.6	850.3	726.0
61°	611.2	681.9	562.0	577.5	647.9	781.7	877.1	884.4	878.5	824.0	699.5
62°	595.6	667.5	551.6	548.9	614.2	746.0	841.3	849.9	844.6	791.3	669.6
63°	576.9	647.5	533.9	518.6	580.0	705.6	800.3	811.2	805.3	753.2	636.8
64°	556.3	624.2	513.8	490.0	539.9	658.1	752.6	767.9	765.2	712.8	597.4
65°	534.7	602.4	491.9	459.0	500.7	608.6	701.5	719.3	717.5	670.1	556.3
66°	512.5	577.2	468.2	429.0	462.4	559.2	648.3	668.6	668.4	624.7	516.8
67°	489.0	550.1	445.6	400.4	423.9	513.2	595.9	615.0	621.6	577.0	478.1
68°	465.2	522.9	422.1	373.0	389.4	467.1	546.6	560.5	578.7	533.9	436.2
69°	436.1	488.0	397.9	346.8	354.0	418.7	498.9	510.7	534.8	490.7	393.4
70°	400.4	449.7	370.3	320.3	320.5	369.2	454.1	464.7	486.2	444.3	353.7
71°	364.1	412.7	336.6	293.8	287.1	321.3	405.7	419.6	434.7	398.0	314.6
72°	334.2	378.8	302.6	267.2	253.9	273.4	355.3	374.3	383.2	347.9	274.2
73°	303.8	348.8	268.8	237.5	227.5	225.6	306.1	327.4	332.0	303.1	238.3
74°	273.3	309.1	240.9	210.6	204.8	191.9	257.0	281.3	290.8	263.1	202.9
75°	242.8	269.5	209.2	184.5	179.3	160.8	213.8	243.4	253.6	223.0	169.2
76°	209.5	230.0	180.1	162.0	159.4	134.2	178.0	210.3	215.9	183.0	142.8
77°	179.1	197.0	151.4	142.0	142.3	114.1	151.3	181.4	181.2	147.9	123.7
78°	152.2	165.5	126.0	120.1	121.3	96.9	126.5	153.4	150.4	124.6	104.8
79°	127.2	139.3	103.7	100.1	103.6	83.7	105.3	129.7	127.0	101.3	86.0
80°	110.0	116.9	85.3	84.3	89.3	72.4	88.9	112.8	107.7	77.9	73.8
81°	95.4	98.3	69.5	71.1	75.0	62.0	76.5	96.0	88.6	64.6	62.7
82°	79.1	80.7	55.5	58.6	63.0	51.7	64.7	79.3	73.7	52.6	53.0
83°	64.4	65.4	45.2	48.0	52.2	43.2	54.4	66.0	60.6	41.2	44.8
84°	51.4	53.5	37.8	38.0	42.3	35.2	45.0	53.9	48.4	32.8	36.7
85°	40.2	41.5	30.3	30.4	32.8	27.1	34.7	41.0	36.5	26.3	30.0
86°	30.7	29.6	22.8	22.8	23.3	19.0	24.5	28.2	26.3	18.2	20.1
87°	21.3	17.6	15.3	15.2	13.9	11.0	14.3	14.9	15.3	13.9	12.0
88°	12.0	7.9	7.2	7.7	6.9	6.0	5.2	9.2	9.8	9.6	8.9
89°	7.4	3.2	5.6	5.9	5.7	5.0	4.1	3.6	4.3	5.3	5.9

