

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: P1192942

Luminaire Tested: BOLY42-25S-BZ-15W-5000K

Issue Date: 10/8/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192942
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-5000K
Description: Y-Shaped bollard, 42" length, 15W, BZ at 5000K

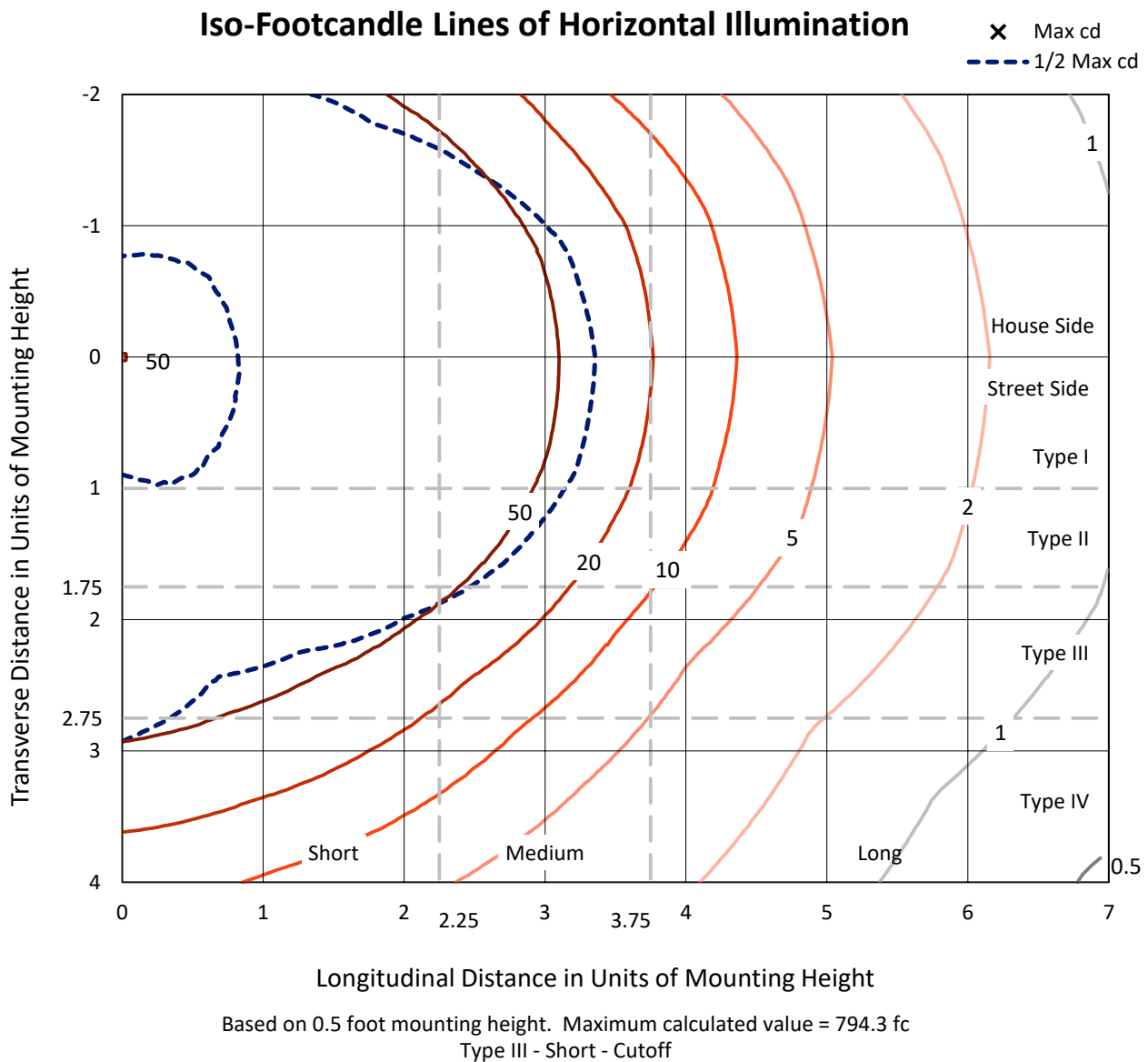
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 1889.2 (1 lamp)
Luminaire Lumens: 2018.1 lumens
Efficiency: 106.8%
Efficacy: 136.4 lumens/watt
Luminous Opening: Circular (Dia: 0.25' x H: 0')
IES Classification: Type III - Short - Cutoff
BUG Rating: B1 - U2 - G1

