

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: NEO-RAY

Report Number: P1000859

Luminaire Tested: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000859
REPORT IS A COMBINATION OF REPORTS P995472 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4
Description: Define 4 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

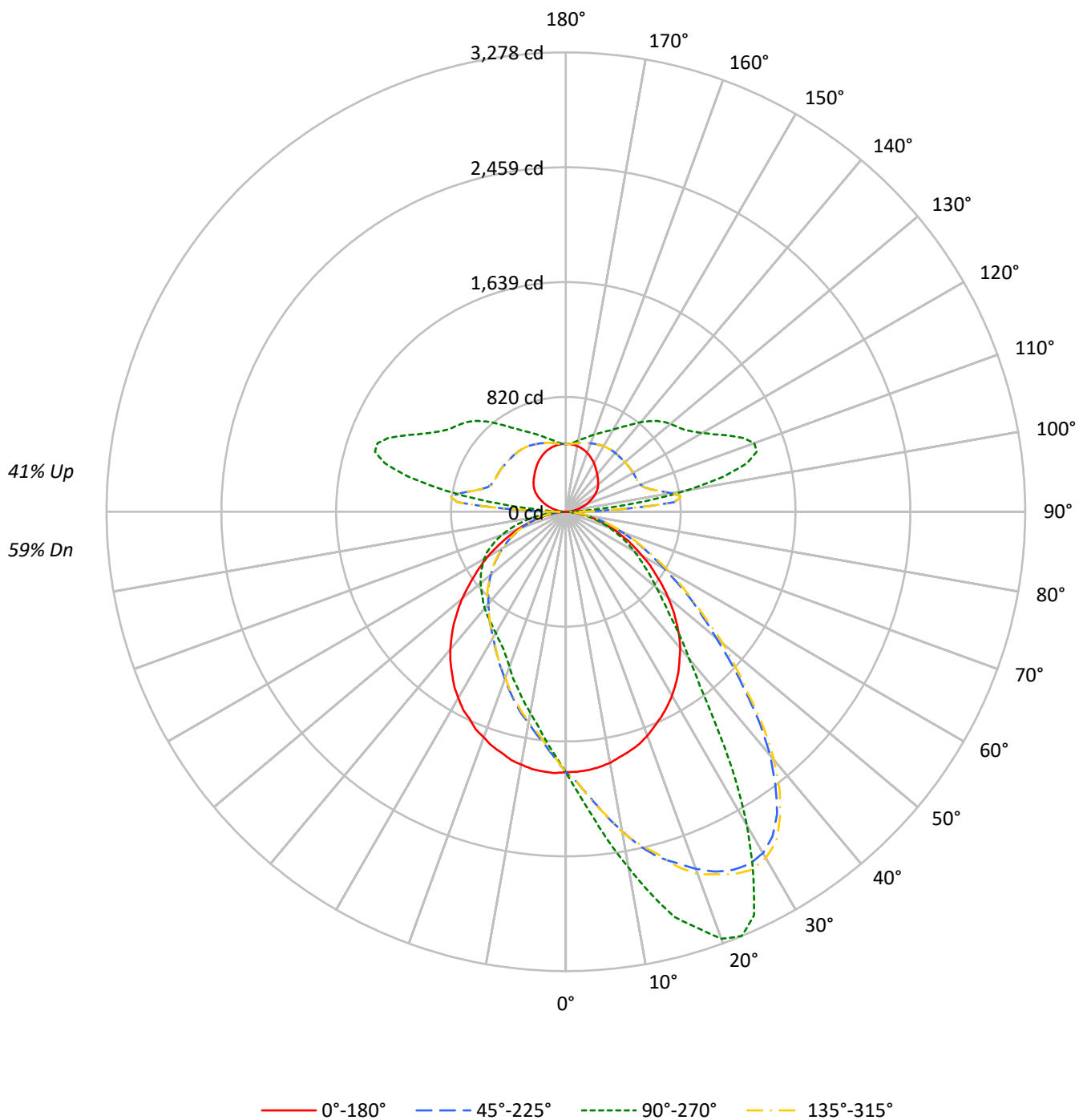
Lumens per Lamp: N/A
Luminaire Lumens: 8650.0 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 89.8
Input Voltage (V):
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: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	102	102	102	102	88	88	88	76	76	76	65	65	65
1	100	96	92	89	93	90	86	83	78	76	73	67	66	64	58	56	55
2	91	84	78	73	85	79	73	69	69	65	61	60	56	54	51	49	47
3	84	74	67	61	78	70	63	58	61	56	52	53	49	46	45	43	40
4	77	66	58	52	71	62	55	49	54	49	44	47	43	40	41	38	35
5	70	59	51	45	66	55	48	43	49	43	38	43	38	34	37	33	31
6	65	53	45	39	61	50	43	37	44	38	34	39	34	30	34	30	27
7	60	48	40	34	56	45	38	33	40	34	30	35	30	27	31	27	24
8	56	44	36	30	52	41	34	29	37	31	27	32	28	24	28	24	22
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	26	22	20
10	49	37	29	25	46	35	28	24	31	25	22	28	23	20	24	21	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15145	15145	15145	15145
5°	15107	17375	15194	13055
10°	14994	20271	15108	11454
15°	14814	23369	14917	10249
20°	14622	25340	14728	9188
25°	14342	25050	14479	8407
30°	14069	20705	14240	8003
35°	13684	15429	13835	7759
40°	13236	11623	13364	7640
45°	12552	9328	12707	7477
50°	11734	7859	11904	7400
55°	10773	6841	10942	7314
60°	9837	6024	10126	7192
65°	8961	5183	9045	6892
70°	7931	4265	8101	6346
75°	6916	3276	6873	5392
80°	5441	2152	5380	4094
85°	3580	968	3362	2387

