

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO

Report Number: A1921872A001

Luminaire Tested:

Test Date: 2020-01-15



Test Information

Test Method: LM-41-14
Report Number: A1921872A001
Test Lab: EVERFINE
Test Date: 2020-01-15
Issue Date: 2020-01-15 09:18:56
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number:
Description: HLB12LS9FSE010MWR 25W
Light Source: -
Ballast/Driver: -

Summary

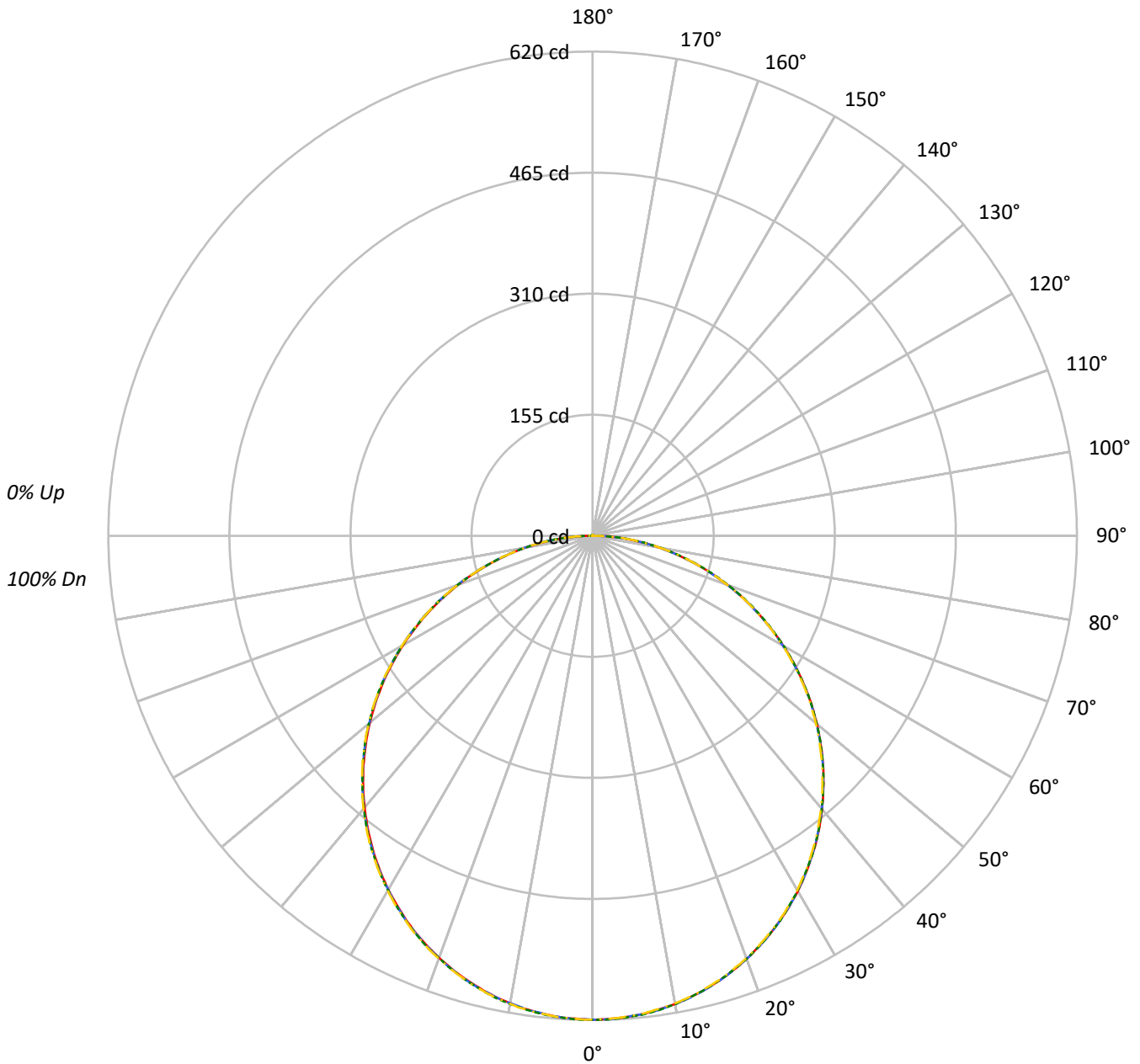
Lumens per Lamp: N/A
Luminaire Lumens: 1824.7 lumens
Efficiency: N/A
Efficacy: 76.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Circular (Dia: 0.3m x H: 0m)
CIE Type: Direct

Input Watts (W): 23.9613
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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CATALOG NUMBER:

Luminous Intensity Polar Plot





TEST NUMBER: A1921872A001

CATALOG NUMBER:

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	83																			
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	78	74	71	68																			
3	89	78	70	63	87	77	69	63	74	67	62	71	65	61	68	64	59	57																			
4	82	69	60	53	79	68	60	53	65	58	52	63	57	52	61	55	51	49																			
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42																			
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	50	43	39	37																			
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32																			
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29																			
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26																			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	29	25	23																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8483	8483	8483	8483
5°	8474	8481	8469	8477
10°	8460	8466	8449	8461
15°	8431	8432	8416	8427
20°	8398	8395	8377	8382
25°	8353	8350	8327	8341
30°	8302	8295	8267	8282
35°	8236	8231	8196	8219
40°	8163	8155	8113	8144
45°	8080	8073	8028	8054
50°	7982	7974	7922	7962
55°	7866	7862	7812	7843
60°	7720	7732	7669	7702
65°	7550	7581	7516	7547
70°	7347	7399	7315	7334
75°	7096	7159	7083	7117
80°	6816	6944	6846	6883
85°	6519	6812	6676	6736



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CATALOG NUMBER:

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	3.2
10°-20°	167.8	9.2
20°-30°	254.6	14.0
30°-40°	307.7	16.9
40°-50°	321.0	17.6
50°-60°	293.7	16.1
60°-70°	230.5	12.6
70°-80°	142.3	7.8
80°-90°	47.1	2.6
90°-100°	0.1	0.0
100°-110°	0.0	0.0
110°-120°	0.1	0.0
120°-130°	0.1	0.0
130°-140°	0.1	0.0
140°-150°	0.2	0.0
150°-160°	0.4	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	481.0	26.4
0°-40°	788.8	43.2
0°-60°	1403.5	76.9
0°-90°	1823.4	99.9
90°-120°	0.1	0.0
90°-150°	0.5	0.0
90°-180°	1.0	0.1
0°-180°	1824.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	620	620	620	620	620	
5°	617	617	616	617	617	59
15°	595	595	594	595	595	168
25°	553	553	551	552	553	255
35°	493	493	491	492	493	308
45°	417	417	415	416	417	322
55°	330	329	327	329	330	294
65°	233	234	232	233	233	231
75°	134	135	134	135	134	142
85°	42	43	43	43	42	43
90°	1	3	3	1	1	3
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	1	1	1	1	1	0
165°	1	1	1	1	1	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	



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CATALOG NUMBER:

