

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: P1192941

Luminaire Tested: BOLY42-25S-BZ-15W-4000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192941
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-15W-4000K
Description: Y-Shaped bollard, 42" length, 15W, BZ at 4000K

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

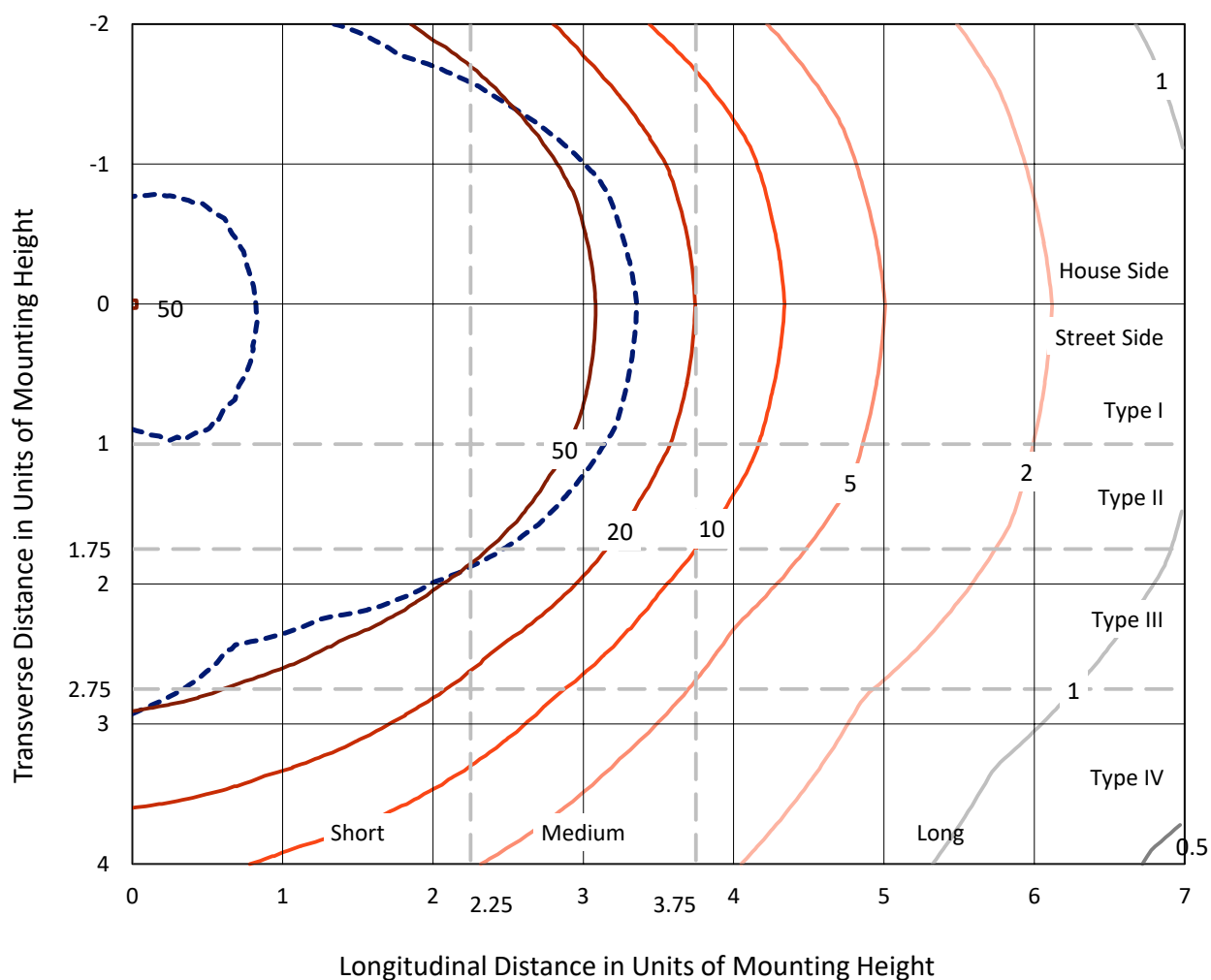
Lumens per Lamp: 1889.2 (1 lamp)
Luminaire Lumens: 1964.3 lumens
Efficiency: 104.0%
Efficacy: 135.5 lumens/watt
Luminous Opening: Circular (Dia: 0.25' x H: 0')
IES Classification: Type III - Short - Cutoff
BUG Rating: B1 - U2 - G1

Input Watts (W): 14.5
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

REPORT NUMBER: P1192941
 CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

Iso-Footcandle Lines of Horizontal Illumination

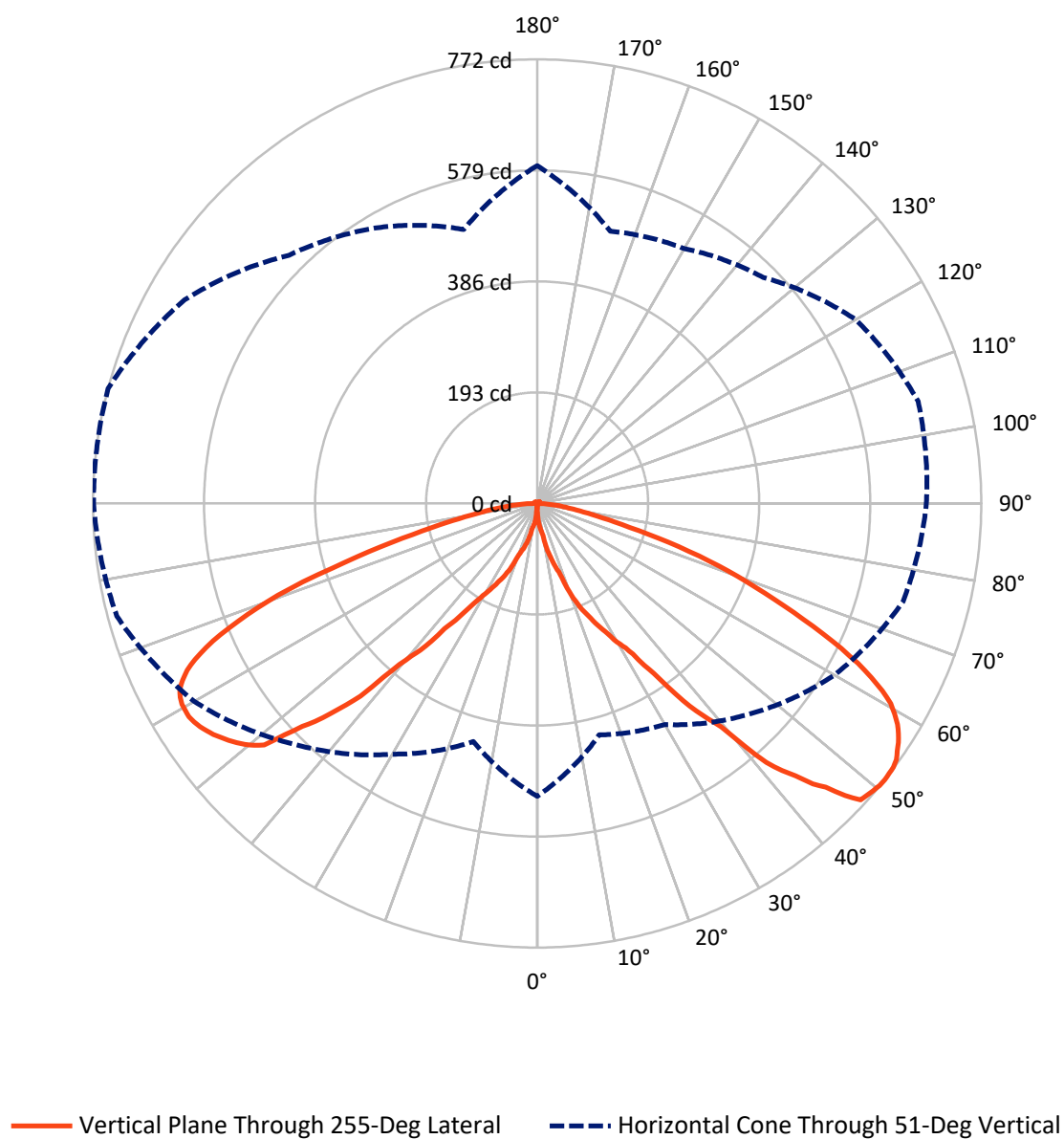
× Max cd
 --- 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 773.1 fc
 Type III - Short - Cutoff