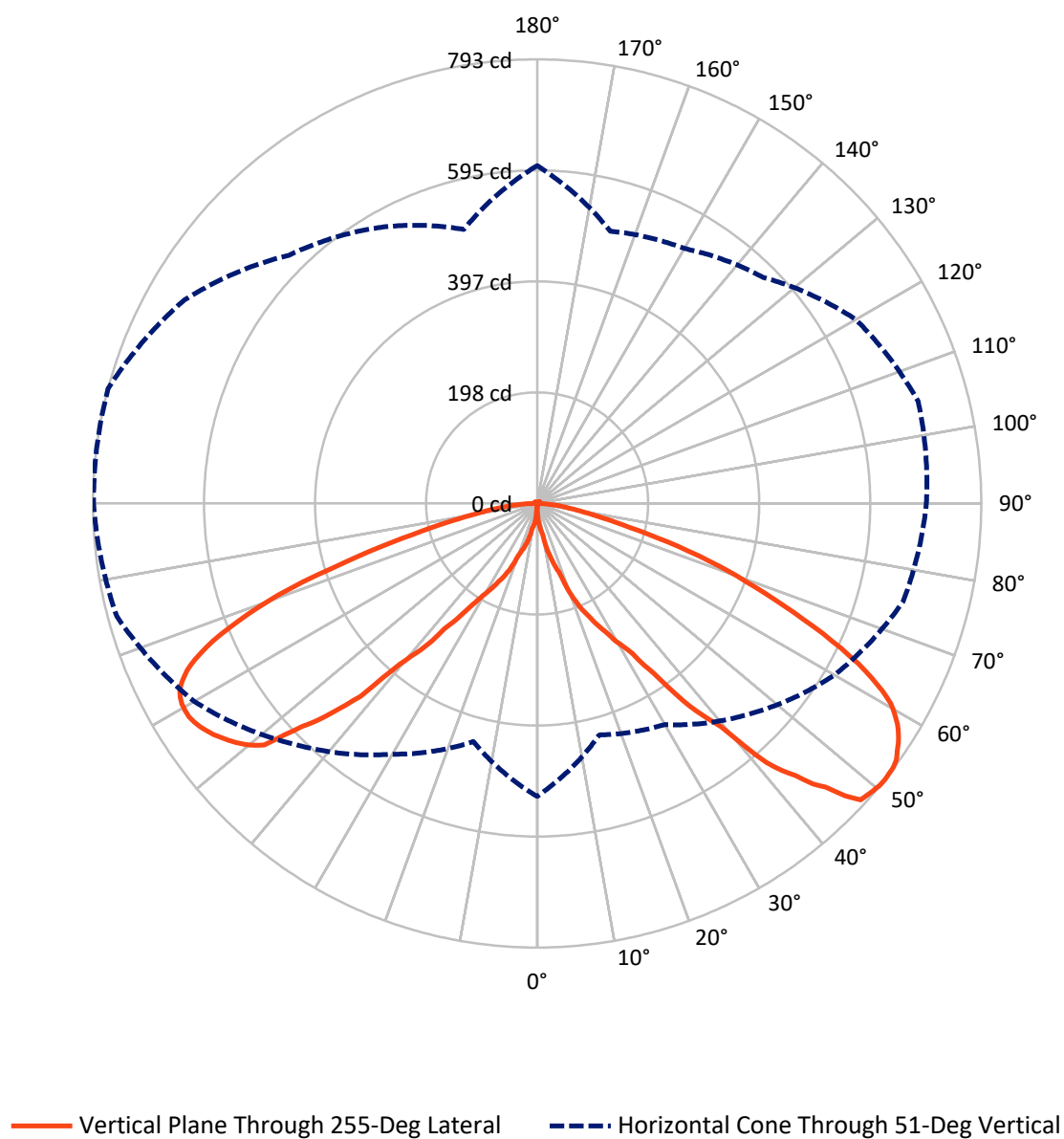
Input Watts (W): 14.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: >0.9
Total Harmonic Distortion (THDi): <20
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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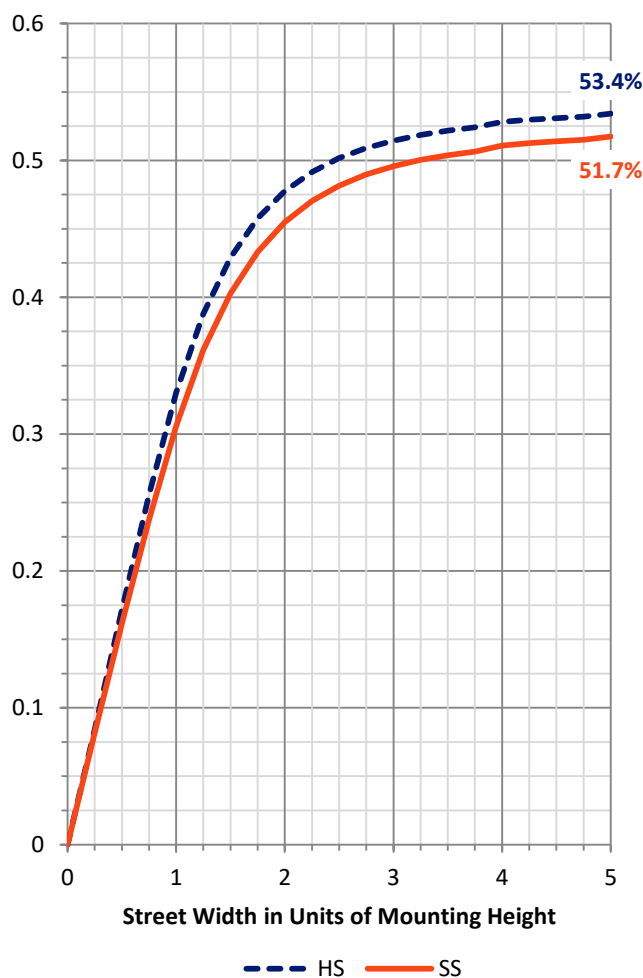
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1015.5	9.0	1024.4
	% Lamp	53.8	0.5	54.2
Street Side	Lumens	985.0	8.7	993.6
	% Lamp	52.1	0.5	52.6
Total	Lumens	2000.5	17.6	2018.1
	% Lamp	105.9	0.9	106.8

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	3.2	0.2	0.2
10°-20°	25.1	1.2	1.3
20°-30°	81.6	4.0	4.3
30°-40°	187.3	9.3	9.9
40°-50°	400.5	19.8	21.2
50°-60°	548.2	27.2	29.0
60°-70°	493.6	24.5	26.1
70°-80°	219.1	10.9	11.6
80°-90°	42.0	2.1	2.2
90°-100°	3.9	0.2	0.2
100°-110°	3.7	0.2	0.2
110°-120°	3.7	0.2	0.2
120°-130°	3.6	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°	2000.5	99.1	105.9
0°-180°	2018.1	100.0	106.8

Coefficient of Utilization



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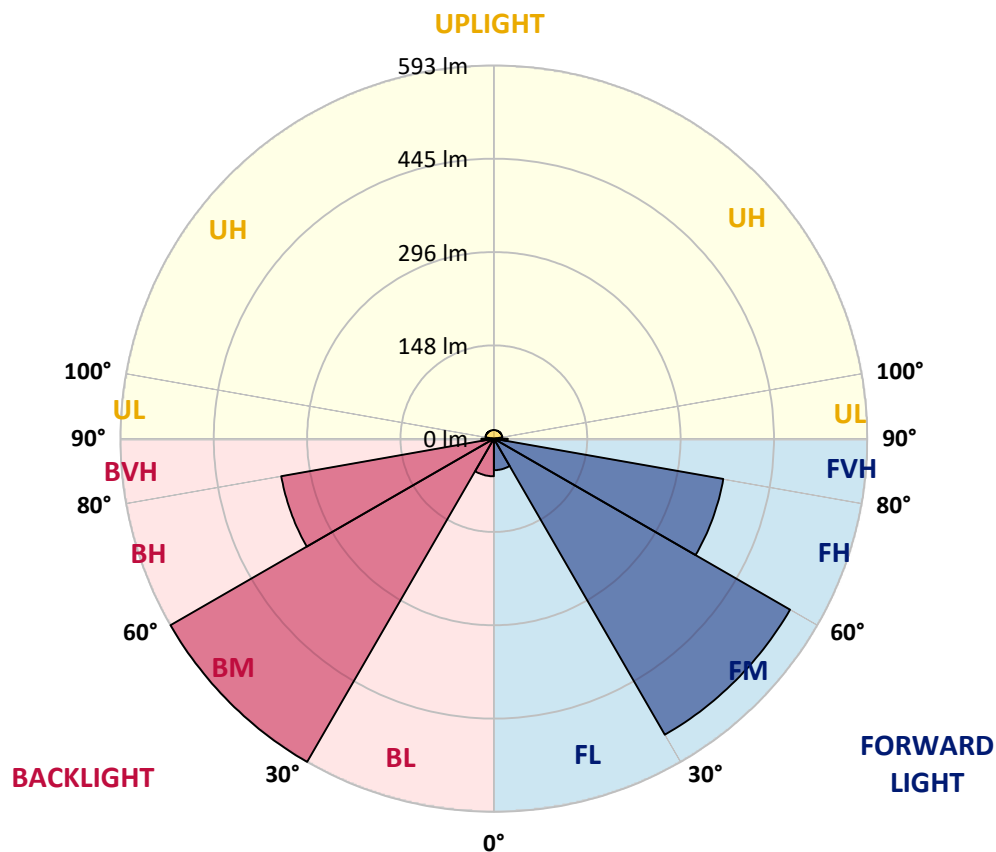
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	50.1	2.7			
FM	(30°-60°)	543.0	28.7			
FH	(60°-80°)	369.8	19.6			G0/660
FVH	(80°-90°)	22.0	1.2			G1/100
BL	(0°-30°)	59.7	3.2	B0/110		
BM	(30°-60°)	592.9	31.4	B1/1000		
BH	(60°-80°)	342.9	18.1	B1/500		G1/500
BVH	(80°-90°)	20.0	1.1			G1/100
UL	(90°-100°)	3.9	0.2		U1/10	
UH	(100°-180°)	13.7	0.7		U2/50	
Trapped Light		-128.9	-6.8			

