

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 09:41:39
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number:
Description: HLB12LS9FSE010MWR 16W
Light Source: -
Ballast/Driver: -

Summary

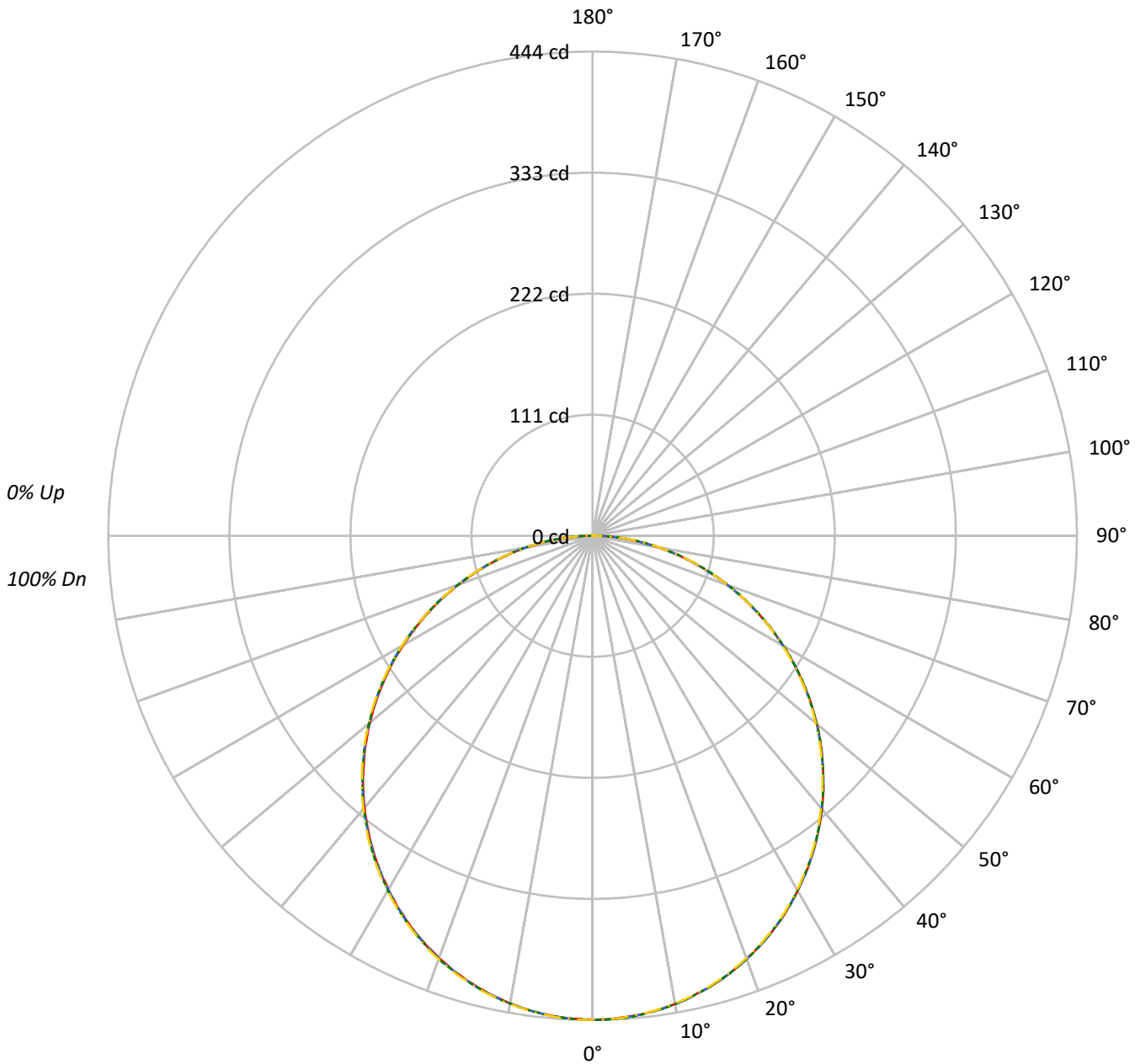
Lumens per Lamp: N/A
Luminaire Lumens: 1305.8 lumens
Efficiency: N/A
Efficacy: 79.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Circular (Dia: 0.3m x H: 0m)
CIE Type: Direct

Input Watts (W): 16.4987
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





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CATALOG NUMBER:

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				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	60	57			
4	82	69	60	54	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	30	25	23			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6074	6074	6074	6074
5°	6070	6077	6069	6072
10°	6059	6061	6051	6052
15°	6041	6045	6028	6036
20°	6015	6013	6003	6011
25°	5983	5979	5967	5977
30°	5942	5937	5919	5936
35°	5900	5890	5870	5892
40°	5845	5836	5813	5831
45°	5781	5774	5747	5765
50°	5713	5712	5674	5697
55°	5629	5630	5590	5618
60°	5525	5534	5490	5513
65°	5402	5425	5375	5396
70°	5252	5282	5230	5247
75°	5058	5119	5055	5077
80°	4851	4944	4881	4907
85°	4576	4845	4729	4747