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

Luminous Intensity Polar Plot



REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

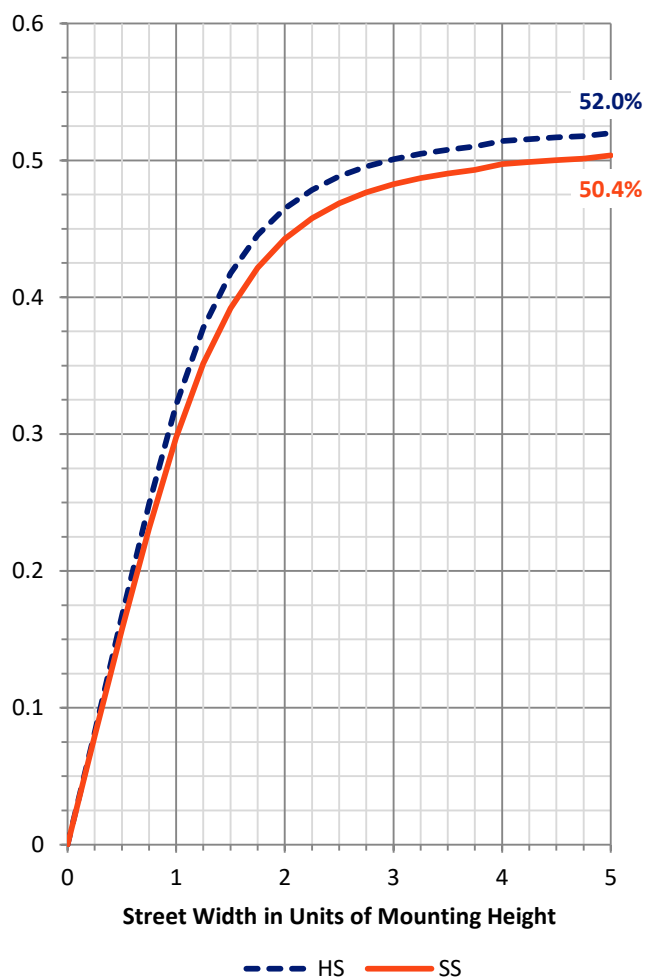
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	988.4	8.7	997.2
	% Lamp	52.3	0.5	52.8
Street Side	Lumens	958.7	8.4	967.2
	% Lamp	50.7	0.4	51.2
Total	Lumens	1947.1	17.2	1964.3
	% Lamp	103.1	0.9	104.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	3.1	0.2	0.2
10°-20°	24.4	1.2	1.3
20°-30°	79.4	4.0	4.2
30°-40°	182.3	9.3	9.6
40°-50°	389.8	19.8	20.6
50°-60°	533.6	27.2	28.2
60°-70°	480.5	24.5	25.4
70°-80°	213.2	10.9	11.3
80°-90°	40.8	2.1	2.2
90°-100°	3.8	0.2	0.2
100°-110°	3.6	0.2	0.2
110°-120°	3.6	0.2	0.2
120°-130°	3.5	0.2	0.2
130°-140°	1.9	0.1	0.1
140°-150°	0.5	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°	1947.1	99.1	103.1
0°-180°	1964.3	100.0	104.0

Coefficient of Utilization



REPORT NUMBER: P1192941

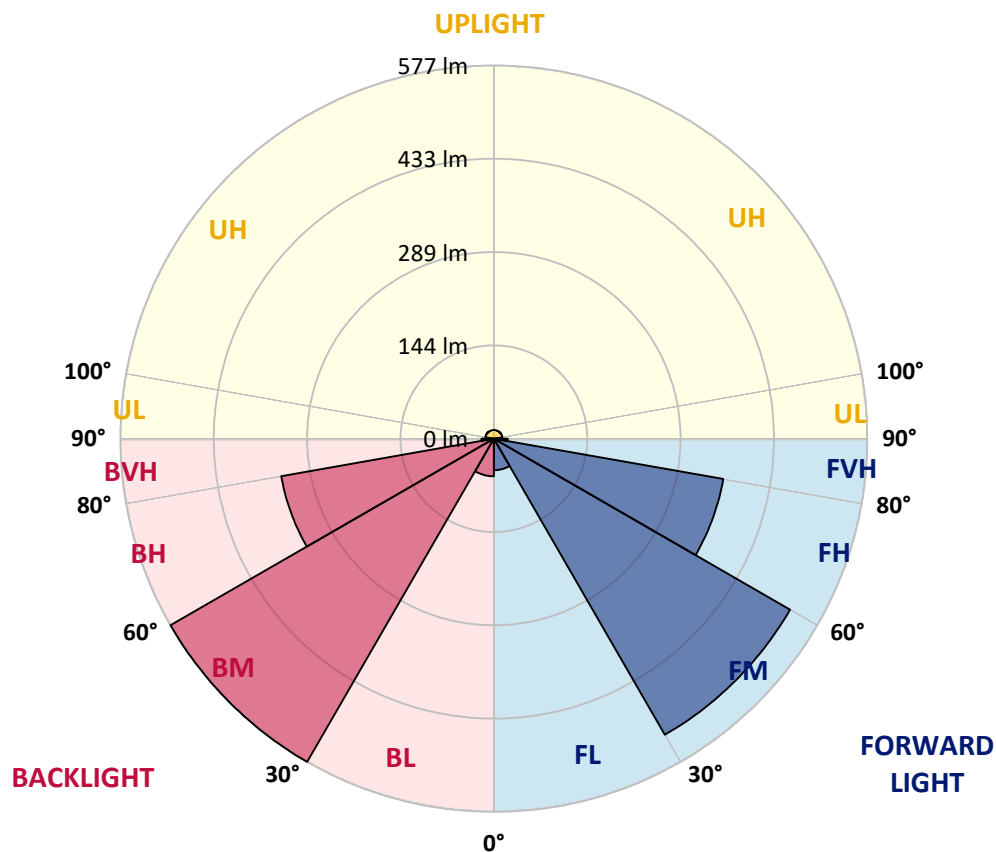
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	48.8	2.6			
FM	(30°-60°)	528.6	28.0			
FH	(60°-80°)	360.0	19.1			G0/660
FVH	(80°-90°)	21.4	1.1			G1/100
BL	(0°-30°)	58.2	3.1	B0/110		
BM	(30°-60°)	577.1	30.5	B1/1000		
BH	(60°-80°)	333.7	17.7	B1/500		G1/500
BVH	(80°-90°)	19.4	1.0			G1/100
UL	(90°-100°)	3.8	0.2		U1/10	
UH	(100°-180°)	13.3	0.7		U2/50	
Trapped Light		-75.1	-4.0			

