

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: P1001044

Luminaire Tested: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1001044
REPORT IS A COMBINATION OF REPORTS P995660 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1
Description: Define 4 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

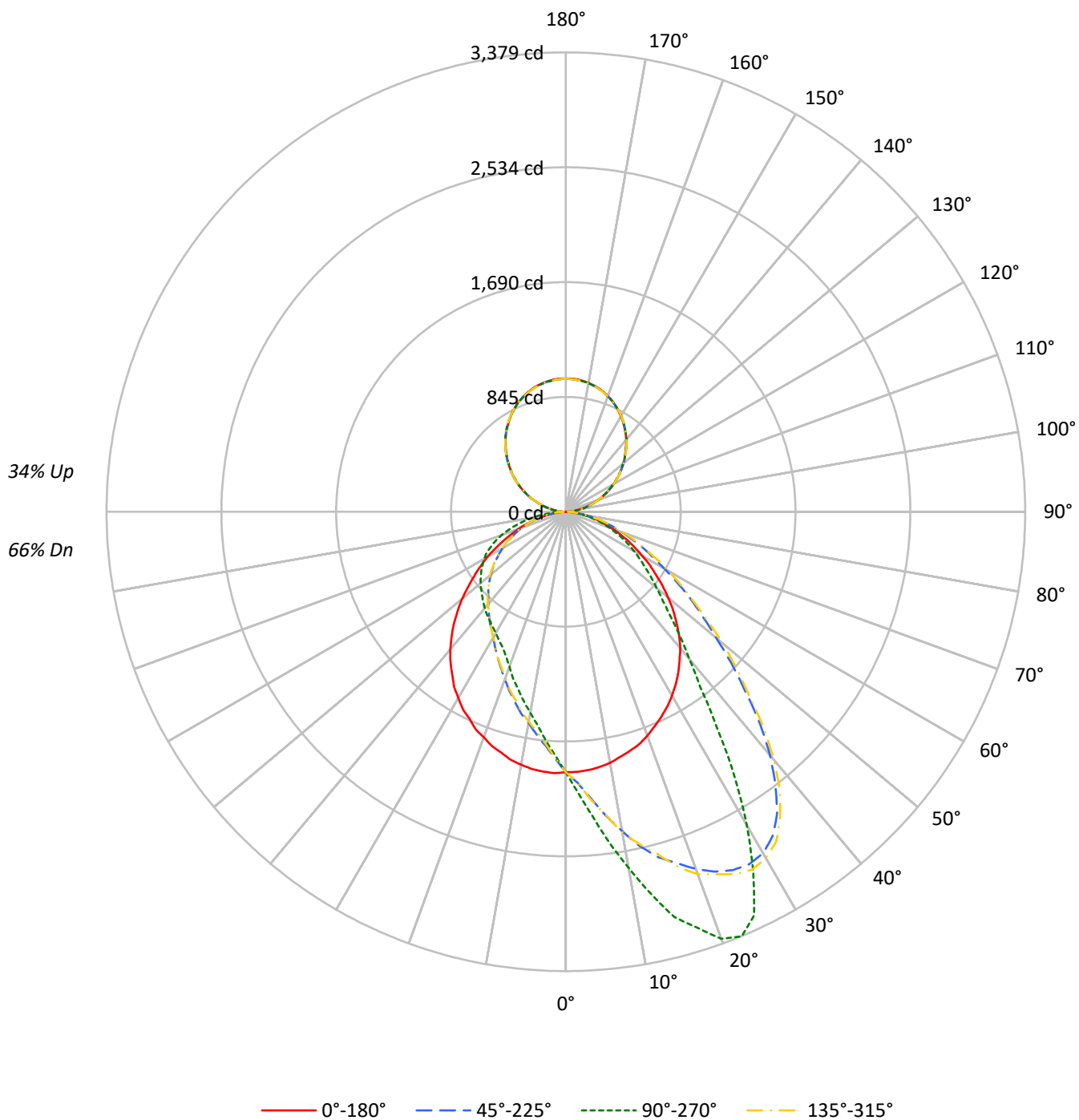
Lumens per Lamp: N/A
Luminaire Lumens: 8002.0 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 82.4
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

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

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	111	111	111	111	104	104	104	104	92	92	92	81	81	81	71	71	71
1	102	97	93	90	96	92	88	85	81	79	77	72	70	68	63	62	60
2	93	85	79	74	87	81	75	71	72	68	64	64	60	57	56	54	51
3	85	75	68	62	80	71	65	59	64	58	54	56	52	49	50	47	44
4	78	67	59	53	73	63	56	51	57	51	46	51	46	42	45	41	38
5	72	60	52	46	67	57	49	44	51	45	40	46	41	37	40	37	34
6	66	54	46	40	62	51	44	38	46	40	35	41	36	33	37	33	30
7	61	49	41	35	58	46	39	34	42	36	31	38	33	29	34	30	26
8	57	45	37	31	54	42	35	30	38	32	28	35	30	26	31	27	24
9	53	41	33	28	50	39	32	27	35	29	25	32	27	23	29	25	22
10	50	38	30	25	47	36	29	24	33	27	23	30	25	21	27	23	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15615	15615	15615	15615
5°	15576	17914	15667	13460
10°	15459	20900	15577	11809
15°	15273	24094	15380	10567
20°	15076	26126	15185	9474
25°	14787	25827	14928	8667
30°	14505	21347	14681	8251
35°	14109	15908	14264	8000
40°	13647	11984	13778	7877
45°	12941	9618	13102	7709
50°	12097	8103	12274	7630
55°	11106	7052	11281	7540
60°	10144	6211	10441	7415
65°	9239	5343	9327	7106
70°	8177	4396	8353	6543
75°	7132	3378	7086	5559
80°	5610	2220	5548	4220
85°	3697	998	3464	2461

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 20191 cd/sqm

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.4	2.3
10°-20°	575.2	7.2
20°-30°	913.8	11.4
30°-40°	1015.4	12.7
40°-50°	923.4	11.5
50°-60°	754.6	9.4
60°-70°	538.6	6.7
70°-80°	296.4	3.7
80°-90°	82.2	1.0
90°-100°	63.8	0.8
100°-110°	191.1	2.4
110°-120°	324.7	4.1
120°-130°	428.2	5.4
130°-140°	480.9	6.0
140°-150°	472.7	5.9
150°-160°	397.5	5.0
160°-170°	264.5	3.3
170°-180°	92.6	1.2
0°-30°	1675.4	20.9
0°-40°	2690.8	33.6
0°-60°	4368.8	54.6
0°-90°	5286.1	66.1
90°-120°	579.5	7.2
90°-150°	1961.3	24.5
90°-180°	2716.0	33.9
0°-180°	8002.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1915	1915	1915	1915	1915	
5°	1907	2246	1918	1688	1907	181
15°	1821	3086	1834	1353	1821	514
25°	1663	3276	1678	1099	1663	766
35°	1442	1937	1458	974	1442	901
45°	1150	1087	1164	871	1150	887
55°	809	711	822	760	809	728
65°	504	457	509	608	504	498
75°	248	228	246	376	248	260
85°	51	48	48	117	51	59
90°	2	23	2	23	2	6
95°	45	60	45	60	45	49
105°	176	185	176	185	176	187
115°	330	327	330	327	330	326
125°	481	477	481	477	481	429
135°	620	621	620	621	620	480
145°	753	754	753	754	753	471
155°	863	862	863	862	863	397
165°	940	937	940	937	940	265
175°	977	973	977	973	977	93
180°	979	979	979	979	979	

