

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: P1000772

Luminaire Tested: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000772
REPORT IS A COMBINATION OF REPORTS P995385 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4
Description: Define 4 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

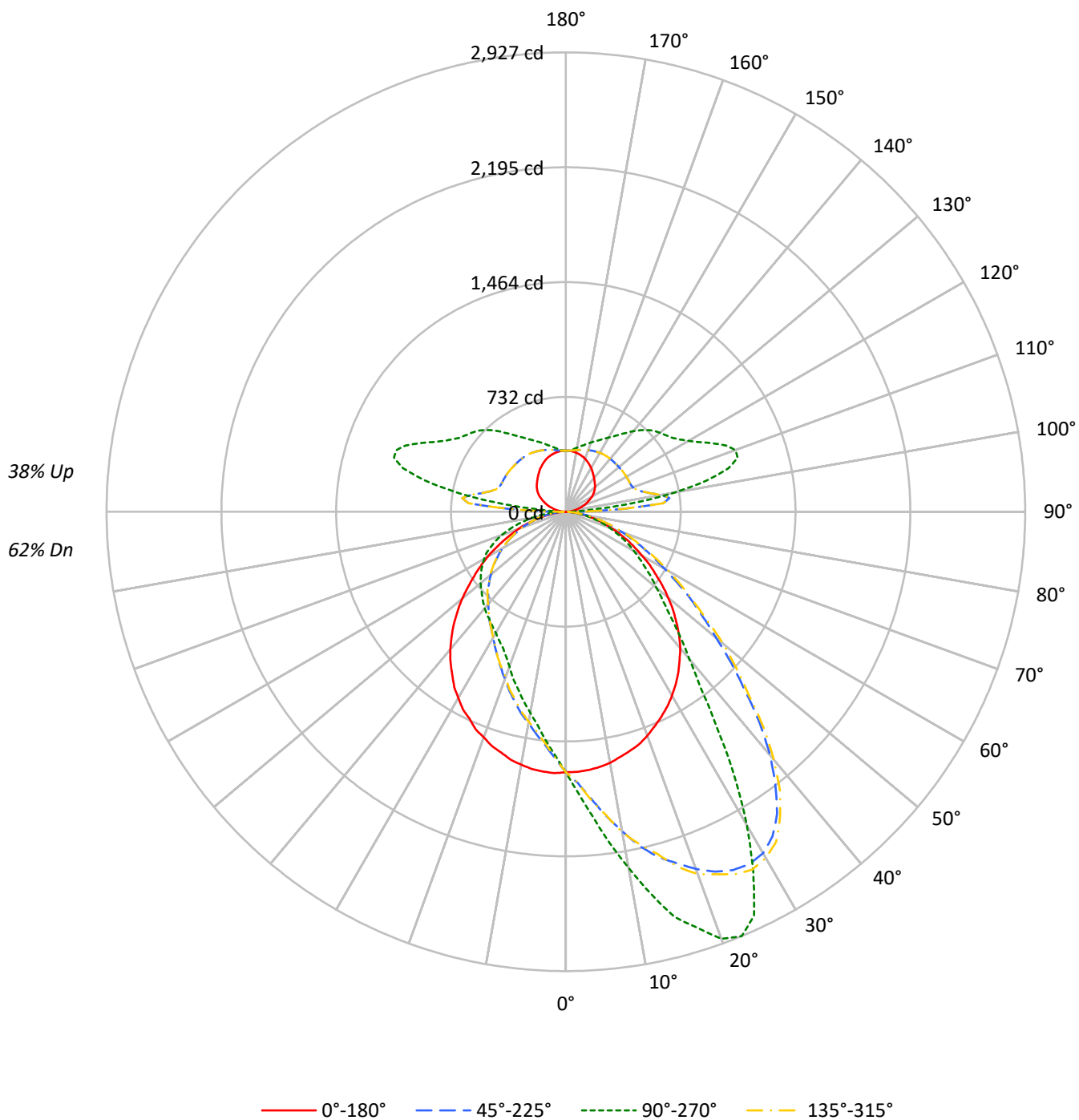
Lumens per Lamp: N/A
Luminaire Lumens: 7410.0 lumens
Efficiency: N/A
Efficacy: 109.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 67.9
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: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

Luminous Intensity Polar Plot



TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

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	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67
1	101	96	93	89	94	90	87	84	79	77	74	69	67	66	60	58	57
2	92	85	78	73	86	79	74	69	70	66	62	61	58	55	53	51	49
3	84	75	67	61	78	70	64	58	62	57	53	54	50	47	47	44	42
4	77	66	58	52	72	62	55	50	55	50	45	48	44	41	42	39	36
5	71	59	51	45	66	56	49	43	50	44	39	44	39	35	38	35	32
6	65	53	45	39	61	50	43	38	45	39	34	40	35	31	35	31	28
7	61	48	40	35	57	46	38	33	41	35	30	36	31	28	32	28	25
8	56	44	36	31	53	42	34	30	37	31	27	33	28	25	29	25	22
9	53	40	33	28	49	38	31	26	34	28	24	31	26	22	27	23	20
10	49	37	30	25	46	35	28	24	32	26	22	28	24	20	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13526	13526	13526	13526
5°	13492	15517	13570	11660
10°	13391	18104	13493	10229
15°	13230	20870	13322	9153
20°	13058	22631	13153	8206
25°	12809	22372	12931	7507
30°	12564	18491	12717	7148
35°	12222	13779	12356	6930
40°	11820	10380	11935	6823
45°	11209	8331	11349	6677
50°	10479	7019	10631	6609
55°	9620	6108	9771	6531
60°	8787	5380	9043	6423
65°	8003	4629	8078	6155
70°	7081	3808	7235	5667
75°	6179	2926	6138	4816
80°	4861	1923	4804	3655
85°	3202	864	2998	2132

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 17489 cd/sqm

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.4	2.2
10°-20°	498.3	6.7
20°-30°	791.6	10.7
30°-40°	879.6	11.9
40°-50°	799.9	10.8
50°-60°	653.6	8.8
60°-70°	466.6	6.3
70°-80°	256.7	3.5
80°-90°	70.9	1.0
90°-100°	281.8	3.8
100°-110°	588.2	7.9
110°-120°	522.9	7.1
120°-130°	440.2	5.9
130°-140°	367.2	5.0
140°-150°	280.4	3.8
150°-160°	197.1	2.7
160°-170°	115.9	1.6
170°-180°	37.7	0.5
0°-30°	1451.2	19.6
0°-40°	2330.8	31.5
0°-60°	3784.3	51.1
0°-90°	4578.5	61.8
90°-120°	1392.9	18.8
90°-150°	2480.7	33.5
90°-180°	2831.0	38.2
0°-180°	7410.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1659	1659	1659	1659	1659	
5°	1652	1946	1661	1462	1652	157
15°	1578	2673	1589	1172	1578	445
25°	1440	2838	1454	952	1440	664
35°	1249	1678	1263	844	1249	780
45°	996	941	1009	754	996	768
55°	701	616	712	658	701	630
65°	437	396	441	526	437	432
75°	214	198	213	326	214	225
85°	44	41	41	102	44	51
90°	1	16	1	16	1	4
95°	25	186	25	186	25	28
105°	89	1075	89	1075	89	95
115°	157	1032	157	1032	157	156
125°	219	823	219	823	219	195
135°	260	736	260	736	260	201
145°	300	601	300	601	300	188
155°	341	503	341	503	341	157
165°	372	439	372	439	372	105
175°	388	396	388	396	388	37
180°	389	389	389	389	389	