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.0	3.2
10°-20°	120.2	9.2
20°-30°	182.4	14.0
30°-40°	220.4	16.9
40°-50°	229.9	17.6
50°-60°	210.3	16.1
60°-70°	165.0	12.6
70°-80°	101.7	7.8
80°-90°	33.4	2.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.1	0.0
130°-140°	0.1	0.0
140°-150°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	344.6	26.4
0°-40°	565.0	43.3
0°-60°	1005.2	77.0
0°-90°	1305.3	100.0
90°-120°	0.1	0.0
90°-150°	0.3	0.0
90°-180°	0.0	0.0
0°-180°	1305.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	444	444	444	444	444	
5°	442	442	442	442	442	42
15°	426	427	425	426	426	120
25°	396	396	395	396	396	183
35°	353	353	351	353	353	221
45°	299	298	297	298	299	230
55°	236	236	234	235	236	211
65°	167	168	166	167	167	165
75°	96	97	96	96	96	101
85°	29	31	30	30	29	31
90°	1	2	2	0	1	2
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°	0	0	0	0	0	0
165°	0	0	1	0	0	0
175°	1	0	1	0	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
0.5°	443.7	443.7	443.9	444.2	444.0	443.9	443.8	443.8	443.6	443.7	443.6
1°	443.6	443.9	443.7	444.0	444.0	443.8	443.6	443.6	443.7	443.8	443.7
1.5°	443.6	443.4	443.8	443.9	443.8	443.8	443.5	443.3	443.2	443.4	443.6
2°	443.6	443.6	443.7	443.8	443.8	443.5	443.4	443.4	443.4	443.5	443.2
2.5°	443.2	443.4	443.3	443.8	443.6	443.1	443.4	443.3	443.2	443.2	443.1
3°	442.9	443.3	443.1	443.6	443.4	443.1	443.2	443.0	443.1	443.2	443.0
3.5°	442.6	443.0	442.9	443.3	443.2	442.8	443.0	442.7	442.5	442.9	442.8
4°	442.3	442.9	442.7	442.8	443.0	442.5	442.3	442.7	442.4	442.7	442.3
4.5°	441.9	442.2	442.2	442.5	442.8	442.1	442.1	442.2	442.2	442.2	442.0
5°	441.8	442.0	441.9	442.2	442.3	441.7	441.5	441.7	441.8	442.0	441.7
5.5°	441.2	441.8	441.6	441.8	441.6	441.4	441.4	441.4	441.1	441.5	441.1
6°	440.9	441.4	441.2	441.4	441.1	440.8	440.8	440.9	440.9	441.3	440.7
6.5°	440.4	440.6	440.6	440.8	440.6	440.3	440.4	440.3	440.1	440.4	440.1
7°	439.9	440.2	440.2	440.2	440.1	439.9	439.7	439.6	439.8	440.0	439.6
7.5°	439.4	439.7	439.4	439.4	439.6	439.4	439.1	439.1	439.1	439.3	439.1
8°	438.6	439.2	438.9	439.0	438.9	438.6	438.4	438.4	438.5	438.7	438.5
8.5°	438.1	438.4	438.4	438.4	438.2	438.0	438.0	437.6	437.8	437.9	437.9
9°	437.3	437.8	437.6	437.6	437.7	437.4	437.0	437.2	437.1	437.3	437.2
9.5°	436.6	436.9	436.7	436.9	436.8	436.5	436.5	436.4	436.2	436.5	436.4
10°	436.0	436.2	436.2	436.2	436.1	435.7	435.3	435.4	435.4	435.8	435.6
10.5°	435.1	435.3	435.5	435.2	435.1	435.0	434.8	434.6	434.7	434.7	434.8
11°	434.2	434.7	434.5	434.4	434.3	434.1	433.9	433.8	433.5	434.1	433.8
11.5°	433.4	433.6	433.6	433.7	433.6	433.2	433.0	432.8	432.8	433.2	433.1
12°	432.7	432.8	432.7	432.8	432.4	432.3	432.0	432.0	432.0	431.9	432.0
12.5°	431.5	431.6	431.7	431.7	431.5	431.2	431.1	431.0	430.9	430.7	431.2
13°	430.4	430.8	430.5	430.7	430.6	430.4	430.0	430.1	430.0	430.1	429.9
13.5°	429.3	429.7	429.7	429.8	429.4	429.3	429.1	428.9	428.6	429.1	429.2
14°	428.6	428.7	428.6	428.5	428.7	428.1	428.2	427.8	427.8	428.3	428.0
14.5°	427.4	427.6	427.4	427.6	427.7	427.1	427.1	426.6	426.7	427.0	427.1
15°	426.3	426.5	426.3	426.5	426.6	425.9	425.7	425.7	425.4	425.8	425.8
15.5°	425.0	425.5	425.2	425.2	425.0	424.9	424.4	424.7	424.3	424.7	424.6
16°	424.0	424.3	424.0	424.1	424.0	423.6	423.4	423.2	423.1	423.6	423.3
16.5°	422.8	422.8	423.0	422.8	422.7	422.5	421.9	421.9	421.7	422.3	422.2
17°	421.6	421.7	421.4	421.5	421.5	421.2	420.9	420.7	420.6	420.8	420.9
17.5°	420.1	420.4	420.0	420.3	420.4	419.9	419.6	419.2	419.4	419.4	419.5
18°	418.7	418.8	418.7	419.0	418.7	418.2	418.1	418.0	418.0	418.0	418.1
18.5°	417.3	417.4	417.4	417.4	417.4	417.0	416.6	416.6	416.4	416.6	416.8
19°	415.9	416.4	415.9	415.9	415.8	415.5	415.2	415.2	414.9	415.4	415.1
19.5°	414.2	414.7	414.7	414.7	414.4	414.3	413.5	413.3	413.3	413.7	413.7
20°	413.0	413.3	413.2	413.2	412.8	412.6	412.4	412.1	412.1	412.1	412.3
20.5°	411.2	411.8	411.5	411.6	411.4	411.3	410.8	410.6	410.3	411.0	410.9
21°	409.9	410.2	410.0	410.0	410.2	409.5	409.3	408.8	408.6	409.2	409.3