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1914.9	1933.9	1941.9	1948.2	1968.8	1975.2	1976.8	1986.3	1994.2	1995.8	1995.8
5°	1907.0	1937.1	1960.9	1983.1	2016.4	2030.7	2048.2	2067.2	2092.6	2108.4	2116.4
7.5°	1894.3	1938.7	1975.2	2013.3	2059.3	2087.8	2103.7	2154.4	2189.4	2217.9	2252.8
10°	1875.2	1932.3	1984.7	2040.2	2105.3	2140.2	2175.1	2236.9	2286.1	2341.7	2386.1
12.5°	1846.7	1921.2	1984.7	2062.4	2143.3	2184.6	2225.8	2333.7	2390.8	2440.0	2519.3
15°	1821.3	1895.9	1986.3	2065.6	2165.6	2227.4	2287.7	2357.5	2447.9	2554.2	2630.4
17.5°	1792.7	1886.3	1970.4	2081.5	2192.5	2251.2	2300.4	2408.3	2535.2	2639.9	2709.7
20°	1753.1	1848.3	1959.3	2076.7	2208.4	2254.4	2319.4	2463.8	2578.0	2681.2	2795.4
22.5°	1707.1	1818.1	1935.5	2048.2	2184.6	2281.4	2352.8	2479.7	2617.7	2736.7	2865.2
25°	1662.6	1783.2	1886.3	2040.2	2184.6	2249.6	2330.5	2481.3	2632.0	2776.4	2908.0
27.5°	1615.0	1727.7	1867.3	1989.5	2152.9	2224.3	2311.5	2476.5	2636.7	2781.1	2922.3
30°	1562.7	1683.3	1799.1	1943.4	2102.1	2194.1	2275.0	2454.3	2617.7	2768.4	2900.1
32.5°	1504.0	1618.2	1742.0	1878.4	2045.0	2138.6	2240.1	2424.2	2598.7	2728.8	2830.3
35°	1442.1	1557.9	1665.8	1805.4	1976.8	2070.4	2168.7	2371.8	2544.7	2651.0	2709.7
37.5°	1373.9	1483.4	1589.7	1727.7	1899.0	1999.0	2098.9	2295.6	2459.1	2547.9	2532.0
40°	1308.9	1407.2	1505.6	1635.7	1814.9	1921.2	2008.5	2206.8	2349.6	2387.7	2335.3
42.5°	1234.3	1318.4	1413.6	1546.8	1721.3	1821.3	1930.8	2111.6	2217.9	2202.0	2113.2
45°	1150.2	1224.8	1320.0	1445.3	1623.0	1726.1	1818.1	1989.5	2067.2	2027.5	1865.7
47.5°	1069.3	1142.3	1220.0	1345.3	1518.3	1605.5	1699.1	1853.0	1897.4	1813.4	1651.5
50°	982.0	1042.3	1123.2	1242.2	1404.0	1496.1	1573.8	1697.5	1713.4	1610.3	1442.1
52.5°	898.0	948.7	1026.5	1143.9	1294.6	1367.6	1443.7	1553.2	1540.5	1434.2	1272.4
55°	809.1	856.7	928.1	1036.0	1169.2	1239.0	1304.1	1400.9	1373.9	1264.4	1123.2
57.5°	734.5	767.9	837.7	937.6	1047.1	1123.2	1178.8	1254.9	1213.7	1104.2	972.5
60°	648.9	690.1	748.8	829.7	937.6	988.4	1037.6	1088.3	1059.8	955.1	837.7
62.5°	571.1	602.9	653.6	731.4	815.5	861.5	913.8	945.5	917.0	820.2	721.9
65°	504.5	529.9	569.5	633.0	713.9	752.0	782.1	812.3	788.5	698.1	626.7
67.5°	431.5	453.7	487.1	537.8	606.0	633.0	661.6	682.2	655.2	594.9	525.1
70°	366.5	382.3	414.1	452.1	499.7	525.1	548.9	569.5	545.8	495.0	442.6
72.5°	299.8	312.5	341.1	368.1	410.9	428.4	445.8	461.7	453.7	406.1	363.3
75°	247.5	252.3	271.3	293.5	320.5	339.5	352.2	361.7	355.4	317.3	290.3
77.5°	187.2	193.6	207.8	225.3	249.1	260.2	268.1	277.6	269.7	239.6	220.5
80°	136.4	138.0	146.0	161.8	177.7	179.3	187.2	199.9	195.1	174.5	160.2
82.5°	87.3	92.0	95.2	104.7	115.8	119.0	123.7	126.9	125.3	112.6	107.9
85°	50.8	50.8	53.9	60.3	63.5	68.2	69.8	71.4	74.6	66.6	61.9
87.5°	22.2	23.8	23.8	25.4	28.6	28.6	30.1	31.7	33.3	31.7	27.0
90°	2.3	4.1	6.0	7.8	9.7	10.6	11.3	12.6	14.0	15.3	16.7
92.5°	19.7	21.9	24.1	26.2	28.4	29.5	29.9	30.8	31.6	32.5	33.3
95°	45.4	46.9	48.4	49.9	51.4	52.2	52.8	54.0	55.1	56.3	57.5
97.5°	72.7	74.0	75.4	76.7	78.0	78.7	79.4	80.7	82.1	83.4	84.8
100°	106.0	106.7	107.3	108.0	108.7	109.0	109.8	111.3	112.8	114.3	115.8
102.5°	140.8	141.0	141.2	141.3	141.5	141.6	142.3	143.6	144.9	146.3	147.6
105°	176.4	176.6	176.7	176.9	177.0	177.1	177.4	178.1	178.8	179.5	180.2
107.5°	213.5	213.7	213.8	214.0	214.1	214.2	214.3	214.5	214.6	214.8	215.0
110°	251.3	251.6	252.0	252.3	252.6	252.8	252.7	252.6	252.4	252.3	252.1



TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	290.7	290.7	290.7	290.7	290.7	290.7	290.5	290.2	289.9	289.5	289.2
115°	330.1	330.1	330.1	330.1	330.1	330.1	329.9	329.6	329.2	328.9	328.5
117.5°	367.2	367.2	367.2	367.2	367.2	367.2	367.1	366.9	366.8	366.6	366.4
120°	404.3	405.0	405.6	406.3	407.0	407.3	407.0	406.5	406.0	405.5	405.0
122.5°	442.9	443.1	443.2	443.4	443.5	443.6	443.5	443.4	443.2	443.1	442.9
125°	480.7	480.7	480.7	480.7	480.7	480.7	480.6	480.5	480.3	480.2	480.0
127.5°	514.8	515.3	515.8	516.3	516.8	517.0	516.8	516.5	516.2	515.8	515.5
130°	551.1	551.6	552.1	552.6	553.1	553.4	553.4	553.4	553.4	553.4	553.4
132.5°	588.2	588.5	588.9	589.2	589.5	589.7	589.6	589.5	589.3	589.2	589.0
135°	620.0	621.0	622.0	623.0	624.0	624.5	624.5	624.5	624.5	624.5	624.5
137.5°	655.6	656.1	656.6	657.1	657.6	657.9	658.1	658.4	658.7	659.1	659.4
140°	691.2	691.5	691.9	692.2	692.5	692.7	692.7	692.7	692.7	692.7	692.7
142.5°	723.7	724.0	724.4	724.7	725.0	725.2	725.1	725.0	724.8	724.7	724.5
145°	753.2	753.9	754.6	755.3	756.0	756.3	756.4	756.5	756.7	756.8	757.0
147.5°	783.5	784.3	785.2	786.0	786.9	787.3	787.2	787.1	786.9	786.8	786.6
150°	810.8	811.5	812.1	812.8	813.5	813.8	813.8	813.8	813.8	813.8	813.8
152.5°	836.5	836.8	837.2	837.5	837.8	838.0	838.1	838.3	838.4	838.6	838.8
155°	863.0	863.0	863.0	863.0	863.0	863.0	862.9	862.8	862.6	862.5	862.3
157.5°	885.7	885.4	885.0	884.7	884.4	884.2	884.2	884.2	884.2	884.2	884.2
160°	905.4	905.2	905.0	904.9	904.7	904.6	904.5	904.4	904.2	904.1	903.9
162.5°	923.6	923.1	922.6	922.1	921.6	921.3	921.2	921.0	920.9	920.7	920.5
165°	939.5	939.0	938.5	938.0	937.5	937.2	937.0	936.7	936.4	936.0	935.7
167.5°	952.3	951.6	951.0	950.3	949.6	949.3	949.3	949.3	949.3	949.3	949.3
170°	962.9	962.1	961.3	960.4	959.6	959.2	959.3	959.4	959.6	959.7	959.9
172.5°	970.5	969.8	969.2	968.5	967.8	967.5	967.5	967.5	967.5	967.5	967.5
175°	977.3	976.5	975.6	974.8	973.9	973.5	973.4	973.3	973.1	973.0	972.8
177.5°	980.3	979.5	978.7	977.8	977.0	976.6	976.6	976.6	976.6	976.6	976.6
180°	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	2000.6	2029.1	2041.8	2045.0	2062.4	2051.3	2056.1	2054.5	2067.2	2068.8	2068.8
5°	2146.5	2179.8	2190.9	2206.8	2230.6	2236.9	2232.2	2241.7	2259.2	2246.5	2265.5
7.5°	2300.4	2336.9	2362.3	2397.2	2405.1	2425.7	2438.4	2449.5	2452.7	2454.3	2457.5
10°	2443.2	2489.2	2524.1	2582.8	2595.5	2606.6	2662.1	2639.9	2668.5	2659.0	2662.1
12.5°	2559.0	2649.4	2678.0	2776.4	2785.9	2823.9	2820.8	2855.7	2862.0	2874.7	2862.0
15°	2711.3	2816.0	2862.0	2917.5	2949.3	2993.7	3001.6	3049.2	3068.3	3085.7	3068.3
17.5°	2850.9	2906.4	3023.8	3068.3	3088.9	3112.7	3173.0	3190.4	3219.0	3207.9	3239.6
20°	2920.7	3000.0	3123.8	3199.9	3231.7	3253.9	3304.7	3331.6	3342.7	3342.7	3345.9
22.5°	2982.6	3096.8	3188.8	3276.1	3304.7	3320.5	3350.7	3371.3	3376.0	3379.2	3382.4
25°	3038.1	3141.2	3215.8	3265.0	3276.1	3276.1	3293.5	3280.9	3260.2	3276.1	3285.6
27.5°	3038.1	3111.1	3144.4	3161.9	3161.9	3119.0	3093.6	3041.3	2996.9	2984.2	3012.7
30°	2987.4	3020.7	2974.7	2931.8	2898.5	2870.0	2770.0	2690.7	2674.8	2663.7	2706.5
32.5°	2870.0	2827.1	2736.7	2612.9	2563.8	2498.7	2421.0	2360.7	2324.2	2311.5	2302.0
35°	2662.1	2551.1	2433.7	2267.1	2232.2	2149.7	2043.4	1999.0	1938.7	1937.1	1957.7
37.5°	2435.3	2263.9	2137.0	1978.3	1929.2	1841.9	1742.0	1696.0	1654.7	1623.0	1661.1
40°	2170.3	2021.2	1827.6	1697.5	1627.7	1581.7	1497.6	1446.9	1427.8	1412.0	1435.8
42.5°	1922.8	1759.4	1608.7	1475.4	1418.3	1366.0	1310.4	1261.3	1247.0	1245.4	1262.8
45°	1676.9	1516.7	1377.1	1262.8	1226.4	1194.6	1140.7	1126.4	1102.6	1086.7	1094.7
47.5°	1480.2	1315.2	1199.4	1112.1	1080.4	1053.4	1018.5	994.7	974.1	967.8	977.3
50°	1286.6	1175.6	1056.6	983.6	959.8	934.4	907.5	885.3	875.7	869.4	875.7
52.5°	1131.2	1012.2	931.3	872.6	848.8	829.7	810.7	801.2	788.5	791.7	798.0
55°	991.6	886.8	818.6	775.8	761.5	753.6	729.8	718.7	713.9	710.7	713.9
57.5°	859.9	783.7	733.0	696.5	677.4	672.7	653.6	653.6	648.9	644.1	645.7
60°	755.2	690.1	640.9	612.4	609.2	601.3	588.6	587.0	575.9	580.7	582.2
62.5°	648.9	596.5	563.2	545.8	534.6	531.5	523.5	522.0	517.2	518.8	515.6
65°	564.8	522.0	488.6	474.4	469.6	468.0	461.7	456.9	453.7	456.9	453.7
67.5°	480.7	452.1	426.8	412.5	406.1	404.6	399.8	396.6	398.2	393.4	396.6
70°	401.4	372.8	357.0	349.0	345.9	341.1	341.1	341.1	341.1	337.9	336.3
72.5°	337.9	309.4	298.3	293.5	290.3	288.7	284.0	285.6	284.0	282.4	288.7
75°	268.1	250.7	239.6	234.8	238.0	233.2	228.5	231.6	226.9	228.5	234.8
77.5°	203.1	195.1	188.8	185.6	182.4	179.3	179.3	176.1	176.1	176.1	176.1
80°	147.5	146.0	134.9	133.3	133.3	130.1	130.1	130.1	130.1	128.5	130.1
82.5°	98.4	96.8	93.6	92.0	88.8	90.4	90.4	87.3	87.3	85.7	87.3
85°	57.1	57.1	53.9	52.4	50.8	52.4	49.2	47.6	49.2	47.6	49.2
87.5°	27.0	23.8	25.4	23.8	20.6	22.2	19.0	20.6	19.0	17.5	20.6
90°	17.7	18.7	19.7	20.7	21.2	21.4	21.7	22.0	22.4	22.7	22.4
92.5°	33.8	34.3	34.8	35.3	35.6	35.7	35.8	36.0	36.1	36.3	36.1
95°	58.0	58.5	59.0	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8
97.5°	85.5	86.1	86.8	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
100°	116.1	116.5	116.8	117.1	117.3	117.3	117.3	117.3	117.3	117.3	117.3
102.5°	148.1	148.6	149.1	149.6	149.9	150.0	150.1	150.3	150.4	150.6	150.4
105°	180.7	181.2	181.7	182.2	182.4	182.7	183.2	183.7	184.2	184.7	184.2
107.5°	215.7	216.3	217.0	217.7	218.0	217.9	217.8	217.6	217.5	217.3	217.5
110°	251.8	251.4	251.1	250.8	250.6	250.8	251.3	251.8	252.3	252.8	252.3