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7
2.5°	1658.7	1675.2	1682.0	1687.5	1705.4	1710.9	1712.3	1720.5	1727.4	1728.8	1728.8
5°	1651.8	1677.9	1698.5	1717.8	1746.6	1759.0	1774.1	1790.6	1812.6	1826.3	1833.2
7.5°	1640.8	1679.3	1710.9	1743.9	1783.7	1808.5	1822.2	1866.2	1896.4	1921.2	1951.4
10°	1624.3	1673.8	1719.1	1767.2	1823.6	1853.8	1884.0	1937.6	1980.2	2028.3	2066.8
12.5°	1599.6	1664.2	1719.1	1786.5	1856.6	1892.3	1928.0	2021.5	2070.9	2113.5	2182.3
15°	1577.6	1642.2	1720.5	1789.2	1875.8	1929.4	1981.6	2042.1	2120.4	2212.5	2278.4
17.5°	1552.9	1633.9	1706.8	1803.0	1899.2	1950.0	1992.6	2086.1	2196.0	2286.7	2347.2
20°	1518.5	1601.0	1697.2	1798.8	1912.9	1952.8	2009.1	2134.2	2233.1	2322.4	2421.4
22.5°	1478.7	1574.9	1676.5	1774.1	1892.3	1976.1	2038.0	2147.9	2267.5	2370.5	2481.8
25°	1440.2	1544.6	1633.9	1767.2	1892.3	1948.6	2018.7	2149.3	2279.8	2404.9	2518.9
27.5°	1399.0	1496.5	1617.5	1723.3	1864.8	1926.6	2002.2	2145.1	2283.9	2409.0	2531.3
30°	1353.6	1458.0	1558.4	1683.4	1820.8	1900.5	1970.6	2125.9	2267.5	2398.0	2512.1
32.5°	1302.8	1401.7	1508.9	1627.1	1771.4	1852.4	1940.4	2099.8	2251.0	2363.6	2451.6
35°	1249.2	1349.5	1442.9	1563.9	1712.3	1793.4	1878.6	2054.5	2204.2	2296.3	2347.2
37.5°	1190.1	1284.9	1377.0	1496.5	1644.9	1731.5	1818.1	1988.5	2130.0	2207.0	2193.2
40°	1133.7	1218.9	1304.1	1416.8	1572.1	1664.2	1739.8	1911.5	2035.2	2068.2	2022.8
42.5°	1069.1	1142.0	1224.4	1339.9	1491.0	1577.6	1672.4	1829.1	1921.2	1907.4	1830.5
45°	996.3	1060.9	1143.3	1251.9	1405.8	1495.1	1574.9	1723.3	1790.6	1756.2	1616.1
47.5°	926.2	989.4	1056.8	1165.3	1315.1	1390.7	1471.8	1605.1	1643.6	1570.7	1430.6
50°	850.6	902.9	972.9	1076.0	1216.2	1295.9	1363.2	1470.4	1484.2	1394.8	1249.2
52.5°	777.8	821.8	889.1	990.8	1121.4	1184.6	1250.5	1345.4	1334.4	1242.3	1102.1
55°	700.8	742.1	803.9	897.4	1012.8	1073.3	1129.6	1213.4	1190.1	1095.2	972.9
57.5°	636.3	665.1	725.6	812.2	907.0	972.9	1021.0	1087.0	1051.3	956.5	842.4
60°	562.1	597.8	648.6	718.7	812.2	856.1	898.7	942.7	918.0	827.3	725.6
62.5°	494.7	522.2	566.2	633.5	706.3	746.2	791.5	819.0	794.3	710.5	625.3
65°	437.0	459.0	493.3	548.3	618.4	651.4	677.5	703.6	683.0	604.7	542.8
67.5°	373.8	393.0	421.9	465.9	525.0	548.3	573.0	590.9	567.6	515.3	454.9
70°	317.4	331.2	358.7	391.7	432.9	454.9	475.5	493.3	472.7	428.8	383.4
72.5°	259.7	270.7	295.5	318.8	355.9	371.0	386.2	399.9	393.0	351.8	314.7
75°	214.4	218.5	235.0	254.2	277.6	294.1	305.1	313.3	307.8	274.8	251.5
77.5°	162.2	167.7	180.0	195.1	215.8	225.4	232.2	240.5	233.6	207.5	191.0
80°	118.2	119.6	126.4	140.2	153.9	155.3	162.2	173.2	169.0	151.2	138.8
82.5°	75.6	79.7	82.5	90.7	100.3	103.1	107.2	109.9	108.6	97.6	93.4
85°	44.0	44.0	46.7	52.2	55.0	59.1	60.5	61.8	64.6	57.7	53.6
87.5°	19.2	20.6	20.6	22.0	24.7	24.7	26.1	27.5	28.9	27.5	23.4
90°	0.8	2.3	4.6	5.3	6.1	6.1	6.1	10.7	10.7	12.2	13.7
92.5°	10.7	15.3	23.7	35.1	48.9	58.8	68.7	116.1	190.2	262.0	299.4
95°	25.2	27.5	35.1	45.1	63.4	79.4	95.5	161.9	287.2	469.7	622.5
97.5°	42.0	42.0	48.9	58.0	74.1	87.8	101.6	154.3	262.0	449.9	666.0
100°	58.0	58.0	63.4	72.6	87.1	99.3	111.5	156.6	242.9	398.7	614.1
102.5°	73.3	74.9	79.4	87.8	101.6	113.0	124.5	164.2	237.5	364.3	549.2
105°	89.4	91.7	95.5	104.6	118.4	129.4	140.5	177.2	240.6	347.5	501.0
107.5°	106.9	108.5	112.3	122.2	135.2	146.2	157.3	190.9	249.8	342.9	469.7
110°	124.5	126.0	129.8	139.0	152.8	163.1	173.4	207.0	260.4	344.5	455.2