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8
0.5°	619.6	619.3	619.6	619.5	619.9	619.4	619.3	619.7	619.6	619.2	619.3
1°	619.4	619.5	619.4	619.5	619.7	619.2	619.4	619.5	619.2	619.5	619.3
1.5°	619.4	618.9	619.4	619.5	619.8	619.3	619.1	619.3	619.3	619.0	619.0
2°	619.0	619.2	619.6	619.0	619.6	618.9	619.0	619.1	618.7	619.0	619.2
2.5°	618.8	618.8	619.1	618.6	619.3	618.8	618.6	618.8	618.7	618.8	618.8
3°	618.4	618.8	618.8	618.4	619.2	618.3	618.4	618.3	618.3	618.5	618.6
3.5°	618.2	618.2	618.2	617.9	618.8	618.2	617.8	617.9	618.2	617.9	618.2
4°	617.7	617.8	618.0	617.8	618.2	617.5	617.3	617.3	617.5	617.7	617.8
4.5°	617.3	617.1	617.1	617.4	617.9	617.0	617.1	617.0	617.2	617.1	617.0
5°	616.8	616.7	616.8	616.9	617.3	616.5	616.6	616.7	616.4	616.7	616.6
5.5°	616.2	616.0	616.3	616.3	616.8	616.0	615.9	616.1	615.8	615.9	615.9
6°	615.8	615.9	615.9	615.7	616.3	615.2	615.2	615.0	615.2	615.4	615.2
6.5°	614.9	615.1	614.9	614.9	615.5	614.6	614.3	614.3	614.5	614.7	614.4
7°	614.5	614.6	614.5	614.3	614.9	613.8	613.5	613.8	613.7	613.9	613.9
7.5°	613.6	613.4	613.7	613.7	613.8	613.1	612.4	613.0	612.9	613.0	613.0
8°	612.5	612.7	613.1	612.6	613.1	612.2	611.7	611.8	612.1	612.5	612.1
8.5°	611.5	611.7	611.9	611.9	612.1	611.4	610.8	611.0	611.4	611.7	610.9
9°	610.7	610.9	610.9	610.8	611.0	610.2	610.0	610.0	610.3	610.3	609.9
9.5°	609.8	609.9	609.8	609.8	610.0	609.4	608.9	608.9	609.1	609.3	608.8
10°	608.7	608.9	608.9	608.7	609.1	608.3	607.7	608.0	607.9	608.1	607.9
10.5°	607.6	607.5	607.8	607.8	607.7	607.2	606.9	606.7	606.8	607.0	606.7
11°	606.4	606.6	606.7	606.7	606.5	605.9	605.7	605.6	605.5	605.7	605.6
11.5°	605.3	605.3	605.5	605.1	605.0	604.8	604.4	604.2	604.4	604.4	604.6
12°	603.9	603.8	604.4	603.8	604.0	603.4	603.2	602.9	603.0	603.2	603.5
12.5°	602.4	602.6	603.0	602.4	602.5	601.9	601.8	601.6	601.6	601.9	601.7
13°	601.2	601.3	601.5	601.2	601.0	600.7	600.4	600.3	600.1	600.5	600.1
13.5°	599.9	600.0	600.1	599.6	599.8	599.2	598.8	598.8	598.7	598.9	598.9
14°	598.4	598.4	598.5	598.1	598.2	597.7	597.4	597.3	597.0	597.3	597.6
14.5°	596.7	596.9	596.9	596.5	596.5	596.3	595.8	595.5	595.6	596.0	596.2
15°	595.0	595.3	595.4	595.0	595.1	594.6	594.3	594.0	593.9	594.4	594.7
15.5°	593.5	593.6	593.7	593.4	593.4	593.0	592.5	592.3	592.3	592.7	592.8
16°	592.1	592.0	592.0	591.7	591.7	591.3	591.1	590.4	590.6	590.8	591.1
16.5°	590.2	590.4	590.4	589.9	589.7	589.7	589.2	588.6	588.9	589.0	589.4
17°	588.4	588.4	588.6	588.3	588.4	587.5	587.6	587.0	586.9	587.3	587.6
17.5°	586.5	586.5	586.7	586.4	586.2	585.9	585.6	585.2	585.1	585.4	585.8
18°	584.6	584.7	584.6	584.5	584.2	584.1	583.8	583.2	583.3	583.5	583.6
18.5°	582.6	582.7	582.4	582.4	582.3	581.9	581.5	581.2	581.2	581.5	581.7
19°	580.7	580.6	580.6	580.4	580.5	580.1	579.7	579.1	578.9	579.6	579.7
19.5°	578.4	578.5	578.6	578.5	578.4	578.0	577.6	577.0	577.1	577.6	577.6
20°	576.5	576.5	576.5	576.5	576.4	575.7	575.6	575.1	575.1	575.2	575.4
20.5°	574.5	574.2	574.4	574.2	574.2	573.6	573.2	573.0	572.7	573.2	573.2
21°	572.2	572.3	572.1	572.0	572.1	571.6	571.1	570.8	570.5	570.8	571.0



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CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	565.2	565.2	565.3	565.3	565.3	564.6	564.2	563.7	563.8	564.0	564.2
23°	562.9	563.1	563.1	562.7	562.8	562.3	562.0	561.5	561.3	561.6	561.7
23.5°	560.6	560.6	560.9	560.4	560.4	560.0	559.4	559.1	559.0	559.5	559.4
24°	558.1	558.2	558.4	557.9	558.0	557.7	556.8	556.7	556.7	557.1	557.2
24.5°	555.7	555.6	556.0	555.3	555.4	555.3	554.4	554.2	554.1	554.5	554.5
25°	553.1	553.2	553.2	552.9	552.9	552.6	552.0	551.4	551.4	551.7	551.8
25.5°	550.3	550.6	550.7	550.0	550.4	550.1	549.3	548.8	548.8	549.2	549.3
26°	547.8	547.9	547.7	547.4	548.0	547.4	546.8	546.2	546.1	546.5	546.8
26.5°	545.1	545.4	545.3	544.7	545.1	544.6	544.0	543.4	543.3	543.7	543.9
27°	542.6	542.4	542.4	541.9	542.4	541.7	541.4	540.6	540.4	540.8	541.0
27.5°	539.9	539.4	539.7	539.2	539.4	538.8	538.4	537.9	537.5	537.7	538.3
28°	537.1	536.6	536.8	536.4	536.4	536.1	535.6	534.8	534.8	535.1	535.4
28.5°	534.1	533.6	533.7	533.5	533.4	533.2	532.8	532.0	532.0	532.3	532.6
29°	530.9	530.8	530.9	530.6	530.7	530.2	529.9	529.3	529.0	529.1	529.5
29.5°	528.3	527.9	528.2	527.6	527.7	527.3	526.8	526.2	526.0	526.2	526.6
30°	525.3	525.2	524.9	524.5	524.9	524.3	523.9	523.1	523.1	523.0	523.5
30.5°	522.2	522.0	522.0	521.4	521.7	521.3	520.7	520.1	519.9	520.0	520.4
31°	519.2	519.0	518.8	518.3	518.7	518.1	517.6	517.0	516.8	517.1	517.4
31.5°	516.2	515.7	515.8	515.2	515.5	515.0	514.3	513.7	513.8	513.6	514.2
32°	512.8	512.4	512.7	511.9	512.3	511.8	511.1	510.6	510.5	510.5	511.2
32.5°	509.5	509.2	509.5	508.6	509.0	508.7	508.0	507.3	507.3	507.4	508.2
33°	506.4	506.0	506.1	505.5	505.8	505.2	504.7	503.9	504.1	504.2	504.8
33.5°	503.0	502.7	502.8	502.0	502.5	501.8	501.1	500.5	500.6	500.8	501.6
34°	499.6	499.6	499.4	498.7	499.4	498.5	498.0	497.2	497.3	497.6	498.1
34.5°	496.4	496.2	496.2	495.2	495.9	495.3	494.6	493.8	493.9	494.2	494.7
35°	492.9	492.9	493.1	491.8	492.6	491.9	491.3	490.5	490.5	490.9	491.5
35.5°	489.7	489.5	489.2	488.5	489.3	488.4	487.7	487.0	487.0	487.5	488.0
36°	486.4	485.9	485.6	485.1	486.0	485.0	484.3	483.7	483.4	483.9	484.8
36.5°	482.8	482.4	482.2	481.5	482.3	481.5	480.6	480.2	479.9	480.4	481.2
37°	479.2	478.8	478.5	477.8	478.8	477.8	477.1	476.4	476.6	476.9	477.6
37.5°	475.5	475.2	475.1	474.1	475.0	474.2	473.5	472.9	472.9	473.3	473.9
38°	471.8	471.6	471.2	470.4	471.4	470.6	469.9	469.4	469.1	469.7	470.3
38.5°	468.1	467.9	467.5	466.7	467.6	466.8	466.1	465.4	465.3	465.9	466.5
39°	464.5	464.1	464.2	462.8	464.0	463.2	462.4	461.7	461.7	462.3	463.2
39.5°	460.5	460.4	460.3	459.3	460.0	459.2	458.8	458.0	458.0	458.8	459.1
40°	456.9	456.8	456.3	455.7	456.4	455.8	454.9	454.4	454.1	454.8	455.5
40.5°	453.1	452.9	452.7	451.9	452.6	451.8	451.0	450.4	450.3	451.2	451.8
41°	449.4	449.1	449.0	447.8	448.9	447.9	447.0	446.5	446.7	447.2	447.8
41.5°	445.2	445.0	445.0	444.0	444.8	444.0	443.2	442.5	442.8	443.7	444.0
42°	441.3	441.1	441.1	439.9	440.9	440.2	439.3	438.8	438.9	439.5	440.2
42.5°	437.5	437.0	436.9	436.3	436.8	436.1	435.3	434.8	434.9	435.4	436.0
43°	433.6	433.3	433.0	432.0	433.1	432.2	431.4	430.9	431.0	431.4	432.0
43.5°	429.4	429.3	428.8	428.3	429.1	428.3	427.2	426.9	426.8	427.6	428.3