REPORT NUMBER: P1192943
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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	5.2	2.4	5.0	5.4	5.3	4.7	4.1	3.6	4.2	4.9	5.5
91°	5.0	2.4	4.9	5.2	5.2	4.7	4.1	3.6	4.1	4.8	5.3
92°	4.9	2.3	4.8	5.2	5.2	4.7	4.2	3.7	4.2	4.8	5.2
93°	4.7	2.3	4.5	5.0	5.1	4.7	4.2	3.8	4.2	4.7	5.1
94°	4.4	2.4	4.4	4.8	4.9	4.7	4.3	3.8	4.2	4.6	4.9
95°	4.4	2.4	4.4	4.8	4.8	4.6	4.3	3.9	4.2	4.5	4.8
96°	4.4	2.4	4.4	4.8	4.9	4.6	4.3	3.9	4.1	4.4	4.8
97°	4.4	2.4	4.4	4.8	4.9	4.6	4.3	4.0	4.1	4.5	4.8
98°	4.4	2.5	4.5	4.8	4.9	4.6	4.4	4.0	4.1	4.5	4.8
99°	4.4	2.5	4.5	4.8	4.9	4.7	4.4	4.0	4.2	4.5	4.8
100°	4.4	2.5	4.5	4.8	4.9	4.7	4.5	4.1	4.2	4.5	4.7
101°	4.4	2.6	4.4	4.8	4.9	4.7	4.5	4.1	4.3	4.5	4.7
102°	4.3	2.6	4.4	4.8	4.9	4.7	4.6	4.2	4.3	4.6	4.7
103°	4.3	2.7	4.4	4.8	4.9	4.8	4.6	4.3	4.4	4.6	4.7
104°	4.3	2.7	4.4	4.7	4.9	4.8	4.7	4.4	4.4	4.6	4.7
105°	4.2	2.7	4.3	4.7	4.8	4.8	4.8	4.5	4.5	4.6	4.7
106°	4.2	2.8	4.2	4.6	4.8	4.9	4.8	4.6	4.6	4.6	4.6
107°	4.1	2.8	4.2	4.6	4.8	4.9	4.9	4.7	4.7	4.7	4.6
108°	4.1	2.9	4.1	4.5	4.8	5.0	5.0	4.8	4.7	4.7	4.6
109°	4.0	2.9	4.0	4.5	4.9	5.0	5.1	4.9	4.8	4.8	4.6
110°	3.9	3.0	4.0	4.5	4.9	5.1	5.2	5.0	4.9	4.8	4.5
111°	3.9	3.1	3.9	4.5	4.9	5.2	5.3	5.2	5.1	4.9	4.6
112°	3.8	3.1	3.9	4.5	5.0	5.3	5.4	5.3	5.2	4.9	4.6
113°	3.8	3.2	3.8	4.5	5.0	5.4	5.6	5.4	5.3	5.0	4.7
114°	3.8	3.3	3.8	4.5	5.1	5.5	5.7	5.6	5.4	5.1	4.7
115°	3.8	3.3	3.8	4.6	5.2	5.6	5.8	5.7	5.5	5.2	4.8
116°	3.8	3.4	3.8	4.6	5.3	5.7	5.9	5.8	5.6	5.3	4.9
117°	3.8	3.5	3.9	4.7	5.4	5.8	6.1	6.0	5.7	5.4	5.0
118°	3.8	3.6	3.9	4.8	5.5	5.9	6.2	6.1	5.9	5.6	5.1
119°	3.9	3.7	3.9	4.9	5.6	6.1	6.3	6.2	6.0	5.7	5.3
120°	3.9	3.7	4.0	5.0	5.7	6.2	6.4	6.4	6.1	5.8	5.4
121°	3.9	3.8	4.0	5.0	5.8	6.3	6.5	6.4	6.2	5.9	5.4
122°	3.9	3.8	4.0	5.0	5.8	6.3	6.5	6.4	6.2	5.9	5.5
123°	3.9	3.8	3.9	5.0	5.8	6.3	6.5	6.4	6.2	5.9	5.4
124°	3.9	3.8	3.9	4.9	5.8	6.2	6.4	6.4	6.2	5.9	5.4
125°	3.8	3.8	3.8	4.9	5.7	6.1	6.3	6.3	6.1	5.8	5.3
126°	3.7	3.7	3.8	4.8	5.6	6.0	6.1	6.1	5.9	5.7	5.2
127°	3.7	3.6	3.7	4.6	5.4	5.8	6.0	6.0	5.8	5.5	5.1
128°	3.6	3.5	3.6	4.5	5.3	5.6	5.7	5.7	5.6	5.4	5.0
129°	3.4	3.4	3.4	4.3	5.1	5.4	5.5	5.5	5.3	5.1	4.8
130°	3.3	3.3	3.3	4.1	4.8	5.1	5.2	5.2	5.1	4.9	4.5
131°	3.1	3.1	3.1	3.9	4.5	4.8	4.9	4.8	4.7	4.6	4.3
132°	3.0	2.9	2.9	3.7	4.2	4.4	4.5	4.5	4.4	4.3	4.0
133°	2.8	2.7	2.7	3.4	3.8	4.1	4.1	4.1	4.0	3.9	3.6
134°	2.6	2.5	2.5	3.1	3.5	3.7	3.7	3.6	3.6	3.5	3.3