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 19584 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.7	2.1
10°-20°	557.9	6.4
20°-30°	886.3	10.2
30°-40°	984.9	11.4
40°-50°	895.6	10.4
50°-60°	731.9	8.5
60°-70°	522.4	6.0
70°-80°	287.5	3.3
80°-90°	79.6	0.9
90°-100°	350.6	4.1
100°-110°	731.9	8.5
110°-120°	650.6	7.5
120°-130°	547.7	6.3
130°-140°	456.9	5.3
140°-150°	348.9	4.0
150°-160°	245.3	2.8
160°-170°	144.3	1.7
170°-180°	46.9	0.5
0°-30°	1625.0	18.8
0°-40°	2609.9	30.2
0°-60°	4237.4	49.0
0°-90°	5126.9	59.3
90°-120°	1733.2	20.0
90°-150°	3086.7	35.7
90°-180°	3523.0	40.7
0°-180°	8650.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1857	1857	1857	1857	1857	
5°	1850	2179	1860	1637	1850	176
15°	1766	2993	1779	1313	1766	498
25°	1613	3178	1628	1066	1613	743
35°	1399	1879	1414	945	1399	874
45°	1116	1054	1129	845	1116	860
55°	785	689	797	737	785	706
65°	489	443	494	589	489	483
75°	240	222	238	365	240	252
85°	49	46	46	114	49	57
90°	1	20	1	20	1	5
95°	31	232	31	232	31	34
105°	111	1337	111	1337	111	118
115°	196	1284	196	1284	196	194
125°	273	1024	273	1024	273	243
135°	324	916	324	916	324	250
145°	374	748	374	748	374	234
155°	425	626	425	626	425	196
165°	463	546	463	546	463	131
175°	483	492	483	492	483	46
180°	484	484	484	484	484	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1857.3	1875.7	1883.4	1889.6	1909.6	1915.7	1917.3	1926.5	1934.2	1935.7	1935.7
5°	1849.6	1878.8	1901.9	1923.4	1955.7	1969.6	1986.5	2005.0	2029.6	2045.0	2052.7
7.5°	1837.3	1880.4	1915.7	1952.7	1997.3	2025.0	2040.4	2089.6	2123.5	2151.2	2185.0
10°	1818.8	1874.2	1925.0	1978.8	2041.9	2075.8	2109.6	2169.6	2217.3	2271.2	2314.3
12.5°	1791.1	1863.4	1925.0	2000.4	2078.8	2118.9	2158.9	2263.5	2318.9	2366.6	2443.5
15°	1766.5	1838.8	1926.5	2003.5	2100.4	2160.4	2218.9	2286.6	2374.3	2477.4	2551.2
17.5°	1738.8	1829.6	1911.1	2018.8	2126.5	2183.5	2231.2	2335.8	2458.9	2560.5	2628.2
20°	1700.3	1792.6	1900.4	2014.2	2141.9	2186.6	2249.6	2389.7	2500.5	2600.5	2711.3
22.5°	1655.7	1763.4	1877.3	1986.5	2118.9	2212.7	2282.0	2405.1	2538.9	2654.3	2779.0
25°	1612.6	1729.6	1829.6	1978.8	2118.9	2181.9	2260.4	2406.6	2552.8	2692.8	2820.5
27.5°	1566.4	1675.7	1811.1	1929.6	2088.1	2157.3	2242.0	2402.0	2557.4	2697.4	2834.4
30°	1515.7	1632.6	1744.9	1885.0	2038.8	2128.1	2206.6	2380.4	2538.9	2685.1	2812.8
32.5°	1458.7	1569.5	1689.5	1821.9	1983.4	2074.2	2172.7	2351.2	2520.5	2646.6	2745.1
35°	1398.7	1511.1	1615.7	1751.1	1917.3	2008.1	2103.5	2300.4	2468.2	2571.2	2628.2
37.5°	1332.6	1438.7	1541.8	1675.7	1841.9	1938.8	2035.8	2226.6	2385.1	2471.2	2455.8
40°	1269.5	1364.9	1460.3	1586.4	1760.3	1863.4	1948.1	2140.4	2278.9	2315.8	2265.0
42.5°	1197.1	1278.7	1371.0	1500.3	1669.5	1766.5	1872.7	2048.1	2151.2	2135.8	2049.6
45°	1115.6	1187.9	1280.2	1401.8	1574.1	1674.2	1763.4	1929.6	2005.0	1966.5	1809.6
47.5°	1037.1	1107.9	1183.3	1304.9	1472.6	1557.2	1648.0	1797.3	1840.3	1758.8	1601.8
50°	952.5	1011.0	1089.4	1204.8	1361.8	1451.0	1526.4	1646.5	1661.8	1561.8	1398.7
52.5°	870.9	920.2	995.6	1109.4	1255.6	1326.4	1400.3	1506.4	1494.1	1391.0	1234.1
55°	784.8	830.9	900.2	1004.8	1134.1	1201.8	1264.9	1358.7	1332.6	1226.4	1089.4
57.5°	712.4	744.8	812.5	909.4	1015.6	1089.4	1143.3	1217.1	1177.1	1071.0	943.3
60°	629.3	669.4	726.3	804.8	909.4	958.6	1006.3	1055.6	1027.9	926.3	812.5
62.5°	553.9	584.7	634.0	709.4	790.9	835.5	886.3	917.1	889.4	795.5	700.1
65°	489.3	513.9	552.4	614.0	692.4	729.4	758.6	787.8	764.8	677.0	607.8
67.5°	418.5	440.1	472.4	521.6	587.8	614.0	641.7	661.7	635.5	577.0	509.3
70°	355.5	370.8	401.6	438.5	484.7	509.3	532.4	552.4	529.3	480.1	429.3
72.5°	290.8	303.1	330.8	357.0	398.5	415.5	432.4	447.8	440.1	393.9	352.4
75°	240.0	244.7	263.1	284.7	310.8	329.3	341.6	350.8	344.7	307.7	281.6
77.5°	181.6	187.7	201.6	218.5	241.6	252.4	260.0	269.3	261.6	232.4	213.9
80°	132.3	133.9	141.6	157.0	172.3	173.9	181.6	193.9	189.3	169.3	155.4
82.5°	84.6	89.2	92.3	101.6	112.3	115.4	120.0	123.1	121.6	109.3	104.6
85°	49.2	49.2	52.3	58.5	61.5	66.2	67.7	69.2	72.3	64.6	60.0
87.5°	21.5	23.1	23.1	24.6	27.7	27.7	29.2	30.8	32.3	30.8	26.2
90°	1.0	2.9	5.7	6.7	7.6	7.6	7.6	13.3	13.3	15.2	17.1
92.5°	13.3	19.0	29.5	43.7	60.8	73.2	85.5	144.5	236.6	326.0	372.5
95°	31.4	34.2	43.7	56.1	78.9	98.8	118.8	201.5	357.3	584.5	774.5
97.5°	52.3	52.3	60.8	72.2	92.2	109.3	126.4	192.0	326.0	559.8	828.7
100°	72.2	72.2	78.9	90.3	108.3	123.6	138.8	194.8	302.2	496.1	764.1
102.5°	91.2	93.1	98.8	109.3	126.4	140.6	154.9	204.3	295.6	453.3	683.3
105°	111.2	114.0	118.8	130.2	147.3	161.1	174.9	220.5	299.4	432.4	623.4
107.5°	133.0	134.9	139.7	152.1	168.2	182.0	195.8	237.6	310.8	426.7	584.5
110°	154.9	156.8	161.6	173.0	190.1	202.9	215.7	257.5	324.1	428.6	566.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	175.8	177.7	183.4	193.9	211.0	223.8	236.6	276.6	338.3	434.3	557.9
115°	195.8	198.6	205.3	214.8	232.8	245.6	258.5	296.5	353.5	441.9	556.0
117.5°	216.7	219.5	225.2	235.7	252.8	266.1	279.4	315.5	368.7	449.5	555.0
120°	237.6	239.5	246.1	256.6	272.7	286.0	299.4	335.5	384.9	458.1	555.0
122.5°	256.6	258.5	265.1	274.6	292.7	305.5	318.4	354.5	400.1	466.6	554.1
125°	272.7	276.6	282.3	292.7	310.8	324.1	337.4	371.6	415.3	475.2	553.1
127.5°	288.0	290.8	297.5	308.9	327.9	341.2	354.5	387.7	428.6	481.8	551.2
130°	300.3	304.1	311.7	326.0	344.0	357.8	371.6	403.9	441.0	489.4	550.2
132.5°	312.7	315.5	326.0	339.3	359.2	372.0	384.9	417.2	453.3	496.1	549.3
135°	324.1	327.9	337.4	353.5	373.5	385.8	398.2	429.6	463.8	502.7	548.3
137.5°	335.5	339.3	349.7	364.9	385.8	397.7	409.6	439.1	471.4	506.5	548.3
140°	347.8	350.7	361.1	377.3	397.2	408.6	420.1	448.6	479.0	511.3	547.4
142.5°	361.1	364.0	373.5	388.7	407.7	418.6	429.6	457.1	484.7	515.1	547.4
145°	373.5	376.3	385.8	399.1	417.2	427.6	438.1	462.8	488.5	516.0	545.5
147.5°	387.7	388.7	397.2	411.5	426.7	436.2	445.7	469.5	492.3	517.0	542.6
150°	401.0	402.0	409.6	421.0	435.3	444.3	453.3	474.2	495.1	517.0	539.8
152.5°	413.4	413.4	421.0	431.5	443.8	451.9	460.0	478.0	497.0	515.1	535.0
155°	424.8	425.8	431.5	441.0	451.4	458.6	465.7	481.8	498.0	513.2	530.3
157.5°	436.2	436.2	441.9	449.5	459.0	464.7	470.4	484.7	498.0	511.3	525.5
160°	446.7	446.7	450.5	457.1	464.7	470.0	475.2	486.6	498.0	508.4	519.8
162.5°	456.2	455.2	458.1	463.8	470.4	474.2	478.0	488.5	498.0	505.6	514.1
165°	462.8	462.8	464.7	469.5	474.2	477.0	479.9	488.5	496.1	501.8	508.4
167.5°	470.4	469.5	470.4	474.2	477.1	479.4	481.8	488.5	494.2	498.0	502.7
170°	475.2	474.2	475.2	478.0	479.9	481.4	482.8	487.5	492.3	494.2	497.0
172.5°	479.9	479.0	479.0	480.9	481.8	482.8	483.7	486.6	490.4	490.4	491.3
175°	482.8	481.8	481.8	482.8	483.7	483.7	483.7	485.6	488.5	487.5	487.5
177.5°	484.7	483.7	482.8	483.7	483.7	483.7	483.7	484.7	486.6	484.7	484.7
180°	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1940.4	1968.1	1980.4	1983.4	2000.4	1989.6	1994.2	1992.7	2005.0	2006.5	2006.5
5°	2081.9	2114.2	2125.0	2140.4	2163.5	2169.6	2165.0	2174.3	2191.2	2178.9	2197.3
7.5°	2231.2	2266.6	2291.2	2325.0	2332.7	2352.7	2365.1	2375.8	2378.9	2380.4	2383.5
10°	2369.7	2414.3	2448.1	2505.1	2517.4	2528.2	2582.0	2560.5	2588.2	2578.9	2582.0
12.5°	2482.0	2569.7	2597.4	2692.8	2702.0	2739.0	2735.9	2769.7	2775.9	2788.2	2775.9
15°	2629.7	2731.3	2775.9	2829.8	2860.5	2903.6	2911.3	2957.5	2975.9	2992.9	2975.9
17.5°	2765.1	2819.0	2932.9	2975.9	2995.9	3019.0	3077.5	3094.4	3122.1	3111.3	3142.1
20°	2832.8	2909.8	3029.8	3103.7	3134.4	3156.0	3205.2	3231.4	3242.1	3242.1	3245.2
22.5°	2892.8	3003.6	3092.9	3177.5	3205.2	3220.6	3249.8	3269.8	3274.5	3277.5	3280.6
25°	2946.7	3046.7	3119.0	3166.7	3177.5	3177.5	3194.4	3182.1	3162.1	3177.5	3186.7
27.5°	2946.7	3017.5	3049.8	3066.7	3066.7	3025.2	3000.6	2949.8	2906.7	2894.4	2922.1
30°	2897.5	2929.8	2885.2	2843.6	2811.3	2783.6	2686.7	2609.7	2594.3	2583.6	2625.1
32.5°	2783.6	2742.0	2654.3	2534.3	2486.6	2423.5	2348.1	2289.7	2254.3	2242.0	2232.7
35°	2582.0	2474.3	2360.4	2198.9	2165.0	2085.0	1981.9	1938.8	1880.4	1878.8	1898.8
37.5°	2362.0	2195.8	2072.7	1918.8	1871.1	1786.5	1689.5	1644.9	1604.9	1574.1	1611.1
40°	2105.0	1960.4	1772.6	1646.5	1578.8	1534.1	1452.6	1403.3	1384.9	1369.5	1392.6
42.5°	1865.0	1706.5	1560.3	1431.0	1375.6	1324.9	1271.0	1223.3	1209.5	1207.9	1224.8
45°	1626.5	1471.0	1335.6	1224.8	1189.5	1158.7	1106.4	1092.5	1069.4	1054.0	1061.7
47.5°	1435.7	1275.6	1163.3	1078.7	1047.9	1021.7	987.9	964.8	944.8	938.6	947.9
50°	1247.9	1140.2	1024.8	954.0	930.9	906.3	880.2	858.6	849.4	843.2	849.4
52.5°	1097.1	981.7	903.2	846.3	823.2	804.8	786.3	777.1	764.8	767.8	774.0
55°	961.7	860.2	794.0	752.4	738.6	730.9	707.8	697.1	692.4	689.4	692.4
57.5°	834.0	760.1	710.9	675.5	657.0	652.4	634.0	634.0	629.3	624.7	626.3
60°	732.4	669.4	621.7	594.0	590.9	583.2	570.9	569.3	558.6	563.2	564.7
62.5°	629.3	578.6	546.3	529.3	518.6	515.5	507.8	506.2	501.6	503.2	500.1
65°	547.8	506.2	473.9	460.1	455.5	453.9	447.8	443.2	440.1	443.2	440.1
67.5°	466.2	438.5	413.9	400.1	393.9	392.4	387.8	384.7	386.2	381.6	384.7
70°	389.3	361.6	346.2	338.5	335.4	330.8	330.8	330.8	330.8	327.8	326.2
72.5°	327.8	300.1	289.3	284.7	281.6	280.1	275.4	277.0	275.4	273.9	280.1
75°	260.0	243.1	232.4	227.7	230.8	226.2	221.6	224.7	220.0	221.6	227.7
77.5°	197.0	189.3	183.1	180.0	177.0	173.9	173.9	170.8	170.8	170.8	170.8
80°	143.1	141.6	130.8	129.3	129.3	126.2	126.2	126.2	126.2	124.6	126.2
82.5°	95.4	93.9	90.8	89.2	86.2	87.7	87.7	84.6	84.6	83.1	84.6
85°	55.4	55.4	52.3	50.8	49.2	50.8	47.7	46.2	47.7	46.2	47.7
87.5°	26.2	23.1	24.6	23.1	20.0	21.5	18.5	20.0	18.5	16.9	20.0
90°	16.2	17.1	18.1	19.0	19.0	19.0	20.0	20.9	20.0	20.0	20.0
92.5°	309.8	229.0	171.1	134.9	123.0	111.2	96.9	90.3	86.5	86.5	86.5
95°	796.4	704.2	556.9	429.6	383.5	337.4	290.8	261.3	244.2	231.9	244.2
97.5°	998.8	1014.0	940.8	836.3	783.1	729.9	665.2	608.2	579.7	556.9	579.7
100°	1007.4	1146.1	1165.1	1118.6	1083.4	1048.2	965.6	907.6	879.1	871.5	879.1
102.5°	936.1	1139.5	1252.6	1281.1	1271.6	1262.1	1219.3	1181.3	1150.9	1145.2	1150.9
105°	846.8	1064.4	1228.8	1322.9	1342.4	1361.8	1363.7	1356.1	1342.8	1337.1	1342.8
107.5°	773.6	972.2	1149.9	1281.1	1321.0	1360.9	1402.7	1419.8	1427.4	1428.4	1427.4
110°	721.3	890.5	1054.9	1192.7	1245.0	1297.2	1364.7	1404.6	1421.7	1430.3	1421.7