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	141.3	142.8	147.4	155.8	169.6	179.9	190.2	222.3	271.9	349.0	448.3
115°	157.3	159.6	165.0	172.6	187.1	197.4	207.7	238.3	284.1	355.2	446.8
117.5°	174.1	176.4	181.0	189.4	203.2	213.9	224.6	253.6	296.3	361.3	446.0
120°	190.9	192.5	197.8	206.2	219.2	229.9	240.6	269.6	309.3	368.1	446.0
122.5°	206.2	207.7	213.1	220.7	235.2	245.6	255.9	284.9	321.6	375.0	445.3
125°	219.2	222.3	226.8	235.2	249.8	260.5	271.1	298.6	333.8	381.9	444.5
127.5°	231.4	233.7	239.1	248.2	263.5	274.2	284.9	311.6	344.5	387.2	443.0
130°	241.4	244.4	250.5	262.0	276.5	287.6	298.6	324.6	354.4	393.3	442.2
132.5°	251.3	253.6	262.0	272.7	288.7	299.0	309.3	335.3	364.3	398.7	441.5
135°	260.4	263.5	271.1	284.1	300.2	310.1	320.0	345.2	372.7	404.0	440.7
137.5°	269.6	272.7	281.1	293.3	310.1	319.6	329.2	352.9	378.8	407.1	440.7
140°	279.5	281.8	290.2	303.2	319.3	328.5	337.6	360.5	384.9	410.9	439.9
142.5°	290.2	292.5	300.2	312.4	327.7	336.4	345.2	367.4	389.5	414.0	439.9
145°	300.2	302.5	310.1	320.8	335.3	343.7	352.1	372.0	392.6	414.7	438.4
147.5°	311.6	312.4	319.3	330.7	342.9	350.5	358.2	377.3	395.6	415.5	436.1
150°	322.3	323.1	329.2	338.4	349.8	357.0	364.3	381.1	397.9	415.5	433.8
152.5°	332.2	332.2	338.4	346.8	356.7	363.2	369.7	384.2	399.5	414.0	430.0
155°	341.4	342.2	346.8	354.4	362.8	368.6	374.3	387.2	400.2	412.4	426.2
157.5°	350.6	350.6	355.2	361.3	368.9	373.5	378.1	389.5	400.2	410.9	422.4
160°	359.0	359.0	362.0	367.4	373.5	377.7	381.9	391.1	400.2	408.6	417.8
162.5°	366.6	365.9	368.1	372.7	378.1	381.2	384.2	392.6	400.2	406.3	413.2
165°	372.0	372.0	373.5	377.3	381.1	383.4	385.7	392.6	398.7	403.3	408.6
167.5°	378.1	377.3	378.1	381.1	383.4	385.3	387.2	392.6	397.2	400.2	404.0
170°	381.9	381.1	381.9	384.2	385.7	386.8	388.0	391.8	395.6	397.2	399.5
172.5°	385.7	384.9	384.9	386.5	387.2	388.0	388.8	391.1	394.1	394.1	394.9
175°	388.0	387.2	387.2	388.0	388.8	388.8	388.8	390.3	392.6	391.8	391.8
177.5°	389.5	388.8	388.0	388.8	388.8	388.8	388.8	389.5	391.1	389.5	389.5
180°	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7
2.5°	1732.9	1757.6	1768.6	1771.4	1786.5	1776.9	1781.0	1779.6	1790.6	1792.0	1792.0
5°	1859.3	1888.2	1897.8	1911.5	1932.1	1937.6	1933.5	1941.8	1956.9	1945.9	1962.4
7.5°	1992.6	2024.2	2046.2	2076.4	2083.3	2101.2	2112.2	2121.8	2124.5	2125.9	2128.7
10°	2116.3	2156.1	2186.4	2237.2	2248.2	2257.8	2305.9	2286.7	2311.4	2303.2	2305.9
12.5°	2216.6	2294.9	2319.7	2404.9	2413.1	2446.1	2443.4	2473.6	2479.1	2490.1	2479.1
15°	2348.5	2439.2	2479.1	2527.2	2554.7	2593.1	2600.0	2641.2	2657.7	2672.8	2657.7
17.5°	2469.5	2517.6	2619.3	2657.7	2675.6	2696.2	2748.4	2763.5	2788.3	2778.7	2806.1
20°	2529.9	2598.6	2705.8	2771.8	2799.3	2818.5	2862.5	2885.9	2895.5	2895.5	2898.2
22.5°	2583.5	2682.5	2762.2	2837.8	2862.5	2876.2	2902.3	2920.2	2924.3	2927.1	2929.8
25°	2631.6	2720.9	2785.5	2828.1	2837.8	2837.8	2852.9	2841.9	2824.0	2837.8	2846.0
27.5°	2631.6	2694.8	2723.7	2738.8	2738.8	2701.7	2679.7	2634.4	2595.9	2584.9	2609.6
30°	2587.6	2616.5	2576.7	2539.5	2510.7	2486.0	2399.4	2330.7	2316.9	2307.3	2344.4
32.5°	2486.0	2448.9	2370.5	2263.3	2220.7	2164.4	2097.1	2044.8	2013.2	2002.2	1994.0
35°	2305.9	2209.7	2108.0	1963.8	1933.5	1862.1	1770.0	1731.5	1679.3	1677.9	1695.8
37.5°	2109.4	1961.0	1851.1	1713.6	1671.0	1595.5	1508.9	1469.0	1433.3	1405.8	1438.8
40°	1879.9	1750.7	1583.1	1470.4	1409.9	1370.1	1297.3	1253.3	1236.8	1223.1	1243.7
42.5°	1665.5	1524.0	1393.5	1278.0	1228.5	1183.2	1135.1	1092.5	1080.1	1078.8	1093.9
45°	1452.5	1313.7	1192.8	1093.9	1062.3	1034.8	988.1	975.7	955.1	941.3	948.2
47.5°	1282.1	1139.2	1038.9	963.3	935.8	912.5	882.2	861.6	843.8	838.3	846.5
50°	1114.5	1018.3	915.2	852.0	831.4	809.4	786.1	766.8	758.6	753.1	758.6
52.5°	979.8	876.7	806.7	755.8	735.2	718.7	702.2	694.0	683.0	685.7	691.2
55°	858.9	768.2	709.1	672.0	659.6	652.8	632.1	622.5	618.4	615.6	618.4
57.5°	744.8	678.9	634.9	603.3	586.8	582.7	566.2	566.2	562.1	557.9	559.3
60°	654.1	597.8	555.2	530.4	527.7	520.8	509.8	508.5	498.8	503.0	504.3
62.5°	562.1	516.7	487.8	472.7	463.1	460.4	453.5	452.1	448.0	449.4	446.6
65°	489.2	452.1	423.3	410.9	406.8	405.4	399.9	395.8	393.0	395.8	393.0
67.5°	416.4	391.7	369.7	357.3	351.8	350.4	346.3	343.6	344.9	340.8	343.6
70°	347.7	322.9	309.2	302.3	299.6	295.5	295.5	295.5	295.5	292.7	291.3
72.5°	292.7	268.0	258.4	254.2	251.5	250.1	246.0	247.4	246.0	244.6	250.1
75°	232.2	217.1	207.5	203.4	206.1	202.0	197.9	200.6	196.5	197.9	203.4
77.5°	175.9	169.0	163.5	160.8	158.0	155.3	155.3	152.5	152.5	152.5	152.5
80°	127.8	126.4	116.8	115.4	115.4	112.7	112.7	112.7	112.7	111.3	112.7
82.5°	85.2	83.8	81.1	79.7	77.0	78.3	78.3	75.6	75.6	74.2	75.6
85°	49.5	49.5	46.7	45.3	44.0	45.3	42.6	41.2	42.6	41.2	42.6
87.5°	23.4	20.6	22.0	20.6	17.9	19.2	16.5	17.9	16.5	15.1	17.9
90°	13.0	13.7	14.5	15.3	15.3	15.3	16.0	16.8	16.0	16.0	16.0
92.5°	249.0	184.1	137.5	108.5	99.0	89.4	77.9	72.6	69.5	69.5	69.5
95°	640.0	566.0	447.6	345.2	308.2	271.1	233.7	210.0	196.3	186.4	196.3
97.5°	802.7	815.0	756.1	672.1	629.4	586.6	534.6	488.8	465.9	447.6	465.9
100°	809.6	921.1	936.4	899.0	870.8	842.5	776.0	729.4	706.5	700.4	706.5
102.5°	752.3	915.8	1006.7	1029.6	1022.0	1014.3	979.9	949.4	924.9	920.4	924.9
105°	680.5	855.4	987.6	1063.2	1078.8	1094.5	1096.0	1089.9	1079.2	1074.6	1079.2
107.5°	621.7	781.3	924.2	1029.6	1061.6	1093.7	1127.3	1141.1	1147.2	1148.0	1147.2
110°	579.7	715.7	847.8	958.5	1000.6	1042.6	1096.8	1128.9	1142.6	1149.5	1142.6