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°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
1°	5.2	5.1	4.8	4.3	3.9	3.9	3.7	3.7	4.1	4.4	4.7
2°	5.8	5.5	5.3	5.1	4.7	4.5	4.2	4.4	8.0	8.1	5.7
3°	13.3	11.2	6.3	5.8	5.7	5.8	6.3	8.3	11.8	11.9	6.8
4°	20.8	17.5	13.9	15.0	12.7	12.5	8.8	12.4	15.7	15.6	18.1
5°	28.4	23.8	21.6	20.4	19.7	19.2	21.8	23.1	22.5	20.9	24.6
6°	31.7	30.1	29.3	25.7	26.8	25.9	29.1	29.4	27.6	27.7	28.5
7°	34.2	32.7	32.1	31.0	29.6	32.7	33.7	33.3	32.0	30.2	32.6
8°	37.1	36.0	35.4	33.7	32.2	35.5	37.6	37.0	36.0	34.1	36.1
9°	40.1	37.9	37.0	36.1	34.1	37.5	41.2	39.2	38.6	36.5	38.9
10°	42.3	40.2	39.7	38.1	37.5	40.5	44.9	42.7	40.9	38.1	42.6
11°	46.4	43.4	42.1	40.2	40.2	43.5	47.5	45.2	44.1	41.9	46.8
12°	55.0	49.4	47.9	45.1	44.8	47.5	50.2	49.3	49.3	45.7	55.5
13°	61.7	55.5	55.1	56.4	55.5	57.1	58.1	59.0	60.6	58.9	65.6
14°	67.8	60.6	59.6	61.7	63.1	64.3	65.2	68.0	67.9	64.4	72.3
15°	72.5	67.5	64.1	65.5	68.4	71.5	72.7	74.8	76.0	71.8	79.5
16°	79.6	72.0	68.4	70.4	72.6	76.1	80.0	82.7	81.8	77.1	86.7
17°	84.0	77.5	71.7	74.3	78.2	83.0	83.6	88.3	87.3	84.4	92.6
18°	88.7	82.1	77.3	79.2	82.7	86.6	90.4	93.9	93.5	91.6	98.5
19°	94.8	86.7	81.6	82.9	87.4	91.8	97.4	99.6	99.6	98.8	104.6
20°	101.7	91.5	85.9	89.0	94.4	96.2	104.5	105.3	106.1	106.0	115.3
21°	109.4	98.5	96.6	98.4	104.6	105.4	111.6	119.0	120.5	124.3	131.1
22°	118.7	105.5	102.6	106.3	113.9	117.2	122.1	130.7	133.8	134.8	142.8
23°	126.6	112.5	109.4	113.4	120.5	127.3	131.4	138.0	144.9	144.5	153.5
24°	133.0	119.5	116.5	120.8	127.3	134.6	139.5	150.6	153.7	154.6	162.8
25°	139.2	124.3	123.3	127.7	134.6	143.5	148.3	159.2	163.1	164.4	170.0
26°	146.5	129.7	128.3	134.5	142.0	150.5	157.1	166.8	172.1	173.4	179.0
27°	154.9	137.1	134.4	142.0	150.3	157.7	165.4	175.4	180.1	181.7	187.6
28°	162.0	146.4	145.0	151.3	156.6	166.8	173.9	183.1	189.6	191.4	196.2
29°	169.9	151.6	152.7	160.0	163.7	174.4	182.2	190.8	200.5	201.3	203.6
30°	177.6	158.6	158.4	167.1	172.8	182.2	191.5	200.1	209.0	212.4	212.6
31°	184.3	164.9	164.3	174.6	181.2	190.9	200.8	208.8	218.9	222.3	219.5
32°	194.1	174.3	171.0	182.5	188.1	201.9	212.8	221.3	227.0	231.5	232.0
33°	204.8	183.7	181.0	193.7	195.2	213.3	229.7	233.2	235.4	246.1	244.0
34°	216.2	191.8	187.9	203.9	206.5	229.6	243.4	247.4	245.1	256.7	257.9
35°	233.8	201.7	201.6	216.7	215.6	246.0	255.8	264.2	256.6	269.4	266.1
36°	251.6	221.7	208.7	223.0	239.6	262.5	277.3	282.1	271.0	278.3	283.4
37°	269.3	233.0	225.9	242.8	263.7	277.9	304.8	311.6	294.6	302.3	311.2
38°	278.2	244.1	243.4	263.1	287.9	310.3	339.0	346.2	335.8	330.1	335.8
39°	300.8	257.0	260.9	271.9	306.1	334.8	360.5	368.6	354.1	338.9	345.8
40°	322.8	273.0	279.7	281.3	317.9	352.9	399.0	397.3	373.0	348.3	370.0
41°	348.6	289.9	291.4	301.3	344.1	378.3	412.8	418.3	405.2	368.6	378.0
42°	382.1	306.7	306.8	327.6	374.9	413.5	450.5	448.7	439.6	395.5	398.0
43°	403.0	332.4	340.0	364.6	412.7	467.0	500.0	501.6	481.2	431.8	431.5
44°	425.3	352.4	350.3	388.1	440.2	495.4	525.3	527.2	505.3	454.7	441.8