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	691.9	830.6	971.3	1099.5	1151.8	1204.1	1283.0	1333.3	1359.0	1374.2	1359.0
115°	675.7	794.5	911.4	1022.6	1068.2	1113.8	1188.9	1245.9	1276.3	1283.9	1276.3
117.5°	667.1	773.6	872.4	962.7	1002.6	1042.5	1109.1	1158.5	1190.8	1195.5	1190.8
120°	660.5	760.3	848.7	924.7	958.4	992.2	1046.3	1088.1	1112.9	1123.3	1112.9
122.5°	652.9	748.9	833.5	900.9	929.4	957.9	1001.7	1035.9	1055.8	1066.3	1055.8
125°	644.3	735.6	817.3	882.9	909.0	935.1	973.2	1000.7	1018.8	1024.5	1018.8
127.5°	632.9	720.4	799.2	864.8	889.5	914.2	952.2	977.0	992.2	997.9	992.2
130°	622.5	701.4	776.4	841.1	866.2	891.4	930.4	954.1	969.4	975.1	969.4
132.5°	613.0	681.4	750.8	813.5	838.7	863.9	901.9	929.4	943.7	949.4	943.7
135°	603.5	663.3	725.1	783.1	806.8	830.6	868.6	895.2	910.4	916.1	910.4
137.5°	594.9	646.2	700.4	750.8	772.6	794.5	830.6	858.2	870.5	877.2	870.5
140°	588.3	632.0	676.6	719.4	739.3	759.3	792.6	813.5	826.8	834.4	826.8
142.5°	582.6	618.7	656.7	691.9	708.5	725.1	753.6	772.6	784.0	788.8	784.0
145°	575.9	606.3	638.6	667.1	680.4	693.8	717.5	733.7	743.2	747.9	743.2
147.5°	570.2	595.9	622.5	646.2	657.2	668.1	686.1	700.4	708.0	709.9	708.0
150°	563.6	586.4	608.2	627.2	635.8	644.3	659.5	671.9	677.6	678.5	677.6
152.5°	556.0	575.9	594.0	611.1	617.8	624.4	636.7	646.2	649.1	650.0	649.1
155°	548.3	565.5	580.7	594.9	600.6	606.3	615.8	623.4	626.3	626.3	626.3
157.5°	540.7	554.1	567.4	579.7	584.4	589.2	596.8	602.5	604.4	604.4	604.4
160°	532.2	543.6	554.1	564.5	568.3	572.1	577.8	583.5	584.5	584.5	584.5
162.5°	524.6	533.1	541.7	549.3	552.6	556.0	559.8	565.5	566.4	565.5	566.4
165°	516.0	523.6	529.3	536.0	538.4	540.7	544.5	548.3	547.4	546.4	547.4
167.5°	508.4	514.1	518.9	524.6	526.0	527.4	529.3	532.2	532.2	531.2	532.2
170°	500.8	505.6	508.4	512.2	513.7	515.1	517.0	517.9	517.0	517.0	517.0
172.5°	494.2	498.0	499.9	501.8	502.8	503.7	504.6	505.6	504.6	502.7	504.6
175°	489.4	491.3	492.3	494.2	494.2	494.2	494.2	496.1	494.2	492.3	494.2
177.5°	485.6	486.6	487.5	487.5	488.0	488.5	487.5	488.5	486.6	484.7	486.6
180°	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	2003.5	1998.8	1992.7	1992.7	1985.0	1985.0	1972.7	1951.1	1932.7	1926.5	1929.6
5°	2174.3	2175.8	2166.6	2158.9	2145.0	2134.2	2114.2	2075.8	2063.5	2038.8	2021.9
7.5°	2369.7	2363.5	2346.6	2334.3	2331.2	2306.6	2263.5	2217.3	2180.4	2155.8	2120.4
10°	2589.7	2565.1	2540.5	2532.8	2514.3	2472.8	2423.5	2372.7	2322.0	2268.1	2208.1
12.5°	2774.4	2726.7	2725.1	2706.7	2671.3	2648.2	2589.7	2517.4	2429.7	2369.7	2302.0
15°	2972.9	2928.2	2891.3	2857.5	2840.5	2772.8	2723.6	2632.8	2528.2	2463.5	2417.4
17.5°	3114.4	3094.4	3031.3	3015.9	2992.9	2914.4	2835.9	2746.7	2655.9	2565.1	2440.5
20°	3228.3	3216.0	3174.4	3152.9	3116.0	3054.4	2959.0	2855.9	2751.3	2622.0	2505.1
22.5°	3277.5	3262.1	3228.3	3209.8	3186.7	3134.4	3052.9	2935.9	2799.0	2683.6	2558.9
25°	3180.6	3208.3	3199.1	3191.4	3182.1	3151.4	3089.8	2986.7	2852.8	2722.0	2566.6
27.5°	2962.1	3009.8	3056.0	3062.1	3077.5	3089.8	3065.2	2991.3	2879.0	2740.5	2569.7
30°	2668.2	2689.7	2783.6	2811.3	2832.8	2911.3	2957.5	2939.0	2852.8	2728.2	2571.2
32.5°	2291.2	2348.1	2443.5	2509.7	2568.2	2655.9	2775.9	2823.6	2792.8	2691.3	2535.9
35°	1934.2	2001.9	2112.7	2197.3	2255.8	2380.4	2522.0	2625.1	2663.6	2612.8	2474.3
37.5°	1641.8	1723.4	1821.9	1854.2	1921.9	2075.8	2271.2	2414.3	2508.2	2512.8	2405.1
40°	1421.8	1463.3	1541.8	1591.1	1657.2	1786.5	1977.3	2166.6	2308.1	2355.8	2298.9
42.5°	1235.6	1267.9	1326.4	1386.4	1446.4	1544.9	1720.3	1897.3	2088.1	2183.5	2181.9
45°	1087.9	1121.7	1161.8	1211.0	1252.5	1358.7	1497.2	1678.8	1843.4	1991.1	2028.1
47.5°	958.6	987.9	1037.1	1058.7	1086.4	1186.4	1306.4	1475.7	1646.5	1815.7	1858.8
50°	863.2	887.9	921.7	935.6	966.3	1040.2	1138.7	1275.6	1464.9	1620.3	1700.3
52.5°	777.1	795.5	821.7	832.5	854.0	909.4	998.6	1106.4	1263.3	1423.3	1535.7
55°	703.2	715.5	734.0	746.3	761.7	810.9	877.1	974.0	1109.4	1247.9	1357.2
57.5°	634.0	643.2	661.7	667.8	680.1	718.6	764.8	846.3	971.0	1094.0	1200.2
60°	569.3	575.5	586.3	600.1	609.3	635.5	678.6	746.3	846.3	958.6	1044.8
62.5°	507.8	517.0	520.1	526.3	533.9	558.6	592.4	641.7	729.4	821.7	912.5
65°	444.7	452.4	458.5	460.1	467.8	486.2	517.0	560.1	617.0	697.1	781.7
67.5°	386.2	390.8	393.9	400.1	407.8	417.0	441.6	473.9	526.3	590.9	658.6
70°	332.4	332.4	337.0	338.5	347.8	358.5	369.3	400.1	446.2	498.6	544.7
72.5°	273.9	281.6	280.1	287.7	286.2	293.9	307.7	327.8	361.6	403.2	447.8
75°	223.1	227.7	227.7	227.7	230.8	237.0	244.7	263.1	289.3	323.1	349.3
77.5°	173.9	177.0	177.0	177.0	178.5	184.6	192.3	204.7	223.1	243.1	258.5
80°	124.6	127.7	127.7	130.8	130.8	132.3	140.0	146.2	155.4	170.8	186.2
82.5°	84.6	86.2	89.2	89.2	87.7	90.8	92.3	98.5	107.7	110.8	121.6
85°	46.2	47.7	49.2	49.2	50.8	53.9	52.3	58.5	58.5	64.6	67.7
87.5°	18.5	21.5	21.5	20.0	21.5	21.5	21.5	24.6	26.2	27.7	26.2
90°	20.9	20.0	19.0	19.0	19.0	18.1	17.1	16.2	17.1	15.2	13.3
92.5°	90.3	96.9	111.2	123.0	134.9	171.1	229.0	309.8	372.5	326.0	236.6
95°	261.3	290.8	337.4	383.5	429.6	556.9	704.2	796.4	774.5	584.5	357.3
97.5°	608.2	665.2	729.9	783.1	836.3	940.8	1014.0	998.8	828.7	559.8	326.0
100°	907.6	965.6	1048.2	1083.4	1118.6	1165.1	1146.1	1007.4	764.1	496.1	302.2
102.5°	1181.3	1219.3	1262.1	1271.6	1281.1	1252.6	1139.5	936.1	683.3	453.3	295.6
105°	1356.1	1363.7	1361.8	1342.4	1322.9	1228.8	1064.4	846.8	623.4	432.4	299.4
107.5°	1419.8	1402.7	1360.9	1321.0	1281.1	1149.9	972.2	773.6	584.5	426.7	310.8
110°	1404.6	1364.7	1297.2	1245.0	1192.7	1054.9	890.5	721.3	566.4	428.6	324.1