BUG Rating: B1-U2-G1

Type III Short



REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
1°	5.1	5.0	4.7	4.2	3.8	3.8	3.6	3.6	4.0	4.3	4.6
2°	5.6	5.3	5.2	5.0	4.6	4.3	4.1	4.3	7.7	7.9	5.6
3°	12.9	10.9	6.1	5.6	5.6	5.6	6.2	8.1	11.5	11.6	6.6
4°	20.3	17.0	13.5	14.6	12.3	12.1	8.5	12.0	15.3	15.2	17.7
5°	27.6	23.1	21.0	19.9	19.2	18.7	21.2	22.5	21.9	20.4	23.9
6°	30.8	29.3	28.5	25.0	26.1	25.3	28.3	28.6	26.8	26.9	27.8
7°	33.3	31.9	31.2	30.2	28.8	31.8	32.8	32.4	31.2	29.4	31.7
8°	36.1	35.1	34.5	32.8	31.3	34.5	36.6	36.0	35.1	33.2	35.1
9°	39.0	36.9	36.0	35.2	33.2	36.5	40.1	38.2	37.6	35.5	37.9
10°	41.2	39.1	38.6	37.1	36.5	39.5	43.7	41.5	39.8	37.0	41.5
11°	45.1	42.2	41.0	39.2	39.1	42.3	46.3	44.0	42.9	40.8	45.5
12°	53.5	48.1	46.6	43.9	43.6	46.3	48.9	48.0	47.9	44.5	54.0
13°	60.0	54.0	53.6	54.9	54.0	55.6	56.5	57.4	59.0	57.3	63.8
14°	66.0	59.0	58.0	60.0	61.4	62.6	63.4	66.2	66.1	62.7	70.3
15°	70.6	65.7	62.4	63.8	66.6	69.6	70.8	72.8	73.9	69.9	77.4
16°	77.5	70.1	66.5	68.5	70.7	74.0	77.8	80.5	79.6	75.0	84.4
17°	81.8	75.4	69.8	72.4	76.1	80.8	81.4	85.9	85.0	82.2	90.2
18°	86.4	79.9	75.2	77.1	80.5	84.3	87.9	91.4	91.0	89.1	95.9
19°	92.2	84.4	79.5	80.7	85.0	89.4	94.8	96.9	97.0	96.1	101.8
20°	99.0	89.1	83.6	86.6	91.8	93.6	101.8	102.5	103.2	103.2	112.2
21°	106.5	95.9	94.0	95.7	101.8	102.6	108.7	115.8	117.3	121.0	127.6
22°	115.6	102.7	99.9	103.5	110.9	114.0	118.9	127.2	130.3	131.2	139.0
23°	123.2	109.5	106.5	110.4	117.3	123.9	127.9	134.3	141.0	140.6	149.4
24°	129.4	116.3	113.4	117.6	123.9	131.0	135.8	146.6	149.6	150.4	158.4
25°	135.5	121.0	120.0	124.3	131.0	139.7	144.3	155.0	158.7	160.0	165.5
26°	142.6	126.2	124.9	130.9	138.3	146.5	152.9	162.4	167.5	168.7	174.2
27°	150.7	133.5	130.8	138.2	146.3	153.5	161.0	170.7	175.3	176.9	182.6
28°	157.7	142.5	141.1	147.3	152.4	162.3	169.3	178.2	184.5	186.3	191.0
29°	165.3	147.5	148.7	155.7	159.4	169.7	177.3	185.7	195.2	195.9	198.1
30°	172.9	154.4	154.2	162.6	168.2	177.3	186.4	194.8	203.5	206.8	206.9
31°	179.4	160.5	160.0	169.9	176.4	185.8	195.4	203.2	213.1	216.3	213.7
32°	188.9	169.6	166.4	177.6	183.1	196.5	207.2	215.4	221.0	225.3	225.8
33°	199.3	178.9	176.2	188.6	190.0	207.6	223.6	227.0	229.1	239.5	237.5
34°	210.5	186.7	182.9	198.5	201.0	223.5	236.9	240.8	238.6	249.9	251.0
35°	227.6	196.4	196.2	210.9	209.8	239.5	249.0	257.1	249.7	262.3	259.0
36°	244.9	215.7	203.2	217.1	233.2	255.5	269.9	274.6	263.8	270.9	275.8
37°	262.1	226.8	219.9	236.4	256.7	270.5	296.7	303.3	286.8	294.2	302.9
38°	270.8	237.6	236.9	256.1	280.2	302.0	329.9	337.0	326.9	321.3	326.9
39°	292.7	250.2	254.0	264.7	297.9	325.8	350.9	358.7	344.7	329.9	336.5
40°	314.2	265.7	272.2	273.8	309.4	343.5	388.4	386.7	363.1	339.0	360.1
41°	339.3	282.2	283.7	293.3	334.9	368.2	401.8	407.2	394.4	358.8	368.0
42°	371.9	298.5	298.7	318.9	364.9	402.5	438.5	436.7	427.9	385.0	387.4
43°	392.3	323.5	331.0	354.9	401.7	454.5	486.7	488.2	468.4	420.3	420.0
44°	414.0	343.0	341.0	377.7	428.5	482.2	511.3	513.1	491.8	442.6	430.0