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2
115°	328.3	328.2	328.0	327.9	327.8	327.7	327.5	327.4	327.2	327.0	327.2
117.5°	365.9	365.4	364.9	364.4	364.1	363.9	363.4	362.9	362.4	361.9	362.4
120°	404.2	403.3	402.5	401.6	401.2	401.4	401.7	402.0	402.4	402.7	402.4
122.5°	442.4	441.9	441.4	440.9	440.6	440.2	439.3	438.5	437.6	436.8	437.6
125°	479.6	479.3	478.9	478.6	478.4	478.2	477.9	477.6	477.2	476.9	477.2
127.5°	515.2	514.8	514.5	514.2	514.0	513.9	513.8	513.6	513.5	513.3	513.5
130°	553.1	552.7	552.4	552.1	551.9	551.6	550.9	550.2	549.5	548.8	549.5
132.5°	588.7	588.3	588.0	587.7	587.5	587.4	587.2	587.1	586.9	586.7	586.9
135°	624.2	623.8	623.5	623.2	623.0	622.8	622.3	621.8	621.3	620.8	621.3
137.5°	658.9	658.4	657.9	657.4	657.1	657.2	657.4	657.5	657.7	657.9	657.7
140°	692.5	692.3	692.2	692.0	691.9	691.8	691.7	691.5	691.4	691.2	691.4
142.5°	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5
145°	756.8	756.7	756.5	756.4	756.3	756.0	755.5	755.0	754.5	754.0	754.5
147.5°	786.4	786.2	786.1	785.9	785.8	785.7	785.5	785.4	785.2	785.0	785.2
150°	813.8	813.8	813.8	813.8	813.8	813.7	813.5	813.4	813.2	813.0	813.2
152.5°	839.3	839.8	840.3	840.8	841.1	840.8	840.3	839.8	839.3	838.8	839.3
155°	863.0	863.6	864.3	865.0	865.3	865.0	864.3	863.6	863.0	862.3	863.0
157.5°	884.7	885.2	885.7	886.2	886.5	886.2	885.7	885.2	884.7	884.2	884.7
160°	904.4	904.9	905.4	905.9	906.2	905.8	904.9	904.1	903.2	902.4	903.2
162.5°	921.5	922.5	923.6	924.6	925.1	924.7	923.8	923.0	922.1	921.3	922.1
165°	936.7	937.7	938.7	939.7	940.2	939.9	939.2	938.5	937.9	937.2	937.9
167.5°	950.3	951.3	952.4	953.4	953.9	953.4	952.4	951.3	950.3	949.3	950.3
170°	960.9	961.9	963.0	964.0	964.5	963.9	962.7	961.6	960.4	959.2	960.4
172.5°	968.7	969.9	971.0	972.2	972.8	972.2	971.0	969.9	968.7	967.5	968.7
175°	974.0	975.2	976.3	977.5	978.1	977.5	976.3	975.2	974.0	972.8	974.0
177.5°	977.8	979.0	980.1	981.3	981.9	981.2	979.9	978.5	977.2	975.8	977.2
180°	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	2065.6	2060.8	2054.5	2054.5	2046.6	2046.6	2033.9	2011.7	1992.6	1986.3	1989.5
5°	2241.7	2243.3	2233.8	2225.8	2211.6	2200.5	2179.8	2140.2	2127.5	2102.1	2084.6
7.5°	2443.2	2436.8	2419.4	2406.7	2403.5	2378.1	2333.7	2286.1	2248.1	2222.7	2186.2
10°	2670.1	2644.7	2619.3	2611.4	2592.3	2549.5	2498.7	2446.4	2394.0	2338.5	2276.6
12.5°	2860.4	2811.3	2809.7	2790.6	2754.1	2730.3	2670.1	2595.5	2505.1	2443.2	2373.4
15°	3065.1	3019.1	2981.0	2946.1	2928.7	2858.8	2808.1	2714.5	2606.6	2540.0	2492.4
17.5°	3211.0	3190.4	3125.4	3109.5	3085.7	3004.8	2923.9	2831.9	2738.3	2644.7	2516.2
20°	3328.4	3315.8	3272.9	3250.7	3212.6	3149.2	3050.8	2944.5	2836.6	2703.4	2582.8
22.5°	3379.2	3363.4	3328.4	3309.4	3285.6	3231.7	3147.6	3027.0	2885.8	2766.8	2638.3
25°	3279.3	3307.8	3298.3	3290.4	3280.9	3249.1	3185.7	3079.4	2941.3	2806.5	2646.3
27.5°	3054.0	3103.2	3150.8	3157.1	3173.0	3185.7	3160.3	3084.1	2968.3	2825.5	2649.4
30°	2751.0	2773.2	2870.0	2898.5	2920.7	3001.6	3049.2	3030.2	2941.3	2812.8	2651.0
32.5°	2362.3	2421.0	2519.3	2587.6	2647.8	2738.3	2862.0	2911.2	2879.5	2774.8	2614.5
35°	1994.2	2064.0	2178.2	2265.5	2325.8	2454.3	2600.3	2706.5	2746.2	2693.9	2551.1
37.5°	1692.8	1776.9	1878.4	1911.7	1981.5	2140.2	2341.7	2489.2	2586.0	2590.7	2479.7
40°	1465.9	1508.7	1589.7	1640.4	1708.6	1841.9	2038.6	2233.8	2379.7	2428.9	2370.2
42.5°	1273.9	1307.3	1367.6	1429.4	1491.3	1592.8	1773.7	1956.1	2152.9	2251.2	2249.6
45°	1121.6	1156.5	1197.8	1248.6	1291.4	1400.9	1543.7	1730.9	1900.6	2052.9	2091.0
47.5°	988.4	1018.5	1069.3	1091.5	1120.1	1223.2	1346.9	1521.4	1697.5	1872.1	1916.5
50°	890.0	915.4	950.3	964.6	996.3	1072.5	1174.0	1315.2	1510.3	1670.6	1753.1
52.5°	801.2	820.2	847.2	858.3	880.5	937.6	1029.6	1140.7	1302.5	1467.5	1583.3
55°	725.0	737.7	756.8	769.4	785.3	836.1	904.3	1004.2	1143.9	1286.6	1399.3
57.5°	653.6	663.2	682.2	688.5	701.2	740.9	788.5	872.6	1001.1	1128.0	1237.5
60°	587.0	593.3	604.5	618.7	628.2	655.2	699.6	769.4	872.6	988.4	1077.2
62.5°	523.5	533.1	536.2	542.6	550.5	575.9	610.8	661.6	752.0	847.2	940.8
65°	458.5	466.4	472.8	474.4	482.3	501.3	533.1	577.5	636.2	718.7	805.9
67.5°	398.2	403.0	406.1	412.5	420.4	429.9	455.3	488.6	542.6	609.2	679.0
70°	342.7	342.7	347.4	349.0	358.5	369.7	380.8	412.5	460.1	514.0	561.6
72.5°	282.4	290.3	288.7	296.7	295.1	303.0	317.3	337.9	372.8	415.7	461.7
75°	230.0	234.8	234.8	234.8	238.0	244.3	252.3	271.3	298.3	333.2	360.1
77.5°	179.3	182.4	182.4	182.4	184.0	190.4	198.3	211.0	230.0	250.7	266.5
80°	128.5	131.7	131.7	134.9	134.9	136.4	144.4	150.7	160.2	176.1	192.0
82.5°	87.3	88.8	92.0	92.0	90.4	93.6	95.2	101.5	111.1	114.2	125.3
85°	47.6	49.2	50.8	50.8	52.4	55.5	53.9	60.3	60.3	66.6	69.8
87.5°	19.0	22.2	22.2	20.6	22.2	22.2	22.2	25.4	27.0	28.6	27.0
90°	22.0	21.7	21.4	21.2	20.7	19.7	18.7	17.7	16.7	15.3	14.0
92.5°	36.0	35.8	35.7	35.6	35.3	34.8	34.3	33.8	33.3	32.5	31.6
95°	59.8	59.8	59.8	59.8	59.5	59.0	58.5	58.0	57.5	56.3	55.1
97.5°	87.8	87.8	87.8	87.8	87.5	86.8	86.1	85.5	84.8	83.4	82.1
100°	117.3	117.3	117.3	117.3	117.1	116.8	116.5	116.1	115.8	114.3	112.8
102.5°	150.3	150.1	150.0	149.9	149.6	149.1	148.6	148.1	147.6	146.3	144.9
105°	183.7	183.2	182.7	182.4	182.2	181.7	181.2	180.7	180.2	179.5	178.8
107.5°	217.6	217.8	217.9	218.0	217.7	217.0	216.3	215.7	215.0	214.8	214.6
110°	251.8	251.3	250.8	250.6	250.8	251.1	251.4	251.8	252.1	252.3	252.4