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CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	417.4	417.2	416.8	416.0	417.1	416.2	415.2	414.8	414.7	415.2	416.1
45.5°	413.4	412.8	412.7	412.0	413.0	412.1	411.3	410.4	410.5	411.0	411.7
46°	409.0	409.0	408.5	407.7	408.8	407.9	406.9	406.4	406.3	407.0	407.7
46.5°	404.9	404.4	404.3	403.5	404.7	403.8	402.8	402.2	402.1	402.7	403.7
47°	400.7	400.4	400.0	399.3	400.5	399.4	398.5	398.1	397.9	398.4	399.4
47.5°	396.3	396.0	395.8	395.0	396.1	395.2	394.2	393.8	393.7	394.3	394.9
48°	392.0	391.9	391.5	390.7	392.1	391.1	390.1	389.5	389.5	389.9	390.8
48.5°	387.6	387.5	387.3	386.4	387.6	386.6	385.9	385.2	385.1	385.8	386.6
49°	383.4	383.0	382.9	382.3	383.1	382.2	381.5	380.9	380.9	381.4	382.3
49.5°	379.1	378.7	378.2	377.8	378.9	378.1	377.1	376.4	376.5	377.0	378.0
50°	374.9	374.5	373.8	373.4	374.5	373.7	372.8	372.1	372.0	372.8	373.4
50.5°	370.3	369.9	369.5	369.1	370.1	369.2	368.5	367.5	367.8	368.3	369.2
51°	365.8	365.3	365.1	364.4	365.7	364.7	364.0	363.1	363.2	363.5	364.6
51.5°	361.5	361.1	360.5	359.9	361.4	360.5	359.6	358.9	359.0	359.3	360.3
52°	357.1	356.8	356.4	355.4	357.1	356.1	355.2	354.8	354.5	354.9	355.9
52.5°	352.7	352.2	351.8	350.9	352.5	351.6	350.8	350.0	350.1	350.3	351.3
53°	348.1	347.5	347.3	346.4	348.0	347.1	346.4	345.6	345.5	345.8	346.9
53.5°	343.5	343.0	342.8	342.0	343.4	342.5	341.8	340.9	340.9	341.3	342.3
54°	338.8	338.5	338.1	337.2	338.7	337.9	337.0	336.3	336.3	336.7	338.1
54.5°	334.3	333.9	333.5	332.7	334.2	333.3	332.3	331.6	331.9	332.3	333.3
55°	329.6	329.4	328.9	328.0	329.5	328.7	327.8	327.1	327.4	327.7	328.9
55.5°	325.0	324.6	324.2	323.3	324.9	323.9	323.1	322.5	323.0	323.3	324.1
56°	320.4	320.1	319.7	318.6	320.2	319.2	318.4	318.0	318.0	318.4	319.4
56.5°	315.3	315.4	315.0	314.0	315.5	314.5	313.6	313.3	313.4	313.9	314.9
57°	310.7	310.5	310.2	309.1	310.7	309.9	309.0	308.6	308.6	309.3	310.3
57.5°	306.0	305.7	305.5	304.7	306.3	305.1	304.2	303.8	304.2	304.6	305.5
58°	301.2	301.0	300.7	299.7	301.5	300.5	299.5	299.0	299.3	299.7	300.7
58.5°	296.4	296.1	295.9	294.9	296.8	295.9	294.9	294.3	294.6	295.0	296.0
59°	291.7	291.3	291.1	290.4	292.1	291.3	290.2	289.7	289.6	290.3	291.4
59.5°	286.9	286.6	286.3	285.5	287.4	286.6	285.6	284.8	285.2	285.8	286.6
60°	282.0	281.8	281.5	280.7	282.5	281.6	280.6	280.1	280.2	280.8	281.7
60.5°	277.1	277.1	276.6	275.9	277.8	276.8	275.9	275.2	275.4	276.0	276.9
61°	272.3	272.3	271.7	271.0	272.9	272.1	271.2	270.5	270.7	271.1	272.2
61.5°	267.4	267.3	266.9	266.1	268.0	267.2	266.1	265.9	265.6	266.4	267.3
62°	262.6	262.5	262.0	261.3	263.3	262.3	261.6	261.0	260.8	261.7	262.6
62.5°	257.7	257.6	257.2	256.5	258.4	257.5	256.8	256.2	256.2	256.9	257.7
63°	252.8	252.9	252.4	251.6	253.7	252.7	252.0	251.4	251.4	252.0	253.1
63.5°	247.9	247.7	247.4	246.5	248.8	248.1	247.1	246.6	246.6	247.3	248.1
64°	242.9	242.8	242.5	241.6	243.8	243.1	242.3	241.7	241.8	242.6	243.4
64.5°	238.0	237.8	237.7	236.8	238.9	238.1	237.3	236.8	236.8	237.6	238.5
65°	233.1	232.9	232.7	231.7	234.1	233.3	232.6	232.0	232.1	232.8	233.5
65.5°	228.2	228.1	227.5	226.7	229.2	228.4	227.8	227.2	227.1	228.0	228.6
66°	223.4	223.4	222.6	221.9	224.4	223.7	222.9	222.2	222.2	223.1	223.9