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	556.0	667.5	780.6	883.7	925.7	967.7	1031.1	1071.6	1092.2	1104.4	1092.2
115°	543.0	638.5	732.5	821.8	858.5	895.2	955.5	1001.3	1025.8	1031.9	1025.8
117.5°	536.2	621.7	701.2	773.7	805.8	837.9	891.3	931.0	957.0	960.8	957.0
120°	530.8	611.0	682.1	743.2	770.3	797.4	840.9	874.5	894.4	902.8	894.4
122.5°	524.7	601.9	669.8	724.1	747.0	769.9	805.0	832.5	848.6	857.0	848.6
125°	517.8	591.2	656.9	709.6	730.6	751.6	782.1	804.3	818.8	823.4	818.8
127.5°	508.7	578.9	642.3	695.0	714.9	734.8	765.3	785.2	797.4	802.0	797.4
130°	500.3	563.7	624.0	675.9	696.2	716.4	747.7	766.8	779.1	783.6	779.1
132.5°	492.6	547.6	603.4	653.8	674.0	694.3	724.8	747.0	758.4	763.0	758.4
135°	485.0	533.1	582.8	629.4	648.4	667.5	698.1	719.5	731.7	736.3	731.7
137.5°	478.1	519.4	562.9	603.4	621.0	638.5	667.5	689.7	699.6	705.0	699.6
140°	472.8	507.9	543.8	578.2	594.2	610.3	637.0	653.8	664.5	670.6	664.5
142.5°	468.2	497.2	527.8	556.0	569.4	582.8	605.7	621.0	630.1	633.9	630.1
145°	462.9	487.3	513.3	536.2	546.9	557.6	576.7	589.6	597.3	601.1	597.3
147.5°	458.3	478.9	500.3	519.4	528.2	536.9	551.4	562.9	569.0	570.5	569.0
150°	452.9	471.3	488.8	504.1	511.0	517.8	530.1	540.0	544.6	545.3	544.6
152.5°	446.8	462.9	477.4	491.1	496.4	501.8	511.7	519.4	521.7	522.4	521.7
155°	440.7	454.4	466.7	478.1	482.7	487.3	494.9	501.0	503.3	503.3	503.3
157.5°	434.6	445.3	456.0	465.9	469.7	473.5	479.7	484.2	485.8	485.8	485.8
160°	427.7	436.9	445.3	453.7	456.8	459.8	464.4	469.0	469.7	469.7	469.7
162.5°	421.6	428.5	435.4	441.5	444.2	446.8	449.9	454.4	455.2	454.4	455.2
165°	414.7	420.8	425.4	430.8	432.7	434.6	437.6	440.7	439.9	439.2	439.9
167.5°	408.6	413.2	417.0	421.6	422.8	423.9	425.4	427.7	427.7	427.0	427.7
170°	402.5	406.3	408.6	411.7	412.8	414.0	415.5	416.3	415.5	415.5	415.5
172.5°	397.2	400.2	401.7	403.3	404.0	404.8	405.6	406.3	405.6	404.0	405.6
175°	393.3	394.9	395.6	397.2	397.2	397.2	397.2	398.7	397.2	395.6	397.2
177.5°	390.3	391.1	391.8	391.8	392.2	392.6	391.8	392.6	391.1	389.5	391.1
180°	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7
2.5°	1789.2	1785.1	1779.6	1779.6	1772.7	1772.7	1761.7	1742.5	1726.0	1720.5	1723.3
5°	1941.8	1943.1	1934.9	1928.0	1915.7	1906.0	1888.2	1853.8	1842.8	1820.8	1805.7
7.5°	2116.3	2110.8	2095.7	2084.7	2081.9	2059.9	2021.5	1980.2	1947.3	1925.3	1893.7
10°	2312.8	2290.8	2268.8	2262.0	2245.5	2208.4	2164.4	2119.0	2073.7	2025.6	1972.0
12.5°	2477.7	2435.1	2433.7	2417.2	2385.6	2365.0	2312.8	2248.2	2169.9	2116.3	2055.8
15°	2655.0	2615.1	2582.1	2551.9	2536.8	2476.3	2432.4	2351.3	2257.8	2200.1	2158.9
17.5°	2781.4	2763.5	2707.2	2693.5	2672.8	2602.8	2532.7	2453.0	2371.9	2290.8	2179.5
20°	2883.1	2872.1	2835.0	2815.8	2782.8	2727.8	2642.6	2550.5	2457.1	2341.7	2237.2
22.5°	2927.1	2913.3	2883.1	2866.6	2846.0	2799.3	2726.4	2622.0	2499.7	2396.6	2285.3
25°	2840.5	2865.2	2857.0	2850.1	2841.9	2814.4	2759.4	2667.4	2547.8	2431.0	2292.2
27.5°	2645.4	2688.0	2729.2	2734.7	2748.4	2759.4	2737.4	2671.5	2571.2	2447.5	2294.9
30°	2382.9	2402.1	2486.0	2510.7	2529.9	2600.0	2641.2	2624.8	2547.8	2436.5	2296.3
32.5°	2046.2	2097.1	2182.3	2241.3	2293.6	2371.9	2479.1	2521.7	2494.2	2403.5	2264.7
35°	1727.4	1787.9	1886.8	1962.4	2014.6	2125.9	2252.3	2344.4	2378.8	2333.4	2209.7
37.5°	1466.3	1539.1	1627.1	1655.9	1716.4	1853.8	2028.3	2156.1	2240.0	2244.1	2147.9
40°	1269.8	1306.9	1377.0	1420.9	1480.0	1595.5	1765.9	1934.9	2061.3	2103.9	2053.1
42.5°	1103.5	1132.4	1184.6	1238.2	1291.8	1379.7	1536.4	1694.4	1864.8	1950.0	1948.6
45°	971.6	1001.8	1037.5	1081.5	1118.6	1213.4	1337.1	1499.3	1646.3	1778.2	1811.2
47.5°	856.1	882.2	926.2	945.5	970.2	1059.5	1166.7	1317.9	1470.4	1621.6	1660.1
50°	770.9	792.9	823.2	835.5	863.0	929.0	1016.9	1139.2	1308.3	1447.0	1518.5
52.5°	694.0	710.5	733.8	743.5	762.7	812.2	891.9	988.1	1128.2	1271.1	1371.5
55°	628.0	639.0	655.5	666.5	680.2	724.2	783.3	869.9	990.8	1114.5	1212.1
57.5°	566.2	574.4	590.9	596.4	607.4	641.8	683.0	755.8	867.1	977.1	1071.9
60°	508.5	514.0	523.6	535.9	544.2	567.6	606.0	666.5	755.8	856.1	933.1
62.5°	453.5	461.7	464.5	470.0	476.9	498.8	529.1	573.0	651.4	733.8	814.9
65°	397.1	404.0	409.5	410.9	417.8	434.3	461.7	500.2	551.1	622.5	698.1
67.5°	344.9	349.1	351.8	357.3	364.2	372.4	394.4	423.3	470.0	527.7	588.2
70°	296.8	296.8	301.0	302.3	310.6	320.2	329.8	357.3	398.5	445.2	486.5
72.5°	244.6	251.5	250.1	257.0	255.6	262.5	274.8	292.7	322.9	360.0	399.9
75°	199.3	203.4	203.4	203.4	206.1	211.6	218.5	235.0	258.4	288.6	311.9
77.5°	155.3	158.0	158.0	158.0	159.4	164.9	171.8	182.8	199.3	217.1	230.9
80°	111.3	114.1	114.1	116.8	116.8	118.2	125.1	130.6	138.8	152.5	166.3
82.5°	75.6	77.0	79.7	79.7	78.3	81.1	82.5	87.9	96.2	98.9	108.6
85°	41.2	42.6	44.0	44.0	45.3	48.1	46.7	52.2	52.2	57.7	60.5
87.5°	16.5	19.2	19.2	17.9	19.2	19.2	19.2	22.0	23.4	24.7	23.4
90°	16.8	16.0	15.3	15.3	15.3	14.5	13.7	13.0	13.7	12.2	10.7
92.5°	72.6	77.9	89.4	99.0	108.5	137.5	184.1	249.0	299.4	262.0	190.2
95°	210.0	233.7	271.1	308.2	345.2	447.6	566.0	640.0	622.5	469.7	287.2
97.5°	488.8	534.6	586.6	629.4	672.1	756.1	815.0	802.7	666.0	449.9	262.0
100°	729.4	776.0	842.5	870.8	899.0	936.4	921.1	809.6	614.1	398.7	242.9
102.5°	949.4	979.9	1014.3	1022.0	1029.6	1006.7	915.8	752.3	549.2	364.3	237.5
105°	1089.9	1096.0	1094.5	1078.8	1063.2	987.6	855.4	680.5	501.0	347.5	240.6
107.5°	1141.1	1127.3	1093.7	1061.6	1029.6	924.2	781.3	621.7	469.7	342.9	249.8
110°	1128.9	1096.8	1042.6	1000.6	958.5	847.8	715.7	579.7	455.2	344.5	260.4