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	446.7	370.3	358.8	400.6	465.0	526.2	556.5	562.2	527.9	467.3	449.8
46°	466.8	380.5	366.9	420.5	494.1	555.6	580.8	588.5	556.1	490.6	457.1
47°	488.8	389.1	383.9	441.8	518.6	578.2	604.7	610.2	573.2	510.8	473.6
48°	499.2	402.5	409.7	466.9	549.8	611.4	634.0	642.7	606.4	543.5	503.4
49°	507.0	416.1	434.8	502.8	585.9	650.6	669.4	681.2	637.3	565.6	521.2
50°	514.6	422.8	445.6	518.0	599.5	664.8	685.5	695.6	647.6	568.8	524.5
51°	523.1	427.9	455.8	532.6	612.8	676.4	695.0	704.3	656.9	570.8	525.7
52°	530.9	434.4	465.4	543.6	624.7	686.0	703.7	713.4	663.5	572.5	526.8
53°	537.0	440.7	472.4	548.9	635.8	694.5	711.4	721.9	667.1	576.3	527.4
54°	542.7	446.0	479.9	553.8	645.9	702.5	719.2	727.6	670.6	583.0	528.3
55°	548.4	450.1	487.1	559.3	653.9	710.4	724.7	732.8	674.1	588.0	529.5
56°	551.9	453.8	494.7	565.2	660.9	716.3	729.0	736.8	676.3	591.1	530.6
57°	553.3	454.8	499.9	570.7	669.1	722.0	732.7	739.2	676.5	591.5	529.3
58°	555.4	453.8	503.6	576.1	677.0	726.2	734.9	738.8	673.5	587.1	526.2
59°	556.6	451.3	505.5	581.8	682.5	729.0	734.3	737.5	670.6	579.5	518.2
60°	552.9	448.1	503.8	585.3	684.6	729.2	733.0	734.5	665.2	570.6	500.8
61°	546.9	443.5	501.6	586.8	687.4	728.6	729.6	728.5	655.9	559.0	481.5
62°	540.3	439.5	498.4	585.1	687.1	725.2	724.7	718.4	644.2	542.8	477.2
63°	532.5	434.7	491.8	580.1	682.0	719.2	713.7	705.2	630.9	524.6	461.3
64°	523.6	429.4	481.9	568.0	674.8	707.7	700.3	690.3	614.7	504.0	440.9
65°	511.9	420.8	466.9	550.8	663.0	692.1	680.6	670.7	592.2	480.5	416.7
66°	499.6	409.1	447.0	528.6	644.0	671.4	658.3	647.5	560.9	452.0	393.4
67°	483.3	393.0	420.5	504.8	619.3	644.8	629.7	619.0	525.6	417.9	369.4
68°	460.0	375.1	393.0	474.8	583.4	612.1	598.3	585.0	484.4	380.4	346.2
69°	430.1	358.7	363.6	434.8	536.5	573.5	565.0	546.0	441.9	343.5	323.8
70°	399.2	342.2	332.4	389.8	483.9	533.6	526.2	502.2	399.0	311.3	301.9
71°	372.0	322.6	307.1	345.8	432.0	491.0	483.5	457.3	359.7	284.0	278.2
72°	349.0	301.4	282.4	307.8	382.2	441.2	436.5	411.3	322.1	255.7	250.6
73°	321.1	274.5	258.8	270.9	335.1	383.8	387.9	364.4	286.6	227.4	223.0
74°	282.6	243.2	233.9	232.2	289.7	334.5	341.6	323.8	245.9	199.2	195.5
75°	249.2	212.1	208.3	199.1	241.3	290.5	300.5	281.8	205.3	176.7	173.3
76°	220.4	186.1	178.8	172.1	196.0	248.6	263.8	245.4	172.8	154.1	147.8
77°	190.5	162.8	153.6	146.4	159.1	211.3	227.0	208.9	145.9	135.0	126.5
78°	161.2	142.3	131.1	127.6	129.4	179.9	190.4	172.6	121.8	119.4	106.4
79°	134.4	122.5	111.1	112.9	106.3	153.6	163.0	143.8	102.8	102.3	92.1
80°	114.1	101.6	96.9	99.7	94.0	130.7	137.8	122.1	89.1	86.6	79.6
81°	98.2	86.6	82.7	86.6	81.9	110.8	116.3	104.5	78.7	75.1	69.7
82°	82.4	71.7	68.6	73.4	69.9	95.8	99.0	89.3	69.6	65.8	59.6
83°	66.6	59.1	58.6	63.6	59.8	81.0	84.4	75.1	60.5	56.5	49.2
84°	49.7	49.6	48.7	53.6	51.1	66.1	70.6	63.4	50.6	47.9	40.0
85°	37.1	41.2	40.8	44.6	43.0	55.3	57.9	53.0	42.8	40.1	32.9
86°	26.5	33.0	33.1	36.6	34.1	45.2	46.6	43.7	35.1	33.1	26.9
87°	17.3	24.2	25.3	29.4	27.1	35.9	37.2	35.0	27.8	26.2	20.9
88°	12.1	13.4	19.0	20.7	19.3	27.2	27.8	26.0	20.5	19.3	14.9
89°	6.9	10.1	11.7	13.4	12.2	17.3	18.4	17.0	13.2	12.4	8.8