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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°
22.5°	404.7	405.2	405.1	405.3	404.8	404.6	404.3	403.9	403.8	404.3	404.4
23°	403.1	403.7	403.4	403.4	403.4	402.9	402.7	402.1	402.2	402.5	402.5
23.5°	401.7	401.7	401.6	401.9	401.6	401.2	400.7	400.2	400.3	400.7	400.9
24°	399.8	400.0	400.0	399.9	399.9	399.4	399.3	398.5	398.6	398.8	398.9
24.5°	398.0	398.1	397.9	398.0	397.8	397.5	397.2	396.7	396.7	397.2	397.4
25°	396.1	396.5	396.1	396.2	395.9	395.7	395.5	395.1	395.1	395.0	395.3
25.5°	394.4	394.7	394.1	394.2	394.2	393.8	393.5	392.9	393.0	393.4	393.5
26°	392.5	392.6	392.4	392.2	392.4	392.0	391.7	391.2	391.1	391.3	391.7
26.5°	390.5	390.8	390.6	390.3	390.2	390.0	389.7	389.3	389.1	389.4	389.6
27°	388.6	388.9	388.5	388.3	388.3	387.9	387.6	387.2	387.2	387.2	387.5
27.5°	386.4	386.9	386.4	386.1	386.3	386.1	385.6	385.3	385.2	385.4	385.6
28°	384.5	384.7	384.4	384.3	384.2	384.1	383.4	383.2	383.3	383.3	383.4
28.5°	382.3	382.7	382.4	382.1	382.2	381.8	381.4	381.1	380.8	381.5	381.3
29°	380.3	380.6	380.1	380.1	380.0	379.6	379.4	379.0	378.9	379.1	379.2
29.5°	378.1	378.3	378.2	378.1	378.0	377.7	377.3	376.9	376.8	377.1	377.1
30°	376.0	376.1	376.1	376.0	375.7	375.4	374.9	374.5	374.5	374.8	374.8
30.5°	373.8	374.1	373.8	373.6	373.5	373.4	372.9	372.4	372.2	372.6	372.7
31°	371.6	371.7	371.4	371.3	371.1	371.1	370.5	370.2	369.9	370.3	370.5
31.5°	369.3	369.6	369.3	369.2	368.8	368.6	368.2	368.0	368.0	368.0	368.2
32°	367.2	367.2	367.1	366.8	366.5	366.4	365.9	365.5	365.5	365.9	365.8
32.5°	365.0	365.0	364.9	364.4	364.4	364.3	363.6	363.2	363.2	363.4	363.5
33°	362.5	362.5	362.4	362.0	362.1	361.9	361.4	360.8	360.7	361.1	361.3
33.5°	360.2	360.3	360.0	359.6	359.7	359.4	359.1	358.7	358.7	358.8	359.1
34°	357.8	357.9	357.5	357.4	357.4	357.0	356.8	356.4	356.1	356.5	356.9
34.5°	355.4	355.5	355.2	355.1	355.1	354.5	354.4	353.9	353.8	354.1	354.4
35°	353.1	353.0	352.8	352.6	352.5	352.3	351.8	351.3	351.3	351.5	351.9
35.5°	350.6	350.5	350.3	350.0	350.2	349.9	349.6	349.2	348.8	349.1	349.4
36°	348.0	348.1	347.7	347.4	347.7	347.3	346.8	346.4	346.4	346.6	347.0
36.5°	345.6	345.6	345.1	345.1	345.2	344.8	344.3	343.9	344.0	344.3	344.6
37°	343.2	343.0	342.6	342.3	342.4	342.2	341.6	341.4	341.1	341.4	341.8
37.5°	340.3	340.4	340.0	339.9	340.0	339.3	339.2	338.7	338.7	339.0	339.2
38°	337.7	337.6	337.5	337.1	337.5	336.9	336.5	336.0	335.9	336.4	336.5
38.5°	335.2	335.1	334.7	334.4	334.8	334.2	334.1	333.3	333.3	334.0	333.9
39°	332.5	332.6	332.0	331.7	332.0	331.6	331.0	330.7	330.7	331.5	331.4
39.5°	329.9	329.7	329.4	329.2	329.4	328.9	328.5	328.0	328.3	328.5	328.7
40°	327.1	326.9	326.6	326.4	326.6	326.3	325.9	325.4	325.3	325.9	326.0
40.5°	324.5	324.3	323.9	323.8	323.9	323.5	323.1	322.8	322.6	323.1	323.5
41°	321.7	321.5	321.3	320.9	321.0	320.8	320.4	319.7	319.7	320.4	320.5
41.5°	318.7	318.9	318.5	318.2	318.5	317.9	317.7	317.0	317.2	317.5	317.9
42°	316.1	316.1	315.6	315.4	315.5	314.9	314.8	314.4	314.3	314.6	315.1
42.5°	313.4	313.3	312.9	312.5	312.9	312.4	311.9	311.5	311.6	312.0	312.3
43°	310.4	310.3	309.9	309.5	309.9	309.6	309.1	308.8	308.7	309.2	309.4
43.5°	307.3	307.5	307.1	306.8	307.1	306.6	306.0	305.7	305.8	306.2	306.6



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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°	298.7	298.6	298.3	297.8	298.3	297.8	297.4	297.0	296.9	297.2	297.8
45.5°	295.6	295.5	295.4	295.0	295.6	295.0	294.5	294.0	293.9	294.3	294.7
46°	292.8	292.7	292.3	292.1	292.5	292.0	291.5	291.1	290.9	291.3	291.8
46.5°	289.8	289.6	289.5	289.3	289.7	289.0	288.7	288.1	288.1	288.3	289.1
47°	286.8	286.5	286.4	286.3	286.8	286.1	285.7	285.3	285.1	285.5	286.0
47.5°	283.8	283.5	283.5	283.2	283.9	282.9	282.5	282.1	282.0	282.4	282.9
48°	280.8	280.7	280.3	280.2	280.6	279.9	279.6	279.1	278.8	279.3	279.8
48.5°	277.6	277.4	277.3	277.1	277.9	277.0	276.4	276.0	275.8	276.1	276.9
49°	274.7	274.5	274.2	274.0	274.3	273.8	273.2	273.0	272.8	272.9	273.8
49.5°	271.5	271.1	271.1	270.8	271.4	270.6	270.2	269.8	269.7	270.0	270.8
50°	268.3	268.1	267.7	267.6	268.2	267.6	266.9	266.5	266.5	266.6	267.5
50.5°	265.1	264.8	264.5	264.3	265.0	264.4	263.8	263.1	263.3	263.5	264.3
51°	261.9	261.8	261.4	261.0	261.7	261.1	260.8	260.1	260.1	260.4	260.9
51.5°	258.9	258.6	258.4	257.8	258.7	258.2	257.7	256.9	257.0	257.3	257.9
52°	255.6	255.4	255.1	254.7	255.5	255.0	254.5	254.0	253.7	254.2	254.7
52.5°	252.4	252.3	251.8	251.6	252.2	251.8	251.2	250.6	250.5	251.1	251.6
53°	249.1	249.1	248.6	248.2	249.1	248.5	248.0	247.5	247.5	247.7	248.4
53.5°	245.8	245.5	245.4	244.9	245.9	245.5	244.7	244.0	244.1	244.5	245.3
54°	242.7	242.4	242.0	241.7	242.4	241.9	241.2	240.9	240.7	241.2	241.9
54.5°	239.4	239.1	238.7	238.4	239.2	238.7	237.9	237.6	237.7	238.0	238.7
55°	235.9	235.7	235.3	235.1	235.9	235.4	234.5	234.4	234.3	234.5	235.3
55.5°	232.3	232.3	231.9	231.7	232.7	231.7	231.3	230.9	231.0	231.4	232.1
56°	229.2	229.2	228.5	228.3	229.1	228.5	227.9	227.7	227.5	228.2	228.7
56.5°	225.9	225.6	225.3	225.0	225.8	225.2	224.5	224.3	224.4	224.8	225.5
57°	222.4	222.1	221.9	221.7	222.5	222.0	221.3	221.1	221.1	221.5	222.1
57.5°	219.1	219.0	218.6	218.4	219.3	218.4	218.0	217.8	217.7	218.1	218.9
58°	215.7	215.5	215.1	214.8	215.9	215.3	214.6	214.6	214.4	214.7	215.6
58.5°	212.1	212.1	211.7	211.4	212.6	212.0	211.2	211.1	210.9	211.4	212.1
59°	208.7	208.7	208.3	208.0	209.0	208.4	208.0	207.5	207.4	207.8	208.7
59.5°	205.3	205.3	204.8	204.6	205.7	205.1	204.4	203.9	204.0	204.6	205.4
60°	201.9	201.9	201.4	201.0	202.2	201.8	201.1	200.7	200.5	201.0	201.7
60.5°	198.2	198.1	198.0	197.4	198.9	198.2	197.6	197.1	197.0	197.6	198.3
61°	194.9	194.8	194.6	194.0	195.3	194.8	194.3	193.6	193.7	194.3	194.9
61.5°	191.4	191.2	191.2	190.7	192.0	191.3	190.8	190.3	190.1	190.9	191.4
62°	188.0	188.0	187.6	187.2	188.5	187.8	187.4	187.0	186.7	187.4	188.0
62.5°	184.4	184.5	184.1	183.6	185.1	184.4	184.1	183.5	183.4	184.0	184.6
63°	181.0	180.9	180.7	180.2	181.4	181.0	180.6	180.0	179.9	180.5	181.0
63.5°	177.4	177.4	177.2	176.5	177.9	177.4	177.0	176.4	176.5	177.0	177.7
64°	173.9	173.9	173.6	173.3	174.6	173.9	173.5	173.1	172.9	173.5	174.2
64.5°	170.3	170.4	170.1	169.6	171.0	170.4	170.0	169.6	169.5	170.0	170.7
65°	166.8	166.8	166.4	166.0	167.5	166.9	166.5	166.1	166.0	166.5	167.0
65.5°	163.2	163.2	162.9	162.3	163.9	163.4	163.0	162.4	162.5	163.0	163.7
66°	159.7	159.5	159.2	158.9	160.4	160.0	159.5	159.0	159.0	159.6	160.0