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1333.3	1283.0	1204.1	1151.8	1099.5	971.3	830.6	691.9	557.9	434.3	338.3
115°	1245.9	1188.9	1113.8	1068.2	1022.6	911.4	794.5	675.7	556.0	441.9	353.5
117.5°	1158.5	1109.1	1042.5	1002.6	962.7	872.4	773.6	667.1	555.0	449.5	368.7
120°	1088.1	1046.3	992.2	958.4	924.7	848.7	760.3	660.5	555.0	458.1	384.9
122.5°	1035.9	1001.7	957.9	929.4	900.9	833.5	748.9	652.9	554.1	466.6	400.1
125°	1000.7	973.2	935.1	909.0	882.9	817.3	735.6	644.3	553.1	475.2	415.3
127.5°	977.0	952.2	914.2	889.5	864.8	799.2	720.4	632.9	551.2	481.8	428.6
130°	954.1	930.4	891.4	866.2	841.1	776.4	701.4	622.5	550.2	489.4	441.0
132.5°	929.4	901.9	863.9	838.7	813.5	750.8	681.4	613.0	549.3	496.1	453.3
135°	895.2	868.6	830.6	806.8	783.1	725.1	663.3	603.5	548.3	502.7	463.8
137.5°	858.2	830.6	794.5	772.6	750.8	700.4	646.2	594.9	548.3	506.5	471.4
140°	813.5	792.6	759.3	739.3	719.4	676.6	632.0	588.3	547.4	511.3	479.0
142.5°	772.6	753.6	725.1	708.5	691.9	656.7	618.7	582.6	547.4	515.1	484.7
145°	733.7	717.5	693.8	680.4	667.1	638.6	606.3	575.9	545.5	516.0	488.5
147.5°	700.4	686.1	668.1	657.2	646.2	622.5	595.9	570.2	542.6	517.0	492.3
150°	671.9	659.5	644.3	635.8	627.2	608.2	586.4	563.6	539.8	517.0	495.1
152.5°	646.2	636.7	624.4	617.8	611.1	594.0	575.9	556.0	535.0	515.1	497.0
155°	623.4	615.8	606.3	600.6	594.9	580.7	565.5	548.3	530.3	513.2	498.0
157.5°	602.5	596.8	589.2	584.4	579.7	567.4	554.1	540.7	525.5	511.3	498.0
160°	583.5	577.8	572.1	568.3	564.5	554.1	543.6	532.2	519.8	508.4	498.0
162.5°	565.5	559.8	556.0	552.6	549.3	541.7	533.1	524.6	514.1	505.6	498.0
165°	548.3	544.5	540.7	538.4	536.0	529.3	523.6	516.0	508.4	501.8	496.1
167.5°	532.2	529.3	527.4	526.0	524.6	518.9	514.1	508.4	502.7	498.0	494.2
170°	517.9	517.0	515.1	513.7	512.2	508.4	505.6	500.8	497.0	494.2	492.3
172.5°	505.6	504.6	503.7	502.8	501.8	499.9	498.0	494.2	491.3	490.4	490.4
175°	496.1	494.2	494.2	494.2	494.2	492.3	491.3	489.4	487.5	487.5	488.5
177.5°	488.5	487.5	488.5	488.0	487.5	487.5	486.6	485.6	484.7	484.7	486.6
180°	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1915.7	1909.6	1905.0	1905.0	1891.1	1877.3	1869.6	1866.5	1863.4	1851.1	1834.2
5°	1994.2	1974.2	1960.4	1946.5	1923.4	1898.8	1874.2	1860.3	1840.3	1812.6	1792.6
7.5°	2081.9	2034.2	2018.8	2001.9	1955.7	1914.2	1880.4	1851.1	1818.8	1783.4	1748.0
10°	2155.8	2105.0	2071.2	2041.9	1981.9	1926.5	1875.7	1832.6	1791.1	1744.9	1701.9
12.5°	2226.6	2154.2	2118.9	2075.8	2012.7	1932.7	1866.5	1812.6	1751.1	1703.4	1651.1
15°	2325.0	2203.5	2145.0	2117.3	2032.7	1938.8	1858.8	1778.8	1728.0	1655.7	1609.5
17.5°	2340.4	2242.0	2203.5	2132.7	2031.1	1925.0	1832.6	1752.6	1675.7	1611.1	1551.1
20°	2394.3	2265.0	2203.5	2158.9	2025.0	1917.3	1815.7	1712.6	1638.8	1569.5	1501.8
22.5°	2428.1	2282.0	2217.3	2146.6	2018.8	1889.6	1769.6	1680.3	1589.5	1518.7	1464.9
25°	2418.9	2272.7	2200.4	2134.2	1978.8	1849.6	1741.9	1628.0	1543.4	1466.4	1395.6
27.5°	2414.3	2249.6	2172.7	2098.9	1952.7	1817.3	1681.9	1589.5	1495.7	1406.4	1354.1
30°	2402.0	2220.4	2131.2	2051.2	1898.8	1757.3	1641.8	1534.1	1440.3	1358.7	1289.5
32.5°	2360.4	2171.2	2085.0	1998.8	1840.3	1698.8	1581.8	1481.8	1388.0	1303.3	1237.2
35°	2305.0	2112.7	2018.8	1928.1	1769.6	1626.5	1518.7	1414.1	1326.4	1244.8	1181.8
37.5°	2249.6	2045.0	1957.3	1852.7	1706.5	1557.2	1446.4	1352.6	1271.0	1186.4	1117.1
40°	2169.6	1965.0	1868.0	1778.8	1608.0	1468.0	1366.4	1281.8	1201.8	1121.7	1063.3
42.5°	2060.4	1877.3	1777.3	1678.8	1518.7	1380.3	1281.8	1206.4	1131.0	1064.8	1000.2
45°	1949.6	1771.1	1681.9	1594.1	1420.3	1289.5	1198.7	1129.4	1066.4	994.0	941.7
47.5°	1815.7	1664.9	1575.7	1489.5	1324.9	1194.1	1111.0	1046.3	987.9	927.9	878.6
50°	1678.8	1548.0	1466.4	1377.2	1220.2	1101.7	1020.2	966.3	918.6	861.7	821.7
52.5°	1531.1	1417.2	1347.9	1261.8	1123.3	1014.0	930.9	877.1	837.1	795.5	760.1
55°	1374.1	1291.0	1217.1	1147.9	1017.1	918.6	844.8	797.1	769.4	730.9	700.1
57.5°	1232.5	1152.5	1107.9	1029.4	915.6	818.6	760.1	720.1	687.8	664.7	640.1
60°	1084.8	1020.2	971.0	914.0	814.0	732.4	670.9	647.8	614.0	597.0	586.3
62.5°	943.3	897.1	850.9	807.8	718.6	641.7	595.5	566.3	546.3	529.3	520.1
65°	809.4	766.3	734.0	695.5	621.7	560.1	517.0	493.9	473.9	469.3	458.5
67.5°	678.6	660.1	624.7	594.0	530.9	483.2	450.9	421.6	410.8	406.2	397.0
70°	567.8	546.3	518.6	492.4	444.7	403.2	373.9	363.1	347.8	346.2	335.4
72.5°	467.8	441.6	421.6	401.6	366.2	329.3	313.9	298.5	290.8	284.7	280.1
75°	370.8	352.4	338.5	321.6	290.8	266.2	244.7	238.5	233.9	232.4	229.3
77.5°	277.0	264.7	258.5	241.6	220.0	198.5	189.3	180.0	180.0	177.0	178.5
80°	197.0	189.3	181.6	172.3	153.9	144.6	136.9	130.8	127.7	126.2	127.7
82.5°	124.6	120.0	118.5	112.3	100.0	95.4	89.2	84.6	84.6	84.6	84.6
85°	69.2	69.2	69.2	60.0	55.4	50.8	47.7	46.2	46.2	46.2	47.7
87.5°	29.2	29.2	24.6	24.6	23.1	20.0	18.5	18.5	20.0	20.0	21.5
90°	13.3	7.6	7.6	7.6	6.7	5.7	2.9	1.0	2.9	5.7	6.7
92.5°	144.5	85.5	73.2	60.8	43.7	29.5	19.0	13.3	19.0	29.5	43.7
95°	201.5	118.8	98.8	78.9	56.1	43.7	34.2	31.4	34.2	43.7	56.1
97.5°	192.0	126.4	109.3	92.2	72.2	60.8	52.3	52.3	52.3	60.8	72.2
100°	194.8	138.8	123.6	108.3	90.3	78.9	72.2	72.2	72.2	78.9	90.3
102.5°	204.3	154.9	140.6	126.4	109.3	98.8	93.1	91.2	93.1	98.8	109.3
105°	220.5	174.9	161.1	147.3	130.2	118.8	114.0	111.2	114.0	118.8	130.2
107.5°	237.6	195.8	182.0	168.2	152.1	139.7	134.9	133.0	134.9	139.7	152.1
110°	257.5	215.7	202.9	190.1	173.0	161.6	156.8	154.9	156.8	161.6	173.0