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1.8	7.1	8.0	10.3	8.2	8.5	9.1	8.1	6.9	6.4	5.2
91°	1.6	4.1	4.4	7.2	4.3	5.8	3.7	4.1	4.6	4.6	4.4
92°	1.6	4.0	4.1	4.1	3.7	3.2	3.0	3.5	3.9	4.2	4.2
93°	1.6	3.8	4.1	3.9	3.6	3.2	3.0	3.4	3.8	4.1	4.1
94°	1.7	3.6	3.9	3.9	3.6	3.2	3.1	3.4	3.8	4.0	3.9
95°	1.7	3.5	3.7	3.8	3.5	3.2	3.1	3.4	3.8	4.0	3.8
96°	1.7	3.5	3.6	3.6	3.5	3.2	3.2	3.4	3.7	3.8	3.7
97°	1.7	3.5	3.6	3.5	3.4	3.2	3.2	3.5	3.6	3.8	3.7
98°	1.8	3.5	3.6	3.5	3.3	3.2	3.3	3.5	3.6	3.8	3.7
99°	1.8	3.4	3.6	3.5	3.3	3.2	3.3	3.4	3.6	3.8	3.7
100°	1.8	3.4	3.6	3.5	3.3	3.2	3.3	3.4	3.6	3.8	3.7
101°	1.9	3.4	3.6	3.5	3.4	3.2	3.3	3.5	3.7	3.8	3.7
102°	1.9	3.4	3.5	3.5	3.4	3.2	3.4	3.5	3.7	3.8	3.7
103°	1.9	3.4	3.5	3.5	3.4	3.2	3.4	3.5	3.7	3.8	3.7
104°	2.0	3.3	3.5	3.5	3.4	3.3	3.5	3.6	3.7	3.8	3.7
105°	2.0	3.3	3.5	3.5	3.5	3.3	3.5	3.6	3.7	3.8	3.7
106°	2.1	3.3	3.5	3.5	3.5	3.4	3.6	3.7	3.8	3.8	3.6
107°	2.1	3.1	3.5	3.5	3.5	3.4	3.7	3.7	3.8	3.8	3.6
108°	2.1	3.1	3.4	3.6	3.6	3.5	3.7	3.8	3.8	3.7	3.5
109°	2.2	3.0	3.3	3.6	3.6	3.6	3.8	3.8	3.8	3.7	3.5
110°	2.3	3.0	3.3	3.6	3.6	3.6	3.9	3.9	3.9	3.7	3.5
111°	2.3	2.9	3.3	3.6	3.7	3.7	3.9	3.9	3.9	3.7	3.4
112°	2.4	2.9	3.3	3.5	3.7	3.8	4.0	4.0	3.9	3.8	3.4
113°	2.4	2.9	3.3	3.6	3.8	3.9	4.1	4.1	4.0	3.8	3.4
114°	2.5	2.9	3.3	3.6	3.8	3.9	4.2	4.1	4.0	3.8	3.4
115°	2.6	2.9	3.3	3.7	3.9	4.0	4.3	4.2	4.1	3.9	3.5
116°	2.6	2.9	3.4	3.7	3.9	4.1	4.4	4.3	4.2	3.9	3.5
117°	2.7	3.0	3.4	3.8	4.0	4.2	4.4	4.4	4.2	4.0	3.5
118°	2.8	3.0	3.5	3.9	4.1	4.3	4.5	4.5	4.3	4.0	3.6
119°	2.8	3.0	3.5	3.9	4.2	4.3	4.6	4.5	4.4	4.1	3.6
120°	2.9	3.1	3.6	4.0	4.3	4.4	4.7	4.6	4.5	4.2	3.7
121°	2.9	3.1	3.7	4.1	4.3	4.5	4.8	4.7	4.6	4.3	3.8
122°	3.0	3.1	3.7	4.2	4.4	4.6	4.8	4.8	4.6	4.3	3.8
123°	3.0	3.1	3.7	4.2	4.5	4.7	4.9	4.9	4.7	4.4	3.8
124°	3.0	3.1	3.7	4.2	4.5	4.7	4.9	4.9	4.7	4.4	3.8
125°	3.0	3.1	3.7	4.2	4.5	4.7	4.9	4.9	4.7	4.4	3.8
126°	2.9	3.0	3.7	4.2	4.5	4.7	4.9	4.9	4.7	4.3	3.7
127°	2.9	3.0	3.6	4.1	4.4	4.7	4.8	4.8	4.6	4.3	3.6
128°	2.8	2.9	3.5	4.0	4.3	4.6	4.7	4.7	4.5	4.2	3.6
129°	2.7	2.8	3.4	3.9	4.2	4.4	4.6	4.6	4.4	4.1	3.5
130°	2.6	2.7	3.3	3.8	4.1	4.3	4.4	4.4	4.3	3.9	3.3
131°	2.4	2.6	3.2	3.7	3.9	4.1	4.3	4.2	4.1	3.8	3.2
132°	2.3	2.4	3.0	3.5	3.8	3.9	4.1	4.0	3.9	3.6	3.0
133°	2.1	2.3	2.8	3.3	3.5	3.7	3.8	3.8	3.7	3.4	2.9
134°	2.0	2.2	2.6	3.0	3.3	3.4	3.6	3.6	3.4	3.1	2.7

REPORT NUMBER: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	1.8	2.0	2.4	2.8	3.1	3.2	3.3	3.3	3.2	2.9	2.4
136°	1.6	1.8	2.2	2.6	2.8	2.9	3.0	3.0	2.9	2.6	2.2
137°	1.4	1.6	2.0	2.3	2.5	2.6	2.7	2.7	2.6	2.3	2.0
138°	1.2	1.5	1.8	2.0	2.2	2.3	2.4	2.4	2.3	2.1	1.8
139°	1.1	1.3	1.5	1.8	1.9	2.0	2.1	2.1	2.0	1.8	1.5
140°	0.9	1.1	1.3	1.5	1.6	1.7	1.8	1.8	1.7	1.5	1.3
141°	0.8	1.0	1.1	1.3	1.4	1.4	1.6	1.5	1.4	1.3	1.1
142°	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.2	1.1	1.0
143°	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.0	0.9	0.9
144°	0.7	0.7	0.8	0.8	0.8	0.9	1.0	1.0	0.9	0.9	0.8
145°	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8
146°	0.6	0.6	0.7	0.7	0.7	0.8	0.9	0.9	0.8	0.8	0.7
147°	0.6	0.6	0.6	0.7	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	0.7	0.8	0.8	0.7	0.7	0.7
149°	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6
150°	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.6	0.6
151°	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
152°	0.4	0.5	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	0.5	0.5	0.5	0.6	0.6	0.6	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	0.5
156°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4
157°	0.3	0.4	0.4	0.4	0.4	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	0.4	0.3	0.3	0.3	0.4
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: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