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	149.1	149.2	148.8	148.5	150.0	149.5	149.1	148.5	148.5	149.0	149.5
68°	145.7	145.7	145.3	144.9	146.4	145.9	145.6	144.9	144.8	145.5	145.9
68.5°	142.1	142.2	141.7	141.4	142.9	142.4	142.0	141.4	141.5	141.9	142.5
69°	138.5	138.5	138.2	137.7	139.3	139.0	138.4	137.8	137.7	138.5	138.9
69.5°	134.8	134.9	134.6	134.3	135.7	135.3	134.7	134.2	134.3	134.7	135.4
70°	131.2	131.3	130.9	130.6	132.0	131.7	131.2	130.7	130.7	131.2	131.7
70.5°	127.7	127.7	127.4	127.2	128.7	128.2	127.7	127.1	127.3	127.8	128.2
71°	124.2	124.1	123.8	123.5	125.1	124.7	124.3	123.5	123.7	124.2	124.7
71.5°	120.7	120.7	120.4	120.0	121.7	121.2	120.8	120.1	120.2	120.7	121.2
72°	116.9	117.1	116.7	116.4	118.0	117.7	117.1	116.5	116.7	117.3	117.7
72.5°	113.3	113.4	113.2	112.8	114.5	114.2	113.7	113.0	113.3	113.6	114.3
73°	109.8	109.9	109.5	109.2	110.9	110.5	110.1	109.5	109.8	110.1	110.6
73.5°	106.3	106.3	106.0	105.7	107.3	106.9	106.7	106.0	106.2	106.7	107.2
74°	102.6	102.7	102.4	102.2	103.9	103.6	103.0	102.4	102.5	103.2	103.7
74.5°	99.2	99.2	98.9	98.7	100.2	100.0	99.4	99.0	99.2	99.8	100.3
75°	95.7	95.7	95.5	95.2	96.8	96.6	96.0	95.5	95.6	96.3	96.8
75.5°	92.2	92.3	92.0	91.7	93.2	93.0	92.7	92.0	92.2	92.8	93.4
76°	88.8	88.8	88.5	88.4	89.8	89.7	89.2	88.5	88.9	89.3	89.9
76.5°	85.5	85.3	85.1	85.0	86.4	86.2	85.8	85.1	85.4	85.9	86.5
77°	82.0	82.0	81.7	81.5	83.1	82.7	82.3	81.7	82.1	82.6	83.1
77.5°	78.6	78.5	78.4	78.2	79.5	79.5	78.9	78.4	78.7	79.2	79.7
78°	75.2	75.2	75.0	74.7	76.2	76.2	75.6	75.0	75.2	75.8	76.4
78.5°	71.8	71.6	71.6	71.4	72.9	72.6	72.1	71.6	71.9	72.4	72.9
79°	68.4	68.3	68.4	68.1	69.3	69.3	68.6	68.3	68.5	69.0	69.5
79.5°	65.0	65.0	64.9	64.7	66.1	66.0	65.4	64.9	65.1	65.7	66.2
80°	61.5	61.6	61.6	61.3	62.7	62.5	62.1	61.6	61.9	62.4	62.8
80.5°	58.4	58.4	58.3	58.1	59.3	59.3	58.9	58.3	58.5	59.0	59.4
81°	55.1	55.0	54.9	54.9	56.2	56.1	55.6	55.1	55.3	55.8	56.3
81.5°	51.8	51.8	51.7	51.7	53.1	52.9	52.5	51.8	52.2	52.6	53.3
82°	48.5	48.5	48.4	48.3	49.8	49.6	49.0	48.6	48.9	49.3	50.0
82.5°	45.2	45.3	45.1	45.0	46.5	46.4	45.8	45.4	45.7	46.3	46.7
83°	42.1	41.9	41.9	41.8	43.4	43.3	42.9	42.2	42.5	43.1	43.6
83.5°	38.8	38.6	38.6	38.6	40.3	40.0	39.6	39.1	39.5	39.9	40.4
84°	35.7	35.4	35.3	35.5	37.1	36.9	36.5	35.9	36.3	36.7	37.3
84.5°	32.4	32.4	32.3	32.4	34.0	33.9	33.3	32.9	33.3	33.7	34.3
85°	29.1	29.2	29.1	29.1	30.9	30.7	30.4	29.9	30.1	30.6	31.3
85.5°	26.1	26.0	26.1	26.1	27.8	27.6	27.2	26.8	27.1	27.7	28.1
86°	23.2	22.9	22.9	22.9	24.8	24.7	24.2	24.0	24.2	24.7	25.2
86.5°	20.2	20.2	20.0	20.3	21.9	21.6	21.2	21.0	21.3	21.7	22.2
87°	17.1	17.2	17.3	17.2	19.1	18.9	18.4	18.2	18.5	18.9	19.4
87.5°	14.2	14.3	14.2	14.1	16.2	15.9	15.5	15.3	15.6	16.1	16.5
88°	11.4	11.4	11.3	11.2	13.4	13.0	12.7	12.6	12.8	13.2	13.6
88.5°	8.6	8.7	8.6	8.5	10.6	10.2	9.9	9.8	10.0	10.5	10.7