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.5	289.9
115°	327.4	327.5	327.7	327.8	327.9	328.0	328.2	328.3	328.5	328.9	329.2
117.5°	362.9	363.4	363.9	364.1	364.4	364.9	365.4	365.9	366.4	366.6	366.8
120°	402.0	401.7	401.4	401.2	401.6	402.5	403.3	404.2	405.0	405.5	406.0
122.5°	438.5	439.3	440.2	440.6	440.9	441.4	441.9	442.4	442.9	443.1	443.2
125°	477.6	477.9	478.2	478.4	478.6	478.9	479.3	479.6	480.0	480.2	480.3
127.5°	513.6	513.8	513.9	514.0	514.2	514.5	514.8	515.2	515.5	515.8	516.2
130°	550.2	550.9	551.6	551.9	552.1	552.4	552.7	553.1	553.4	553.4	553.4
132.5°	587.1	587.2	587.4	587.5	587.7	588.0	588.3	588.7	589.0	589.2	589.3
135°	621.8	622.3	622.8	623.0	623.2	623.5	623.8	624.2	624.5	624.5	624.5
137.5°	657.5	657.4	657.2	657.1	657.4	657.9	658.4	658.9	659.4	659.1	658.7
140°	691.5	691.7	691.8	691.9	692.0	692.2	692.3	692.5	692.7	692.7	692.7
142.5°	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.7	724.8
145°	755.0	755.5	756.0	756.3	756.4	756.5	756.7	756.8	757.0	756.8	756.7
147.5°	785.4	785.5	785.7	785.8	785.9	786.1	786.2	786.4	786.6	786.8	786.9
150°	813.4	813.5	813.7	813.8	813.8	813.8	813.8	813.8	813.8	813.8	813.8
152.5°	839.8	840.3	840.8	841.1	840.8	840.3	839.8	839.3	838.8	838.6	838.4
155°	863.6	864.3	865.0	865.3	865.0	864.3	863.6	863.0	862.3	862.5	862.6
157.5°	885.2	885.7	886.2	886.5	886.2	885.7	885.2	884.7	884.2	884.2	884.2
160°	904.1	904.9	905.8	906.2	905.9	905.4	904.9	904.4	903.9	904.1	904.2
162.5°	923.0	923.8	924.7	925.1	924.6	923.6	922.5	921.5	920.5	920.7	920.9
165°	938.5	939.2	939.9	940.2	939.7	938.7	937.7	936.7	935.7	936.0	936.4
167.5°	951.3	952.4	953.4	953.9	953.4	952.4	951.3	950.3	949.3	949.3	949.3
170°	961.6	962.7	963.9	964.5	964.0	963.0	961.9	960.9	959.9	959.7	959.6
172.5°	969.9	971.0	972.2	972.8	972.2	971.0	969.9	968.7	967.5	967.5	967.5
175°	975.2	976.3	977.5	978.1	977.5	976.3	975.2	974.0	972.8	973.0	973.1
177.5°	978.5	979.9	981.2	981.9	981.3	980.1	979.0	977.8	976.6	976.6	976.6
180°	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1975.2	1968.8	1964.1	1964.1	1949.8	1935.5	1927.6	1924.4	1921.2	1908.5	1891.1
5°	2056.1	2035.5	2021.2	2006.9	1983.1	1957.7	1932.3	1918.1	1897.4	1868.9	1848.3
7.5°	2146.5	2097.3	2081.5	2064.0	2016.4	1973.6	1938.7	1908.5	1875.2	1838.7	1802.2
10°	2222.7	2170.3	2135.4	2105.3	2043.4	1986.3	1933.9	1889.5	1846.7	1799.1	1754.7
12.5°	2295.6	2221.1	2184.6	2140.2	2075.1	1992.6	1924.4	1868.9	1805.4	1756.2	1702.3
15°	2397.2	2271.8	2211.6	2183.0	2095.7	1999.0	1916.5	1834.0	1781.6	1707.1	1659.5
17.5°	2413.0	2311.5	2271.8	2198.9	2094.2	1984.7	1889.5	1807.0	1727.7	1661.1	1599.2
20°	2468.6	2335.3	2271.8	2225.8	2087.8	1976.8	1872.1	1765.8	1689.6	1618.2	1548.4
22.5°	2503.5	2352.8	2286.1	2213.1	2081.5	1948.2	1824.5	1732.4	1638.8	1565.9	1510.3
25°	2494.0	2343.2	2268.7	2200.5	2040.2	1907.0	1795.9	1678.5	1591.2	1511.9	1438.9
27.5°	2489.2	2319.4	2240.1	2164.0	2013.3	1873.6	1734.0	1638.8	1542.1	1450.0	1396.1
30°	2476.5	2289.3	2197.3	2114.8	1957.7	1811.8	1692.8	1581.7	1485.0	1400.9	1329.5
32.5°	2433.7	2238.5	2149.7	2060.8	1897.4	1751.5	1630.9	1527.8	1431.0	1343.8	1275.5
35°	2376.6	2178.2	2081.5	1987.9	1824.5	1676.9	1565.9	1458.0	1367.6	1283.5	1218.4
37.5°	2319.4	2108.4	2018.0	1910.1	1759.4	1605.5	1491.3	1394.5	1310.4	1223.2	1151.8
40°	2236.9	2025.9	1926.0	1834.0	1657.9	1513.5	1408.8	1321.5	1239.0	1156.5	1096.3
42.5°	2124.3	1935.5	1832.4	1730.9	1565.9	1423.1	1321.5	1243.8	1166.1	1097.8	1031.2
45°	2010.1	1826.0	1734.0	1643.6	1464.3	1329.5	1235.9	1164.5	1099.4	1024.9	970.9
47.5°	1872.1	1716.6	1624.6	1535.7	1366.0	1231.1	1145.4	1078.8	1018.5	956.7	905.9
50°	1730.9	1596.0	1511.9	1419.9	1258.1	1135.9	1051.8	996.3	947.1	888.4	847.2
52.5°	1578.6	1461.2	1389.8	1300.9	1158.1	1045.5	959.8	904.3	863.0	820.2	783.7
55°	1416.7	1331.1	1254.9	1183.5	1048.7	947.1	871.0	821.8	793.2	753.6	721.9
57.5°	1270.8	1188.3	1142.3	1061.4	944.0	844.0	783.7	742.5	709.2	685.4	660.0
60°	1118.5	1051.8	1001.1	942.4	839.3	755.2	691.7	667.9	633.0	615.6	604.5
62.5°	972.5	924.9	877.3	832.9	740.9	661.6	614.0	583.8	563.2	545.8	536.2
65°	834.5	790.1	756.8	717.1	640.9	577.5	533.1	509.3	488.6	483.9	472.8
67.5°	699.6	680.6	644.1	612.4	547.3	498.2	464.8	434.7	423.6	418.8	409.3
70°	585.4	563.2	534.6	507.7	458.5	415.7	385.5	374.4	358.5	357.0	345.9
72.5°	482.3	455.3	434.7	414.1	377.6	339.5	323.6	307.8	299.8	293.5	288.7
75°	382.3	363.3	349.0	331.6	299.8	274.5	252.3	245.9	241.1	239.6	236.4
77.5°	285.6	272.9	266.5	249.1	226.9	204.7	195.1	185.6	185.6	182.4	184.0
80°	203.1	195.1	187.2	177.7	158.6	149.1	141.2	134.9	131.7	130.1	131.7
82.5°	128.5	123.7	122.2	115.8	103.1	98.4	92.0	87.3	87.3	87.3	87.3
85°	71.4	71.4	71.4	61.9	57.1	52.4	49.2	47.6	47.6	47.6	49.2
87.5°	30.1	30.1	25.4	25.4	23.8	20.6	19.0	19.0	20.6	20.6	22.2
90°	12.6	11.3	10.6	9.7	7.8	6.0	4.1	2.3	4.1	6.0	7.8
92.5°	30.8	29.9	29.5	28.4	26.2	24.1	21.9	19.7	21.9	24.1	26.2
95°	54.0	52.8	52.2	51.4	49.9	48.4	46.9	45.4	46.9	48.4	49.9
97.5°	80.7	79.4	78.7	78.0	76.7	75.4	74.0	72.7	74.0	75.4	76.7
100°	111.3	109.8	109.0	108.7	108.0	107.3	106.7	106.0	106.7	107.3	108.0
102.5°	143.6	142.3	141.6	141.5	141.3	141.2	141.0	140.8	141.0	141.2	141.3
105°	178.1	177.4	177.1	177.0	176.9	176.7	176.6	176.4	176.6	176.7	176.9
107.5°	214.5	214.3	214.2	214.1	214.0	213.8	213.7	213.5	213.7	213.8	214.0
110°	252.6	252.7	252.8	252.6	252.3	252.0	251.6	251.3	251.6	252.0	252.3