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	208.6	208.6	208.0	207.2	209.7	209.1	208.3	207.5	207.5	208.1	208.9
68°	203.7	203.4	203.0	202.1	204.8	204.1	203.3	202.4	202.5	203.1	204.1
68.5°	198.5	198.6	198.2	197.3	199.9	199.0	198.3	197.5	197.4	198.2	199.0
69°	193.6	193.5	193.2	192.3	194.8	194.0	193.4	192.5	192.7	193.2	194.1
69.5°	188.8	188.7	188.3	187.5	189.9	189.1	188.6	187.5	187.7	188.5	189.2
70°	183.6	183.5	183.2	182.6	184.9	184.2	183.5	182.5	182.8	183.4	184.5
70.5°	178.6	178.7	178.2	177.6	179.9	179.3	178.6	177.7	177.9	178.5	179.4
71°	173.6	173.6	173.2	172.6	175.0	174.3	173.6	172.7	173.1	173.6	174.5
71.5°	168.6	168.7	168.2	167.6	170.0	169.3	168.6	167.8	168.1	168.7	169.5
72°	163.6	163.6	163.2	162.5	165.0	164.5	163.8	162.8	163.1	163.7	164.6
72.5°	158.6	158.6	158.2	157.8	160.0	159.5	158.9	158.0	158.3	158.8	159.7
73°	153.8	153.5	153.4	152.8	155.1	154.8	154.0	153.2	153.5	154.0	154.9
73.5°	148.8	148.8	148.4	147.9	150.3	149.8	149.1	148.3	148.6	149.1	150.1
74°	143.9	143.9	143.5	142.9	145.2	144.9	144.2	143.4	143.6	144.3	145.1
74.5°	139.0	138.9	138.6	138.0	140.4	140.1	139.3	138.6	138.8	139.6	140.4
75°	134.2	134.0	133.7	133.2	135.4	135.2	134.4	133.5	133.9	134.8	135.5
75.5°	129.2	129.2	128.8	128.5	130.7	130.3	129.6	128.9	129.2	129.9	130.6
76°	124.4	124.3	124.1	123.5	125.7	125.5	124.7	123.8	124.3	125.1	125.7
76.5°	119.5	119.5	119.2	118.7	121.0	120.7	119.9	119.1	119.6	120.3	121.2
77°	114.8	114.7	114.3	114.1	116.2	116.0	115.3	114.4	114.8	115.6	116.3
77.5°	110.0	110.2	109.8	109.5	111.5	111.3	110.4	109.7	110.2	110.8	111.5
78°	105.2	105.3	105.0	104.5	106.7	106.5	105.7	104.9	105.4	105.9	106.9
78.5°	100.6	100.6	100.3	99.9	101.8	101.8	100.9	100.2	100.7	101.3	102.1
79°	95.9	95.9	95.5	95.2	97.3	97.1	96.3	95.5	95.9	96.6	97.4
79.5°	91.1	91.1	90.9	90.4	92.7	92.6	91.7	90.8	91.4	92.0	92.7
80°	86.5	86.5	86.2	86.0	88.1	88.1	87.1	86.4	86.9	87.6	88.2
80.5°	81.9	81.9	81.7	81.3	83.5	83.5	82.5	81.7	82.3	83.0	83.7
81°	77.3	77.3	77.1	76.9	79.1	78.8	78.1	77.3	77.8	78.4	79.2
81.5°	72.7	72.6	72.5	72.3	74.3	74.3	73.4	72.7	73.1	73.9	74.5
82°	68.2	68.2	67.9	67.8	69.8	69.6	69.0	68.1	68.7	69.3	70.0
82.5°	63.7	63.7	63.4	63.3	65.3	65.1	64.4	63.5	64.2	64.8	65.6
83°	59.0	59.2	59.0	58.6	60.9	60.7	60.0	59.3	59.9	60.4	61.3
83.5°	54.6	54.8	54.5	54.3	56.3	56.1	55.5	54.9	55.4	56.0	56.7
84°	50.3	50.2	50.1	50.0	52.1	51.7	51.3	50.4	51.0	51.6	52.5
84.5°	45.9	45.8	45.7	45.6	47.7	47.4	46.9	46.2	46.7	47.4	48.2
85°	41.5	41.5	41.4	41.4	43.4	43.1	42.5	42.0	42.5	43.0	43.9
85.5°	37.2	36.9	37.0	37.0	39.1	38.8	38.2	37.6	38.2	38.8	39.6
86°	32.9	33.1	32.8	32.8	34.9	34.5	33.9	33.5	34.0	34.6	35.3
86.5°	28.8	28.8	28.7	28.6	30.6	30.3	29.8	29.4	29.7	30.4	31.2
87°	24.7	24.7	24.6	24.5	26.7	26.0	25.5	25.2	25.7	26.2	27.2
87.5°	20.8	20.9	20.8	20.7	22.5	21.9	21.5	21.3	21.7	22.3	22.8
88°	16.8	17.0	16.7	16.7	18.6	18.2	17.7	17.5	17.9	18.5	19.0
88.5°	12.7	13.0	12.4	12.7	14.6	14.2	13.6	13.7	13.9	14.5	15.1



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	1.4	1.5	1.2	1.0	3.2	2.9	2.8	2.9	2.8	3.1	3.2
90.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.2	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.2	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.2	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.2	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0
117°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
118°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0
118.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0
119°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0
119.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.0	0.1	0.0	0.0
120°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.0
120.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.0	0.0
121°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.0	0.0
121.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.1
122°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.0
122.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.2	0.1	0.1
123°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.2	0.1	0.1
123.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.3	0.1	0.1
124°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.3	0.1	0.1
124.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.1	0.2	0.2	0.2
125°	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.2	0.2	0.1	0.2
125.5°	0.0	0.2	0.1	0.2	0.1	0.0	0.1	0.1	0.2	0.1	0.2
126°	0.0	0.2	0.1	0.2	0.1	0.0	0.2	0.1	0.1	0.2	0.2
126.5°	0.0	0.2	0.1	0.2	0.1	0.0	0.2	0.1	0.1	0.1	0.1
127°	0.0	0.2	0.1	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.1
127.5°	0.0	0.2	0.1	0.2	0.1	0.0	0.1	0.1	0.3	0.1	0.1
128°	0.0	0.2	0.1	0.2	0.1	0.0	0.1	0.1	0.3	0.2	0.1
128.5°	0.0	0.2	0.1	0.2	0.1	0.0	0.1	0.2	0.3	0.1	0.2
129°	0.0	0.2	0.1	0.2	0.1	0.0	0.1	0.2	0.3	0.2	0.2
129.5°	0.0	0.2	0.1	0.2	0.1	0.0	0.2	0.2	0.3	0.2	0.1
130°	0.0	0.2	0.1	0.2	0.1	0.0	0.2	0.2	0.3	0.2	0.1
130.5°	0.0	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.1	0.1
131°	0.0	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.1
131.5°	0.0	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.1	0.1
132°	0.0	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.1	0.1
132.5°	0.0	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.1	0.2
133°	0.0	0.2	0.1	0.2	0.1	0.2	0.0	0.2	0.3	0.1	0.2
133.5°	0.0	0.2	0.1	0.2	0.1	0.1	0.3	0.2	0.3	0.2	0.2