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.6	0.5	0.4	0.2	2.1	1.9	1.8	1.9	1.9	2.1	2.3
90.5°	0.0	0.0	0.0	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	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.2	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.1	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.1	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.1	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.1	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.1	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.1	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.1	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.1	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5°	0.1	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.1	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0
133°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.5°	0.2	0.1	0.2	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°
135°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0
136°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0
136.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0
137.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0
138°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
141°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0
141.5°	0.2	0.1	0.2	0.2	0.0	0.1	0.0	0.1	0.1	0.0	0.0
142°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.1
142.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.1
143°	0.2	0.1	0.2	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.0
143.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.1	0.1	0.1	0.0	0.0
144°	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0
144.5°	0.2	0.1	0.2	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0
145°	0.2	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0
145.5°	0.2	0.1	0.2	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.1
146°	0.2	0.1	0.2	0.2	0.0	0.1	0.0	0.2	0.1	0.0	0.0
146.5°	0.2	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.2
147°	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1
147.5°	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0
148°	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0
148.5°	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.0
149°	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2
149.5°	0.2	0.1	0.2	0.2	0.1	0.0	0.1	0.2	0.1	0.1	0.0
150°	0.2	0.1	0.2	0.2	0.1	0.0	0.1	0.2	0.1	0.3	0.0
150.5°	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.3	0.0
151°	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.1	0.3	0.0
151.5°	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.1	0.3	0.1
152°	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.1	0.3	0.1
152.5°	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.3	0.2	0.3	0.2
153°	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.2	0.3	0.2
153.5°	0.2	0.1	0.2	0.2	0.3	0.2	0.1	0.3	0.3	0.3	0.2
154°	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.3	0.3	0.3	0.2
154.5°	0.2	0.1	0.2	0.2	0.2	0.3	0.0	0.3	0.3	0.3	0.2
155°	0.2	0.1	0.2	0.2	0.3	0.3	0.0	0.3	0.3	0.3	0.3
155.5°	0.2	0.1	0.2	0.2	0.3	0.3	0.2	0.3	0.4	0.3	0.3
156°	0.2	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3



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°	0.2	0.1	0.2	0.2	0.4	0.3	0.3	0.3	0.4	0.3	0.3
158°	0.2	0.1	0.2	0.2	0.4	0.3	0.2	0.3	0.4	0.3	0.3
158.5°	0.2	0.1	0.2	0.2	0.5	0.3	0.2	0.3	0.5	0.3	0.3
159°	0.2	0.1	0.2	0.2	0.4	0.3	0.4	0.3	0.5	0.5	0.5
159.5°	0.2	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.5	0.5	0.5
160°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.5	0.4	0.4
160.5°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.4	0.4
161°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.4	0.4
161.5°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.4	0.5
162°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.7	0.4	0.5
162.5°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.4	0.5
163°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.5	0.5
163.5°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.5	0.5
164°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.5	0.5
164.5°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.5	0.6
165°	0.3	0.1	0.2	0.2	0.5	0.3	0.4	0.3	0.6	0.5	0.6
165.5°	0.3	0.1	0.2	0.2	0.5	0.3	0.5	0.3	0.6	0.6	0.6
166°	0.3	0.2	0.2	0.2	0.5	0.3	0.6	0.3	0.6	0.5	0.6
166.5°	0.3	0.2	0.2	0.2	0.5	0.3	0.6	0.3	0.6	0.5	0.6
167°	0.3	0.2	0.2	0.2	0.5	0.3	0.6	0.3	0.6	0.7	0.7
167.5°	0.3	0.3	0.2	0.2	0.5	0.3	0.7	0.3	0.6	0.6	0.7
168°	0.3	0.3	0.2	0.3	0.5	0.3	0.7	0.3	0.6	0.7	0.7
168.5°	0.3	0.3	0.2	0.3	0.5	0.3	0.7	0.3	0.6	0.7	0.7
169°	0.3	0.3	0.2	0.3	0.5	0.3	0.7	0.3	0.6	0.7	0.7
169.5°	0.3	0.3	0.2	0.3	0.5	0.3	0.7	0.3	0.6	0.7	0.7
170°	0.5	0.4	0.3	0.3	0.5	0.3	0.7	0.3	0.6	0.7	0.7
170.5°	0.8	0.4	0.3	0.3	0.5	0.3	0.7	0.3	0.6	0.7	0.7
171°	0.9	0.5	0.3	0.3	0.5	0.3	0.8	0.3	0.6	0.7	0.7
171.5°	0.9	0.6	0.3	0.6	0.5	0.3	0.8	0.3	0.6	0.7	0.7
172°	0.8	0.7	0.3	0.6	0.5	0.3	0.8	0.3	0.6	0.7	0.7
172.5°	0.8	0.7	0.3	0.6	0.5	0.3	0.8	0.3	0.6	0.7	0.7
173°	0.8	0.6	0.3	0.7	0.5	0.3	0.7	0.4	0.6	0.7	0.7
173.5°	0.8	0.6	0.3	0.8	0.5	0.3	0.7	0.4	0.6	0.7	0.7
174°	0.8	0.7	0.3	0.8	0.5	0.2	0.7	0.3	0.6	0.7	0.7
174.5°	0.8	0.7	0.3	0.8	0.5	0.2	0.7	0.3	0.6	0.7	0.7
175°	0.8	0.8	0.3	0.8	0.5	0.3	0.6	0.3	0.6	0.7	0.7
175.5°	0.7	0.9	0.3	0.8	0.5	0.2	0.6	0.3	0.6	0.7	0.7
176°	0.7	0.9	0.3	0.8	0.5	0.2	0.5	0.3	0.6	0.7	0.7
176.5°	0.7	0.9	0.3	0.8	0.5	0.2	0.5	0.3	0.6	0.7	0.7
177°	0.7	0.7	0.3	0.8	0.5	0.2	0.5	0.3	0.6	0.7	0.7
177.5°	0.7	0.7	0.3	0.8	0.5	0.2	0.5	0.3	0.6	0.7	0.8
178°	0.7	0.7	0.3	0.8	0.5	0.2	0.5	0.3	0.6	0.7	0.7
178.5°	0.7	0.6	0.3	0.8	0.5	0.2	0.4	0.3	0.6	0.7	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°
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	443.8	443.8	443.8	443.8	443.8	443.8
0.5°	443.9	443.9	443.6	443.9	443.8	443.7
1°	444.0	443.8	443.9	444.0	444.1	443.6
1.5°	443.8	443.5	443.8	443.8	443.6	443.6
2°	443.6	443.5	443.5	443.5	443.3	443.6
2.5°	443.4	443.3	443.3	443.4	443.4	443.2
3°	443.3	443.4	443.1	443.2	442.9	442.9
3.5°	443.0	442.8	442.8	443.1	442.9	442.6
4°	442.6	442.7	442.8	442.7	442.7	442.3
4.5°	442.3	442.2	442.3	442.5	442.3	441.9
5°	441.8	441.9	441.9	442.0	441.7	441.8
5.5°	441.3	441.4	441.7	441.5	441.7	441.2
6°	440.8	441.1	441.4	441.0	441.1	440.9
6.5°	440.1	440.3	440.7	440.8	440.5	440.4
7°	439.7	439.9	440.0	440.1	439.8	439.9
7.5°	439.2	439.2	439.6	439.4	439.7	439.4
8°	438.6	438.6	438.9	438.8	438.7	438.6
8.5°	438.1	437.8	438.1	438.3	438.2	438.1
9°	437.0	437.3	437.6	437.4	437.4	437.3
9.5°	436.5	436.3	436.8	436.7	436.9	436.6
10°	435.7	435.5	435.9	436.3	436.0	436.0
10.5°	435.0	434.9	435.2	435.3	435.2	435.1
11°	434.0	434.1	434.5	434.4	434.3	434.2
11.5°	433.2	433.3	433.7	433.7	433.3	433.4
12°	432.5	432.4	432.5	432.5	432.5	432.7
12.5°	431.2	431.4	431.6	431.5	431.7	431.5
13°	430.2	430.3	430.5	430.8	430.6	430.4
13.5°	429.2	429.2	429.5	429.7	429.5	429.3
14°	427.9	428.3	428.5	428.4	428.5	428.6
14.5°	427.0	427.0	427.5	427.2	427.3	427.4
15°	426.0	426.0	426.2	426.3	426.3	426.3
15.5°	424.9	424.9	424.8	425.3	425.3	425.0
16°	423.6	423.6	423.8	423.7	424.0	424.0
16.5°	422.3	422.3	422.6	422.8	422.8	422.8
17°	421.2	420.9	421.2	421.5	421.3	421.6
17.5°	419.7	419.7	419.9	420.2	420.2	420.1
18°	418.4	418.3	418.5	418.9	418.5	418.7
18.5°	416.9	417.0	417.3	417.3	417.2	417.3
19°	415.5	415.8	415.5	416.0	415.5	415.9
19.5°	414.1	414.4	414.3	414.8	414.2	414.2
20°	412.5	412.7	412.6	413.0	412.9	413.0
20.5°	410.8	411.0	411.5	411.7	411.3	411.2
21°	409.3	409.6	409.8	410.1	409.8	409.9