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	434.8	360.5	349.2	389.9	452.6	512.1	541.7	547.2	513.8	454.9	437.8
46°	454.3	370.4	357.2	409.3	480.9	540.8	565.3	572.8	541.3	477.5	445.0
47°	475.7	378.7	373.7	430.0	504.8	562.8	588.6	593.9	557.9	497.1	461.0
48°	485.9	391.7	398.8	454.5	535.1	595.1	617.1	625.5	590.2	529.0	490.0
49°	493.5	405.0	423.2	489.4	570.3	633.3	651.5	663.0	620.3	550.5	507.3
50°	500.9	411.5	433.8	504.2	583.5	647.1	667.3	677.1	630.3	553.6	510.5
51°	509.1	416.5	443.6	518.4	596.5	658.3	676.5	685.5	639.3	555.6	511.6
52°	516.8	422.9	453.0	529.1	608.0	667.7	684.9	694.4	645.9	557.2	512.8
53°	522.7	429.0	459.8	534.2	618.8	675.9	692.4	702.6	649.3	560.9	513.3
54°	528.3	434.1	467.1	539.0	628.7	683.7	700.0	708.2	652.7	567.5	514.2
55°	533.8	438.1	474.1	544.4	636.5	691.4	705.4	713.3	656.2	572.3	515.4
56°	537.2	441.7	481.5	550.1	643.3	697.2	709.6	717.1	658.3	575.4	516.4
57°	538.6	442.7	486.5	555.5	651.3	702.7	713.2	719.4	658.5	575.8	515.2
58°	540.6	441.7	490.2	560.8	658.9	706.9	715.3	719.1	655.6	571.4	512.2
59°	541.8	439.3	492.0	566.3	664.3	709.6	714.7	717.9	652.7	564.1	504.4
60°	538.1	436.2	490.3	569.7	666.4	709.7	713.4	715.0	647.4	555.4	487.5
61°	532.3	431.6	488.2	571.1	669.1	709.2	710.2	709.1	638.4	544.1	468.7
62°	525.9	427.8	485.1	569.5	668.8	705.9	705.4	699.3	627.0	528.4	464.5
63°	518.3	423.1	478.7	564.6	663.8	700.0	694.7	686.4	614.1	510.6	449.0
64°	509.7	418.0	469.1	552.9	656.8	688.8	681.6	671.9	598.3	490.6	429.2
65°	498.3	409.6	454.4	536.1	645.3	673.7	662.5	652.8	576.4	467.7	405.6
66°	486.3	398.2	435.0	514.5	626.8	653.5	640.7	630.2	546.0	439.9	382.9
67°	470.4	382.5	409.3	491.4	602.8	627.6	612.9	602.5	511.6	406.8	359.5
68°	447.7	365.1	382.5	462.1	567.8	595.8	582.4	569.4	471.5	370.2	337.0
69°	418.6	349.1	353.9	423.2	522.2	558.2	550.0	531.4	430.2	334.4	315.1
70°	388.6	333.0	323.6	379.4	471.0	519.4	512.2	488.8	388.3	303.0	293.8
71°	362.1	314.0	298.9	336.6	420.5	477.9	470.6	445.1	350.1	276.4	270.8
72°	339.7	293.3	274.9	299.5	372.0	429.4	424.9	400.4	313.6	248.9	243.9
73°	312.5	267.1	251.9	263.7	326.1	373.5	377.6	354.7	279.0	221.3	217.1
74°	275.1	236.7	227.7	226.0	282.0	325.6	332.5	315.2	239.3	193.9	190.2
75°	242.5	206.5	202.8	193.8	234.9	282.8	292.5	274.3	199.8	172.0	168.7
76°	214.5	181.1	174.0	167.5	190.7	242.0	256.8	238.8	168.2	150.0	143.8
77°	185.5	158.5	149.5	142.5	154.9	205.6	221.0	203.4	142.0	131.4	123.1
78°	156.9	138.5	127.6	124.2	125.9	175.1	185.3	168.0	118.6	116.2	103.6
79°	130.8	119.3	108.1	109.9	103.5	149.5	158.6	140.0	100.1	99.6	89.6
80°	111.0	98.9	94.3	97.0	91.5	127.2	134.1	118.8	86.8	84.3	77.5
81°	95.6	84.3	80.5	84.3	79.8	107.8	113.2	101.7	76.6	73.1	67.8
82°	80.2	69.8	66.8	71.5	68.1	93.2	96.3	86.9	67.8	64.0	58.0
83°	64.8	57.5	57.0	61.9	58.2	78.8	82.2	73.1	58.9	55.0	47.9
84°	48.4	48.3	47.4	52.2	49.7	64.4	68.7	61.7	49.2	46.6	38.9
85°	36.1	40.1	39.7	43.4	41.8	53.8	56.3	51.6	41.6	39.0	32.0
86°	25.8	32.2	32.3	35.6	33.2	44.0	45.3	42.6	34.2	32.2	26.2
87°	16.8	23.6	24.6	28.6	26.3	34.9	36.2	34.1	27.0	25.5	20.4
88°	11.7	13.0	18.5	20.2	18.8	26.5	27.1	25.3	19.9	18.8	14.5
89°	6.7	9.8	11.4	13.1	11.9	16.9	18.0	16.6	12.8	12.1	8.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1.7	6.9	7.8	10.0	8.0	8.3	8.9	7.9	6.7	6.2	5.0
91°	1.6	4.0	4.2	7.0	4.2	5.7	3.6	4.0	4.4	4.5	4.2
92°	1.6	3.9	4.0	4.0	3.6	3.2	2.9	3.4	3.8	4.1	4.1
93°	1.6	3.7	4.0	3.8	3.5	3.1	3.0	3.3	3.7	4.0	4.0
94°	1.6	3.5	3.8	3.8	3.5	3.1	3.0	3.3	3.7	3.9	3.8
95°	1.6	3.4	3.6	3.7	3.5	3.1	3.0	3.3	3.7	3.9	3.7
96°	1.7	3.4	3.5	3.5	3.4	3.1	3.1	3.4	3.6	3.7	3.6
97°	1.7	3.4	3.5	3.4	3.3	3.1	3.1	3.4	3.5	3.7	3.6
98°	1.7	3.4	3.5	3.4	3.2	3.1	3.2	3.4	3.5	3.7	3.6
99°	1.8	3.3	3.5	3.4	3.2	3.1	3.2	3.3	3.5	3.7	3.6
100°	1.8	3.3	3.5	3.4	3.3	3.1	3.2	3.3	3.5	3.7	3.6
101°	1.8	3.3	3.5	3.4	3.3	3.1	3.3	3.4	3.6	3.7	3.6
102°	1.9	3.3	3.5	3.4	3.3	3.1	3.3	3.4	3.6	3.7	3.6
103°	1.9	3.3	3.4	3.4	3.3	3.2	3.3	3.5	3.6	3.7	3.6
104°	1.9	3.2	3.4	3.5	3.4	3.2	3.4	3.5	3.6	3.7	3.6
105°	2.0	3.2	3.4	3.4	3.4	3.2	3.4	3.5	3.6	3.7	3.6
106°	2.0	3.2	3.4	3.4	3.4	3.3	3.5	3.6	3.7	3.7	3.5
107°	2.0	3.1	3.4	3.4	3.4	3.3	3.6	3.6	3.7	3.7	3.5
108°	2.1	3.0	3.4	3.5	3.5	3.4	3.6	3.7	3.7	3.6	3.5
109°	2.1	2.9	3.2	3.5	3.5	3.5	3.7	3.7	3.7	3.6	3.4
110°	2.2	2.9	3.2	3.5	3.5	3.5	3.8	3.8	3.7	3.6	3.4
111°	2.2	2.9	3.2	3.5	3.6	3.6	3.8	3.8	3.8	3.6	3.4
112°	2.3	2.8	3.2	3.4	3.6	3.7	3.9	3.9	3.8	3.7	3.3
113°	2.4	2.8	3.2	3.5	3.7	3.8	4.0	4.0	3.9	3.7	3.3
114°	2.4	2.8	3.2	3.5	3.7	3.8	4.1	4.0	3.9	3.7	3.3
115°	2.5	2.8	3.2	3.6	3.8	3.9	4.2	4.1	4.0	3.8	3.4
116°	2.6	2.8	3.3	3.6	3.8	4.0	4.2	4.2	4.1	3.8	3.4
117°	2.6	2.9	3.3	3.7	3.9	4.1	4.3	4.3	4.1	3.9	3.4
118°	2.7	2.9	3.4	3.8	4.0	4.2	4.4	4.3	4.2	3.9	3.5
119°	2.8	2.9	3.4	3.8	4.1	4.2	4.5	4.4	4.3	4.0	3.5
120°	2.8	3.0	3.5	3.9	4.1	4.3	4.6	4.5	4.3	4.1	3.6
121°	2.9	3.0	3.6	4.0	4.2	4.4	4.6	4.6	4.4	4.2	3.7
122°	2.9	3.0	3.6	4.1	4.3	4.5	4.7	4.7	4.5	4.2	3.7
123°	2.9	3.0	3.6	4.1	4.4	4.6	4.8	4.8	4.6	4.3	3.7
124°	2.9	3.0	3.6	4.1	4.4	4.6	4.8	4.8	4.6	4.3	3.7
125°	2.9	3.0	3.6	4.1	4.4	4.6	4.8	4.8	4.6	4.2	3.7
126°	2.8	2.9	3.6	4.1	4.4	4.6	4.8	4.7	4.6	4.2	3.6
127°	2.8	2.9	3.5	4.0	4.3	4.5	4.7	4.7	4.5	4.1	3.6
128°	2.7	2.8	3.4	3.9	4.2	4.4	4.6	4.6	4.4	4.1	3.5
129°	2.6	2.7	3.3	3.8	4.1	4.3	4.5	4.4	4.3	4.0	3.4
130°	2.5	2.6	3.2	3.7	4.0	4.2	4.3	4.3	4.2	3.8	3.3
131°	2.4	2.5	3.1	3.6	3.8	4.0	4.2	4.1	4.0	3.7	3.1
132°	2.2	2.4	2.9	3.4	3.7	3.8	3.9	3.9	3.8	3.5	3.0
133°	2.1	2.2	2.8	3.2	3.4	3.6	3.7	3.7	3.6	3.3	2.8
134°	1.9	2.1	2.6	3.0	3.2	3.4	3.5	3.5	3.3	3.1	2.6