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.0	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.3
135.5°	0.0	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.3
136°	0.0	0.2	0.1	0.2	0.2	0.1	0.2	0.3	0.3	0.2	0.1
136.5°	0.0	0.2	0.1	0.2	0.2	0.1	0.2	0.3	0.3	0.2	0.2
137°	0.0	0.2	0.1	0.2	0.3	0.1	0.3	0.3	0.3	0.2	0.1
137.5°	0.0	0.2	0.1	0.2	0.3	0.1	0.3	0.3	0.3	0.2	0.3
138°	0.0	0.2	0.1	0.2	0.2	0.1	0.3	0.3	0.3	0.2	0.3
138.5°	0.0	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2
139°	0.0	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
139.5°	0.0	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3
140°	0.1	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3
140.5°	0.1	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
141°	0.1	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
141.5°	0.1	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
142°	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
142.5°	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
143°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
143.5°	0.2	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3
144°	0.1	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3
144.5°	0.2	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3
145°	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
145.5°	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3
146°	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.3
146.5°	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.3	0.5	0.3
147°	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.3
147.5°	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4
148°	0.3	0.3	0.4	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.4
148.5°	0.3	0.3	0.6	0.5	0.3	0.4	0.5	0.5	0.4	0.4	0.4
149°	0.3	0.5	0.6	0.8	0.3	0.5	0.4	0.5	0.4	0.4	0.4
149.5°	0.3	0.6	0.6	0.8	0.3	0.5	0.4	0.5	0.5	0.4	0.5
150°	0.4	0.6	0.7	0.8	0.3	0.4	0.5	0.5	0.4	0.5	0.5
150.5°	0.5	0.6	0.7	0.9	0.5	0.4	0.5	0.5	0.4	0.5	0.4
151°	0.5	0.7	0.9	0.9	0.4	0.5	0.5	0.5	0.4	0.5	0.4
151.5°	0.7	0.7	1.1	0.9	0.5	0.5	0.5	0.5	0.4	0.5	0.5
152°	0.7	0.9	1.1	1.1	0.5	0.5	0.5	0.5	0.4	0.5	0.5
152.5°	0.8	1.0	1.1	1.0	0.5	0.5	0.5	0.5	0.4	0.6	0.5
153°	0.8	0.9	1.2	1.1	0.5	0.5	0.5	0.5	0.4	0.7	0.5
153.5°	0.9	1.1	1.1	1.0	0.7	0.5	0.5	0.5	0.4	0.7	0.5
154°	0.9	1.2	1.1	1.1	0.6	0.6	0.7	0.5	0.5	0.7	0.5
154.5°	1.0	1.2	1.1	1.1	0.6	0.7	0.7	0.5	0.5	0.6	0.5
155°	1.1	1.1	1.1	1.1	0.6	0.7	0.6	0.6	0.7	0.7	0.5
155.5°	1.1	1.1	1.1	1.1	0.7	0.7	0.6	0.6	0.6	0.8	0.7
156°	1.1	1.1	1.1	1.1	0.7	0.7	0.6	0.7	0.6	0.8	0.7



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	1.2	1.1	1.1	1.1	0.7	0.8	0.7	0.8	0.8	0.9	0.7
158°	1.2	1.1	1.1	1.1	0.8	0.9	0.8	0.7	0.7	0.9	0.9
158.5°	1.2	1.1	1.1	1.1	0.9	0.9	0.8	0.9	0.7	0.9	0.8
159°	1.2	1.2	1.1	1.1	0.9	0.9	0.8	0.9	0.7	0.9	0.9
159.5°	1.2	1.1	1.1	1.1	0.9	0.9	0.9	0.9	1.0	1.0	0.9
160°	1.2	1.1	1.1	1.1	1.0	0.9	0.9	0.9	1.0	1.0	0.9
160.5°	1.2	1.3	1.1	1.1	0.9	0.9	0.9	0.9	1.0	1.1	0.9
161°	1.2	1.3	1.1	1.1	1.0	0.9	0.9	1.0	1.0	1.1	0.9
161.5°	1.2	1.2	1.1	1.1	1.1	1.1	0.9	1.0	1.0	1.1	1.1
162°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1
162.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1
163°	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.1	1.1
163.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1
164°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1
164.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165°	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.2
165.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.2
166°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.1
166.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1
167°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
167.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
168°	1.2	1.2	1.1	1.1	1.3	1.1	1.1	1.1	1.1	1.2	1.2
168.5°	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.3	1.2	1.3
169°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3
169.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
170°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
170.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
171°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
171.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
172°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
172.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
173°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
173.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
174°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
174.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
175°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
175.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
176°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
176.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
177°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
177.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
178°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
178.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	619.8	619.8	619.8	619.8	619.8	619.8
0.5°	619.5	620.0	619.7	619.7	619.8	619.6
1°	619.6	620.0	619.4	619.6	619.4	619.4
1.5°	619.3	620.0	619.0	619.1	619.3	619.4
2°	619.1	619.7	618.9	618.9	619.1	619.0
2.5°	618.6	619.1	619.1	618.5	618.9	618.8
3°	618.4	618.6	618.6	618.5	618.4	618.4
3.5°	618.1	618.5	618.4	618.2	618.2	618.2
4°	617.7	617.9	618.0	617.9	617.7	617.7
4.5°	617.0	617.6	617.4	617.4	617.4	617.3
5°	616.5	617.0	616.6	616.8	616.9	616.8
5.5°	615.9	616.6	616.2	616.0	616.3	616.2
6°	615.3	615.7	615.5	615.4	615.6	615.8
6.5°	614.5	615.2	614.7	614.8	614.9	614.9
7°	613.8	614.3	613.9	614.3	614.1	614.5
7.5°	612.7	613.5	613.3	613.2	613.3	613.6
8°	612.0	612.7	612.2	612.6	612.6	612.5
8.5°	610.9	611.9	611.8	611.7	611.7	611.5
9°	610.1	610.7	610.5	611.2	610.6	610.7
9.5°	609.1	609.8	609.8	609.8	609.7	609.8
10°	608.0	608.8	608.3	608.6	608.5	608.7
10.5°	606.8	607.7	607.4	607.4	607.4	607.6
11°	605.7	606.5	605.9	606.4	606.3	606.4
11.5°	604.4	605.5	605.0	604.8	605.3	605.3
12°	603.3	604.1	603.4	603.9	604.1	603.9
12.5°	601.8	602.4	602.3	602.5	602.5	602.4
13°	600.4	601.1	600.8	601.2	601.0	601.2
13.5°	599.0	599.6	599.6	599.6	599.5	599.9
14°	597.6	597.9	597.7	598.2	598.1	598.4
14.5°	596.0	596.3	596.4	596.7	596.5	596.7
15°	594.2	594.7	595.0	595.3	595.2	595.0
15.5°	592.5	593.2	593.2	593.4	593.5	593.5
16°	591.3	591.4	591.4	591.4	591.8	592.1
16.5°	589.4	590.0	589.8	589.6	590.2	590.2
17°	587.5	587.7	587.9	588.0	588.2	588.4
17.5°	585.6	585.7	586.1	586.1	586.6	586.5
18°	583.6	583.8	584.1	584.2	584.7	584.6
18.5°	581.4	582.1	582.3	582.4	582.7	582.6
19°	579.5	579.8	580.4	580.3	580.7	580.7
19.5°	577.7	577.5	578.3	578.1	578.7	578.4
20°	575.6	575.5	576.0	575.9	576.5	576.5
20.5°	573.4	573.4	573.8	574.1	574.4	574.5
21°	571.3	571.3	571.7	572.0	572.2	572.2