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	404.4	404.6	404.9	405.3	405.1	404.7
23°	402.8	402.6	402.9	403.3	403.2	403.1
23.5°	401.1	401.0	401.3	401.9	401.3	401.7
24°	399.3	399.2	399.6	399.9	399.6	399.8
24.5°	397.3	397.3	397.8	398.0	398.0	398.0
25°	395.5	395.8	395.9	396.0	396.0	396.1
25.5°	393.6	393.7	394.1	394.2	394.1	394.4
26°	391.8	391.9	392.1	392.3	392.3	392.5
26.5°	389.8	389.8	390.3	390.6	390.5	390.5
27°	387.9	388.1	388.3	388.3	388.7	388.6
27.5°	385.9	385.9	386.3	386.4	386.6	386.4
28°	384.1	383.9	384.2	384.3	384.4	384.5
28.5°	381.6	381.7	382.0	382.3	382.2	382.3
29°	379.8	379.7	380.0	380.4	380.2	380.3
29.5°	377.6	377.6	378.0	378.1	378.4	378.1
30°	375.4	375.6	376.0	376.1	376.2	376.0
30.5°	373.1	373.1	373.6	374.0	373.9	373.8
31°	371.1	371.1	371.3	371.5	371.8	371.6
31.5°	368.6	368.9	369.0	369.6	369.4	369.3
32°	366.5	366.7	366.8	367.4	367.1	367.2
32.5°	364.2	364.4	364.6	364.9	364.8	365.0
33°	361.9	361.9	362.3	362.7	362.5	362.5
33.5°	359.6	359.6	359.8	360.3	360.3	360.2
34°	357.4	357.4	357.5	357.9	357.9	357.8
34.5°	355.1	355.0	355.3	355.5	355.6	355.4
35°	352.6	352.6	352.8	353.1	353.1	353.1
35.5°	350.2	350.0	350.4	350.6	351.1	350.6
36°	347.8	347.4	348.0	348.1	348.2	348.0
36.5°	345.1	344.9	345.5	345.7	345.6	345.6
37°	342.5	342.3	342.6	343.1	343.1	343.2
37.5°	339.9	339.8	340.0	340.4	340.6	340.3
38°	337.4	336.9	337.6	337.6	337.7	337.7
38.5°	334.7	334.5	334.8	335.0	335.2	335.2
39°	332.2	331.9	332.1	332.5	332.5	332.5
39.5°	329.5	329.2	329.6	329.8	329.7	329.9
40°	326.8	326.4	326.8	327.0	327.2	327.1
40.5°	324.1	323.7	324.0	324.4	324.5	324.5
41°	321.3	320.8	321.3	321.6	321.6	321.7
41.5°	318.7	318.1	318.4	319.0	318.8	318.7
42°	315.8	315.3	315.6	316.1	316.1	316.1
42.5°	313.1	312.4	312.9	313.2	313.2	313.4
43°	310.3	309.6	309.7	310.2	310.2	310.4
43.5°	307.4	306.6	306.9	307.2	307.4	307.3