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1071.6	1031.1	967.7	925.7	883.7	780.6	667.5	556.0	448.3	349.0	271.9
115°	1001.3	955.5	895.2	858.5	821.8	732.5	638.5	543.0	446.8	355.2	284.1
117.5°	931.0	891.3	837.9	805.8	773.7	701.2	621.7	536.2	446.0	361.3	296.3
120°	874.5	840.9	797.4	770.3	743.2	682.1	611.0	530.8	446.0	368.1	309.3
122.5°	832.5	805.0	769.9	747.0	724.1	669.8	601.9	524.7	445.3	375.0	321.6
125°	804.3	782.1	751.6	730.6	709.6	656.9	591.2	517.8	444.5	381.9	333.8
127.5°	785.2	765.3	734.8	714.9	695.0	642.3	578.9	508.7	443.0	387.2	344.5
130°	766.8	747.7	716.4	696.2	675.9	624.0	563.7	500.3	442.2	393.3	354.4
132.5°	747.0	724.8	694.3	674.0	653.8	603.4	547.6	492.6	441.5	398.7	364.3
135°	719.5	698.1	667.5	648.4	629.4	582.8	533.1	485.0	440.7	404.0	372.7
137.5°	689.7	667.5	638.5	621.0	603.4	562.9	519.4	478.1	440.7	407.1	378.8
140°	653.8	637.0	610.3	594.2	578.2	543.8	507.9	472.8	439.9	410.9	384.9
142.5°	621.0	605.7	582.8	569.4	556.0	527.8	497.2	468.2	439.9	414.0	389.5
145°	589.6	576.7	557.6	546.9	536.2	513.3	487.3	462.9	438.4	414.7	392.6
147.5°	562.9	551.4	536.9	528.2	519.4	500.3	478.9	458.3	436.1	415.5	395.6
150°	540.0	530.1	517.8	511.0	504.1	488.8	471.3	452.9	433.8	415.5	397.9
152.5°	519.4	511.7	501.8	496.4	491.1	477.4	462.9	446.8	430.0	414.0	399.5
155°	501.0	494.9	487.3	482.7	478.1	466.7	454.4	440.7	426.2	412.4	400.2
157.5°	484.2	479.7	473.5	469.7	465.9	456.0	445.3	434.6	422.4	410.9	400.2
160°	469.0	464.4	459.8	456.8	453.7	445.3	436.9	427.7	417.8	408.6	400.2
162.5°	454.4	449.9	446.8	444.2	441.5	435.4	428.5	421.6	413.2	406.3	400.2
165°	440.7	437.6	434.6	432.7	430.8	425.4	420.8	414.7	408.6	403.3	398.7
167.5°	427.7	425.4	423.9	422.8	421.6	417.0	413.2	408.6	404.0	400.2	397.2
170°	416.3	415.5	414.0	412.8	411.7	408.6	406.3	402.5	399.5	397.2	395.6
172.5°	406.3	405.6	404.8	404.0	403.3	401.7	400.2	397.2	394.9	394.1	394.1
175°	398.7	397.2	397.2	397.2	397.2	395.6	394.9	393.3	391.8	391.8	392.6
177.5°	392.6	391.8	392.6	392.2	391.8	391.8	391.1	390.3	389.5	389.5	391.1
180°	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7
2.5°	1710.9	1705.4	1701.3	1701.3	1688.9	1676.5	1669.7	1666.9	1664.2	1653.2	1638.1
5°	1781.0	1763.1	1750.7	1738.4	1717.8	1695.8	1673.8	1661.4	1643.6	1618.8	1601.0
7.5°	1859.3	1816.7	1803.0	1787.9	1746.6	1709.5	1679.3	1653.2	1624.3	1592.7	1561.1
10°	1925.3	1879.9	1849.7	1823.6	1770.0	1720.5	1675.2	1636.7	1599.6	1558.4	1519.9
12.5°	1988.5	1923.9	1892.3	1853.8	1797.5	1726.0	1666.9	1618.8	1563.9	1521.3	1474.5
15°	2076.4	1967.9	1915.7	1890.9	1815.3	1731.5	1660.1	1588.6	1543.2	1478.7	1437.4
17.5°	2090.2	2002.2	1967.9	1904.7	1814.0	1719.1	1636.7	1565.2	1496.5	1438.8	1385.2
20°	2138.3	2022.8	1967.9	1928.0	1808.5	1712.3	1621.6	1529.5	1463.5	1401.7	1341.2
22.5°	2168.5	2038.0	1980.2	1917.0	1803.0	1687.5	1580.3	1500.6	1419.6	1356.3	1308.3
25°	2160.3	2029.7	1965.1	1906.0	1767.2	1651.8	1555.6	1453.9	1378.3	1309.6	1246.4
27.5°	2156.1	2009.1	1940.4	1874.4	1743.9	1622.9	1502.0	1419.6	1335.7	1256.0	1209.3
30°	2145.1	1983.0	1903.3	1831.8	1695.8	1569.4	1466.3	1370.1	1286.3	1213.4	1151.6
32.5°	2108.0	1939.0	1862.1	1785.1	1643.6	1517.1	1412.7	1323.4	1239.5	1164.0	1104.9
35°	2058.6	1886.8	1803.0	1721.9	1580.3	1452.5	1356.3	1262.9	1184.6	1111.7	1055.4
37.5°	2009.1	1826.3	1748.0	1654.6	1524.0	1390.7	1291.8	1207.9	1135.1	1059.5	997.7
40°	1937.6	1754.9	1668.3	1588.6	1436.1	1311.0	1220.3	1144.7	1073.3	1001.8	949.6
42.5°	1840.1	1676.5	1587.2	1499.3	1356.3	1232.7	1144.7	1077.4	1010.0	951.0	893.2
45°	1741.1	1581.7	1502.0	1423.7	1268.4	1151.6	1070.5	1008.7	952.3	887.7	841.0
47.5°	1621.6	1486.9	1407.2	1330.2	1183.2	1066.4	992.2	934.5	882.2	828.7	784.7
50°	1499.3	1382.5	1309.6	1229.9	1089.8	983.9	911.1	863.0	820.4	769.6	733.8
52.5°	1367.3	1265.7	1203.8	1126.9	1003.2	905.6	831.4	783.3	747.6	710.5	678.9
55°	1227.2	1153.0	1087.0	1025.2	908.4	820.4	754.4	711.8	687.1	652.8	625.3
57.5°	1100.7	1029.3	989.4	919.3	817.7	731.1	678.9	643.1	614.3	593.7	571.7
60°	968.8	911.1	867.1	816.3	727.0	654.1	599.2	578.5	548.3	533.2	523.6
62.5°	842.4	801.2	759.9	721.5	641.8	573.0	531.8	505.7	487.8	472.7	464.5
65°	722.8	684.4	655.5	621.1	555.2	500.2	461.7	441.1	423.3	419.1	409.5
67.5°	606.0	589.5	557.9	530.4	474.1	431.5	402.6	376.5	366.9	362.8	354.5
70°	507.1	487.8	463.1	439.7	397.1	360.0	333.9	324.3	310.6	309.2	299.6
72.5°	417.8	394.4	376.5	358.7	327.1	294.1	280.3	266.6	259.7	254.2	250.1
75°	331.2	314.7	302.3	287.2	259.7	237.7	218.5	213.0	208.9	207.5	204.8
77.5°	247.4	236.4	230.9	215.8	196.5	177.3	169.0	160.8	160.8	158.0	159.4
80°	175.9	169.0	162.2	153.9	137.4	129.2	122.3	116.8	114.1	112.7	114.1
82.5°	111.3	107.2	105.8	100.3	89.3	85.2	79.7	75.6	75.6	75.6	75.6
85°	61.8	61.8	61.8	53.6	49.5	45.3	42.6	41.2	41.2	41.2	42.6
87.5°	26.1	26.1	22.0	22.0	20.6	17.9	16.5	16.5	17.9	17.9	19.2
90°	10.7	6.1	6.1	6.1	5.3	4.6	2.3	0.8	2.3	4.6	5.3
92.5°	116.1	68.7	58.8	48.9	35.1	23.7	15.3	10.7	15.3	23.7	35.1
95°	161.9	95.5	79.4	63.4	45.1	35.1	27.5	25.2	27.5	35.1	45.1
97.5°	154.3	101.6	87.8	74.1	58.0	48.9	42.0	42.0	42.0	48.9	58.0
100°	156.6	111.5	99.3	87.1	72.6	63.4	58.0	58.0	58.0	63.4	72.6
102.5°	164.2	124.5	113.0	101.6	87.8	79.4	74.9	73.3	74.9	79.4	87.8
105°	177.2	140.5	129.4	118.4	104.6	95.5	91.7	89.4	91.7	95.5	104.6
107.5°	190.9	157.3	146.2	135.2	122.2	112.3	108.5	106.9	108.5	112.3	122.2
110°	207.0	173.4	163.1	152.8	139.0	129.8	126.0	124.5	126.0	129.8	139.0