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	290.2	290.5	290.7	290.7	290.7	290.7	290.7	290.7	290.7	290.7	290.7
115°	329.6	329.9	330.1	330.1	330.1	330.1	330.1	330.1	330.1	330.1	330.1
117.5°	366.9	367.1	367.2	367.2	367.2	367.2	367.2	367.2	367.2	367.2	367.2
120°	406.5	407.0	407.3	407.0	406.3	405.6	405.0	404.3	405.0	405.6	406.3
122.5°	443.4	443.5	443.6	443.5	443.4	443.2	443.1	442.9	443.1	443.2	443.4
125°	480.5	480.6	480.7	480.7	480.7	480.7	480.7	480.7	480.7	480.7	480.7
127.5°	516.5	516.8	517.0	516.8	516.3	515.8	515.3	514.8	515.3	515.8	516.3
130°	553.4	553.4	553.4	553.1	552.6	552.1	551.6	551.1	551.6	552.1	552.6
132.5°	589.5	589.6	589.7	589.5	589.2	588.9	588.5	588.2	588.5	588.9	589.2
135°	624.5	624.5	624.5	624.0	623.0	622.0	621.0	620.0	621.0	622.0	623.0
137.5°	658.4	658.1	657.9	657.6	657.1	656.6	656.1	655.6	656.1	656.6	657.1
140°	692.7	692.7	692.7	692.5	692.2	691.9	691.5	691.2	691.5	691.9	692.2
142.5°	725.0	725.1	725.2	725.0	724.7	724.4	724.0	723.7	724.0	724.4	724.7
145°	756.5	756.4	756.3	756.0	755.3	754.6	753.9	753.2	753.9	754.6	755.3
147.5°	787.1	787.2	787.3	786.9	786.0	785.2	784.3	783.5	784.3	785.2	786.0
150°	813.8	813.8	813.8	813.5	812.8	812.1	811.5	810.8	811.5	812.1	812.8
152.5°	838.3	838.1	838.0	837.8	837.5	837.2	836.8	836.5	836.8	837.2	837.5
155°	862.8	862.9	863.0	863.0	863.0	863.0	863.0	863.0	863.0	863.0	863.0
157.5°	884.2	884.2	884.2	884.4	884.7	885.0	885.4	885.7	885.4	885.0	884.7
160°	904.4	904.5	904.6	904.7	904.9	905.0	905.2	905.4	905.2	905.0	904.9
162.5°	921.0	921.2	921.3	921.6	922.1	922.6	923.1	923.6	923.1	922.6	922.1
165°	936.7	937.0	937.2	937.5	938.0	938.5	939.0	939.5	939.0	938.5	938.0
167.5°	949.3	949.3	949.3	949.6	950.3	951.0	951.6	952.3	951.6	951.0	950.3
170°	959.4	959.3	959.2	959.6	960.4	961.3	962.1	962.9	962.1	961.3	960.4
172.5°	967.5	967.5	967.5	967.8	968.5	969.2	969.8	970.5	969.8	969.2	968.5
175°	973.3	973.4	973.5	973.9	974.8	975.6	976.5	977.3	976.5	975.6	974.8
177.5°	976.6	976.6	976.6	977.0	977.8	978.7	979.5	980.3	979.5	978.7	977.8
180°	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1886.3	1880.0	1883.2	1867.3	1853.0	1832.4	1814.9	1811.8	1808.6	1818.1	1811.8
5°	1832.4	1824.5	1816.5	1797.5	1768.9	1751.5	1726.1	1724.5	1715.0	1700.7	1703.9
7.5°	1773.7	1768.9	1757.8	1727.7	1702.3	1672.2	1651.5	1634.1	1626.1	1613.5	1608.7
10°	1726.1	1708.6	1699.1	1665.8	1635.7	1603.9	1577.0	1564.3	1550.0	1538.9	1531.0
12.5°	1661.1	1656.3	1629.3	1602.4	1577.0	1540.5	1519.9	1483.4	1464.3	1473.8	1470.7
15°	1618.2	1596.0	1589.7	1551.6	1508.7	1485.0	1446.9	1423.1	1415.1	1400.9	1383.4
17.5°	1561.1	1546.8	1524.6	1489.7	1440.5	1407.2	1380.2	1358.0	1348.5	1329.5	1315.2
20°	1507.2	1483.4	1465.9	1434.2	1386.6	1343.8	1310.4	1296.2	1272.4	1256.5	1248.6
22.5°	1458.0	1440.5	1415.1	1367.6	1326.3	1285.1	1245.4	1224.8	1202.6	1193.0	1180.3
25°	1397.7	1369.1	1351.7	1299.3	1254.9	1221.6	1185.1	1158.1	1145.4	1129.6	1126.4
27.5°	1339.0	1312.0	1291.4	1245.4	1191.5	1148.6	1126.4	1107.4	1085.2	1085.2	1077.2
30°	1280.3	1261.3	1229.5	1185.1	1134.3	1093.1	1067.7	1050.3	1042.3	1036.0	1034.4
32.5°	1221.6	1196.2	1177.2	1116.9	1078.8	1040.7	1021.7	1007.4	997.9	996.3	997.9
35°	1161.3	1132.8	1113.7	1059.8	1021.7	986.8	978.9	966.2	961.4	959.8	967.8
37.5°	1097.8	1075.6	1051.8	1007.4	964.6	944.0	928.1	923.3	921.7	931.3	934.4
40°	1039.1	1020.1	997.9	950.3	918.6	896.4	888.4	883.7	890.0	899.5	904.3
42.5°	983.6	956.7	939.2	896.4	867.8	855.1	845.6	845.6	851.9	863.0	871.0
45°	924.9	904.3	886.8	848.8	823.4	809.1	807.5	809.1	817.0	825.0	834.5
47.5°	867.8	847.2	828.1	796.4	774.2	766.3	764.7	766.3	779.0	790.1	801.2
50°	815.5	793.2	775.8	745.6	728.2	718.7	720.3	728.2	737.7	753.6	767.9
52.5°	753.6	737.7	721.9	694.9	679.0	672.7	677.4	683.8	701.2	712.3	729.8
55°	693.3	679.0	666.3	645.7	633.0	628.2	631.4	640.9	655.2	674.3	694.9
57.5°	637.8	621.9	609.2	594.9	580.7	582.2	583.8	596.5	614.0	631.4	655.2
60°	575.9	566.4	555.3	537.8	531.5	531.5	536.2	550.5	566.4	594.9	615.6
62.5°	520.4	507.7	499.7	488.6	479.1	480.7	491.8	504.5	523.5	547.3	574.3
65°	463.3	449.0	442.6	433.1	429.9	431.5	439.5	458.5	479.1	499.7	525.1
67.5°	399.8	395.0	388.7	379.2	382.3	383.9	391.9	407.7	429.9	450.6	479.1
70°	345.9	336.3	334.7	326.8	326.8	331.6	347.4	358.5	379.2	401.4	431.5
72.5°	288.7	280.8	280.8	274.5	279.2	284.0	291.9	307.8	326.8	349.0	374.4
75°	230.0	226.9	230.0	226.9	226.9	234.8	244.3	257.0	277.6	301.4	322.1
77.5°	177.7	177.7	176.1	180.9	180.9	185.6	198.3	211.0	226.9	245.9	268.1
80°	130.1	130.1	130.1	134.9	139.6	139.6	147.5	163.4	177.7	190.4	211.0
82.5°	88.8	88.8	88.8	92.0	98.4	98.4	107.9	117.4	133.3	144.4	153.9
85°	53.9	53.9	52.4	55.5	57.1	61.9	69.8	76.2	84.1	93.6	103.1
87.5°	23.8	23.8	25.4	27.0	28.6	31.7	34.9	38.1	46.0	49.2	53.9
90°	9.7	10.6	11.3	12.6	14.0	15.3	16.7	17.7	18.7	19.7	20.7
92.5°	28.4	29.5	29.9	30.8	31.6	32.5	33.3	33.8	34.3	34.8	35.3
95°	51.4	52.2	52.8	54.0	55.1	56.3	57.5	58.0	58.5	59.0	59.5
97.5°	78.0	78.7	79.4	80.7	82.1	83.4	84.8	85.5	86.1	86.8	87.5
100°	108.7	109.0	109.8	111.3	112.8	114.3	115.8	116.1	116.5	116.8	117.1
102.5°	141.5	141.6	142.3	143.6	144.9	146.3	147.6	148.1	148.6	149.1	149.6
105°	177.0	177.1	177.4	178.1	178.8	179.5	180.2	180.7	181.2	181.7	182.2
107.5°	214.1	214.2	214.3	214.5	214.6	214.8	215.0	215.7	216.3	217.0	217.7
110°	252.6	252.8	252.7	252.6	252.4	252.3	252.1	251.8	251.4	251.1	250.8