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	276.6	236.6	223.8	211.0	193.9	183.4	177.7	175.8	177.7	183.4	193.9
115°	296.5	258.5	245.6	232.8	214.8	205.3	198.6	195.8	198.6	205.3	214.8
117.5°	315.5	279.4	266.1	252.8	235.7	225.2	219.5	216.7	219.5	225.2	235.7
120°	335.5	299.4	286.0	272.7	256.6	246.1	239.5	237.6	239.5	246.1	256.6
122.5°	354.5	318.4	305.5	292.7	274.6	265.1	258.5	256.6	258.5	265.1	274.6
125°	371.6	337.4	324.1	310.8	292.7	282.3	276.6	272.7	276.6	282.3	292.7
127.5°	387.7	354.5	341.2	327.9	308.9	297.5	290.8	288.0	290.8	297.5	308.9
130°	403.9	371.6	357.8	344.0	326.0	311.7	304.1	300.3	304.1	311.7	326.0
132.5°	417.2	384.9	372.0	359.2	339.3	326.0	315.5	312.7	315.5	326.0	339.3
135°	429.6	398.2	385.8	373.5	353.5	337.4	327.9	324.1	327.9	337.4	353.5
137.5°	439.1	409.6	397.7	385.8	364.9	349.7	339.3	335.5	339.3	349.7	364.9
140°	448.6	420.1	408.6	397.2	377.3	361.1	350.7	347.8	350.7	361.1	377.3
142.5°	457.1	429.6	418.6	407.7	388.7	373.5	364.0	361.1	364.0	373.5	388.7
145°	462.8	438.1	427.6	417.2	399.1	385.8	376.3	373.5	376.3	385.8	399.1
147.5°	469.5	445.7	436.2	426.7	411.5	397.2	388.7	387.7	388.7	397.2	411.5
150°	474.2	453.3	444.3	435.3	421.0	409.6	402.0	401.0	402.0	409.6	421.0
152.5°	478.0	460.0	451.9	443.8	431.5	421.0	413.4	413.4	413.4	421.0	431.5
155°	481.8	465.7	458.6	451.4	441.0	431.5	425.8	424.8	425.8	431.5	441.0
157.5°	484.7	470.4	464.7	459.0	449.5	441.9	436.2	436.2	436.2	441.9	449.5
160°	486.6	475.2	470.0	464.7	457.1	450.5	446.7	446.7	446.7	450.5	457.1
162.5°	488.5	478.0	474.2	470.4	463.8	458.1	455.2	456.2	455.2	458.1	463.8
165°	488.5	479.9	477.0	474.2	469.5	464.7	462.8	462.8	462.8	464.7	469.5
167.5°	488.5	481.8	479.4	477.1	474.2	470.4	469.5	470.4	469.5	470.4	474.2
170°	487.5	482.8	481.4	479.9	478.0	475.2	474.2	475.2	474.2	475.2	478.0
172.5°	486.6	483.7	482.8	481.8	480.9	479.0	479.0	479.9	479.0	479.0	480.9
175°	485.6	483.7	483.7	483.7	482.8	481.8	481.8	482.8	481.8	481.8	482.8
177.5°	484.7	483.7	483.7	483.7	483.7	482.8	483.7	484.7	483.7	482.8	483.7
180°	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1829.6	1823.4	1826.5	1811.1	1797.3	1777.3	1760.3	1757.3	1754.2	1763.4	1757.3
5°	1777.3	1769.6	1761.9	1743.4	1715.7	1698.8	1674.2	1672.6	1663.4	1649.5	1652.6
7.5°	1720.3	1715.7	1704.9	1675.7	1651.1	1621.8	1601.8	1584.9	1577.2	1564.9	1560.3
10°	1674.2	1657.2	1648.0	1615.7	1586.4	1555.7	1529.5	1517.2	1503.4	1492.6	1484.9
12.5°	1611.1	1606.5	1580.3	1554.1	1529.5	1494.1	1474.1	1438.7	1420.3	1429.5	1426.4
15°	1569.5	1548.0	1541.8	1504.9	1463.3	1440.3	1403.3	1380.3	1372.6	1358.7	1341.8
17.5°	1514.1	1500.3	1478.7	1444.9	1397.2	1364.9	1338.7	1317.2	1307.9	1289.5	1275.6
20°	1461.8	1438.7	1421.8	1391.0	1344.9	1303.3	1271.0	1257.2	1234.1	1218.7	1211.0
22.5°	1414.1	1397.2	1372.6	1326.4	1286.4	1246.4	1207.9	1187.9	1166.4	1157.1	1144.8
25°	1355.6	1327.9	1311.0	1260.2	1217.1	1184.8	1149.4	1123.3	1111.0	1095.6	1092.5
27.5°	1298.7	1272.5	1252.5	1207.9	1155.6	1114.1	1092.5	1074.0	1052.5	1052.5	1044.8
30°	1241.8	1223.3	1192.5	1149.4	1100.2	1060.2	1035.6	1018.7	1011.0	1004.8	1003.3
32.5°	1184.8	1160.2	1141.8	1083.3	1046.3	1009.4	991.0	977.1	967.9	966.3	967.9
35°	1126.4	1098.7	1080.2	1027.9	991.0	957.1	949.4	937.1	932.5	930.9	938.6
37.5°	1064.8	1043.3	1020.2	977.1	935.6	915.6	900.2	895.6	894.0	903.2	906.3
40°	1007.9	989.4	967.9	921.7	890.9	869.4	861.7	857.1	863.2	872.5	877.1
42.5°	954.0	927.9	910.9	869.4	841.7	829.4	820.2	820.2	826.3	837.1	844.8
45°	897.1	877.1	860.2	823.2	798.6	784.8	783.2	784.8	792.5	800.1	809.4
47.5°	841.7	821.7	803.2	772.5	750.9	743.2	741.7	743.2	755.5	766.3	777.1
50°	790.9	769.4	752.4	723.2	706.3	697.1	698.6	706.3	715.5	730.9	744.8
52.5°	730.9	715.5	700.1	674.0	658.6	652.4	657.0	663.2	680.1	690.9	707.8
55°	672.4	658.6	646.3	626.3	614.0	609.3	612.4	621.7	635.5	654.0	674.0
57.5°	618.6	603.2	590.9	577.0	563.2	564.7	566.3	578.6	595.5	612.4	635.5
60°	558.6	549.3	538.6	521.6	515.5	515.5	520.1	533.9	549.3	577.0	597.0
62.5°	504.7	492.4	484.7	473.9	464.7	466.2	477.0	489.3	507.8	530.9	557.0
65°	449.3	435.5	429.3	420.1	417.0	418.5	426.2	444.7	464.7	484.7	509.3
67.5°	387.8	383.1	377.0	367.8	370.8	372.4	380.1	395.5	417.0	437.0	464.7
70°	335.4	326.2	324.7	317.0	317.0	321.6	337.0	347.8	367.8	389.3	418.5
72.5°	280.1	272.4	272.4	266.2	270.8	275.4	283.1	298.5	317.0	338.5	363.1
75°	223.1	220.0	223.1	220.0	220.0	227.7	237.0	249.3	269.3	292.4	312.4
77.5°	172.3	172.3	170.8	175.4	175.4	180.0	192.3	204.7	220.0	238.5	260.0
80°	126.2	126.2	126.2	130.8	135.4	135.4	143.1	158.5	172.3	184.6	204.7
82.5°	86.2	86.2	86.2	89.2	95.4	95.4	104.6	113.9	129.3	140.0	149.3
85°	52.3	52.3	50.8	53.9	55.4	60.0	67.7	73.9	81.6	90.8	100.0
87.5°	23.1	23.1	24.6	26.2	27.7	30.8	33.9	36.9	44.6	47.7	52.3
90°	7.6	7.6	7.6	13.3	13.3	15.2	17.1	16.2	17.1	18.1	19.0
92.5°	60.8	73.2	85.5	144.5	236.6	326.0	372.5	309.8	229.0	171.1	134.9
95°	78.9	98.8	118.8	201.5	357.3	584.5	774.5	796.4	704.2	556.9	429.6
97.5°	92.2	109.3	126.4	192.0	326.0	559.8	828.7	998.8	1014.0	940.8	836.3
100°	108.3	123.6	138.8	194.8	302.2	496.1	764.1	1007.4	1146.1	1165.1	1118.6
102.5°	126.4	140.6	154.9	204.3	295.6	453.3	683.3	936.1	1139.5	1252.6	1281.1
105°	147.3	161.1	174.9	220.5	299.4	432.4	623.4	846.8	1064.4	1228.8	1322.9
107.5°	168.2	182.0	195.8	237.6	310.8	426.7	584.5	773.6	972.2	1149.9	1281.1
110°	190.1	202.9	215.7	257.5	324.1	428.6	566.4	721.3	890.5	1054.9	1192.7