REPORT NUMBER: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	2.4	2.2	2.3	2.8	3.1	3.2	3.3	3.2	3.2	3.1	3.0
136°	2.2	2.0	2.1	2.4	2.7	2.8	2.8	2.8	2.8	2.7	2.6
137°	2.0	1.7	1.8	2.1	2.3	2.4	2.4	2.4	2.3	2.3	2.2
138°	1.8	1.5	1.6	1.8	1.9	2.0	2.0	2.0	1.9	1.9	1.9
139°	1.6	1.3	1.4	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.6
140°	1.4	1.1	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3
141°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1
142°	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0
143°	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9
144°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9
145°	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8
146°	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.7
147°	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.7
148°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.6
149°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
150°	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
151°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
152°	0.6	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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
154°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
155°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
156°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
157°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4
159°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
161°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
163°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
164°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
166°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4
167°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
168°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
169°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4
171°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4
172°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
173°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
174°	0.4	0.4	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	0.3	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4



REPORT NUMBER: P1192943
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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: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	7.8	7.8	7.8
1°	6.9	6.7	6.5
2°	15.7	11.9	7.2
3°	24.6	20.2	16.6
4°	33.6	28.7	26.1
5°	39.8	37.2	35.5
6°	44.3	40.8	39.6
7°	46.8	45.3	42.8
8°	52.2	49.1	46.3
9°	55.5	52.8	50.1
10°	60.5	56.3	52.9
11°	71.8	64.1	58.0
12°	82.3	74.3	68.7
13°	91.6	80.7	77.1
14°	96.4	89.5	84.8
15°	103.1	96.4	90.7
16°	109.3	102.7	99.6
17°	117.3	110.0	105.1
18°	124.7	116.8	111.0
19°	138.9	124.7	118.5
20°	154.0	137.7	127.2
21°	161.5	146.8	136.8
22°	172.4	157.6	148.5
23°	180.6	164.8	158.3
24°	190.6	172.9	166.3
25°	202.3	182.6	174.1
26°	212.0	191.9	183.2
27°	218.8	199.7	193.6
28°	229.0	208.1	202.6
29°	238.7	218.9	212.4
30°	250.5	226.5	222.1
31°	258.9	237.6	230.4
32°	272.3	245.1	242.7
33°	289.1	262.3	256.1
34°	306.0	276.8	270.4
35°	322.8	297.2	292.4
36°	349.2	317.6	314.6
37°	377.3	338.0	336.7
38°	394.3	355.1	347.9
39°	403.6	376.2	376.1
40°	413.9	393.7	403.7
41°	447.7	417.5	435.9
42°	482.8	443.6	477.8
43°	498.2	477.0	503.9
44°	513.3	489.2	531.9