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	298.6	297.8	298.0	298.4	298.4	298.7
45.5°	295.5	295.0	295.1	295.5	295.5	295.6
46°	292.6	292.1	292.1	292.6	292.7	292.8
46.5°	289.6	289.2	289.5	289.8	289.8	289.8
47°	286.8	286.2	286.3	286.7	286.6	286.8
47.5°	283.5	283.2	283.2	283.7	283.7	283.8
48°	280.5	280.0	280.3	280.6	280.6	280.8
48.5°	277.6	276.9	277.2	277.5	277.5	277.6
49°	274.6	274.0	274.0	274.2	274.5	274.7
49.5°	271.1	270.7	271.1	271.2	271.4	271.5
50°	268.2	267.6	267.8	268.1	268.1	268.3
50.5°	264.9	264.4	264.6	265.0	265.1	265.1
51°	261.7	261.3	261.4	261.8	261.7	261.9
51.5°	258.7	258.0	258.4	258.8	258.7	258.9
52°	255.5	255.0	255.3	255.5	255.7	255.6
52.5°	252.4	251.6	252.1	252.3	252.4	252.4
53°	249.1	248.7	248.6	249.1	249.1	249.1
53.5°	245.8	245.2	245.6	245.7	245.7	245.8
54°	242.6	242.1	242.2	242.6	242.5	242.7
54.5°	239.3	238.7	238.8	239.5	239.1	239.4
55°	236.1	235.4	235.5	236.1	236.0	235.9
55.5°	232.8	231.9	232.2	232.7	232.6	232.3
56°	229.5	228.5	228.8	229.0	229.1	229.2
56.5°	226.1	225.3	225.6	225.9	225.7	225.9
57°	222.8	221.9	222.2	222.5	222.5	222.4
57.5°	219.6	218.5	219.0	219.3	219.1	219.1
58°	216.1	215.0	215.5	215.7	215.8	215.7
58.5°	212.9	211.6	212.1	212.3	212.3	212.1
59°	209.3	208.3	208.8	208.8	208.9	208.7
59.5°	205.8	205.0	205.3	205.6	205.4	205.3
60°	202.4	201.4	201.7	202.0	202.1	201.9
60.5°	198.9	197.9	198.3	198.6	198.4	198.2
61°	195.3	194.4	194.8	194.9	195.1	194.9
61.5°	192.0	191.0	191.5	191.5	191.5	191.4
62°	188.7	187.6	188.0	188.1	188.2	188.0
62.5°	185.2	184.3	184.5	184.7	184.8	184.4
63°	181.7	180.6	181.1	181.1	181.2	181.0
63.5°	178.1	177.2	177.6	177.8	177.5	177.4
64°	174.6	173.6	174.0	174.2	174.1	173.9
64.5°	171.1	170.1	170.6	170.8	170.4	170.3
65°	167.7	166.6	167.1	167.2	167.0	166.8
65.5°	164.2	163.2	163.7	163.7	163.3	163.2
66°	160.6	159.5	160.1	160.2	160.0	159.7



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	150.1	149.0	149.6	149.7	149.3	149.1
68°	146.3	145.3	146.0	146.2	145.9	145.7
68.5°	143.0	141.8	142.5	142.5	142.2	142.1
69°	139.4	138.1	138.9	139.1	138.6	138.5
69.5°	135.9	134.6	135.3	135.6	134.9	134.8
70°	132.3	131.1	131.7	131.8	131.4	131.2
70.5°	128.7	127.5	128.2	128.4	128.0	127.7
71°	125.2	124.1	124.7	124.8	124.2	124.2
71.5°	121.7	120.7	121.1	121.3	120.7	120.7
72°	118.2	117.1	117.7	117.7	117.1	116.9
72.5°	114.8	113.5	114.2	114.2	113.6	113.3
73°	111.2	110.0	110.7	110.6	110.1	109.8
73.5°	107.8	106.5	107.2	107.0	106.4	106.3
74°	104.3	102.9	103.5	103.6	102.9	102.6
74.5°	100.8	99.5	100.2	100.1	99.5	99.2
75°	97.4	96.0	96.5	96.6	96.0	95.7
75.5°	94.0	92.6	93.2	93.1	92.4	92.2
76°	90.5	89.2	89.7	89.7	89.0	88.8
76.5°	87.1	85.8	86.4	86.3	85.5	85.5
77°	83.8	82.4	82.9	82.9	82.2	82.0
77.5°	80.3	79.1	79.5	79.4	78.7	78.6
78°	76.9	75.6	76.1	76.1	75.3	75.2
78.5°	73.6	72.3	72.7	72.6	71.9	71.8
79°	70.2	68.9	69.4	69.3	68.6	68.4
79.5°	66.9	65.6	66.0	65.9	65.2	65.0
80°	63.7	62.3	62.7	62.5	61.8	61.5
80.5°	60.3	59.0	59.4	59.2	58.5	58.4
81°	57.2	55.8	56.2	56.0	55.3	55.1
81.5°	54.0	52.6	52.9	52.8	52.0	51.8
82°	50.6	49.4	49.7	49.4	48.6	48.5
82.5°	47.5	45.9	46.5	46.3	45.3	45.2
83°	44.4	43.0	43.2	42.9	42.1	42.1
83.5°	41.2	39.8	39.6	39.7	38.6	38.8
84°	38.0	36.8	36.6	36.4	35.5	35.7
84.5°	35.0	33.5	33.4	33.3	32.4	32.4
85°	32.0	30.2	30.4	30.0	29.2	29.1
85.5°	28.9	27.0	27.0	26.8	26.0	26.1
86°	25.8	24.1	24.0	23.7	23.5	23.2
86.5°	22.8	21.1	21.0	20.7	20.4	20.2
87°	20.1	18.0	18.0	17.8	17.4	17.1
87.5°	17.0	15.1	15.0	15.0	14.5	14.2
88°	14.0	12.0	12.0	11.8	11.5	11.4
88.5°	11.0	9.1	9.1	8.9	8.8	8.6



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	2.4	0.4	0.7	0.6	0.7	0.6
90.5°	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
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	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.1	0.0	0.0	0.0
113.5°	0.0	0.0	0.1	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.1
114.5°	0.0	0.0	0.1	0.0	0.0	0.1
115°	0.0	0.0	0.0	0.0	0.0	0.1
115.5°	0.0	0.0	0.1	0.0	0.0	0.0
116°	0.0	0.0	0.1	0.0	0.0	0.1
116.5°	0.0	0.0	0.1	0.0	0.1	0.1
117°	0.0	0.0	0.1	0.1	0.1	0.2
117.5°	0.0	0.0	0.1	0.2	0.2	0.1
118°	0.0	0.0	0.0	0.1	0.1	0.2
118.5°	0.0	0.0	0.1	0.1	0.1	0.2
119°	0.0	0.0	0.1	0.1	0.2	0.2
119.5°	0.0	0.0	0.0	0.1	0.1	0.1
120°	0.0	0.0	0.1	0.1	0.2	0.1
120.5°	0.0	0.0	0.2	0.1	0.2	0.1
121°	0.0	0.0	0.2	0.1	0.1	0.1
121.5°	0.0	0.0	0.1	0.1	0.2	0.1
122°	0.0	0.0	0.1	0.1	0.2	0.1
122.5°	0.0	0.0	0.1	0.1	0.2	0.1
123°	0.0	0.0	0.1	0.2	0.1	0.1
123.5°	0.0	0.0	0.1	0.2	0.1	0.1
124°	0.0	0.0	0.1	0.1	0.0	0.1
124.5°	0.0	0.0	0.1	0.1	0.0	0.1
125°	0.0	0.0	0.1	0.1	0.0	0.1
125.5°	0.0	0.0	0.1	0.1	0.1	0.1
126°	0.0	0.0	0.1	0.1	0.1	0.1
126.5°	0.0	0.0	0.2	0.1	0.1	0.1
127°	0.0	0.0	0.2	0.1	0.1	0.1
127.5°	0.0	0.0	0.3	0.1	0.1	0.1
128°	0.0	0.0	0.3	0.1	0.1	0.1
128.5°	0.0	0.0	0.2	0.1	0.1	0.1
129°	0.0	0.0	0.2	0.1	0.1	0.1
129.5°	0.0	0.0	0.2	0.1	0.1	0.1
130°	0.0	0.0	0.2	0.1	0.1	0.1
130.5°	0.0	0.0	0.2	0.1	0.1	0.2
131°	0.0	0.0	0.2	0.1	0.1	0.2
131.5°	0.0	0.1	0.2	0.1	0.1	0.2
132°	0.0	0.1	0.2	0.1	0.3	0.2
132.5°	0.0	0.1	0.2	0.1	0.3	0.2
133°	0.0	0.1	0.2	0.1	0.2	0.2
133.5°	0.0	0.1	0.2	0.1	0.2	0.2