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	211.0	223.8	236.6	276.6	338.3	434.3	557.9	691.9	830.6	971.3	1099.5
115°	232.8	245.6	258.5	296.5	353.5	441.9	556.0	675.7	794.5	911.4	1022.6
117.5°	252.8	266.1	279.4	315.5	368.7	449.5	555.0	667.1	773.6	872.4	962.7
120°	272.7	286.0	299.4	335.5	384.9	458.1	555.0	660.5	760.3	848.7	924.7
122.5°	292.7	305.5	318.4	354.5	400.1	466.6	554.1	652.9	748.9	833.5	900.9
125°	310.8	324.1	337.4	371.6	415.3	475.2	553.1	644.3	735.6	817.3	882.9
127.5°	327.9	341.2	354.5	387.7	428.6	481.8	551.2	632.9	720.4	799.2	864.8
130°	344.0	357.8	371.6	403.9	441.0	489.4	550.2	622.5	701.4	776.4	841.1
132.5°	359.2	372.0	384.9	417.2	453.3	496.1	549.3	613.0	681.4	750.8	813.5
135°	373.5	385.8	398.2	429.6	463.8	502.7	548.3	603.5	663.3	725.1	783.1
137.5°	385.8	397.7	409.6	439.1	471.4	506.5	548.3	594.9	646.2	700.4	750.8
140°	397.2	408.6	420.1	448.6	479.0	511.3	547.4	588.3	632.0	676.6	719.4
142.5°	407.7	418.6	429.6	457.1	484.7	515.1	547.4	582.6	618.7	656.7	691.9
145°	417.2	427.6	438.1	462.8	488.5	516.0	545.5	575.9	606.3	638.6	667.1
147.5°	426.7	436.2	445.7	469.5	492.3	517.0	542.6	570.2	595.9	622.5	646.2
150°	435.3	444.3	453.3	474.2	495.1	517.0	539.8	563.6	586.4	608.2	627.2
152.5°	443.8	451.9	460.0	478.0	497.0	515.1	535.0	556.0	575.9	594.0	611.1
155°	451.4	458.6	465.7	481.8	498.0	513.2	530.3	548.3	565.5	580.7	594.9
157.5°	459.0	464.7	470.4	484.7	498.0	511.3	525.5	540.7	554.1	567.4	579.7
160°	464.7	470.0	475.2	486.6	498.0	508.4	519.8	532.2	543.6	554.1	564.5
162.5°	470.4	474.2	478.0	488.5	498.0	505.6	514.1	524.6	533.1	541.7	549.3
165°	474.2	477.0	479.9	488.5	496.1	501.8	508.4	516.0	523.6	529.3	536.0
167.5°	477.1	479.4	481.8	488.5	494.2	498.0	502.7	508.4	514.1	518.9	524.6
170°	479.9	481.4	482.8	487.5	492.3	494.2	497.0	500.8	505.6	508.4	512.2
172.5°	481.8	482.8	483.7	486.6	490.4	490.4	491.3	494.2	498.0	499.9	501.8
175°	483.7	483.7	483.7	485.6	488.5	487.5	487.5	489.4	491.3	492.3	494.2
177.5°	483.7	483.7	483.7	484.7	486.6	484.7	484.7	485.6	486.6	487.5	487.5
180°	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1752.6	1751.1	1743.4	1746.5	1737.2	1740.3	1744.9	1746.5	1752.6	1748.0	1746.5
5°	1644.9	1641.8	1637.2	1632.6	1631.1	1637.2	1626.5	1629.5	1632.6	1637.2	1643.4
7.5°	1557.2	1555.7	1551.1	1543.4	1540.3	1537.2	1538.7	1549.5	1548.0	1546.4	1557.2
10°	1477.2	1478.7	1469.5	1468.0	1458.7	1457.2	1458.7	1461.8	1466.4	1472.6	1474.1
12.5°	1394.1	1414.1	1397.2	1391.0	1377.2	1384.9	1388.0	1374.1	1381.8	1386.4	1409.5
15°	1341.8	1332.6	1321.8	1321.8	1315.6	1312.6	1304.9	1315.6	1321.8	1331.0	1327.9
17.5°	1269.5	1254.1	1247.9	1241.8	1243.3	1249.5	1232.5	1257.2	1257.2	1261.8	1254.1
20°	1206.4	1194.1	1186.4	1183.3	1178.7	1175.6	1174.1	1180.2	1189.5	1192.5	1200.2
22.5°	1140.2	1140.2	1127.9	1123.3	1120.2	1115.6	1123.3	1118.7	1124.8	1131.0	1143.3
25°	1084.8	1084.8	1080.2	1074.0	1069.4	1066.4	1071.0	1069.4	1074.0	1081.7	1084.8
27.5°	1040.2	1035.6	1034.0	1032.5	1031.0	1032.5	1031.0	1035.6	1040.2	1041.7	1038.7
30°	1001.7	997.1	998.6	998.6	1000.2	998.6	997.1	1001.7	1003.3	1000.2	1001.7
32.5°	966.3	966.3	969.4	971.0	971.0	972.5	974.0	971.0	972.5	967.9	969.4
35°	937.1	940.2	943.3	944.8	946.3	944.8	947.9	946.3	943.3	940.2	938.6
37.5°	907.9	910.9	917.1	918.6	923.2	924.8	921.7	921.7	920.2	914.0	910.9
40°	877.1	880.2	887.9	892.5	895.6	900.2	897.1	897.1	890.9	884.8	880.2
42.5°	847.9	854.0	861.7	866.3	872.5	872.5	872.5	869.4	861.7	855.5	850.9
45°	818.6	820.2	830.9	838.6	844.8	844.8	844.8	840.2	835.5	823.2	817.1
47.5°	786.3	790.9	803.2	810.9	817.1	818.6	818.6	814.0	804.8	794.0	786.3
50°	750.9	758.6	772.5	783.2	790.9	794.0	789.4	786.3	775.5	763.2	754.0
52.5°	717.1	726.3	743.2	752.4	763.2	764.8	763.2	758.6	746.3	729.4	721.7
55°	683.2	690.9	709.4	724.8	734.0	737.1	734.0	726.3	710.9	694.0	686.3
57.5°	646.3	657.0	677.0	692.4	703.2	704.7	701.7	694.0	681.7	660.1	649.4
60°	607.8	621.7	641.7	657.0	670.9	672.4	669.4	658.6	643.2	621.7	612.4
62.5°	569.3	580.1	603.2	620.1	630.9	638.6	632.4	621.7	606.3	584.7	570.9
65°	524.7	540.1	560.1	575.5	587.8	589.3	586.3	577.0	560.1	537.0	526.3
67.5°	481.6	492.4	512.4	532.4	537.0	541.6	537.0	527.8	513.9	493.9	478.6
70°	429.3	438.5	463.2	477.0	483.2	487.8	484.7	475.5	463.2	444.7	432.4
72.5°	377.0	384.7	407.8	418.5	430.8	429.3	427.8	421.6	404.7	392.4	384.7
75°	321.6	330.8	346.2	360.1	364.7	364.7	364.7	360.1	349.3	329.3	321.6
77.5°	270.8	275.4	287.7	295.4	300.1	301.6	300.1	292.4	286.2	272.4	267.7
80°	207.7	220.0	229.3	230.8	237.0	237.0	237.0	233.9	227.7	213.9	212.3
82.5°	157.0	160.0	169.3	173.9	177.0	175.4	175.4	169.3	167.7	160.0	157.0
85°	106.2	110.8	109.3	115.4	116.9	113.9	113.9	116.9	109.3	110.8	106.2
87.5°	58.5	58.5	61.5	60.0	66.2	66.2	63.1	64.6	61.5	60.0	58.5
90°	19.0	19.0	20.0	20.9	20.0	20.0	20.0	20.9	20.0	19.0	19.0
92.5°	123.0	111.2	96.9	90.3	86.5	86.5	86.5	90.3	96.9	111.2	123.0
95°	383.5	337.4	290.8	261.3	244.2	231.9	244.2	261.3	290.8	337.4	383.5
97.5°	783.1	729.9	665.2	608.2	579.7	556.9	579.7	608.2	665.2	729.9	783.1
100°	1083.4	1048.2	965.6	907.6	879.1	871.5	879.1	907.6	965.6	1048.2	1083.4
102.5°	1271.6	1262.1	1219.3	1181.3	1150.9	1145.2	1150.9	1181.3	1219.3	1262.1	1271.6
105°	1342.4	1361.8	1363.7	1356.1	1342.8	1337.1	1342.8	1356.1	1363.7	1361.8	1342.4
107.5°	1321.0	1360.9	1402.7	1419.8	1427.4	1428.4	1427.4	1419.8	1402.7	1360.9	1321.0
110°	1245.0	1297.2	1364.7	1404.6	1421.7	1430.3	1421.7	1404.6	1364.7	1297.2	1245.0



TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1151.8	1204.1	1283.0	1333.3	1359.0	1374.2	1359.0	1333.3	1283.0	1204.1	1151.8
115°	1068.2	1113.8	1188.9	1245.9	1276.3	1283.9	1276.3	1245.9	1188.9	1113.8	1068.2
117.5°	1002.6	1042.5	1109.1	1158.5	1190.8	1195.5	1190.8	1158.5	1109.1	1042.5	1002.6
120°	958.4	992.2	1046.3	1088.1	1112.9	1123.3	1112.9	1088.1	1046.3	992.2	958.4
122.5°	929.4	957.9	1001.7	1035.9	1055.8	1066.3	1055.8	1035.9	1001.7	957.9	929.4
125°	909.0	935.1	973.2	1000.7	1018.8	1024.5	1018.8	1000.7	973.2	935.1	909.0
127.5°	889.5	914.2	952.2	977.0	992.2	997.9	992.2	977.0	952.2	914.2	889.5
130°	866.2	891.4	930.4	954.1	969.4	975.1	969.4	954.1	930.4	891.4	866.2
132.5°	838.7	863.9	901.9	929.4	943.7	949.4	943.7	929.4	901.9	863.9	838.7
135°	806.8	830.6	868.6	895.2	910.4	916.1	910.4	895.2	868.6	830.6	806.8
137.5°	772.6	794.5	830.6	858.2	870.5	877.2	870.5	858.2	830.6	794.5	772.6
140°	739.3	759.3	792.6	813.5	826.8	834.4	826.8	813.5	792.6	759.3	739.3
142.5°	708.5	725.1	753.6	772.6	784.0	788.8	784.0	772.6	753.6	725.1	708.5
145°	680.4	693.8	717.5	733.7	743.2	747.9	743.2	733.7	717.5	693.8	680.4
147.5°	657.2	668.1	686.1	700.4	708.0	709.9	708.0	700.4	686.1	668.1	657.2
150°	635.8	644.3	659.5	671.9	677.6	678.5	677.6	671.9	659.5	644.3	635.8
152.5°	617.8	624.4	636.7	646.2	649.1	650.0	649.1	646.2	636.7	624.4	617.8
155°	600.6	606.3	615.8	623.4	626.3	626.3	626.3	623.4	615.8	606.3	600.6
157.5°	584.4	589.2	596.8	602.5	604.4	604.4	604.4	602.5	596.8	589.2	584.4
160°	568.3	572.1	577.8	583.5	584.5	584.5	584.5	583.5	577.8	572.1	568.3
162.5°	552.6	556.0	559.8	565.5	566.4	565.5	566.4	565.5	559.8	556.0	552.6
165°	538.4	540.7	544.5	548.3	547.4	546.4	547.4	548.3	544.5	540.7	538.4
167.5°	526.0	527.4	529.3	532.2	532.2	531.2	532.2	532.2	529.3	527.4	526.0
170°	513.7	515.1	517.0	517.9	517.0	517.0	517.0	517.9	517.0	515.1	513.7
172.5°	502.8	503.7	504.6	505.6	504.6	502.7	504.6	505.6	504.6	503.7	502.8
175°	494.2	494.2	494.2	496.1	494.2	492.3	494.2	496.1	494.2	494.2	494.2
177.5°	488.0	488.5	487.5	488.5	486.6	484.7	486.6	488.5	487.5	488.5	488.0
180°	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1746.5	1755.7	1746.5	1752.6	1755.7	1763.4	1766.5	1780.3	1784.9	1795.7	1795.7
5°	1641.8	1646.5	1648.0	1654.2	1660.3	1675.7	1686.5	1706.5	1729.6	1732.6	1746.5
7.5°	1557.2	1564.9	1577.2	1572.6	1583.4	1606.5	1620.3	1644.9	1668.0	1680.3	1697.2
10°	1481.8	1491.0	1495.7	1500.3	1520.3	1540.3	1561.8	1578.8	1609.5	1628.0	1641.8
12.5°	1420.3	1412.6	1421.8	1438.7	1461.8	1474.1	1503.4	1529.5	1552.6	1572.6	1584.9
15°	1340.2	1346.4	1355.6	1384.9	1391.0	1421.8	1432.6	1461.8	1504.9	1523.4	1538.7
17.5°	1263.3	1283.3	1301.8	1312.6	1331.0	1355.6	1386.4	1418.7	1446.4	1468.0	1486.4
20°	1201.8	1221.8	1232.5	1240.2	1258.7	1292.5	1321.8	1361.8	1397.2	1414.1	1438.7
22.5°	1152.5	1152.5	1167.9	1191.0	1201.8	1234.1	1258.7	1301.8	1340.2	1361.8	1384.9
25°	1091.0	1100.2	1112.5	1132.5	1147.9	1174.1	1209.5	1246.4	1287.9	1306.4	1335.6
27.5°	1040.2	1051.0	1067.9	1072.5	1087.9	1111.0	1147.9	1187.9	1231.0	1251.0	1275.6
30°	1001.7	1007.9	1014.0	1023.3	1037.1	1057.1	1087.9	1123.3	1175.6	1191.0	1221.8
32.5°	967.9	971.0	974.0	981.7	989.4	1009.4	1034.0	1072.5	1115.6	1138.7	1166.4
35°	937.1	934.0	935.6	940.2	947.9	955.6	981.7	1014.0	1054.0	1081.7	1103.3
37.5°	907.9	901.7	900.2	900.2	903.2	912.5	932.5	960.2	1003.3	1026.3	1047.9
40°	875.5	869.4	866.3	864.8	863.2	869.4	884.8	912.5	946.3	967.9	992.5
42.5°	844.8	838.6	830.9	829.4	826.3	829.4	840.2	866.3	895.6	917.1	937.1
45°	814.0	803.2	794.0	787.8	789.4	784.8	792.5	812.5	846.3	860.2	880.2
47.5°	780.1	767.8	755.5	749.4	743.2	746.3	749.4	766.3	795.5	809.4	829.4
50°	747.8	730.9	717.1	709.4	704.7	701.7	704.7	721.7	743.2	755.5	772.5
52.5°	710.9	694.0	680.1	667.8	661.7	657.0	658.6	674.0	694.0	706.3	723.2
55°	677.0	655.5	637.0	621.7	617.0	615.5	614.0	624.7	641.7	654.0	667.8
57.5°	638.6	617.0	597.0	578.6	569.3	567.8	567.8	570.9	592.4	601.7	609.3
60°	600.1	577.0	555.5	538.6	524.7	520.1	518.6	524.7	535.5	544.7	555.5
62.5°	557.0	533.9	507.8	492.4	478.6	466.2	470.9	472.4	487.8	492.4	501.6
65°	515.5	489.3	467.8	443.2	427.8	420.1	417.0	420.1	432.4	433.9	440.1
67.5°	467.8	443.2	417.0	400.1	386.2	372.4	369.3	369.3	375.5	380.1	387.8
70°	421.6	397.0	367.8	349.3	335.4	323.1	318.5	317.0	321.6	324.7	332.4
72.5°	367.8	343.1	321.6	301.6	284.7	275.4	270.8	267.7	272.4	275.4	277.0
75°	310.8	290.8	269.3	249.3	238.5	229.3	223.1	218.5	221.6	221.6	221.6
77.5°	257.0	237.0	220.0	206.2	192.3	181.6	177.0	172.3	173.9	173.9	177.0
80°	200.0	186.2	172.3	160.0	147.7	138.5	135.4	130.8	127.7	126.2	126.2
82.5°	147.7	136.9	124.6	113.9	107.7	98.5	95.4	89.2	89.2	87.7	87.7
85°	98.5	92.3	80.0	72.3	67.7	63.1	60.0	56.9	52.3	52.3	50.8
87.5°	52.3	49.2	46.2	36.9	36.9	32.3	30.8	29.2	24.6	26.2	26.2
90°	19.0	18.1	17.1	16.2	17.1	15.2	13.3	13.3	7.6	7.6	7.6
92.5°	134.9	171.1	229.0	309.8	372.5	326.0	236.6	144.5	85.5	73.2	60.8
95°	429.6	556.9	704.2	796.4	774.5	584.5	357.3	201.5	118.8	98.8	78.9
97.5°	836.3	940.8	1014.0	998.8	828.7	559.8	326.0	192.0	126.4	109.3	92.2
100°	1118.6	1165.1	1146.1	1007.4	764.1	496.1	302.2	194.8	138.8	123.6	108.3
102.5°	1281.1	1252.6	1139.5	936.1	683.3	453.3	295.6	204.3	154.9	140.6	126.4
105°	1322.9	1228.8	1064.4	846.8	623.4	432.4	299.4	220.5	174.9	161.1	147.3
107.5°	1281.1	1149.9	972.2	773.6	584.5	426.7	310.8	237.6	195.8	182.0	168.2
110°	1192.7	1054.9	890.5	721.3	566.4	428.6	324.1	257.5	215.7	202.9	190.1