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	222.3	190.2	179.9	169.6	155.8	147.4	142.8	141.3	142.8	147.4	155.8
115°	238.3	207.7	197.4	187.1	172.6	165.0	159.6	157.3	159.6	165.0	172.6
117.5°	253.6	224.6	213.9	203.2	189.4	181.0	176.4	174.1	176.4	181.0	189.4
120°	269.6	240.6	229.9	219.2	206.2	197.8	192.5	190.9	192.5	197.8	206.2
122.5°	284.9	255.9	245.6	235.2	220.7	213.1	207.7	206.2	207.7	213.1	220.7
125°	298.6	271.1	260.5	249.8	235.2	226.8	222.3	219.2	222.3	226.8	235.2
127.5°	311.6	284.9	274.2	263.5	248.2	239.1	233.7	231.4	233.7	239.1	248.2
130°	324.6	298.6	287.6	276.5	262.0	250.5	244.4	241.4	244.4	250.5	262.0
132.5°	335.3	309.3	299.0	288.7	272.7	262.0	253.6	251.3	253.6	262.0	272.7
135°	345.2	320.0	310.1	300.2	284.1	271.1	263.5	260.4	263.5	271.1	284.1
137.5°	352.9	329.2	319.6	310.1	293.3	281.1	272.7	269.6	272.7	281.1	293.3
140°	360.5	337.6	328.5	319.3	303.2	290.2	281.8	279.5	281.8	290.2	303.2
142.5°	367.4	345.2	336.4	327.7	312.4	300.2	292.5	290.2	292.5	300.2	312.4
145°	372.0	352.1	343.7	335.3	320.8	310.1	302.5	300.2	302.5	310.1	320.8
147.5°	377.3	358.2	350.5	342.9	330.7	319.3	312.4	311.6	312.4	319.3	330.7
150°	381.1	364.3	357.0	349.8	338.4	329.2	323.1	322.3	323.1	329.2	338.4
152.5°	384.2	369.7	363.2	356.7	346.8	338.4	332.2	332.2	332.2	338.4	346.8
155°	387.2	374.3	368.6	362.8	354.4	346.8	342.2	341.4	342.2	346.8	354.4
157.5°	389.5	378.1	373.5	368.9	361.3	355.2	350.6	350.6	350.6	355.2	361.3
160°	391.1	381.9	377.7	373.5	367.4	362.0	359.0	359.0	359.0	362.0	367.4
162.5°	392.6	384.2	381.2	378.1	372.7	368.1	365.9	366.6	365.9	368.1	372.7
165°	392.6	385.7	383.4	381.1	377.3	373.5	372.0	372.0	372.0	373.5	377.3
167.5°	392.6	387.2	385.3	383.4	381.1	378.1	377.3	378.1	377.3	378.1	381.1
170°	391.8	388.0	386.8	385.7	384.2	381.9	381.1	381.9	381.1	381.9	384.2
172.5°	391.1	388.8	388.0	387.2	386.5	384.9	384.9	385.7	384.9	384.9	386.5
175°	390.3	388.8	388.8	388.8	388.0	387.2	387.2	388.0	387.2	387.2	388.0
177.5°	389.5	388.8	388.8	388.8	388.8	388.0	388.8	389.5	388.8	388.0	388.8
180°	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7
2.5°	1633.9	1628.4	1631.2	1617.5	1605.1	1587.2	1572.1	1569.4	1566.6	1574.9	1569.4
5°	1587.2	1580.3	1573.5	1557.0	1532.2	1517.1	1495.1	1493.8	1485.5	1473.2	1475.9
7.5°	1536.4	1532.2	1522.6	1496.5	1474.5	1448.4	1430.6	1415.4	1408.6	1397.6	1393.5
10°	1495.1	1480.0	1471.8	1442.9	1416.8	1389.3	1366.0	1355.0	1342.6	1333.0	1326.1
12.5°	1438.8	1434.7	1411.3	1388.0	1366.0	1334.4	1316.5	1284.9	1268.4	1276.6	1273.9
15°	1401.7	1382.5	1377.0	1344.0	1306.9	1286.3	1253.3	1232.7	1225.8	1213.4	1198.3
17.5°	1352.2	1339.9	1320.6	1290.4	1247.8	1218.9	1195.6	1176.3	1168.1	1151.6	1139.2
20°	1305.5	1284.9	1269.8	1242.3	1201.1	1164.0	1135.1	1122.7	1102.1	1088.4	1081.5
22.5°	1262.9	1247.8	1225.8	1184.6	1148.8	1113.1	1078.8	1060.9	1041.7	1033.4	1022.4
25°	1210.7	1185.9	1170.8	1125.5	1087.0	1058.1	1026.5	1003.2	992.2	978.4	975.7
27.5°	1159.8	1136.5	1118.6	1078.8	1032.0	994.9	975.7	959.2	940.0	940.0	933.1
30°	1109.0	1092.5	1065.0	1026.5	982.6	946.8	924.8	909.7	902.9	897.4	896.0
32.5°	1058.1	1036.2	1019.7	967.4	934.5	901.5	885.0	872.6	864.4	863.0	864.4
35°	1005.9	981.2	964.7	918.0	885.0	854.8	847.9	836.9	832.8	831.4	838.3
37.5°	951.0	931.7	911.1	872.6	835.5	817.7	803.9	799.8	798.4	806.7	809.4
40°	900.1	883.6	864.4	823.2	795.7	776.4	769.6	765.4	770.9	779.2	783.3
42.5°	852.0	828.7	813.5	776.4	751.7	740.7	732.5	732.5	738.0	747.6	754.4
45°	801.2	783.3	768.2	735.2	713.2	700.8	699.5	700.8	707.7	714.6	722.8
47.5°	751.7	733.8	717.3	689.9	670.6	663.7	662.4	663.7	674.7	684.4	694.0
50°	706.3	687.1	672.0	645.9	630.8	622.5	623.9	630.8	639.0	652.8	665.1
52.5°	652.8	639.0	625.3	601.9	588.2	582.7	586.8	592.3	607.4	617.0	632.1
55°	600.5	588.2	577.2	559.3	548.3	544.2	546.9	555.2	567.6	584.0	601.9
57.5°	552.4	538.7	527.7	515.3	503.0	504.3	505.7	516.7	531.8	546.9	567.6
60°	498.8	490.6	481.0	465.9	460.4	460.4	464.5	476.9	490.6	515.3	533.2
62.5°	450.7	439.7	432.9	423.3	415.0	416.4	426.0	437.0	453.5	474.1	497.5
65°	401.3	388.9	383.4	375.2	372.4	373.8	380.7	397.1	415.0	432.9	454.9
67.5°	346.3	342.2	336.7	328.4	331.2	332.6	339.4	353.2	372.4	390.3	415.0
70°	299.6	291.3	290.0	283.1	283.1	287.2	301.0	310.6	328.4	347.7	373.8
72.5°	250.1	243.2	243.2	237.7	241.9	246.0	252.9	266.6	283.1	302.3	324.3
75°	199.3	196.5	199.3	196.5	196.5	203.4	211.6	222.6	240.5	261.1	279.0
77.5°	153.9	153.9	152.5	156.7	156.7	160.8	171.8	182.8	196.5	213.0	232.2
80°	112.7	112.7	112.7	116.8	120.9	120.9	127.8	141.5	153.9	164.9	182.8
82.5°	77.0	77.0	77.0	79.7	85.2	85.2	93.4	101.7	115.4	125.1	133.3
85°	46.7	46.7	45.3	48.1	49.5	53.6	60.5	66.0	72.8	81.1	89.3
87.5°	20.6	20.6	22.0	23.4	24.7	27.5	30.2	33.0	39.9	42.6	46.7
90°	6.1	6.1	6.1	10.7	10.7	12.2	13.7	13.0	13.7	14.5	15.3
92.5°	48.9	58.8	68.7	116.1	190.2	262.0	299.4	249.0	184.1	137.5	108.5
95°	63.4	79.4	95.5	161.9	287.2	469.7	622.5	640.0	566.0	447.6	345.2
97.5°	74.1	87.8	101.6	154.3	262.0	449.9	666.0	802.7	815.0	756.1	672.1
100°	87.1	99.3	111.5	156.6	242.9	398.7	614.1	809.6	921.1	936.4	899.0
102.5°	101.6	113.0	124.5	164.2	237.5	364.3	549.2	752.3	915.8	1006.7	1029.6
105°	118.4	129.4	140.5	177.2	240.6	347.5	501.0	680.5	855.4	987.6	1063.2
107.5°	135.2	146.2	157.3	190.9	249.8	342.9	469.7	621.7	781.3	924.2	1029.6
110°	152.8	163.1	173.4	207.0	260.4	344.5	455.2	579.7	715.7	847.8	958.5