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	1.7	1.9	2.4	2.7	3.0	3.1	3.2	3.2	3.1	2.8	2.4
136°	1.5	1.8	2.2	2.5	2.7	2.8	2.9	2.9	2.8	2.5	2.2
137°	1.4	1.6	1.9	2.2	2.4	2.5	2.7	2.6	2.5	2.3	1.9
138°	1.2	1.4	1.7	2.0	2.1	2.2	2.4	2.3	2.2	2.0	1.7
139°	1.0	1.3	1.5	1.7	1.9	2.0	2.1	2.0	1.9	1.7	1.5
140°	0.9	1.1	1.3	1.5	1.6	1.7	1.8	1.7	1.6	1.5	1.3
141°	0.8	0.9	1.1	1.2	1.3	1.4	1.5	1.5	1.4	1.2	1.1
142°	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.2	1.2	1.0	0.9
143°	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.0	0.9	0.8
144°	0.7	0.7	0.8	0.8	0.8	0.9	1.0	0.9	0.9	0.8	0.8
145°	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.8	0.7
146°	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7
147°	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.7	0.7
148°	0.5	0.6	0.6	0.6	0.6	0.6	0.8	0.7	0.7	0.7	0.6
149°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6
150°	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.6	0.6	0.6
151°	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5
152°	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5
153°	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.5	0.5	0.5	0.5
154°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
155°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4
156°	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
157°	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
159°	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
160°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
161°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
163°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
164°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
166°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
168°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
169°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
171°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
173°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
179°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
1°	7.7	5.3	8.0	11.7	13.0	13.5	13.5	5.7	5.7	5.6	5.5
2°	10.5	5.7	11.1	15.3	17.5	18.4	18.5	15.3	14.9	14.2	13.2
3°	13.3	17.1	19.7	22.5	25.4	26.3	27.4	24.9	24.2	23.0	21.2
4°	21.7	23.6	25.3	26.4	29.5	31.7	33.6	34.5	33.6	31.9	29.1
5°	27.5	29.6	30.3	30.4	31.8	35.4	37.4	38.9	38.6	35.3	31.5
6°	31.7	33.3	32.5	34.0	35.2	38.0	41.3	42.8	40.9	37.8	35.7
7°	35.5	37.6	36.5	35.9	37.6	41.6	43.9	46.4	43.7	40.3	38.8
8°	38.6	40.1	40.0	39.6	41.8	44.6	48.3	49.4	46.5	42.5	41.3
9°	42.1	43.2	43.1	43.2	45.6	48.2	51.6	52.9	49.7	45.5	45.8
10°	45.3	46.9	47.1	46.2	50.1	53.9	57.1	60.6	56.3	50.3	48.3
11°	50.2	52.2	57.6	59.5	66.2	70.4	74.0	72.9	70.4	65.1	60.2
12°	58.2	60.7	67.1	68.9	75.9	80.6	83.8	82.6	79.7	74.7	69.2
13°	65.1	70.0	73.7	78.1	84.8	88.9	91.9	91.0	87.7	80.9	76.1
14°	74.7	79.3	80.7	86.0	92.2	97.3	100.1	98.0	94.2	88.7	82.3
15°	84.4	86.8	87.6	93.9	99.7	105.6	108.9	107.2	102.7	94.3	87.6
16°	92.1	94.3	94.5	101.8	107.2	114.0	116.7	114.2	109.3	101.3	94.0
17°	99.7	101.7	101.4	110.9	115.8	121.8	124.4	122.2	115.8	107.6	99.2
18°	107.7	108.9	110.9	119.0	125.0	131.7	135.2	135.1	125.4	114.7	105.2
19°	114.3	116.8	123.1	136.7	148.1	154.3	156.1	153.7	142.0	133.6	121.6
20°	128.2	128.3	138.0	148.3	159.6	171.4	169.9	166.8	156.4	145.1	131.5
21°	139.2	137.7	147.7	157.6	170.3	182.8	182.4	177.7	168.7	156.9	140.1
22°	147.7	152.7	158.1	170.0	180.8	193.5	195.4	188.3	179.3	166.6	147.4
23°	159.0	160.3	165.4	180.8	196.2	203.8	204.8	199.3	189.5	175.8	158.0
24°	167.2	170.9	173.4	191.8	206.4	215.5	214.5	209.7	199.0	184.1	168.2
25°	174.4	178.5	183.4	200.6	215.7	226.2	226.0	220.5	208.2	192.5	176.9
26°	182.7	189.1	190.0	209.0	226.7	236.5	236.7	231.3	217.0	201.7	184.4
27°	196.4	201.2	197.7	216.8	237.4	247.7	247.0	242.1	229.1	210.1	191.9
28°	206.3	209.7	208.6	228.5	246.2	257.9	257.2	253.7	241.2	218.5	200.7
29°	215.2	217.4	216.9	239.0	258.1	266.8	271.9	265.9	251.7	229.0	212.1
30°	223.7	228.3	225.1	245.8	270.7	275.5	283.8	278.9	261.6	239.6	221.8
31°	235.5	242.1	233.6	252.6	281.4	285.2	294.6	295.7	277.5	248.3	231.6
32°	250.3	252.7	245.0	267.4	290.4	296.8	309.9	310.3	296.0	257.0	241.3
33°	258.1	261.7	258.8	281.8	303.8	308.0	337.6	328.6	307.2	274.7	248.8
34°	268.1	286.1	275.7	300.0	311.1	329.4	358.2	364.7	335.2	290.9	265.1
35°	293.4	307.2	292.7	310.7	330.6	354.9	391.5	407.6	364.0	322.3	282.5
36°	310.5	328.2	310.6	342.5	359.8	407.2	426.9	435.0	397.3	355.6	309.5
37°	319.9	345.9	336.2	363.9	370.6	422.4	454.5	463.9	424.5	379.2	320.2
38°	342.7	375.0	350.7	370.7	382.9	438.2	478.6	493.8	440.1	397.5	331.4
39°	363.0	385.3	367.9	377.4	406.4	468.0	503.3	520.8	474.6	425.0	355.4
40°	387.9	421.7	390.8	386.5	428.0	502.5	553.4	567.7	509.8	452.9	376.7
41°	395.2	448.4	405.7	423.2	467.2	540.2	601.2	609.4	565.1	496.6	418.2
42°	420.0	475.4	432.8	447.7	492.9	568.5	629.9	637.6	590.4	518.5	440.9
43°	431.0	493.1	453.3	458.1	502.7	594.0	652.2	657.2	619.9	546.6	457.7
44°	458.6	516.5	458.0	467.8	519.9	619.0	683.7	686.4	645.5	568.9	471.6