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	564.3	565.1	564.9	564.9	565.3	565.2
23°	561.8	562.5	562.4	562.7	562.9	562.9
23.5°	559.2	559.9	559.9	560.6	560.6	560.6
24°	556.9	557.5	557.5	558.3	558.0	558.1
24.5°	554.4	555.1	555.2	555.7	555.5	555.7
25°	551.7	552.3	552.8	553.0	553.0	553.1
25.5°	549.3	549.7	550.1	550.3	550.5	550.3
26°	546.7	547.1	547.6	547.4	547.6	547.8
26.5°	543.8	544.5	544.7	544.7	545.0	545.1
27°	541.2	541.4	542.1	542.0	542.4	542.6
27.5°	538.3	538.9	539.4	539.1	539.6	539.9
28°	535.6	535.9	536.3	536.4	536.8	537.1
28.5°	532.7	533.2	533.4	533.6	533.9	534.1
29°	529.9	530.0	530.5	530.6	531.1	530.9
29.5°	526.7	527.2	527.5	527.9	528.3	528.3
30°	524.0	524.0	524.6	524.9	525.0	525.3
30.5°	520.7	521.2	521.3	521.8	521.9	522.2
31°	517.9	517.9	518.2	518.6	519.0	519.2
31.5°	514.5	515.0	515.3	515.5	515.9	516.2
32°	511.6	511.8	512.3	512.5	512.6	512.8
32.5°	508.3	508.8	509.1	509.4	509.6	509.5
33°	505.0	505.2	505.8	506.2	506.2	506.4
33.5°	501.7	502.0	502.4	502.6	503.2	503.0
34°	498.3	498.6	499.2	499.2	499.5	499.6
34.5°	495.0	495.4	495.9	496.0	496.3	496.4
35°	491.8	491.9	492.6	492.7	492.7	492.9
35.5°	488.2	488.9	489.0	489.3	489.4	489.7
36°	484.9	485.0	485.4	486.0	485.9	486.4
36.5°	481.3	481.5	481.9	482.2	482.5	482.8
37°	477.8	477.9	478.3	478.9	478.8	479.2
37.5°	474.3	474.5	474.6	474.9	475.6	475.5
38°	470.7	470.6	470.9	471.4	471.8	471.8
38.5°	466.7	467.0	467.1	467.7	468.3	468.1
39°	463.1	463.5	463.5	464.1	464.2	464.5
39.5°	459.6	459.6	459.9	460.4	460.8	460.5
40°	455.9	455.8	456.3	456.6	456.8	456.9
40.5°	452.1	451.9	452.4	452.8	453.1	453.1
41°	448.2	447.9	448.5	448.9	449.2	449.4
41.5°	444.4	444.2	444.5	444.9	445.5	445.2
42°	440.6	440.2	440.5	440.9	441.1	441.3
42.5°	436.6	436.2	436.8	437.0	437.4	437.5
43°	432.7	432.2	432.6	432.9	433.1	433.6
43.5°	428.5	428.1	428.6	429.1	429.1	429.4



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	416.6	416.1	416.3	416.7	417.0	417.4
45.5°	412.5	412.0	412.4	412.6	413.0	413.4
46°	408.5	408.0	408.3	408.6	408.8	409.0
46.5°	404.1	403.6	404.1	404.2	404.6	404.9
47°	399.8	399.5	399.7	400.0	400.4	400.7
47.5°	395.7	395.3	395.6	395.8	396.0	396.3
48°	391.6	391.3	391.4	391.7	391.8	392.0
48.5°	387.2	386.8	387.1	387.3	387.6	387.6
49°	383.0	382.7	382.7	383.0	383.3	383.4
49.5°	378.5	378.3	378.5	378.6	379.0	379.1
50°	374.2	373.9	374.1	374.5	374.6	374.9
50.5°	369.7	369.1	369.9	369.8	370.1	370.3
51°	365.3	364.9	365.3	365.6	365.7	365.8
51.5°	360.9	360.5	360.7	361.1	361.3	361.5
52°	356.6	356.4	356.5	356.7	356.9	357.1
52.5°	352.2	351.6	352.1	352.2	352.5	352.7
53°	347.8	347.2	347.4	347.6	347.9	348.1
53.5°	343.0	342.6	342.7	343.0	343.3	343.5
54°	338.6	338.2	338.1	338.5	338.7	338.8
54.5°	334.1	333.4	333.7	333.9	334.0	334.3
55°	329.4	328.7	329.2	329.2	329.3	329.6
55.5°	324.9	324.1	324.5	324.4	324.7	325.0
56°	320.4	319.6	319.8	320.0	319.9	320.4
56.5°	315.6	314.9	315.0	315.3	315.3	315.3
57°	311.0	309.8	310.3	310.4	310.6	310.7
57.5°	306.3	305.1	305.6	305.5	305.9	306.0
58°	301.8	300.3	300.7	300.9	301.1	301.2
58.5°	296.8	295.6	296.2	296.2	296.4	296.4
59°	292.1	290.9	291.4	291.5	291.6	291.7
59.5°	287.6	286.2	286.8	286.7	286.9	286.9
60°	282.8	281.4	282.2	281.9	282.0	282.0
60.5°	277.8	276.4	277.2	277.2	277.0	277.1
61°	272.9	271.8	272.3	272.4	272.2	272.3
61.5°	268.1	267.0	267.4	267.5	267.5	267.4
62°	263.6	262.0	262.7	262.6	262.5	262.6
62.5°	258.4	257.1	258.0	257.7	257.5	257.7
63°	253.7	252.3	253.1	252.7	252.7	252.8
63.5°	248.7	247.5	248.1	248.0	247.9	247.9
64°	244.1	242.7	243.3	243.2	243.0	242.9
64.5°	239.2	237.9	238.4	238.4	238.1	238.0
65°	234.2	233.0	233.7	233.6	233.2	233.1
65.5°	229.3	227.9	228.8	228.6	228.3	228.2
66°	224.5	223.1	223.9	223.9	223.4	223.4