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1099.5	971.3	830.6	691.9	557.9	434.3	338.3	276.6	236.6	223.8	211.0
115°	1022.6	911.4	794.5	675.7	556.0	441.9	353.5	296.5	258.5	245.6	232.8
117.5°	962.7	872.4	773.6	667.1	555.0	449.5	368.7	315.5	279.4	266.1	252.8
120°	924.7	848.7	760.3	660.5	555.0	458.1	384.9	335.5	299.4	286.0	272.7
122.5°	900.9	833.5	748.9	652.9	554.1	466.6	400.1	354.5	318.4	305.5	292.7
125°	882.9	817.3	735.6	644.3	553.1	475.2	415.3	371.6	337.4	324.1	310.8
127.5°	864.8	799.2	720.4	632.9	551.2	481.8	428.6	387.7	354.5	341.2	327.9
130°	841.1	776.4	701.4	622.5	550.2	489.4	441.0	403.9	371.6	357.8	344.0
132.5°	813.5	750.8	681.4	613.0	549.3	496.1	453.3	417.2	384.9	372.0	359.2
135°	783.1	725.1	663.3	603.5	548.3	502.7	463.8	429.6	398.2	385.8	373.5
137.5°	750.8	700.4	646.2	594.9	548.3	506.5	471.4	439.1	409.6	397.7	385.8
140°	719.4	676.6	632.0	588.3	547.4	511.3	479.0	448.6	420.1	408.6	397.2
142.5°	691.9	656.7	618.7	582.6	547.4	515.1	484.7	457.1	429.6	418.6	407.7
145°	667.1	638.6	606.3	575.9	545.5	516.0	488.5	462.8	438.1	427.6	417.2
147.5°	646.2	622.5	595.9	570.2	542.6	517.0	492.3	469.5	445.7	436.2	426.7
150°	627.2	608.2	586.4	563.6	539.8	517.0	495.1	474.2	453.3	444.3	435.3
152.5°	611.1	594.0	575.9	556.0	535.0	515.1	497.0	478.0	460.0	451.9	443.8
155°	594.9	580.7	565.5	548.3	530.3	513.2	498.0	481.8	465.7	458.6	451.4
157.5°	579.7	567.4	554.1	540.7	525.5	511.3	498.0	484.7	470.4	464.7	459.0
160°	564.5	554.1	543.6	532.2	519.8	508.4	498.0	486.6	475.2	470.0	464.7
162.5°	549.3	541.7	533.1	524.6	514.1	505.6	498.0	488.5	478.0	474.2	470.4
165°	536.0	529.3	523.6	516.0	508.4	501.8	496.1	488.5	479.9	477.0	474.2
167.5°	524.6	518.9	514.1	508.4	502.7	498.0	494.2	488.5	481.8	479.4	477.1
170°	512.2	508.4	505.6	500.8	497.0	494.2	492.3	487.5	482.8	481.4	479.9
172.5°	501.8	499.9	498.0	494.2	491.3	490.4	490.4	486.6	483.7	482.8	481.8
175°	494.2	492.3	491.3	489.4	487.5	487.5	488.5	485.6	483.7	483.7	483.7
177.5°	487.5	487.5	486.6	485.6	484.7	484.7	486.6	484.7	483.7	483.7	483.7
180°	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7	483.7

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1857.3	1857.3	1857.3	1857.3
2.5°	1806.5	1821.9	1835.7	1857.3
5°	1766.5	1788.0	1817.3	1849.6
7.5°	1720.3	1754.2	1792.6	1837.3
10°	1677.2	1715.7	1764.9	1818.8
12.5°	1632.6	1678.8	1732.6	1791.1
15°	1581.8	1628.0	1688.0	1766.5
17.5°	1535.7	1591.1	1655.7	1738.8
20°	1481.8	1534.1	1604.9	1700.3
22.5°	1434.1	1494.1	1572.6	1655.7
25°	1381.8	1434.1	1512.6	1612.6
27.5°	1329.5	1394.1	1469.5	1566.4
30°	1278.7	1332.6	1414.1	1515.7
32.5°	1223.3	1287.9	1363.3	1458.7
35°	1163.3	1224.8	1295.6	1398.7
37.5°	1109.4	1169.4	1241.8	1332.6
40°	1049.4	1112.5	1178.7	1269.5
42.5°	991.0	1047.9	1114.1	1197.1
45°	934.0	983.3	1043.3	1115.6
47.5°	875.5	917.1	972.5	1037.1
50°	812.5	857.1	898.6	952.5
52.5°	754.0	792.5	826.3	870.9
55°	697.1	723.2	750.9	784.8
57.5°	637.0	657.0	677.0	712.4
60°	577.0	595.5	606.3	629.3
62.5°	518.6	526.3	540.1	553.9
65°	453.9	464.7	472.4	489.3
67.5°	395.5	400.1	407.8	418.5
70°	333.9	344.7	347.8	355.5
72.5°	281.6	286.2	289.3	290.8
75°	223.1	227.7	230.8	240.0
77.5°	175.4	173.9	180.0	181.6
80°	129.3	124.6	126.2	132.3
82.5°	84.6	86.2	84.6	84.6
85°	52.3	50.8	47.7	49.2
87.5°	23.1	23.1	21.5	21.5
90°	6.7	5.7	2.9	1.0
92.5°	43.7	29.5	19.0	13.3
95°	56.1	43.7	34.2	31.4
97.5°	72.2	60.8	52.3	52.3
100°	90.3	78.9	72.2	72.2
102.5°	109.3	98.8	93.1	91.2
105°	130.2	118.8	114.0	111.2
107.5°	152.1	139.7	134.9	133.0
110°	173.0	161.6	156.8	154.9

TEST NUMBER: P1000859

CATALOG NUMBER: SA4XXDIP-B1195D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	193.9	183.4	177.7	175.8
115°	214.8	205.3	198.6	195.8
117.5°	235.7	225.2	219.5	216.7
120°	256.6	246.1	239.5	237.6
122.5°	274.6	265.1	258.5	256.6
125°	292.7	282.3	276.6	272.7
127.5°	308.9	297.5	290.8	288.0
130°	326.0	311.7	304.1	300.3
132.5°	339.3	326.0	315.5	312.7
135°	353.5	337.4	327.9	324.1
137.5°	364.9	349.7	339.3	335.5
140°	377.3	361.1	350.7	347.8
142.5°	388.7	373.5	364.0	361.1
145°	399.1	385.8	376.3	373.5
147.5°	411.5	397.2	388.7	387.7
150°	421.0	409.6	402.0	401.0
152.5°	431.5	421.0	413.4	413.4
155°	441.0	431.5	425.8	424.8
157.5°	449.5	441.9	436.2	436.2
160°	457.1	450.5	446.7	446.7
162.5°	463.8	458.1	455.2	456.2
165°	469.5	464.7	462.8	462.8
167.5°	474.2	470.4	469.5	470.4
170°	478.0	475.2	474.2	475.2
172.5°	480.9	479.0	479.0	479.9
175°	482.8	481.8	481.8	482.8
177.5°	483.7	482.8	483.7	484.7
180°	483.7	483.7	483.7	483.7

(END OF REPORT)