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	290.7	290.7	290.5	290.2	289.9	289.5	289.2	289.2	289.2	289.2	289.2
115°	330.1	330.1	329.9	329.6	329.2	328.9	328.5	328.3	328.2	328.0	327.9
117.5°	367.2	367.2	367.1	366.9	366.8	366.6	366.4	365.9	365.4	364.9	364.4
120°	407.0	407.3	407.0	406.5	406.0	405.5	405.0	404.2	403.3	402.5	401.6
122.5°	443.5	443.6	443.5	443.4	443.2	443.1	442.9	442.4	441.9	441.4	440.9
125°	480.7	480.7	480.6	480.5	480.3	480.2	480.0	479.6	479.3	478.9	478.6
127.5°	516.8	517.0	516.8	516.5	516.2	515.8	515.5	515.2	514.8	514.5	514.2
130°	553.1	553.4	553.4	553.4	553.4	553.4	553.4	553.1	552.7	552.4	552.1
132.5°	589.5	589.7	589.6	589.5	589.3	589.2	589.0	588.7	588.3	588.0	587.7
135°	624.0	624.5	624.5	624.5	624.5	624.5	624.5	624.2	623.8	623.5	623.2
137.5°	657.6	657.9	658.1	658.4	658.7	659.1	659.4	658.9	658.4	657.9	657.4
140°	692.5	692.7	692.7	692.7	692.7	692.7	692.7	692.5	692.3	692.2	692.0
142.5°	725.0	725.2	725.1	725.0	724.8	724.7	724.5	724.5	724.5	724.5	724.5
145°	756.0	756.3	756.4	756.5	756.7	756.8	757.0	756.8	756.7	756.5	756.4
147.5°	786.9	787.3	787.2	787.1	786.9	786.8	786.6	786.4	786.2	786.1	785.9
150°	813.5	813.8	813.8	813.8	813.8	813.8	813.8	813.8	813.8	813.8	813.8
152.5°	837.8	838.0	838.1	838.3	838.4	838.6	838.8	839.3	839.8	840.3	840.8
155°	863.0	863.0	862.9	862.8	862.6	862.5	862.3	863.0	863.6	864.3	865.0
157.5°	884.4	884.2	884.2	884.2	884.2	884.2	884.2	884.7	885.2	885.7	886.2
160°	904.7	904.6	904.5	904.4	904.2	904.1	903.9	904.4	904.9	905.4	905.9
162.5°	921.6	921.3	921.2	921.0	920.9	920.7	920.5	921.5	922.5	923.6	924.6
165°	937.5	937.2	937.0	936.7	936.4	936.0	935.7	936.7	937.7	938.7	939.7
167.5°	949.6	949.3	949.3	949.3	949.3	949.3	949.3	950.3	951.3	952.4	953.4
170°	959.6	959.2	959.3	959.4	959.6	959.7	959.9	960.9	961.9	963.0	964.0
172.5°	967.8	967.5	967.5	967.5	967.5	967.5	967.5	968.7	969.9	971.0	972.2
175°	973.9	973.5	973.4	973.3	973.1	973.0	972.8	974.0	975.2	976.3	977.5
177.5°	977.0	976.6	976.6	976.6	976.6	976.6	976.6	977.8	979.0	980.1	981.3
180°	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1807.0	1805.4	1797.5	1800.7	1791.1	1794.3	1799.1	1800.7	1807.0	1802.2	1800.7
5°	1696.0	1692.8	1688.0	1683.3	1681.7	1688.0	1676.9	1680.1	1683.3	1688.0	1694.4
7.5°	1605.5	1603.9	1599.2	1591.2	1588.1	1584.9	1586.5	1597.6	1596.0	1594.4	1605.5
10°	1523.0	1524.6	1515.1	1513.5	1504.0	1502.4	1504.0	1507.2	1511.9	1518.3	1519.9
12.5°	1437.4	1458.0	1440.5	1434.2	1419.9	1427.8	1431.0	1416.7	1424.7	1429.4	1453.2
15°	1383.4	1373.9	1362.8	1362.8	1356.4	1353.3	1345.3	1356.4	1362.8	1372.3	1369.1
17.5°	1308.9	1293.0	1286.6	1280.3	1281.9	1288.2	1270.8	1296.2	1296.2	1300.9	1293.0
20°	1243.8	1231.1	1223.2	1220.0	1215.2	1212.1	1210.5	1216.8	1226.4	1229.5	1237.5
22.5°	1175.6	1175.6	1162.9	1158.1	1155.0	1150.2	1158.1	1153.4	1159.7	1166.1	1178.8
25°	1118.5	1118.5	1113.7	1107.4	1102.6	1099.4	1104.2	1102.6	1107.4	1115.3	1118.5
27.5°	1072.5	1067.7	1066.1	1064.5	1062.9	1064.5	1062.9	1067.7	1072.5	1074.1	1070.9
30°	1032.8	1028.0	1029.6	1029.6	1031.2	1029.6	1028.0	1032.8	1034.4	1031.2	1032.8
32.5°	996.3	996.3	999.5	1001.1	1001.1	1002.7	1004.2	1001.1	1002.7	997.9	999.5
35°	966.2	969.3	972.5	974.1	975.7	974.1	977.3	975.7	972.5	969.3	967.8
37.5°	936.0	939.2	945.5	947.1	951.9	953.5	950.3	950.3	948.7	942.4	939.2
40°	904.3	907.5	915.4	920.2	923.3	928.1	924.9	924.9	918.6	912.2	907.5
42.5°	874.2	880.5	888.4	893.2	899.5	899.5	899.5	896.4	888.4	882.1	877.3
45°	844.0	845.6	856.7	864.6	871.0	871.0	871.0	866.2	861.5	848.8	842.4
47.5°	810.7	815.5	828.1	836.1	842.4	844.0	844.0	839.3	829.7	818.6	810.7
50°	774.2	782.1	796.4	807.5	815.5	818.6	813.9	810.7	799.6	786.9	777.4
52.5°	739.3	748.8	766.3	775.8	786.9	788.5	786.9	782.1	769.4	752.0	744.1
55°	704.4	712.3	731.4	747.2	756.8	759.9	756.8	748.8	733.0	715.5	707.6
57.5°	666.3	677.4	698.1	713.9	725.0	726.6	723.4	715.5	702.8	680.6	669.5
60°	626.7	640.9	661.6	677.4	691.7	693.3	690.1	679.0	663.2	640.9	631.4
62.5°	587.0	598.1	621.9	639.4	650.5	658.4	652.0	640.9	625.1	602.9	588.6
65°	541.0	556.9	577.5	593.3	606.0	607.6	604.5	594.9	577.5	553.7	542.6
67.5°	496.6	507.7	528.3	548.9	553.7	558.4	553.7	544.2	529.9	509.3	493.4
70°	442.6	452.1	477.5	491.8	498.2	502.9	499.7	490.2	477.5	458.5	445.8
72.5°	388.7	396.6	420.4	431.5	444.2	442.6	441.0	434.7	417.2	404.6	396.6
75°	331.6	341.1	357.0	371.2	376.0	376.0	376.0	371.2	360.1	339.5	331.6
77.5°	279.2	284.0	296.7	304.6	309.4	311.0	309.4	301.4	295.1	280.8	276.0
80°	214.2	226.9	236.4	238.0	244.3	244.3	244.3	241.1	234.8	220.5	218.9
82.5°	161.8	165.0	174.5	179.3	182.4	180.9	180.9	174.5	172.9	165.0	161.8
85°	109.5	114.2	112.6	119.0	120.6	117.4	117.4	120.6	112.6	114.2	109.5
87.5°	60.3	60.3	63.5	61.9	68.2	68.2	65.0	66.6	63.5	61.9	60.3
90°	21.2	21.4	21.7	22.0	22.4	22.7	22.4	22.0	21.7	21.4	21.2
92.5°	35.6	35.7	35.8	36.0	36.1	36.3	36.1	36.0	35.8	35.7	35.6
95°	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
97.5°	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
100°	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3
102.5°	149.9	150.0	150.1	150.3	150.4	150.6	150.4	150.3	150.1	150.0	149.9
105°	182.4	182.7	183.2	183.7	184.2	184.7	184.2	183.7	183.2	182.7	182.4
107.5°	218.0	217.9	217.8	217.6	217.5	217.3	217.5	217.6	217.8	217.9	218.0
110°	250.6	250.8	251.3	251.8	252.3	252.8	252.3	251.8	251.3	250.8	250.6