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.3	0.1	0.2	0.1	0.2	0.2
158°	0.3	0.1	0.2	0.1	0.2	0.2
158.5°	0.3	0.1	0.2	0.1	0.2	0.2
159°	0.3	0.1	0.2	0.1	0.2	0.2
159.5°	0.3	0.1	0.2	0.1	0.3	0.2
160°	0.3	0.1	0.2	0.1	0.3	0.3
160.5°	0.3	0.1	0.2	0.1	0.3	0.3
161°	0.3	0.1	0.2	0.1	0.3	0.3
161.5°	0.3	0.1	0.2	0.1	0.3	0.3
162°	0.3	0.1	0.2	0.1	0.3	0.3
162.5°	0.3	0.1	0.2	0.1	0.3	0.3
163°	0.3	0.1	0.3	0.1	0.3	0.3
163.5°	0.3	0.1	0.3	0.1	0.3	0.3
164°	0.3	0.1	0.3	0.1	0.3	0.3
164.5°	0.3	0.1	0.3	0.1	0.5	0.3
165°	0.3	0.1	0.3	0.1	0.5	0.3
165.5°	0.3	0.1	0.3	0.1	0.5	0.3
166°	0.3	0.1	0.3	0.1	0.5	0.3
166.5°	0.3	0.1	0.3	0.1	0.5	0.3
167°	0.3	0.1	0.3	0.2	0.5	0.3
167.5°	0.3	0.1	0.3	0.1	0.5	0.3
168°	0.3	0.1	0.3	0.3	0.5	0.3
168.5°	0.3	0.1	0.3	0.3	0.5	0.3
169°	0.3	0.1	0.3	0.2	0.5	0.3
169.5°	0.3	0.1	0.3	0.2	0.6	0.3
170°	0.3	0.2	0.3	0.2	0.5	0.5
170.5°	0.3	0.2	0.3	0.2	0.5	0.8
171°	0.3	0.2	0.3	0.3	0.5	0.9
171.5°	0.3	0.2	0.3	0.3	0.5	0.9
172°	0.3	0.2	0.3	0.3	0.5	0.8
172.5°	0.3	0.2	0.3	0.3	0.5	0.8
173°	0.3	0.2	0.3	0.3	0.5	0.8
173.5°	0.3	0.2	0.3	0.3	0.6	0.8
174°	0.3	0.2	0.3	0.3	0.6	0.8
174.5°	0.3	0.2	0.3	0.3	0.7	0.8
175°	0.3	0.2	0.3	0.3	0.7	0.8
175.5°	0.3	0.2	0.3	0.3	0.6	0.7
176°	0.3	0.2	0.3	0.3	0.6	0.7
176.5°	0.3	0.2	0.3	0.3	0.6	0.7
177°	0.3	0.2	0.3	0.3	0.6	0.7
177.5°	0.3	0.2	0.3	0.3	0.6	0.7
178°	0.3	0.2	0.3	0.3	0.6	0.7
178.5°	0.3	0.2	0.3	0.3	0.6	0.7



TEST NUMBER: A1921872A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.7	0.7	0.7	0.7	0.7	0.7



Report Generated By E9808895 / USPTCWHP6082093





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







21.5°	408.1	408.3	408.7	408.3	408.0	407.9	407.5	407.3	407.2	407.5	407.7
22°	406.5	406.8	407.0	406.8	406.5	406.3	406.1	405.5	405.8	405.9	406.0



44°	304.4	304.5	304.0	303.8	304.4	303.7	303.4	302.8	302.7	303.3	303.7
44.5°	301.5	301.5	301.1	300.8	301.5	300.9	300.4	299.8	299.9	300.2	300.8



66.5°	156.3	156.3	155.9	155.3	157.0	156.4	156.0	155.5	155.5	156.0	156.5
67°	152.9	153.0	152.4	152.0	153.6	153.0	152.6	152.0	152.0	152.5	153.1



89°	5.9	5.9	5.7	5.6	7.7	7.4	7.1	7.1	7.2	7.6	7.8
89.5°	3.3	3.1	3.0	2.9	4.8	4.6	4.3	4.4	4.6	5.0	5.0



111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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



156.5°	0.2	0.1	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
157°	0.2	0.1	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3



179°	0.7	0.6	0.3	0.8	0.5	0.2	0.3	0.3	0.6	0.7	0.7
179.5°	0.7	0.7	0.3	0.8	0.5	0.2	0.3	0.3	0.6	0.7	0.7





21.5°	407.6	408.0	408.1	408.5	408.3	408.1
22°	406.2	406.2	406.3	407.0	406.5	406.5



44°	304.4	303.7	303.9	304.5	304.3	304.4
44.5°	301.5	300.8	300.9	301.4	301.6	301.5



66.5°	157.1	156.2	156.7	156.8	156.4	156.3
67°	153.6	152.6	153.2	153.3	153.0	152.9



89°	8.1	6.1	6.1	6.1	6.0	5.9
89.5°	5.1	3.3	3.4	3.3	3.2	3.3



111.5°	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0



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



156.5°	0.3	0.1	0.2	0.1	0.2	0.2
157°	0.3	0.1	0.2	0.1	0.2	0.2



179°	0.3	0.2	0.3	0.3	0.6	0.7
179.5°	0.3	0.2	0.3	0.3	0.6	0.7



(END OF REPORT)