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	467.5	539.9	462.1	485.2	547.1	641.0	703.3	705.5	672.4	601.0	496.4
46°	472.0	559.7	465.0	500.3	572.9	668.4	737.9	738.0	705.3	626.9	525.4
47°	474.0	575.5	475.0	533.3	606.2	696.2	762.6	758.7	733.6	659.0	564.8
48°	475.9	580.4	485.7	543.3	611.7	701.2	765.7	762.6	742.6	667.6	577.4
49°	480.4	583.6	488.6	548.7	611.6	703.4	768.3	766.6	748.4	676.2	583.6
50°	485.0	585.8	491.5	552.3	610.9	706.5	770.9	768.9	753.6	683.0	589.1
51°	490.0	587.1	493.0	553.5	610.1	707.6	771.9	770.9	756.4	688.3	593.1
52°	494.5	587.7	493.6	552.5	609.6	706.3	771.2	771.2	758.1	693.6	596.0
53°	497.6	587.0	493.8	549.2	607.5	702.3	770.5	769.8	758.0	695.8	597.6
54°	500.5	585.4	492.8	544.2	604.8	700.3	766.9	767.4	757.2	696.5	598.6
55°	502.6	581.5	489.9	537.2	599.5	693.4	759.5	763.5	754.9	696.4	599.9
56°	502.0	573.1	483.8	526.9	593.3	685.4	753.1	757.4	751.3	695.2	601.0
57°	494.9	568.6	475.4	512.7	584.4	677.2	744.7	749.0	745.7	692.5	599.7
58°	495.6	566.0	468.0	499.0	571.2	667.7	734.8	738.7	736.9	688.3	593.4
59°	493.8	557.4	459.9	484.5	552.6	653.0	720.9	726.3	724.5	677.0	581.0
60°	485.9	547.3	450.0	470.0	531.0	633.5	706.3	710.0	706.4	661.9	565.1
61°	475.8	530.8	437.5	449.5	504.3	608.5	682.7	688.4	683.8	641.4	544.4
62°	463.6	519.6	429.3	427.2	478.1	580.6	654.8	661.6	657.4	615.9	521.2
63°	449.0	504.0	415.6	403.6	451.5	549.2	623.0	631.4	626.8	586.3	495.6
64°	433.0	485.9	399.9	381.4	420.2	512.3	585.8	597.7	595.6	554.8	465.0
65°	416.2	468.9	382.9	357.3	389.8	473.7	546.1	559.9	558.5	521.6	433.0
66°	398.9	449.3	364.4	333.9	359.9	435.3	504.6	520.5	520.2	486.2	402.3
67°	380.7	428.2	346.8	311.6	330.0	399.5	463.9	478.7	483.8	449.1	372.2
68°	362.1	407.0	328.6	290.3	303.1	363.6	425.5	436.3	450.5	415.6	339.5
69°	339.4	379.9	309.7	269.9	275.5	325.9	388.3	397.5	416.3	381.9	306.2
70°	311.7	350.0	288.2	249.3	249.5	287.4	353.5	361.7	378.4	345.8	275.3
71°	283.4	321.2	262.0	228.7	223.5	250.1	315.8	326.6	338.3	309.8	244.8
72°	260.1	294.8	235.5	208.0	197.6	212.8	276.5	291.4	298.3	270.8	213.5
73°	236.5	271.5	209.2	184.8	177.1	175.6	238.3	254.8	258.4	235.9	185.5
74°	212.8	240.6	187.5	163.9	159.4	149.4	200.1	218.9	226.4	204.8	158.0
75°	189.0	209.8	162.8	143.6	139.6	125.2	166.4	189.5	197.4	173.5	131.7
76°	163.0	179.0	140.2	126.1	124.1	104.5	138.5	163.7	168.0	142.4	111.1
77°	139.4	153.3	117.9	110.6	110.7	88.8	117.8	141.2	141.0	115.1	96.3
78°	118.5	128.9	98.1	93.5	94.4	75.4	98.4	119.4	117.1	97.0	81.6
79°	99.0	108.4	80.7	77.9	80.7	65.1	82.0	101.0	98.9	78.8	66.9
80°	85.6	91.0	66.4	65.6	69.5	56.4	69.2	87.8	83.8	60.7	57.4
81°	74.2	76.5	54.1	55.4	58.4	48.3	59.6	74.8	68.9	50.3	48.8
82°	61.6	62.8	43.2	45.6	49.1	40.2	50.3	61.7	57.3	41.0	41.2
83°	50.1	50.9	35.2	37.4	40.6	33.7	42.3	51.4	47.2	32.1	34.8
84°	40.0	41.7	29.4	29.6	32.9	27.4	35.0	42.0	37.7	25.5	28.5
85°	31.3	32.3	23.6	23.7	25.6	21.1	27.0	31.9	28.4	20.4	23.3
86°	23.9	23.0	17.8	17.7	18.2	14.8	19.1	21.9	20.5	14.2	15.7
87°	16.6	13.7	11.9	11.8	10.8	8.6	11.2	11.6	11.9	10.8	9.4
88°	9.4	6.2	5.6	6.0	5.4	4.7	4.0	7.1	7.6	7.4	7.0
89°	5.8	2.5	4.4	4.6	4.5	3.9	3.2	2.8	3.4	4.1	4.6