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: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
1°	7.9	5.4	8.2	12.0	13.3	13.9	13.9	5.9	5.8	5.8	5.6
2°	10.8	5.9	11.4	15.7	17.9	18.9	19.0	15.7	15.3	14.6	13.6
3°	13.7	17.5	20.2	23.1	26.1	27.0	28.2	25.6	24.9	23.7	21.7
4°	22.3	24.3	26.0	27.2	30.3	32.5	34.5	35.4	34.5	32.8	29.9
5°	28.2	30.4	31.1	31.3	32.7	36.4	38.4	39.9	39.7	36.2	32.4
6°	32.6	34.2	33.4	35.0	36.2	39.0	42.4	44.0	42.0	38.9	36.7
7°	36.4	38.6	37.5	36.9	38.7	42.7	45.1	47.6	44.9	41.4	39.9
8°	39.7	41.2	41.1	40.7	42.9	45.8	49.6	50.8	47.8	43.6	42.4
9°	43.3	44.4	44.3	44.4	46.8	49.5	53.0	54.4	51.1	46.7	47.1
10°	46.5	48.2	48.4	47.4	51.5	55.4	58.7	62.2	57.9	51.7	49.7
11°	51.6	53.6	59.1	61.1	68.0	72.3	76.0	74.9	72.3	66.9	61.8
12°	59.8	62.3	68.9	70.7	78.0	82.8	86.0	84.8	81.9	76.7	71.1
13°	66.9	71.9	75.7	80.2	87.1	91.4	94.4	93.5	90.1	83.1	78.2
14°	76.7	81.5	82.9	88.3	94.8	99.9	102.8	100.7	96.7	91.1	84.6
15°	86.7	89.2	90.0	96.4	102.4	108.5	111.9	110.1	105.5	96.9	90.0
16°	94.6	96.8	97.1	104.6	110.1	117.1	119.9	117.3	112.3	104.1	96.5
17°	102.5	104.5	104.2	113.9	119.0	125.1	127.8	125.6	119.0	110.5	101.9
18°	110.6	111.8	113.9	122.3	128.4	135.3	138.9	138.8	128.8	117.8	108.0
19°	117.4	120.0	126.5	140.4	152.2	158.5	160.4	157.9	145.9	137.2	124.9
20°	131.7	131.8	141.7	152.4	164.0	176.1	174.6	171.4	160.7	149.1	135.1
21°	143.0	141.4	151.7	161.9	175.0	187.8	187.4	182.6	173.4	161.2	143.9
22°	151.8	156.9	162.4	174.7	185.8	198.8	200.8	193.4	184.3	171.1	151.5
23°	163.3	164.7	170.0	185.7	201.6	209.4	210.4	204.8	194.7	180.6	162.4
24°	171.8	175.6	178.1	197.0	212.0	221.4	220.3	215.5	204.4	189.2	172.9
25°	179.2	183.4	188.4	206.0	221.6	232.4	232.2	226.5	213.9	197.8	181.8
26°	187.8	194.2	195.2	214.7	232.9	243.0	243.2	237.6	223.0	207.2	189.4
27°	201.7	206.7	203.1	222.7	243.9	254.5	253.8	248.7	235.4	215.8	197.2
28°	212.0	215.4	214.3	234.8	253.0	265.0	264.3	260.6	247.8	224.5	206.2
29°	221.1	223.4	222.9	245.5	265.1	274.1	279.3	273.2	258.6	235.3	217.9
30°	229.8	234.6	231.3	252.6	278.2	283.1	291.6	286.5	268.7	246.1	227.9
31°	242.0	248.8	240.0	259.6	289.2	293.1	302.7	303.8	285.1	255.1	237.9
32°	257.2	259.7	251.8	274.7	298.4	304.9	318.4	318.8	304.2	264.0	247.9
33°	265.2	268.9	265.9	289.5	312.1	316.5	346.8	337.6	315.6	282.3	255.6
34°	275.4	293.9	283.2	308.2	319.6	338.4	368.0	374.7	344.4	298.9	272.4
35°	301.4	315.6	300.7	319.2	339.6	364.6	402.2	418.8	373.9	331.2	290.3
36°	319.0	337.1	319.1	351.9	369.7	418.4	438.5	446.9	408.2	365.4	317.9
37°	328.7	355.3	345.4	373.8	380.7	434.0	467.0	476.6	436.2	389.6	329.0
38°	352.1	385.3	360.3	380.8	393.4	450.2	491.8	507.4	452.2	408.3	340.4
39°	373.0	395.9	378.0	387.7	417.5	480.8	517.1	535.0	487.6	436.6	365.1
40°	398.5	433.2	401.5	397.1	439.7	516.3	568.6	583.2	523.8	465.3	387.1
41°	406.1	460.7	416.8	434.8	480.0	555.0	617.7	626.1	580.6	510.2	429.7
42°	431.5	488.4	444.7	459.9	506.4	584.0	647.1	655.1	606.5	532.7	452.9
43°	442.9	506.6	465.7	470.6	516.5	610.3	670.0	675.2	636.9	561.6	470.2
44°	471.1	530.7	470.6	480.7	534.2	635.9	702.4	705.2	663.1	584.5	484.5

REPORT NUMBER: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	480.3	554.7	474.7	498.5	562.1	658.5	722.6	724.8	690.8	617.5	509.9
46°	484.9	575.0	477.8	514.0	588.5	686.7	758.1	758.2	724.6	644.1	539.8
47°	486.9	591.3	488.0	548.0	622.8	715.2	783.5	779.4	753.7	677.1	580.2
48°	489.0	596.3	499.0	558.2	628.4	720.4	786.6	783.5	763.0	685.9	593.2
49°	493.6	599.6	502.0	563.7	628.4	722.7	789.3	787.6	768.9	694.8	599.6
50°	498.2	601.9	505.0	567.4	627.6	725.9	792.0	790.0	774.3	701.7	605.2
51°	503.4	603.2	506.5	568.6	626.8	727.0	793.0	792.1	777.2	707.1	609.3
52°	508.0	603.8	507.1	567.7	626.3	725.7	792.3	792.3	778.8	712.6	612.3
53°	511.2	603.0	507.3	564.2	624.1	721.5	791.6	790.9	778.7	714.8	613.9
54°	514.2	601.4	506.3	559.1	621.3	719.4	787.9	788.4	777.9	715.6	615.0
55°	516.4	597.4	503.4	551.9	615.9	712.4	780.3	784.4	775.5	715.4	616.3
56°	515.7	588.8	497.0	541.3	609.5	704.2	773.8	778.2	771.9	714.2	617.5
57°	508.4	584.1	488.5	526.7	600.4	695.7	765.1	769.5	766.1	711.5	616.1
58°	509.1	581.5	480.8	512.7	586.9	686.0	754.9	758.9	757.1	707.2	609.7
59°	507.4	572.7	472.5	497.8	567.7	670.9	740.7	746.2	744.4	695.6	596.9
60°	499.2	562.2	462.4	482.9	545.5	650.8	725.6	729.4	725.8	680.0	580.6
61°	488.8	545.3	449.5	461.8	518.1	625.1	701.4	707.2	702.6	658.9	559.3
62°	476.3	533.8	441.1	438.9	491.2	596.5	672.8	679.7	675.5	632.8	535.5
63°	461.3	517.8	427.0	414.7	463.8	564.2	640.0	648.7	644.0	602.3	509.2
64°	444.9	499.2	410.8	391.8	431.7	526.3	601.8	614.1	612.0	570.0	477.7
65°	427.6	481.7	393.4	367.1	400.4	486.7	561.0	575.2	573.8	535.8	444.8
66°	409.9	461.6	374.4	343.1	369.7	447.2	518.4	534.7	534.5	499.5	413.3
67°	391.1	439.9	356.3	320.2	339.0	410.4	476.6	491.8	497.1	461.4	382.4
68°	372.0	418.1	337.6	298.3	311.4	373.5	437.1	448.2	462.8	426.9	348.8
69°	348.7	390.3	318.2	277.3	283.1	334.8	399.0	408.4	427.7	392.4	314.6
70°	320.2	359.6	296.1	256.1	256.3	295.3	363.2	371.6	388.8	355.3	282.9
71°	291.2	330.0	269.2	235.0	229.6	256.9	324.4	335.5	347.6	318.3	251.6
72°	267.3	302.9	242.0	213.7	203.0	218.6	284.1	299.3	306.5	278.2	219.3
73°	242.9	278.9	214.9	189.9	181.9	180.4	244.8	261.8	265.5	242.4	190.6
74°	218.6	247.2	192.6	168.4	163.8	153.5	205.5	224.9	232.6	210.4	162.3
75°	194.2	215.5	167.3	147.5	143.4	128.6	171.0	194.7	202.8	178.3	135.3
76°	167.5	183.9	144.0	129.6	127.5	107.3	142.3	168.2	172.6	146.3	114.2
77°	143.2	157.5	121.1	113.6	113.8	91.2	121.0	145.1	144.9	118.3	98.9
78°	121.7	132.4	100.8	96.0	97.0	77.5	101.1	122.7	120.3	99.6	83.8
79°	101.7	111.4	82.9	80.1	82.9	66.9	84.2	103.7	101.6	81.0	68.7
80°	88.0	93.5	68.2	67.4	71.4	57.9	71.1	90.2	86.1	62.3	59.0
81°	76.3	78.6	55.6	56.9	60.0	49.6	61.2	76.8	70.8	51.6	50.1
82°	63.2	64.6	44.4	46.8	50.4	41.3	51.7	63.4	58.9	42.1	42.4
83°	51.5	52.3	36.2	38.4	41.8	34.6	43.5	52.8	48.5	33.0	35.8
84°	41.1	42.8	30.2	30.4	33.8	28.1	35.9	43.1	38.7	26.2	29.3
85°	32.1	33.2	24.2	24.3	26.3	21.7	27.8	32.8	29.2	21.0	24.0
86°	24.6	23.6	18.2	18.2	18.7	15.2	19.6	22.5	21.1	14.6	16.1
87°	17.1	14.1	12.2	12.1	11.1	8.8	11.5	11.9	12.3	11.1	9.6
88°	9.6	6.3	5.8	6.2	5.5	4.8	4.1	7.3	7.8	7.6	7.2
89°	5.9	2.6	4.5	4.7	4.6	4.0	3.3	2.9	3.5	4.2	4.7