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2
115°	327.8	327.7	327.5	327.4	327.2	327.0	327.2	327.4	327.5	327.7	327.8
117.5°	364.1	363.9	363.4	362.9	362.4	361.9	362.4	362.9	363.4	363.9	364.1
120°	401.2	401.4	401.7	402.0	402.4	402.7	402.4	402.0	401.7	401.4	401.2
122.5°	440.6	440.2	439.3	438.5	437.6	436.8	437.6	438.5	439.3	440.2	440.6
125°	478.4	478.2	477.9	477.6	477.2	476.9	477.2	477.6	477.9	478.2	478.4
127.5°	514.0	513.9	513.8	513.6	513.5	513.3	513.5	513.6	513.8	513.9	514.0
130°	551.9	551.6	550.9	550.2	549.5	548.8	549.5	550.2	550.9	551.6	551.9
132.5°	587.5	587.4	587.2	587.1	586.9	586.7	586.9	587.1	587.2	587.4	587.5
135°	623.0	622.8	622.3	621.8	621.3	620.8	621.3	621.8	622.3	622.8	623.0
137.5°	657.1	657.2	657.4	657.5	657.7	657.9	657.7	657.5	657.4	657.2	657.1
140°	691.9	691.8	691.7	691.5	691.4	691.2	691.4	691.5	691.7	691.8	691.9
142.5°	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5	724.5
145°	756.3	756.0	755.5	755.0	754.5	754.0	754.5	755.0	755.5	756.0	756.3
147.5°	785.8	785.7	785.5	785.4	785.2	785.0	785.2	785.4	785.5	785.7	785.8
150°	813.8	813.7	813.5	813.4	813.2	813.0	813.2	813.4	813.5	813.7	813.8
152.5°	841.1	840.8	840.3	839.8	839.3	838.8	839.3	839.8	840.3	840.8	841.1
155°	865.3	865.0	864.3	863.6	863.0	862.3	863.0	863.6	864.3	865.0	865.3
157.5°	886.5	886.2	885.7	885.2	884.7	884.2	884.7	885.2	885.7	886.2	886.5
160°	906.2	905.8	904.9	904.1	903.2	902.4	903.2	904.1	904.9	905.8	906.2
162.5°	925.1	924.7	923.8	923.0	922.1	921.3	922.1	923.0	923.8	924.7	925.1
165°	940.2	939.9	939.2	938.5	937.9	937.2	937.9	938.5	939.2	939.9	940.2
167.5°	953.9	953.4	952.4	951.3	950.3	949.3	950.3	951.3	952.4	953.4	953.9
170°	964.5	963.9	962.7	961.6	960.4	959.2	960.4	961.6	962.7	963.9	964.5
172.5°	972.8	972.2	971.0	969.9	968.7	967.5	968.7	969.9	971.0	972.2	972.8
175°	978.1	977.5	976.3	975.2	974.0	972.8	974.0	975.2	976.3	977.5	978.1
177.5°	981.9	981.2	979.9	978.5	977.2	975.8	977.2	978.5	979.9	981.2	981.9
180°	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1800.7	1810.2	1800.7	1807.0	1810.2	1818.1	1821.3	1835.6	1840.3	1851.4	1851.4
5°	1692.8	1697.5	1699.1	1705.5	1711.8	1727.7	1738.8	1759.4	1783.2	1786.4	1800.7
7.5°	1605.5	1613.5	1626.1	1621.4	1632.5	1656.3	1670.6	1696.0	1719.8	1732.4	1749.9
10°	1527.8	1537.3	1542.1	1546.8	1567.4	1588.1	1610.3	1627.7	1659.5	1678.5	1692.8
12.5°	1464.3	1456.4	1465.9	1483.4	1507.2	1519.9	1550.0	1577.0	1600.8	1621.4	1634.1
15°	1381.8	1388.2	1397.7	1427.8	1434.2	1465.9	1477.0	1507.2	1551.6	1570.6	1586.5
17.5°	1302.5	1323.1	1342.2	1353.3	1372.3	1397.7	1429.4	1462.7	1491.3	1513.5	1532.5
20°	1239.0	1259.7	1270.8	1278.7	1297.7	1332.6	1362.8	1404.0	1440.5	1458.0	1483.4
22.5°	1188.3	1188.3	1204.1	1227.9	1239.0	1272.4	1297.7	1342.2	1381.8	1404.0	1427.8
25°	1124.8	1134.3	1147.0	1167.7	1183.5	1210.5	1247.0	1285.1	1327.9	1346.9	1377.1
27.5°	1072.5	1083.6	1101.0	1105.8	1121.6	1145.4	1183.5	1224.8	1269.2	1289.8	1315.2
30°	1032.8	1039.1	1045.5	1055.0	1069.3	1089.9	1121.6	1158.1	1212.1	1227.9	1259.7
32.5°	997.9	1001.1	1004.2	1012.2	1020.1	1040.7	1066.1	1105.8	1150.2	1174.0	1202.6
35°	966.2	963.0	964.6	969.3	977.3	985.2	1012.2	1045.5	1086.7	1115.3	1137.5
37.5°	936.0	929.7	928.1	928.1	931.3	940.8	961.4	990.0	1034.4	1058.2	1080.4
40°	902.7	896.4	893.2	891.6	890.0	896.4	912.2	940.8	975.7	997.9	1023.3
42.5°	871.0	864.6	856.7	855.1	851.9	855.1	866.2	893.2	923.3	945.5	966.2
45°	839.3	828.1	818.6	812.3	813.9	809.1	817.0	837.7	872.6	886.8	907.5
47.5°	804.3	791.7	779.0	772.6	766.3	769.4	772.6	790.1	820.2	834.5	855.1
50°	771.0	753.6	739.3	731.4	726.6	723.4	726.6	744.1	766.3	779.0	796.4
52.5°	733.0	715.5	701.2	688.5	682.2	677.4	679.0	694.9	715.5	728.2	745.6
55°	698.1	675.8	656.8	640.9	636.2	634.6	633.0	644.1	661.6	674.3	688.5
57.5°	658.4	636.2	615.6	596.5	587.0	585.4	585.4	588.6	610.8	620.3	628.2
60°	618.7	594.9	572.7	555.3	541.0	536.2	534.6	541.0	552.1	561.6	572.7
62.5°	574.3	550.5	523.5	507.7	493.4	480.7	485.5	487.1	502.9	507.7	517.2
65°	531.5	504.5	482.3	456.9	441.0	433.1	429.9	433.1	445.8	447.4	453.7
67.5°	482.3	456.9	429.9	412.5	398.2	383.9	380.8	380.8	387.1	391.9	399.8
70°	434.7	409.3	379.2	360.1	345.9	333.2	328.4	326.8	331.6	334.7	342.7
72.5°	379.2	353.8	331.6	311.0	293.5	284.0	279.2	276.0	280.8	284.0	285.6
75°	320.5	299.8	277.6	257.0	245.9	236.4	230.0	225.3	228.5	228.5	228.5
77.5°	264.9	244.3	226.9	212.6	198.3	187.2	182.4	177.7	179.3	179.3	182.4
80°	206.2	192.0	177.7	165.0	152.3	142.8	139.6	134.9	131.7	130.1	130.1
82.5°	152.3	141.2	128.5	117.4	111.1	101.5	98.4	92.0	92.0	90.4	90.4
85°	101.5	95.2	82.5	74.6	69.8	65.0	61.9	58.7	53.9	53.9	52.4
87.5°	53.9	50.8	47.6	38.1	38.1	33.3	31.7	30.1	25.4	27.0	27.0
90°	20.7	19.7	18.7	17.7	16.7	15.3	14.0	12.6	11.3	10.6	9.7
92.5°	35.3	34.8	34.3	33.8	33.3	32.5	31.6	30.8	29.9	29.5	28.4
95°	59.5	59.0	58.5	58.0	57.5	56.3	55.1	54.0	52.8	52.2	51.4
97.5°	87.5	86.8	86.1	85.5	84.8	83.4	82.1	80.7	79.4	78.7	78.0
100°	117.1	116.8	116.5	116.1	115.8	114.3	112.8	111.3	109.8	109.0	108.7
102.5°	149.6	149.1	148.6	148.1	147.6	146.3	144.9	143.6	142.3	141.6	141.5
105°	182.2	181.7	181.2	180.7	180.2	179.5	178.8	178.1	177.4	177.1	177.0
107.5°	217.7	217.0	216.3	215.7	215.0	214.8	214.6	214.5	214.3	214.2	214.1
110°	250.8	251.1	251.4	251.8	252.1	252.3	252.4	252.6	252.7	252.8	252.6