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	4.1	1.9	3.9	4.2	4.2	3.7	3.2	2.8	3.2	3.8	4.2
91°	3.9	1.8	3.8	4.1	4.1	3.7	3.2	2.8	3.2	3.7	4.1
92°	3.8	1.8	3.7	4.0	4.0	3.6	3.2	2.9	3.2	3.7	4.1
93°	3.6	1.8	3.5	3.9	4.0	3.7	3.3	2.9	3.3	3.7	3.9
94°	3.5	1.8	3.4	3.7	3.8	3.6	3.3	3.0	3.3	3.6	3.8
95°	3.5	1.9	3.5	3.7	3.8	3.6	3.3	3.0	3.2	3.5	3.7
96°	3.5	1.9	3.5	3.7	3.8	3.6	3.4	3.1	3.2	3.5	3.7
97°	3.4	1.9	3.5	3.7	3.8	3.6	3.4	3.1	3.2	3.5	3.7
98°	3.4	1.9	3.5	3.7	3.8	3.6	3.4	3.1	3.2	3.5	3.7
99°	3.4	1.9	3.5	3.7	3.8	3.6	3.4	3.1	3.3	3.5	3.7
100°	3.4	2.0	3.5	3.7	3.8	3.6	3.5	3.2	3.3	3.5	3.7
101°	3.4	2.0	3.5	3.7	3.8	3.7	3.5	3.2	3.3	3.5	3.7
102°	3.4	2.0	3.4	3.7	3.8	3.7	3.5	3.3	3.4	3.5	3.7
103°	3.4	2.1	3.4	3.7	3.8	3.7	3.6	3.3	3.4	3.6	3.7
104°	3.3	2.1	3.4	3.7	3.8	3.7	3.7	3.4	3.5	3.6	3.6
105°	3.3	2.1	3.3	3.6	3.8	3.8	3.7	3.5	3.5	3.6	3.6
106°	3.3	2.2	3.3	3.6	3.8	3.8	3.8	3.6	3.6	3.6	3.6
107°	3.2	2.2	3.2	3.6	3.8	3.8	3.8	3.6	3.6	3.6	3.6
108°	3.2	2.2	3.2	3.5	3.8	3.9	3.9	3.7	3.7	3.7	3.6
109°	3.1	2.3	3.1	3.5	3.8	3.9	4.0	3.8	3.8	3.7	3.5
110°	3.1	2.3	3.1	3.5	3.8	4.0	4.1	3.9	3.9	3.8	3.5
111°	3.0	2.4	3.0	3.5	3.8	4.0	4.2	4.0	3.9	3.8	3.6
112°	3.0	2.4	3.0	3.5	3.9	4.1	4.2	4.1	4.0	3.8	3.6
113°	3.0	2.5	3.0	3.5	3.9	4.2	4.3	4.2	4.1	3.9	3.6
114°	2.9	2.5	3.0	3.5	4.0	4.3	4.4	4.3	4.2	4.0	3.7
115°	2.9	2.6	3.0	3.5	4.0	4.3	4.5	4.4	4.3	4.1	3.8
116°	2.9	2.7	3.0	3.6	4.1	4.4	4.6	4.6	4.4	4.1	3.8
117°	3.0	2.7	3.0	3.6	4.2	4.5	4.7	4.7	4.5	4.2	3.9
118°	3.0	2.8	3.0	3.7	4.3	4.6	4.8	4.8	4.6	4.3	4.0
119°	3.0	2.9	3.1	3.8	4.4	4.7	4.9	4.9	4.7	4.4	4.1
120°	3.0	2.9	3.1	3.9	4.5	4.8	5.0	5.0	4.8	4.5	4.2
121°	3.0	2.9	3.1	3.9	4.5	4.9	5.1	5.0	4.8	4.6	4.2
122°	3.0	3.0	3.1	3.9	4.5	4.9	5.1	5.0	4.9	4.6	4.2
123°	3.0	3.0	3.1	3.9	4.5	4.9	5.0	5.0	4.8	4.6	4.2
124°	3.0	3.0	3.0	3.8	4.5	4.8	5.0	5.0	4.8	4.6	4.2
125°	3.0	2.9	3.0	3.8	4.4	4.8	4.9	4.9	4.7	4.5	4.2
126°	2.9	2.9	2.9	3.7	4.3	4.7	4.8	4.8	4.6	4.4	4.1
127°	2.8	2.8	2.9	3.6	4.2	4.5	4.6	4.6	4.5	4.3	4.0
128°	2.8	2.8	2.8	3.5	4.1	4.4	4.5	4.5	4.3	4.2	3.9
129°	2.7	2.7	2.7	3.4	4.0	4.2	4.3	4.2	4.2	4.0	3.7
130°	2.6	2.5	2.5	3.2	3.8	4.0	4.1	4.0	3.9	3.8	3.5
131°	2.4	2.4	2.4	3.0	3.5	3.7	3.8	3.7	3.7	3.6	3.3
132°	2.3	2.3	2.3	2.8	3.3	3.5	3.5	3.5	3.4	3.3	3.1
133°	2.2	2.1	2.1	2.6	3.0	3.2	3.2	3.2	3.1	3.0	2.8
134°	2.0	1.9	2.0	2.4	2.7	2.8	2.9	2.8	2.8	2.7	2.6