REPORT NUMBER: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	4.2	1.9	4.0	4.3	4.3	3.8	3.3	2.9	3.3	3.9	4.4
91°	4.0	1.9	3.9	4.2	4.2	3.8	3.3	2.9	3.3	3.8	4.3
92°	3.9	1.9	3.8	4.1	4.1	3.7	3.3	3.0	3.3	3.8	4.2
93°	3.7	1.9	3.6	4.0	4.1	3.8	3.4	3.0	3.3	3.8	4.1
94°	3.6	1.9	3.5	3.8	3.9	3.7	3.4	3.1	3.4	3.7	3.9
95°	3.6	1.9	3.5	3.8	3.9	3.7	3.4	3.1	3.3	3.6	3.8
96°	3.5	1.9	3.5	3.8	3.9	3.6	3.5	3.1	3.3	3.6	3.8
97°	3.5	1.9	3.6	3.8	3.9	3.7	3.5	3.2	3.3	3.6	3.8
98°	3.5	2.0	3.6	3.8	3.9	3.7	3.5	3.2	3.3	3.6	3.8
99°	3.5	2.0	3.6	3.8	3.9	3.7	3.5	3.2	3.4	3.6	3.8
100°	3.5	2.0	3.6	3.8	3.9	3.7	3.6	3.2	3.4	3.6	3.8
101°	3.5	2.1	3.6	3.8	3.9	3.8	3.6	3.3	3.4	3.6	3.8
102°	3.5	2.1	3.5	3.8	3.9	3.8	3.6	3.3	3.5	3.6	3.8
103°	3.5	2.1	3.5	3.8	3.9	3.8	3.7	3.4	3.5	3.7	3.8
104°	3.4	2.2	3.5	3.8	3.9	3.8	3.8	3.5	3.5	3.7	3.7
105°	3.4	2.2	3.4	3.7	3.9	3.9	3.8	3.6	3.6	3.7	3.7
106°	3.3	2.2	3.4	3.7	3.9	3.9	3.9	3.7	3.7	3.7	3.7
107°	3.3	2.3	3.3	3.7	3.9	3.9	3.9	3.7	3.7	3.7	3.7
108°	3.2	2.3	3.3	3.6	3.9	4.0	4.0	3.8	3.8	3.8	3.7
109°	3.2	2.3	3.2	3.6	3.9	4.0	4.1	3.9	3.9	3.8	3.6
110°	3.1	2.4	3.2	3.6	3.9	4.1	4.2	4.0	4.0	3.9	3.6
111°	3.1	2.4	3.1	3.6	3.9	4.1	4.3	4.1	4.0	3.9	3.7
112°	3.1	2.5	3.1	3.6	4.0	4.2	4.4	4.2	4.1	4.0	3.7
113°	3.0	2.6	3.1	3.6	4.0	4.3	4.4	4.3	4.2	4.0	3.7
114°	3.0	2.6	3.1	3.6	4.1	4.4	4.5	4.5	4.3	4.1	3.8
115°	3.0	2.7	3.1	3.6	4.2	4.5	4.6	4.6	4.4	4.2	3.9
116°	3.0	2.7	3.1	3.7	4.2	4.5	4.7	4.7	4.5	4.3	3.9
117°	3.0	2.8	3.1	3.7	4.3	4.6	4.8	4.8	4.6	4.4	4.0
118°	3.1	2.9	3.1	3.8	4.4	4.7	4.9	4.9	4.7	4.5	4.1
119°	3.1	2.9	3.2	3.9	4.5	4.8	5.0	5.0	4.8	4.6	4.2
120°	3.1	3.0	3.2	4.0	4.6	4.9	5.2	5.1	4.9	4.7	4.3
121°	3.1	3.0	3.2	4.0	4.6	5.0	5.2	5.1	5.0	4.7	4.4
122°	3.1	3.0	3.2	4.0	4.7	5.0	5.2	5.2	5.0	4.7	4.4
123°	3.1	3.1	3.2	4.0	4.6	5.0	5.2	5.1	5.0	4.7	4.3
124°	3.1	3.0	3.1	3.9	4.6	5.0	5.1	5.1	4.9	4.7	4.3
125°	3.0	3.0	3.1	3.9	4.5	4.9	5.0	5.0	4.9	4.6	4.3
126°	3.0	3.0	3.0	3.8	4.5	4.8	4.9	4.9	4.8	4.5	4.2
127°	2.9	2.9	2.9	3.7	4.4	4.6	4.8	4.8	4.6	4.4	4.1
128°	2.8	2.8	2.8	3.6	4.2	4.5	4.6	4.6	4.5	4.3	4.0
129°	2.7	2.7	2.7	3.5	4.1	4.3	4.4	4.4	4.3	4.1	3.8
130°	2.6	2.6	2.6	3.3	3.9	4.1	4.2	4.1	4.0	3.9	3.6
131°	2.5	2.5	2.5	3.1	3.6	3.8	3.9	3.9	3.8	3.7	3.4
132°	2.4	2.3	2.3	2.9	3.4	3.6	3.6	3.6	3.5	3.4	3.2
133°	2.2	2.1	2.2	2.7	3.1	3.2	3.3	3.2	3.2	3.1	2.9
134°	2.1	2.0	2.0	2.5	2.8	2.9	3.0	2.9	2.9	2.8	2.6