REPORT NUMBER: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	537.9	499.2	558.6
46°	553.2	507.5	583.7
47°	594.9	519.1	611.2
48°	615.7	534.4	624.3
49°	624.8	539.2	634.0
50°	635.9	544.6	643.6
51°	646.4	550.4	654.1
52°	654.9	555.7	663.9
53°	659.6	561.3	671.6
54°	661.0	565.7	678.7
55°	659.2	568.0	685.8
56°	656.9	569.2	690.2
57°	651.9	570.7	691.9
58°	645.8	571.7	694.5
59°	635.3	572.5	696.0
60°	621.9	571.5	691.3
61°	606.7	569.1	683.9
62°	586.5	564.4	675.6
63°	565.2	555.7	665.9
64°	541.7	543.8	654.8
65°	512.6	529.8	640.2
66°	483.3	511.5	624.7
67°	454.7	492.4	604.4
68°	423.2	470.4	575.2
69°	384.5	440.5	537.8
70°	347.5	405.4	499.2
71°	307.6	373.0	465.2
72°	277.4	335.6	436.4
73°	254.8	299.4	401.5
74°	229.2	271.7	353.4
75°	202.8	244.8	311.6
76°	180.5	214.5	275.6
77°	155.8	183.5	238.3
78°	135.4	149.7	201.5
79°	117.8	128.9	168.1
80°	100.2	108.4	142.6
81°	82.6	87.9	122.8
82°	66.1	72.2	103.0
83°	51.9	59.4	83.3
84°	42.2	48.2	62.2
85°	32.3	36.6	46.4
86°	23.5	27.2	33.2
87°	16.4	19.5	21.6
88°	12.8	14.8	15.1
89°	9.2	10.1	8.7

REPORT NUMBER: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	5.5	5.3	2.2
91°	5.4	5.1	2.0
92°	5.2	4.8	2.0
93°	4.9	4.5	2.1
94°	4.8	4.4	2.1
95°	4.7	4.4	2.1
96°	4.7	4.4	2.1
97°	4.7	4.3	2.2
98°	4.6	4.3	2.2
99°	4.6	4.3	2.3
100°	4.6	4.2	2.3
101°	4.6	4.2	2.3
102°	4.6	4.2	2.4
103°	4.5	4.1	2.4
104°	4.5	4.1	2.5
105°	4.5	4.1	2.5
106°	4.4	3.9	2.6
107°	4.3	3.8	2.6
108°	4.2	3.8	2.7
109°	4.1	3.7	2.8
110°	4.1	3.7	2.8
111°	4.1	3.6	2.9
112°	4.1	3.6	3.0
113°	4.1	3.6	3.0
114°	4.2	3.6	3.1
115°	4.2	3.6	3.2
116°	4.3	3.6	3.3
117°	4.3	3.7	3.4
118°	4.4	3.7	3.5
119°	4.5	3.8	3.6
120°	4.6	3.8	3.6
121°	4.6	3.8	3.7
122°	4.6	3.8	3.7
123°	4.6	3.8	3.7
124°	4.6	3.8	3.7
125°	4.5	3.7	3.7
126°	4.4	3.6	3.7
127°	4.3	3.5	3.6
128°	4.2	3.4	3.5
129°	4.0	3.3	3.4
130°	3.8	3.2	3.2
131°	3.6	3.0	3.1
132°	3.4	2.8	2.9
133°	3.1	2.6	2.7
134°	2.9	2.4	2.4

REPORT NUMBER: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	2.6	2.2	2.2
136°	2.3	1.9	2.0
137°	2.0	1.7	1.7
138°	1.7	1.5	1.5
139°	1.5	1.4	1.3
140°	1.2	1.2	1.2
141°	1.1	1.0	1.1
142°	1.0	1.0	1.0
143°	0.9	0.9	0.9
144°	0.8	0.8	0.9
145°	0.8	0.8	0.8
146°	0.7	0.7	0.8
147°	0.7	0.7	0.7
148°	0.6	0.7	0.7
149°	0.6	0.6	0.6
150°	0.6	0.6	0.6
151°	0.5	0.5	0.6
152°	0.5	0.5	0.5
153°	0.5	0.5	0.5
154°	0.5	0.5	0.5
155°	0.4	0.4	0.5
156°	0.4	0.4	0.4
157°	0.4	0.4	0.4
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	0.4
167°	0.4	0.4	0.4
168°	0.4	0.4	0.4
169°	0.4	0.4	0.4
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	0.4
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: P1192943
CATALOG NUMBER: BOLY42-25S-BZ-20W-3000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.4	0.4	0.4

(END OF REPORT)