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	169.6	179.9	190.2	222.3	271.9	349.0	448.3	556.0	667.5	780.6	883.7
115°	187.1	197.4	207.7	238.3	284.1	355.2	446.8	543.0	638.5	732.5	821.8
117.5°	203.2	213.9	224.6	253.6	296.3	361.3	446.0	536.2	621.7	701.2	773.7
120°	219.2	229.9	240.6	269.6	309.3	368.1	446.0	530.8	611.0	682.1	743.2
122.5°	235.2	245.6	255.9	284.9	321.6	375.0	445.3	524.7	601.9	669.8	724.1
125°	249.8	260.5	271.1	298.6	333.8	381.9	444.5	517.8	591.2	656.9	709.6
127.5°	263.5	274.2	284.9	311.6	344.5	387.2	443.0	508.7	578.9	642.3	695.0
130°	276.5	287.6	298.6	324.6	354.4	393.3	442.2	500.3	563.7	624.0	675.9
132.5°	288.7	299.0	309.3	335.3	364.3	398.7	441.5	492.6	547.6	603.4	653.8
135°	300.2	310.1	320.0	345.2	372.7	404.0	440.7	485.0	533.1	582.8	629.4
137.5°	310.1	319.6	329.2	352.9	378.8	407.1	440.7	478.1	519.4	562.9	603.4
140°	319.3	328.5	337.6	360.5	384.9	410.9	439.9	472.8	507.9	543.8	578.2
142.5°	327.7	336.4	345.2	367.4	389.5	414.0	439.9	468.2	497.2	527.8	556.0
145°	335.3	343.7	352.1	372.0	392.6	414.7	438.4	462.9	487.3	513.3	536.2
147.5°	342.9	350.5	358.2	377.3	395.6	415.5	436.1	458.3	478.9	500.3	519.4
150°	349.8	357.0	364.3	381.1	397.9	415.5	433.8	452.9	471.3	488.8	504.1
152.5°	356.7	363.2	369.7	384.2	399.5	414.0	430.0	446.8	462.9	477.4	491.1
155°	362.8	368.6	374.3	387.2	400.2	412.4	426.2	440.7	454.4	466.7	478.1
157.5°	368.9	373.5	378.1	389.5	400.2	410.9	422.4	434.6	445.3	456.0	465.9
160°	373.5	377.7	381.9	391.1	400.2	408.6	417.8	427.7	436.9	445.3	453.7
162.5°	378.1	381.2	384.2	392.6	400.2	406.3	413.2	421.6	428.5	435.4	441.5
165°	381.1	383.4	385.7	392.6	398.7	403.3	408.6	414.7	420.8	425.4	430.8
167.5°	383.4	385.3	387.2	392.6	397.2	400.2	404.0	408.6	413.2	417.0	421.6
170°	385.7	386.8	388.0	391.8	395.6	397.2	399.5	402.5	406.3	408.6	411.7
172.5°	387.2	388.0	388.8	391.1	394.1	394.1	394.9	397.2	400.2	401.7	403.3
175°	388.8	388.8	388.8	390.3	392.6	391.8	391.8	393.3	394.9	395.6	397.2
177.5°	388.8	388.8	388.8	389.5	391.1	389.5	389.5	390.3	391.1	391.8	391.8
180°	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7
2.5°	1565.2	1563.9	1557.0	1559.7	1551.5	1554.2	1558.4	1559.7	1565.2	1561.1	1559.7
5°	1469.0	1466.3	1462.2	1458.0	1456.7	1462.2	1452.5	1455.3	1458.0	1462.2	1467.7
7.5°	1390.7	1389.3	1385.2	1378.3	1375.6	1372.8	1374.2	1383.8	1382.5	1381.1	1390.7
10°	1319.2	1320.6	1312.4	1311.0	1302.8	1301.4	1302.8	1305.5	1309.6	1315.1	1316.5
12.5°	1245.0	1262.9	1247.8	1242.3	1229.9	1236.8	1239.5	1227.2	1234.0	1238.2	1258.8
15°	1198.3	1190.1	1180.5	1180.5	1175.0	1172.2	1165.3	1175.0	1180.5	1188.7	1185.9
17.5°	1133.7	1120.0	1114.5	1109.0	1110.4	1115.9	1100.7	1122.7	1122.7	1126.9	1120.0
20°	1077.4	1066.4	1059.5	1056.8	1052.6	1049.9	1048.5	1054.0	1062.3	1065.0	1071.9
22.5°	1018.3	1018.3	1007.3	1003.2	1000.4	996.3	1003.2	999.1	1004.6	1010.0	1021.0
25°	968.8	968.8	964.7	959.2	955.1	952.3	956.5	955.1	959.2	966.1	968.8
27.5°	929.0	924.8	923.5	922.1	920.7	922.1	920.7	924.8	929.0	930.3	927.6
30°	894.6	890.5	891.9	891.9	893.2	891.9	890.5	894.6	896.0	893.2	894.6
32.5°	863.0	863.0	865.8	867.1	867.1	868.5	869.9	867.1	868.5	864.4	865.8
35°	836.9	839.6	842.4	843.8	845.1	843.8	846.5	845.1	842.4	839.6	838.3
37.5°	810.8	813.5	819.0	820.4	824.5	825.9	823.2	823.2	821.8	816.3	813.5
40°	783.3	786.1	792.9	797.0	799.8	803.9	801.2	801.2	795.7	790.2	786.1
42.5°	757.2	762.7	769.6	773.7	779.2	779.2	779.2	776.4	769.6	764.1	759.9
45°	731.1	732.5	742.1	748.9	754.4	754.4	754.4	750.3	746.2	735.2	729.7
47.5°	702.2	706.3	717.3	724.2	729.7	731.1	731.1	727.0	718.7	709.1	702.2
50°	670.6	677.5	689.9	699.5	706.3	709.1	705.0	702.2	692.6	681.6	673.4
52.5°	640.4	648.6	663.7	672.0	681.6	683.0	681.6	677.5	666.5	651.4	644.5
55°	610.2	617.0	633.5	647.3	655.5	658.2	655.5	648.6	634.9	619.8	612.9
57.5°	577.2	586.8	604.7	618.4	628.0	629.4	626.6	619.8	608.8	589.5	579.9
60°	542.8	555.2	573.0	586.8	599.2	600.5	597.8	588.2	574.4	555.2	546.9
62.5°	508.5	518.1	538.7	553.8	563.4	570.3	564.8	555.2	541.4	522.2	509.8
65°	468.6	482.3	500.2	514.0	525.0	526.3	523.6	515.3	500.2	479.6	470.0
67.5°	430.1	439.7	457.6	475.5	479.6	483.7	479.6	471.4	459.0	441.1	427.4
70°	383.4	391.7	413.6	426.0	431.5	435.6	432.9	424.6	413.6	397.1	386.2
72.5°	336.7	343.6	364.2	373.8	384.8	383.4	382.0	376.5	361.4	350.4	343.6
75°	287.2	295.5	309.2	321.6	325.7	325.7	325.7	321.6	311.9	294.1	287.2
77.5°	241.9	246.0	257.0	263.8	268.0	269.3	268.0	261.1	255.6	243.2	239.1
80°	185.5	196.5	204.8	206.1	211.6	211.6	211.6	208.9	203.4	191.0	189.6
82.5°	140.2	142.9	151.2	155.3	158.0	156.7	156.7	151.2	149.8	142.9	140.2
85°	94.8	98.9	97.6	103.1	104.4	101.7	101.7	104.4	97.6	98.9	94.8
87.5°	52.2	52.2	55.0	53.6	59.1	59.1	56.3	57.7	55.0	53.6	52.2
90°	15.3	15.3	16.0	16.8	16.0	16.0	16.0	16.8	16.0	15.3	15.3
92.5°	99.0	89.4	77.9	72.6	69.5	69.5	69.5	72.6	77.9	89.4	99.0
95°	308.2	271.1	233.7	210.0	196.3	186.4	196.3	210.0	233.7	271.1	308.2
97.5°	629.4	586.6	534.6	488.8	465.9	447.6	465.9	488.8	534.6	586.6	629.4
100°	870.8	842.5	776.0	729.4	706.5	700.4	706.5	729.4	776.0	842.5	870.8
102.5°	1022.0	1014.3	979.9	949.4	924.9	920.4	924.9	949.4	979.9	1014.3	1022.0
105°	1078.8	1094.5	1096.0	1089.9	1079.2	1074.6	1079.2	1089.9	1096.0	1094.5	1078.8
107.5°	1061.6	1093.7	1127.3	1141.1	1147.2	1148.0	1147.2	1141.1	1127.3	1093.7	1061.6
110°	1000.6	1042.6	1096.8	1128.9	1142.6	1149.5	1142.6	1128.9	1096.8	1042.6	1000.6