REPORT NUMBER: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	1.9	1.8	1.8	2.2	2.5	2.6	2.6	2.6	2.5	2.5	2.4
136°	1.8	1.6	1.7	2.0	2.2	2.2	2.3	2.2	2.2	2.2	2.1
137°	1.6	1.4	1.5	1.7	1.8	1.9	1.9	1.9	1.9	1.9	1.8
138°	1.4	1.2	1.3	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5
139°	1.2	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
140°	1.1	0.9	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0
141°	1.0	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
142°	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8
143°	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7
144°	0.8	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	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
146°	0.7	0.6	0.6	0.6	0.6	0.7	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	0.6
148°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
149°	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5
150°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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	0.5	0.4	0.4	0.4	0.5	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	0.4
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	0.4	0.4	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	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
159°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.4	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: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6.2	6.2	6.2
1°	5.5	5.3	5.2
2°	12.6	9.5	5.8
3°	19.7	16.2	13.3
4°	26.8	22.9	20.8
5°	31.8	29.7	28.4
6°	35.4	32.6	31.7
7°	37.4	36.3	34.2
8°	41.7	39.3	37.1
9°	44.4	42.2	40.1
10°	48.4	45.0	42.3
11°	57.4	51.2	46.4
12°	65.8	59.4	55.0
13°	73.3	64.6	61.7
14°	77.1	71.5	67.8
15°	82.4	77.1	72.5
16°	87.4	82.2	79.6
17°	93.8	88.0	84.0
18°	99.7	93.4	88.7
19°	111.1	99.7	94.8
20°	123.1	110.1	101.7
21°	129.2	117.4	109.4
22°	137.9	126.1	118.7
23°	144.5	131.8	126.6
24°	152.5	138.3	133.0
25°	161.8	146.0	139.2
26°	169.5	153.5	146.5
27°	175.0	159.7	154.9
28°	183.1	166.4	162.0
29°	190.9	175.0	169.9
30°	200.3	181.2	177.6
31°	207.1	190.0	184.3
32°	217.8	196.0	194.1
33°	231.2	209.8	204.8
34°	244.7	221.4	216.2
35°	258.1	237.7	233.8
36°	279.3	254.0	251.6
37°	301.7	270.3	269.3
38°	315.3	283.9	278.2
39°	322.7	300.9	300.8
40°	331.0	314.8	322.8
41°	358.0	333.9	348.6
42°	386.1	354.7	382.1
43°	398.4	381.5	403.0
44°	410.5	391.2	425.3

REPORT NUMBER: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	430.1	399.2	446.7
46°	442.4	405.8	466.8
47°	475.7	415.1	488.8
48°	492.4	427.4	499.2
49°	499.6	431.2	507.0
50°	508.5	435.5	514.6
51°	516.9	440.2	523.1
52°	523.7	444.4	530.9
53°	527.5	448.9	537.0
54°	528.6	452.4	542.7
55°	527.1	454.3	548.4
56°	525.3	455.2	551.9
57°	521.3	456.4	553.3
58°	516.4	457.1	555.4
59°	508.1	457.9	556.6
60°	497.3	457.0	552.9
61°	485.1	455.1	546.9
62°	469.0	451.4	540.3
63°	452.0	444.4	532.5
64°	433.2	434.9	523.6
65°	409.9	423.7	511.9
66°	386.5	409.0	499.6
67°	363.6	393.8	483.3
68°	338.5	376.2	460.0
69°	307.5	352.2	430.1
70°	277.9	324.2	399.2
71°	246.0	298.3	372.0
72°	221.8	268.4	349.0
73°	203.8	239.4	321.1
74°	183.3	217.3	282.6
75°	162.1	195.8	249.2
76°	144.3	171.5	220.4
77°	124.6	146.8	190.5
78°	108.3	119.7	161.2
79°	94.2	103.1	134.4
80°	80.1	86.7	114.1
81°	66.1	70.3	98.2
82°	52.8	57.7	82.4
83°	41.5	47.5	66.6
84°	33.8	38.5	49.7
85°	25.9	29.3	37.1
86°	18.8	21.7	26.5
87°	13.1	15.6	17.3
88°	10.2	11.8	12.1
89°	7.3	8.0	6.9

REPORT NUMBER: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	4.4	4.3	1.8
91°	4.3	4.1	1.6
92°	4.2	3.9	1.6
93°	3.9	3.6	1.6
94°	3.8	3.6	1.7
95°	3.8	3.5	1.7
96°	3.8	3.5	1.7
97°	3.7	3.5	1.7
98°	3.7	3.4	1.8
99°	3.7	3.4	1.8
100°	3.7	3.4	1.8
101°	3.7	3.4	1.9
102°	3.6	3.3	1.9
103°	3.6	3.3	1.9
104°	3.6	3.3	2.0
105°	3.6	3.2	2.0
106°	3.5	3.1	2.1
107°	3.4	3.1	2.1
108°	3.3	3.0	2.1
109°	3.3	3.0	2.2
110°	3.3	2.9	2.3
111°	3.3	2.9	2.3
112°	3.3	2.9	2.4
113°	3.3	2.9	2.4
114°	3.3	2.9	2.5
115°	3.4	2.9	2.6
116°	3.4	2.9	2.6
117°	3.5	2.9	2.7
118°	3.5	3.0	2.8
119°	3.6	3.0	2.8
120°	3.7	3.0	2.9
121°	3.7	3.0	2.9
122°	3.7	3.0	3.0
123°	3.7	3.0	3.0
124°	3.7	3.0	3.0
125°	3.6	3.0	3.0
126°	3.5	2.9	2.9
127°	3.5	2.8	2.9
128°	3.3	2.7	2.8
129°	3.2	2.6	2.7
130°	3.1	2.5	2.6
131°	2.9	2.4	2.4
132°	2.7	2.2	2.3
133°	2.5	2.1	2.1
134°	2.3	1.9	2.0

REPORT NUMBER: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	2.1	1.7	1.8
136°	1.8	1.6	1.6
137°	1.6	1.4	1.4
138°	1.4	1.2	1.2
139°	1.2	1.1	1.1
140°	1.0	0.9	0.9
141°	0.8	0.8	0.8
142°	0.8	0.8	0.8
143°	0.7	0.7	0.7
144°	0.7	0.7	0.7
145°	0.6	0.6	0.6
146°	0.6	0.6	0.6
147°	0.5	0.6	0.6
148°	0.5	0.5	0.5
149°	0.5	0.5	0.5
150°	0.5	0.5	0.5
151°	0.4	0.4	0.5
152°	0.4	0.4	0.4
153°	0.4	0.4	0.4
154°	0.4	0.4	0.4
155°	0.3	0.4	0.4
156°	0.3	0.3	0.4
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: P1192942
CATALOG NUMBER: BOLY42-25S-BZ-15W-5000K

CANDELA DISTRIBUTION (continued):

180°	330°	345°	360°
	0.3	0.3	0.3

(END OF REPORT)