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	289.2	289.2	289.2	289.2	289.2	289.5	289.9	290.2	290.5	290.7	290.7
115°	327.9	328.0	328.2	328.3	328.5	328.9	329.2	329.6	329.9	330.1	330.1
117.5°	364.4	364.9	365.4	365.9	366.4	366.6	366.8	366.9	367.1	367.2	367.2
120°	401.6	402.5	403.3	404.2	405.0	405.5	406.0	406.5	407.0	407.3	407.0
122.5°	440.9	441.4	441.9	442.4	442.9	443.1	443.2	443.4	443.5	443.6	443.5
125°	478.6	478.9	479.3	479.6	480.0	480.2	480.3	480.5	480.6	480.7	480.7
127.5°	514.2	514.5	514.8	515.2	515.5	515.8	516.2	516.5	516.8	517.0	516.8
130°	552.1	552.4	552.7	553.1	553.4	553.4	553.4	553.4	553.4	553.4	553.1
132.5°	587.7	588.0	588.3	588.7	589.0	589.2	589.3	589.5	589.6	589.7	589.5
135°	623.2	623.5	623.8	624.2	624.5	624.5	624.5	624.5	624.5	624.5	624.0
137.5°	657.4	657.9	658.4	658.9	659.4	659.1	658.7	658.4	658.1	657.9	657.6
140°	692.0	692.2	692.3	692.5	692.7	692.7	692.7	692.7	692.7	692.7	692.5
142.5°	724.5	724.5	724.5	724.5	724.5	724.7	724.8	725.0	725.1	725.2	725.0
145°	756.4	756.5	756.7	756.8	757.0	756.8	756.7	756.5	756.4	756.3	756.0
147.5°	785.9	786.1	786.2	786.4	786.6	786.8	786.9	787.1	787.2	787.3	786.9
150°	813.8	813.8	813.8	813.8	813.8	813.8	813.8	813.8	813.8	813.8	813.5
152.5°	840.8	840.3	839.8	839.3	838.8	838.6	838.4	838.3	838.1	838.0	837.8
155°	865.0	864.3	863.6	863.0	862.3	862.5	862.6	862.8	862.9	863.0	863.0
157.5°	886.2	885.7	885.2	884.7	884.2	884.2	884.2	884.2	884.2	884.2	884.4
160°	905.9	905.4	904.9	904.4	903.9	904.1	904.2	904.4	904.5	904.6	904.7
162.5°	924.6	923.6	922.5	921.5	920.5	920.7	920.9	921.0	921.2	921.3	921.6
165°	939.7	938.7	937.7	936.7	935.7	936.0	936.4	936.7	937.0	937.2	937.5
167.5°	953.4	952.4	951.3	950.3	949.3	949.3	949.3	949.3	949.3	949.3	949.6
170°	964.0	963.0	961.9	960.9	959.9	959.7	959.6	959.4	959.3	959.2	959.6
172.5°	972.2	971.0	969.9	968.7	967.5	967.5	967.5	967.5	967.5	967.5	967.8
175°	977.5	976.3	975.2	974.0	972.8	973.0	973.1	973.3	973.4	973.5	973.9
177.5°	981.3	980.1	979.0	977.8	976.6	976.6	976.6	976.6	976.6	976.6	977.0
180°	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1914.9	1914.9	1914.9	1914.9
2.5°	1862.5	1878.4	1892.7	1914.9
5°	1821.3	1843.5	1873.6	1907.0
7.5°	1773.7	1808.6	1848.3	1894.3
10°	1729.3	1768.9	1819.7	1875.2
12.5°	1683.3	1730.9	1786.4	1846.7
15°	1630.9	1678.5	1740.4	1821.3
17.5°	1583.3	1640.4	1707.1	1792.7
20°	1527.8	1581.7	1654.7	1753.1
22.5°	1478.6	1540.5	1621.4	1707.1
25°	1424.7	1478.6	1559.5	1662.6
27.5°	1370.7	1437.4	1515.1	1615.0
30°	1318.4	1373.9	1458.0	1562.7
32.5°	1261.3	1327.9	1405.6	1504.0
35°	1199.4	1262.8	1335.8	1442.1
37.5°	1143.9	1205.7	1280.3	1373.9
40°	1082.0	1147.0	1215.2	1308.9
42.5°	1021.7	1080.4	1148.6	1234.3
45°	963.0	1013.8	1075.6	1150.2
47.5°	902.7	945.5	1002.7	1069.3
50°	837.7	883.7	926.5	982.0
52.5°	777.4	817.0	851.9	898.0
55°	718.7	745.6	774.2	809.1
57.5°	656.8	677.4	698.1	734.5
60°	594.9	614.0	625.1	648.9
62.5°	534.6	542.6	556.9	571.1
65°	468.0	479.1	487.1	504.5
67.5°	407.7	412.5	420.4	431.5
70°	344.3	355.4	358.5	366.5
72.5°	290.3	295.1	298.3	299.8
75°	230.0	234.8	238.0	247.5
77.5°	180.9	179.3	185.6	187.2
80°	133.3	128.5	130.1	136.4
82.5°	87.3	88.8	87.3	87.3
85°	53.9	52.4	49.2	50.8
87.5°	23.8	23.8	22.2	22.2
90°	7.8	6.0	4.1	2.3
92.5°	26.2	24.1	21.9	19.7
95°	49.9	48.4	46.9	45.4
97.5°	76.7	75.4	74.0	72.7
100°	108.0	107.3	106.7	106.0
102.5°	141.3	141.2	141.0	140.8
105°	176.9	176.7	176.6	176.4
107.5°	214.0	213.8	213.7	213.5
110°	252.3	252.0	251.6	251.3

TEST NUMBER: P1001044

CATALOG NUMBER: SA4XXDIP-B1195D810UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	290.7	290.7	290.7	290.7
115°	330.1	330.1	330.1	330.1
117.5°	367.2	367.2	367.2	367.2
120°	406.3	405.6	405.0	404.3
122.5°	443.4	443.2	443.1	442.9
125°	480.7	480.7	480.7	480.7
127.5°	516.3	515.8	515.3	514.8
130°	552.6	552.1	551.6	551.1
132.5°	589.2	588.9	588.5	588.2
135°	623.0	622.0	621.0	620.0
137.5°	657.1	656.6	656.1	655.6
140°	692.2	691.9	691.5	691.2
142.5°	724.7	724.4	724.0	723.7
145°	755.3	754.6	753.9	753.2
147.5°	786.0	785.2	784.3	783.5
150°	812.8	812.1	811.5	810.8
152.5°	837.5	837.2	836.8	836.5
155°	863.0	863.0	863.0	863.0
157.5°	884.7	885.0	885.4	885.7
160°	904.9	905.0	905.2	905.4
162.5°	922.1	922.6	923.1	923.6
165°	938.0	938.5	939.0	939.5
167.5°	950.3	951.0	951.6	952.3
170°	960.4	961.3	962.1	962.9
172.5°	968.5	969.2	969.8	970.5
175°	974.8	975.6	976.5	977.3
177.5°	977.8	978.7	979.5	980.3
180°	978.8	978.8	978.8	978.8

(END OF REPORT)