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6.1	6.1	6.1
1°	5.3	5.2	5.1
2°	12.2	9.2	5.6
3°	19.2	15.8	12.9
4°	26.1	22.3	20.3
5°	31.0	28.9	27.6
6°	34.5	31.7	30.8
7°	36.4	35.3	33.3
8°	40.6	38.3	36.1
9°	43.2	41.1	39.0
10°	47.1	43.8	41.2
11°	55.9	49.9	45.1
12°	64.1	57.8	53.5
13°	71.3	62.8	60.0
14°	75.0	69.6	66.0
15°	80.2	75.0	70.6
16°	85.1	80.0	77.5
17°	91.3	85.6	81.8
18°	97.1	90.9	86.4
19°	108.1	97.0	92.2
20°	119.8	107.2	99.0
21°	125.7	114.3	106.5
22°	134.2	122.7	115.6
23°	140.6	128.3	123.2
24°	148.4	134.6	129.4
25°	157.5	142.1	135.5
26°	165.0	149.4	142.6
27°	170.3	155.5	150.7
28°	178.2	162.0	157.7
29°	185.8	170.4	165.3
30°	195.0	176.3	172.9
31°	201.5	184.9	179.4
32°	212.0	190.8	188.9
33°	225.0	204.2	199.3
34°	238.1	215.5	210.5
35°	251.3	231.3	227.6
36°	271.8	247.2	244.9
37°	293.7	263.1	262.1
38°	306.9	276.4	270.8
39°	314.1	292.9	292.7
40°	322.2	306.4	314.2
41°	348.5	325.0	339.3
42°	375.8	345.3	371.9
43°	387.8	371.3	392.3
44°	399.5	380.7	414.0

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	418.7	388.6	434.8
46°	430.6	395.0	454.3
47°	463.0	404.0	475.7
48°	479.3	416.0	485.9
49°	486.3	419.7	493.5
50°	495.0	423.9	500.9
51°	503.1	428.4	509.1
52°	509.8	432.6	516.8
53°	513.4	436.9	522.7
54°	514.5	440.3	528.3
55°	513.1	442.1	533.8
56°	511.3	443.1	537.2
57°	507.4	444.2	538.6
58°	502.6	445.0	540.6
59°	494.5	445.7	541.8
60°	484.0	444.8	538.1
61°	472.2	443.0	532.3
62°	456.5	439.3	525.9
63°	439.9	432.5	518.3
64°	421.7	423.3	509.7
65°	399.0	412.4	498.3
66°	376.2	398.1	486.3
67°	353.9	383.3	470.4
68°	329.4	366.2	447.7
69°	299.3	342.8	418.6
70°	270.5	315.5	388.6
71°	239.4	290.3	362.1
72°	215.9	261.2	339.7
73°	198.4	233.0	312.5
74°	178.4	211.5	275.1
75°	157.8	190.6	242.5
76°	140.5	167.0	214.5
77°	121.2	142.9	185.5
78°	105.4	116.5	156.9
79°	91.7	100.4	130.8
80°	78.0	84.4	111.0
81°	64.3	68.4	95.6
82°	51.4	56.2	80.2
83°	40.4	46.3	64.8
84°	32.9	37.5	48.4
85°	25.2	28.5	36.1
86°	18.3	21.1	25.8
87°	12.8	15.2	16.8
88°	9.9	11.5	11.7
89°	7.1	7.8	6.7

REPORT NUMBER: P1192941
 CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	4.3	4.2	1.7
91°	4.2	3.9	1.6
92°	4.1	3.8	1.6
93°	3.8	3.5	1.6
94°	3.7	3.5	1.6
95°	3.7	3.4	1.6
96°	3.7	3.4	1.7
97°	3.6	3.4	1.7
98°	3.6	3.3	1.7
99°	3.6	3.3	1.8
100°	3.6	3.3	1.8
101°	3.6	3.3	1.8
102°	3.5	3.2	1.9
103°	3.5	3.2	1.9
104°	3.5	3.2	1.9
105°	3.5	3.2	2.0
106°	3.4	3.1	2.0
107°	3.3	3.0	2.0
108°	3.3	2.9	2.1
109°	3.2	2.9	2.1
110°	3.2	2.9	2.2
111°	3.2	2.8	2.2
112°	3.2	2.8	2.3
113°	3.2	2.8	2.4
114°	3.2	2.8	2.4
115°	3.3	2.8	2.5
116°	3.3	2.8	2.6
117°	3.4	2.9	2.6
118°	3.4	2.9	2.7
119°	3.5	2.9	2.8
120°	3.6	2.9	2.8
121°	3.6	2.9	2.9
122°	3.6	3.0	2.9
123°	3.6	2.9	2.9
124°	3.6	2.9	2.9
125°	3.5	2.9	2.9
126°	3.4	2.8	2.8
127°	3.4	2.8	2.8
128°	3.3	2.7	2.7
129°	3.1	2.6	2.6
130°	3.0	2.5	2.5
131°	2.8	2.3	2.4
132°	2.6	2.2	2.2
133°	2.4	2.0	2.1
134°	2.2	1.8	1.9

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	2.0	1.7	1.7
136°	1.8	1.5	1.5
137°	1.6	1.4	1.4
138°	1.4	1.2	1.2
139°	1.2	1.1	1.0
140°	1.0	0.9	0.9
141°	0.8	0.8	0.8
142°	0.7	0.7	0.8
143°	0.7	0.7	0.7
144°	0.6	0.6	0.7
145°	0.6	0.6	0.6
146°	0.6	0.6	0.6
147°	0.5	0.5	0.6
148°	0.5	0.5	0.5
149°	0.5	0.5	0.5
150°	0.4	0.5	0.5
151°	0.4	0.4	0.4
152°	0.4	0.4	0.4
153°	0.4	0.4	0.4
154°	0.4	0.4	0.4
155°	0.3	0.3	0.4
156°	0.3	0.3	0.3
157°	0.3	0.3	0.3
158°	0.3	0.3	0.3
159°	0.3	0.3	0.3
160°	0.3	0.3	0.3
161°	0.3	0.3	0.3
162°	0.3	0.3	0.3
163°	0.3	0.3	0.3
164°	0.3	0.3	0.3
165°	0.3	0.3	0.3
166°	0.3	0.3	0.3
167°	0.3	0.3	0.3
168°	0.3	0.3	0.3
169°	0.3	0.3	0.3
170°	0.3	0.3	0.3
171°	0.3	0.3	0.3
172°	0.3	0.3	0.3
173°	0.3	0.3	0.3
174°	0.3	0.3	0.3
175°	0.3	0.3	0.3
176°	0.3	0.3	0.3
177°	0.3	0.3	0.3
178°	0.3	0.3	0.3
179°	0.3	0.3	0.3

REPORT NUMBER: P1192941
CATALOG NUMBER: BOLY42-25S-BZ-15W-4000K

CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.3	0.3	0.3

(END OF REPORT)