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	209.5	208.1	209.1	208.9	208.6	208.6
68°	204.6	203.1	204.0	204.1	203.6	203.7
68.5°	199.5	198.3	199.2	199.0	198.7	198.5
69°	194.7	193.2	194.2	194.1	193.7	193.6
69.5°	189.7	188.3	189.3	189.1	188.6	188.8
70°	185.0	183.3	184.4	184.2	183.7	183.6
70.5°	180.0	178.3	179.4	179.3	178.7	178.6
71°	175.1	173.3	174.4	174.2	173.7	173.6
71.5°	170.1	168.6	169.4	169.1	168.7	168.6
72°	165.2	163.6	164.5	164.2	163.7	163.6
72.5°	160.4	158.7	159.6	159.4	158.8	158.6
73°	155.6	154.0	155.0	154.8	153.9	153.8
73.5°	150.6	149.2	150.0	149.8	149.0	148.8
74°	145.9	144.3	145.2	144.9	144.0	143.9
74.5°	141.1	139.4	140.4	140.1	139.2	139.0
75°	136.3	134.6	135.7	135.2	134.4	134.2
75.5°	131.5	129.7	130.7	130.3	129.6	129.2
76°	126.6	124.9	125.8	125.6	124.6	124.4
76.5°	121.9	120.1	121.2	120.8	119.8	119.5
77°	117.1	115.3	116.3	115.9	114.9	114.8
77.5°	112.6	110.6	111.6	111.2	110.3	110.0
78°	107.9	105.9	106.9	106.4	105.5	105.2
78.5°	103.1	101.3	102.1	101.7	100.7	100.6
79°	98.5	96.6	97.5	97.0	95.9	95.9
79.5°	94.0	91.8	92.8	92.1	91.2	91.1
80°	89.4	87.3	88.3	87.6	86.6	86.5
80.5°	84.8	82.8	83.6	83.2	82.2	81.9
81°	80.4	78.3	78.9	78.7	77.5	77.3
81.5°	75.7	73.7	74.3	73.9	72.9	72.7
82°	71.1	69.2	69.8	69.3	68.2	68.2
82.5°	66.6	64.7	65.2	64.8	63.5	63.7
83°	62.2	60.3	60.7	60.3	59.2	59.0
83.5°	57.8	55.9	56.0	55.8	54.8	54.6
84°	53.5	51.5	51.7	51.5	50.3	50.3
84.5°	49.2	47.2	47.1	46.9	45.8	45.9
85°	44.8	42.9	43.0	42.5	41.6	41.5
85.5°	40.6	38.5	38.5	38.3	37.4	37.2
86°	36.3	34.2	34.2	34.0	33.0	32.9
86.5°	32.0	29.9	29.9	29.6	28.8	28.8
87°	27.9	25.7	25.7	25.5	24.8	24.7
87.5°	23.6	21.5	21.9	21.4	21.0	20.8
88°	19.6	17.7	17.7	17.5	16.9	16.8
88.5°	15.4	13.5	13.7	13.4	13.0	12.7



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	3.5	1.2	1.6	1.7	1.6	1.4
90.5°	0.3	0.0	0.1	0.1	0.0	0.1
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.1
107.5°	0.0	0.0	0.0	0.0	0.0	0.1
108°	0.0	0.0	0.0	0.0	0.0	0.1
108.5°	0.0	0.0	0.0	0.0	0.0	0.1
109°	0.0	0.0	0.1	0.0	0.1	0.2
109.5°	0.0	0.0	0.1	0.0	0.1	0.0
110°	0.0	0.0	0.1	0.0	0.1	0.1
110.5°	0.0	0.0	0.1	0.0	0.2	0.2
111°	0.0	0.0	0.2	0.1	0.1	0.2



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.2	0.0	0.1	0.2
113°	0.0	0.0	0.1	0.0	0.1	0.2
113.5°	0.0	0.0	0.1	0.0	0.1	0.2
114°	0.0	0.1	0.1	0.0	0.1	0.2
114.5°	0.0	0.0	0.1	0.0	0.1	0.2
115°	0.0	0.1	0.1	0.0	0.1	0.2
115.5°	0.0	0.1	0.1	0.0	0.1	0.2
116°	0.0	0.1	0.1	0.0	0.1	0.1
116.5°	0.0	0.1	0.1	0.0	0.1	0.0
117°	0.0	0.1	0.1	0.0	0.1	0.0
117.5°	0.0	0.1	0.1	0.0	0.1	0.0
118°	0.0	0.1	0.1	0.0	0.1	0.0
118.5°	0.0	0.1	0.1	0.1	0.1	0.0
119°	0.0	0.1	0.1	0.1	0.1	0.0
119.5°	0.0	0.1	0.1	0.1	0.1	0.0
120°	0.0	0.1	0.1	0.1	0.1	0.0
120.5°	0.0	0.1	0.1	0.1	0.1	0.0
121°	0.0	0.1	0.1	0.1	0.1	0.0
121.5°	0.0	0.1	0.1	0.1	0.1	0.0
122°	0.1	0.1	0.1	0.1	0.1	0.0
122.5°	0.0	0.1	0.1	0.1	0.1	0.0
123°	0.1	0.1	0.1	0.1	0.1	0.0
123.5°	0.1	0.1	0.1	0.1	0.1	0.0
124°	0.0	0.1	0.1	0.1	0.1	0.0
124.5°	0.2	0.1	0.1	0.1	0.1	0.0
125°	0.1	0.1	0.1	0.1	0.1	0.0
125.5°	0.1	0.1	0.1	0.1	0.1	0.0
126°	0.1	0.1	0.1	0.1	0.1	0.0
126.5°	0.1	0.1	0.1	0.1	0.1	0.0
127°	0.1	0.1	0.1	0.1	0.1	0.0
127.5°	0.1	0.1	0.1	0.1	0.1	0.0
128°	0.1	0.1	0.1	0.1	0.1	0.0
128.5°	0.2	0.1	0.1	0.1	0.1	0.0
129°	0.2	0.1	0.1	0.1	0.1	0.0
129.5°	0.1	0.1	0.1	0.1	0.1	0.0
130°	0.1	0.1	0.1	0.1	0.1	0.0
130.5°	0.1	0.1	0.1	0.1	0.1	0.0
131°	0.1	0.1	0.1	0.1	0.1	0.0
131.5°	0.2	0.1	0.1	0.1	0.1	0.0
132°	0.2	0.1	0.1	0.1	0.1	0.0
132.5°	0.2	0.1	0.1	0.1	0.1	0.0
133°	0.2	0.1	0.1	0.1	0.1	0.0
133.5°	0.2	0.1	0.1	0.1	0.1	0.0



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.2	0.1	0.1	0.1	0.1	0.0
135.5°	0.2	0.1	0.1	0.1	0.1	0.0
136°	0.2	0.1	0.1	0.1	0.1	0.0
136.5°	0.2	0.1	0.1	0.1	0.1	0.0
137°	0.2	0.1	0.1	0.1	0.1	0.0
137.5°	0.2	0.1	0.1	0.1	0.1	0.0
138°	0.2	0.1	0.1	0.1	0.1	0.0
138.5°	0.2	0.1	0.1	0.1	0.1	0.0
139°	0.2	0.1	0.1	0.1	0.1	0.0
139.5°	0.2	0.1	0.1	0.1	0.1	0.0
140°	0.2	0.1	0.1	0.1	0.1	0.1
140.5°	0.2	0.1	0.1	0.1	0.1	0.1
141°	0.2	0.1	0.1	0.1	0.1	0.1
141.5°	0.2	0.1	0.1	0.2	0.1	0.1
142°	0.2	0.1	0.1	0.2	0.2	0.1
142.5°	0.2	0.1	0.1	0.2	0.2	0.1
143°	0.2	0.1	0.1	0.2	0.2	0.2
143.5°	0.2	0.1	0.1	0.2	0.3	0.2
144°	0.3	0.1	0.2	0.2	0.3	0.1
144.5°	0.3	0.1	0.2	0.2	0.3	0.2
145°	0.3	0.1	0.2	0.2	0.3	0.1
145.5°	0.3	0.3	0.2	0.2	0.3	0.3
146°	0.3	0.2	0.3	0.2	0.3	0.3
146.5°	0.4	0.2	0.3	0.2	0.3	0.3
147°	0.4	0.3	0.3	0.3	0.4	0.3
147.5°	0.3	0.3	0.3	0.3	0.3	0.3
148°	0.3	0.3	0.3	0.3	0.5	0.3
148.5°	0.3	0.3	0.3	0.5	0.6	0.3
149°	0.3	0.3	0.3	0.4	0.6	0.3
149.5°	0.3	0.5	0.5	0.5	0.7	0.3
150°	0.4	0.5	0.4	0.5	0.7	0.4
150.5°	0.3	0.5	0.5	0.7	0.8	0.5
151°	0.3	0.5	0.5	0.7	0.7	0.5
151.5°	0.5	0.5	0.5	0.8	0.9	0.7
152°	0.5	0.6	0.6	0.9	0.9	0.7
152.5°	0.5	0.6	0.5	0.9	1.0	0.8
153°	0.5	0.6	0.7	1.0	1.0	0.8
153.5°	0.5	0.7	0.8	1.0	1.0	0.9
154°	0.5	0.7	0.9	1.0	1.1	0.9
154.5°	0.5	0.8	0.9	1.1	1.1	1.0
155°	0.6	0.9	0.9	1.1	1.1	1.1
155.5°	0.6	1.0	1.1	1.1	1.1	1.1
156°	0.6	0.9	1.0	1.2	1.1	1.1



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.7	1.0	1.0	1.1	1.1	1.2
158°	0.7	1.0	1.0	1.1	1.1	1.2
158.5°	0.7	1.0	1.0	1.1	1.1	1.2
159°	0.9	1.0	1.1	1.1	1.1	1.2
159.5°	0.9	1.0	1.1	1.1	1.1	1.2
160°	0.9	1.0	1.1	1.1	1.1	1.2
160.5°	0.9	1.0	1.1	1.1	1.1	1.2
161°	0.9	1.0	1.1	1.1	1.1	1.2
161.5°	1.0	1.0	1.1	1.1	1.1	1.2
162°	1.1	1.1	1.1	1.1	1.1	1.2
162.5°	1.1	1.1	1.1	1.1	1.1	1.2
163°	1.1	1.1	1.1	1.1	1.1	1.2
163.5°	1.1	1.1	1.1	1.1	1.1	1.2
164°	1.2	1.1	1.1	1.1	1.1	1.2
164.5°	1.3	1.1	1.1	1.1	1.1	1.2
165°	1.3	1.1	1.1	1.1	1.1	1.2
165.5°	1.3	1.1	1.1	1.1	1.1	1.2
166°	1.3	1.1	1.1	1.1	1.1	1.2
166.5°	1.1	1.1	1.1	1.1	1.1	1.2
167°	1.1	1.1	1.1	1.1	1.1	1.2
167.5°	1.1	1.1	1.1	1.1	1.1	1.2
168°	1.1	1.1	1.1	1.1	1.1	1.2
168.5°	1.1	1.1	1.1	1.1	1.1	1.2
169°	1.1	1.1	1.1	1.1	1.1	1.2
169.5°	1.1	1.1	1.1	1.1	1.1	1.2
170°	1.1	1.1	1.1	1.1	1.1	1.2
170.5°	1.1	1.1	1.1	1.1	1.1	1.2
171°	1.1	1.1	1.1	1.1	1.1	1.2
171.5°	1.1	1.1	1.1	1.1	1.1	1.2
172°	1.1	1.1	1.1	1.1	1.1	1.2
172.5°	1.1	1.1	1.1	1.1	1.1	1.2
173°	1.1	1.1	1.1	1.1	1.1	1.2
173.5°	1.1	1.1	1.1	1.1	1.1	1.2
174°	1.1	1.1	1.1	1.1	1.1	1.2
174.5°	1.1	1.1	1.1	1.1	1.1	1.2
175°	1.1	1.1	1.1	1.1	1.1	1.2
175.5°	1.1	1.1	1.1	1.1	1.1	1.2
176°	1.1	1.1	1.1	1.1	1.1	1.2
176.5°	1.1	1.1	1.1	1.1	1.1	1.2
177°	1.1	1.1	1.1	1.1	1.1	1.2
177.5°	1.1	1.1	1.1	1.1	1.1	1.2
178°	1.1	1.1	1.1	1.1	1.1	1.2
178.5°	1.1	1.1	1.1	1.1	1.1	1.2



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	1.2	1.2	1.2	1.2	1.2	1.2



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180° - - 45°-225° - - - - 90°-270° - · - · 135°-315°







21.5°	569.7	569.9	570.0	569.8	569.8	569.6	568.8	568.3	568.3	568.4	568.9
22°	567.5	567.7	567.8	567.5	567.6	567.2	566.5	566.0	566.2	566.2	566.4



44°	425.3	425.4	425.0	424.3	425.2	424.2	423.3	422.9	422.8	423.4	424.3
44.5°	421.4	421.3	420.9	420.2	421.0	420.4	419.4	418.9	418.9	419.5	420.2



66.5°	218.4	218.5	217.9	217.0	219.4	218.8	218.0	217.5	217.4	218.0	219.0
67°	213.6	213.4	212.9	212.2	214.8	214.0	213.2	212.5	212.6	213.0	214.1



89°	9.1	9.1	8.8	8.8	10.6	10.2	9.9	9.9	10.0	10.6	11.1
89.5°	5.6	5.5	5.4	5.1	6.8	6.4	6.2	6.1	6.3	6.8	7.1



111.5°	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



134°	0.0	0.2	0.1	0.2	0.1	0.1	0.3	0.2	0.3	0.2	0.3
134.5°	0.0	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.2



156.5°	1.2	1.1	1.1	1.1	0.7	0.8	0.7	0.7	0.7	0.8	0.8
157°	1.2	1.1	1.1	1.1	0.8	0.7	0.7	0.7	0.7	0.8	0.8



179°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
179.5°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2





21.5°	568.8	569.6	569.4	569.8	570.0	569.7
22°	566.8	567.3	567.0	567.5	567.6	567.5



44°	424.7	424.3	424.6	424.8	425.2	425.3
44.5°	420.6	420.0	420.7	420.9	421.4	421.4



66.5°	219.5	218.2	219.0	218.8	218.6	218.4
67°	214.6	213.3	214.1	214.1	213.6	213.6



89°	11.2	9.5	9.6	9.4	9.3	9.1
89.5°	7.3	5.5	5.7	5.7	5.7	5.6



111.5°	0.0	0.0	0.2	0.1	0.1	0.1
112°	0.0	0.0	0.1	0.1	0.1	0.1



134°	0.2	0.1	0.1	0.1	0.1	0.0
134.5°	0.2	0.1	0.1	0.1	0.1	0.0



156.5°	0.7	0.9	1.0	1.2	1.1	1.2
157°	0.7	1.0	1.0	1.1	1.1	1.2



179°	1.1	1.1	1.1	1.1	1.1	1.2
179.5°	1.1	1.1	1.1	1.1	1.1	1.2



(END OF REPORT)