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	925.7	967.7	1031.1	1071.6	1092.2	1104.4	1092.2	1071.6	1031.1	967.7	925.7
115°	858.5	895.2	955.5	1001.3	1025.8	1031.9	1025.8	1001.3	955.5	895.2	858.5
117.5°	805.8	837.9	891.3	931.0	957.0	960.8	957.0	931.0	891.3	837.9	805.8
120°	770.3	797.4	840.9	874.5	894.4	902.8	894.4	874.5	840.9	797.4	770.3
122.5°	747.0	769.9	805.0	832.5	848.6	857.0	848.6	832.5	805.0	769.9	747.0
125°	730.6	751.6	782.1	804.3	818.8	823.4	818.8	804.3	782.1	751.6	730.6
127.5°	714.9	734.8	765.3	785.2	797.4	802.0	797.4	785.2	765.3	734.8	714.9
130°	696.2	716.4	747.7	766.8	779.1	783.6	779.1	766.8	747.7	716.4	696.2
132.5°	674.0	694.3	724.8	747.0	758.4	763.0	758.4	747.0	724.8	694.3	674.0
135°	648.4	667.5	698.1	719.5	731.7	736.3	731.7	719.5	698.1	667.5	648.4
137.5°	621.0	638.5	667.5	689.7	699.6	705.0	699.6	689.7	667.5	638.5	621.0
140°	594.2	610.3	637.0	653.8	664.5	670.6	664.5	653.8	637.0	610.3	594.2
142.5°	569.4	582.8	605.7	621.0	630.1	633.9	630.1	621.0	605.7	582.8	569.4
145°	546.9	557.6	576.7	589.6	597.3	601.1	597.3	589.6	576.7	557.6	546.9
147.5°	528.2	536.9	551.4	562.9	569.0	570.5	569.0	562.9	551.4	536.9	528.2
150°	511.0	517.8	530.1	540.0	544.6	545.3	544.6	540.0	530.1	517.8	511.0
152.5°	496.4	501.8	511.7	519.4	521.7	522.4	521.7	519.4	511.7	501.8	496.4
155°	482.7	487.3	494.9	501.0	503.3	503.3	503.3	501.0	494.9	487.3	482.7
157.5°	469.7	473.5	479.7	484.2	485.8	485.8	485.8	484.2	479.7	473.5	469.7
160°	456.8	459.8	464.4	469.0	469.7	469.7	469.7	469.0	464.4	459.8	456.8
162.5°	444.2	446.8	449.9	454.4	455.2	454.4	455.2	454.4	449.9	446.8	444.2
165°	432.7	434.6	437.6	440.7	439.9	439.2	439.9	440.7	437.6	434.6	432.7
167.5°	422.8	423.9	425.4	427.7	427.7	427.0	427.7	427.7	425.4	423.9	422.8
170°	412.8	414.0	415.5	416.3	415.5	415.5	415.5	416.3	415.5	414.0	412.8
172.5°	404.0	404.8	405.6	406.3	405.6	404.0	405.6	406.3	405.6	404.8	404.0
175°	397.2	397.2	397.2	398.7	397.2	395.6	397.2	398.7	397.2	397.2	397.2
177.5°	392.2	392.6	391.8	392.6	391.1	389.5	391.1	392.6	391.8	392.6	392.2
180°	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7	1658.7
2.5°	1559.7	1568.0	1559.7	1565.2	1568.0	1574.9	1577.6	1590.0	1594.1	1603.7	1603.7
5°	1466.3	1470.4	1471.8	1477.3	1482.8	1496.5	1506.1	1524.0	1544.6	1547.4	1559.7
7.5°	1390.7	1397.6	1408.6	1404.4	1414.1	1434.7	1447.0	1469.0	1489.6	1500.6	1515.8
10°	1323.4	1331.6	1335.7	1339.9	1357.7	1375.6	1394.8	1409.9	1437.4	1453.9	1466.3
12.5°	1268.4	1261.5	1269.8	1284.9	1305.5	1316.5	1342.6	1366.0	1386.6	1404.4	1415.4
15°	1196.9	1202.4	1210.7	1236.8	1242.3	1269.8	1279.4	1305.5	1344.0	1360.5	1374.2
17.5°	1128.2	1146.1	1162.6	1172.2	1188.7	1210.7	1238.2	1267.0	1291.8	1311.0	1327.5
20°	1073.3	1091.1	1100.7	1107.6	1124.1	1154.3	1180.5	1216.2	1247.8	1262.9	1284.9
22.5°	1029.3	1029.3	1043.0	1063.6	1073.3	1102.1	1124.1	1162.6	1196.9	1216.2	1236.8
25°	974.3	982.6	993.6	1011.4	1025.2	1048.5	1080.1	1113.1	1150.2	1166.7	1192.8
27.5°	929.0	938.6	953.7	957.8	971.6	992.2	1025.2	1060.9	1099.4	1117.2	1139.2
30°	894.6	900.1	905.6	913.9	926.2	944.1	971.6	1003.2	1049.9	1063.6	1091.1
32.5°	864.4	867.1	869.9	876.7	883.6	901.5	923.5	957.8	996.3	1016.9	1041.7
35°	836.9	834.1	835.5	839.6	846.5	853.4	876.7	905.6	941.3	966.1	985.3
37.5°	810.8	805.3	803.9	803.9	806.7	814.9	832.8	857.5	896.0	916.6	935.8
40°	781.9	776.4	773.7	772.3	770.9	776.4	790.2	814.9	845.1	864.4	886.4
42.5°	754.4	748.9	742.1	740.7	738.0	740.7	750.3	773.7	799.8	819.0	836.9
45°	727.0	717.3	709.1	703.6	705.0	700.8	707.7	725.6	755.8	768.2	786.1
47.5°	696.7	685.7	674.7	669.2	663.7	666.5	669.2	684.4	710.5	722.8	740.7
50°	667.9	652.8	640.4	633.5	629.4	626.6	629.4	644.5	663.7	674.7	689.9
52.5°	634.9	619.8	607.4	596.4	590.9	586.8	588.2	601.9	619.8	630.8	645.9
55°	604.7	585.4	568.9	555.2	551.1	549.7	548.3	557.9	573.0	584.0	596.4
57.5°	570.3	551.1	533.2	516.7	508.5	507.1	507.1	509.8	529.1	537.3	544.2
60°	535.9	515.3	496.1	481.0	468.6	464.5	463.1	468.6	478.2	486.5	496.1
62.5°	497.5	476.9	453.5	439.7	427.4	416.4	420.5	421.9	435.6	439.7	448.0
65°	460.4	437.0	417.8	395.8	382.0	375.2	372.4	375.2	386.2	387.5	393.0
67.5°	417.8	395.8	372.4	357.3	344.9	332.6	329.8	329.8	335.3	339.4	346.3
70°	376.5	354.5	328.4	311.9	299.6	288.6	284.5	283.1	287.2	290.0	296.8
72.5°	328.4	306.4	287.2	269.3	254.2	246.0	241.9	239.1	243.2	246.0	247.4
75°	277.6	259.7	240.5	222.6	213.0	204.8	199.3	195.1	197.9	197.9	197.9
77.5°	229.5	211.6	196.5	184.1	171.8	162.2	158.0	153.9	155.3	155.3	158.0
80°	178.6	166.3	153.9	142.9	131.9	123.7	120.9	116.8	114.1	112.7	112.7
82.5°	131.9	122.3	111.3	101.7	96.2	87.9	85.2	79.7	79.7	78.3	78.3
85°	87.9	82.5	71.5	64.6	60.5	56.3	53.6	50.8	46.7	46.7	45.3
87.5°	46.7	44.0	41.2	33.0	33.0	28.9	27.5	26.1	22.0	23.4	23.4
90°	15.3	14.5	13.7	13.0	13.7	12.2	10.7	10.7	6.1	6.1	6.1
92.5°	108.5	137.5	184.1	249.0	299.4	262.0	190.2	116.1	68.7	58.8	48.9
95°	345.2	447.6	566.0	640.0	622.5	469.7	287.2	161.9	95.5	79.4	63.4
97.5°	672.1	756.1	815.0	802.7	666.0	449.9	262.0	154.3	101.6	87.8	74.1
100°	899.0	936.4	921.1	809.6	614.1	398.7	242.9	156.6	111.5	99.3	87.1
102.5°	1029.6	1006.7	915.8	752.3	549.2	364.3	237.5	164.2	124.5	113.0	101.6
105°	1063.2	987.6	855.4	680.5	501.0	347.5	240.6	177.2	140.5	129.4	118.4
107.5°	1029.6	924.2	781.3	621.7	469.7	342.9	249.8	190.9	157.3	146.2	135.2
110°	958.5	847.8	715.7	579.7	455.2	344.5	260.4	207.0	173.4	163.1	152.8

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	883.7	780.6	667.5	556.0	448.3	349.0	271.9	222.3	190.2	179.9	169.6
115°	821.8	732.5	638.5	543.0	446.8	355.2	284.1	238.3	207.7	197.4	187.1
117.5°	773.7	701.2	621.7	536.2	446.0	361.3	296.3	253.6	224.6	213.9	203.2
120°	743.2	682.1	611.0	530.8	446.0	368.1	309.3	269.6	240.6	229.9	219.2
122.5°	724.1	669.8	601.9	524.7	445.3	375.0	321.6	284.9	255.9	245.6	235.2
125°	709.6	656.9	591.2	517.8	444.5	381.9	333.8	298.6	271.1	260.5	249.8
127.5°	695.0	642.3	578.9	508.7	443.0	387.2	344.5	311.6	284.9	274.2	263.5
130°	675.9	624.0	563.7	500.3	442.2	393.3	354.4	324.6	298.6	287.6	276.5
132.5°	653.8	603.4	547.6	492.6	441.5	398.7	364.3	335.3	309.3	299.0	288.7
135°	629.4	582.8	533.1	485.0	440.7	404.0	372.7	345.2	320.0	310.1	300.2
137.5°	603.4	562.9	519.4	478.1	440.7	407.1	378.8	352.9	329.2	319.6	310.1
140°	578.2	543.8	507.9	472.8	439.9	410.9	384.9	360.5	337.6	328.5	319.3
142.5°	556.0	527.8	497.2	468.2	439.9	414.0	389.5	367.4	345.2	336.4	327.7
145°	536.2	513.3	487.3	462.9	438.4	414.7	392.6	372.0	352.1	343.7	335.3
147.5°	519.4	500.3	478.9	458.3	436.1	415.5	395.6	377.3	358.2	350.5	342.9
150°	504.1	488.8	471.3	452.9	433.8	415.5	397.9	381.1	364.3	357.0	349.8
152.5°	491.1	477.4	462.9	446.8	430.0	414.0	399.5	384.2	369.7	363.2	356.7
155°	478.1	466.7	454.4	440.7	426.2	412.4	400.2	387.2	374.3	368.6	362.8
157.5°	465.9	456.0	445.3	434.6	422.4	410.9	400.2	389.5	378.1	373.5	368.9
160°	453.7	445.3	436.9	427.7	417.8	408.6	400.2	391.1	381.9	377.7	373.5
162.5°	441.5	435.4	428.5	421.6	413.2	406.3	400.2	392.6	384.2	381.2	378.1
165°	430.8	425.4	420.8	414.7	408.6	403.3	398.7	392.6	385.7	383.4	381.1
167.5°	421.6	417.0	413.2	408.6	404.0	400.2	397.2	392.6	387.2	385.3	383.4
170°	411.7	408.6	406.3	402.5	399.5	397.2	395.6	391.8	388.0	386.8	385.7
172.5°	403.3	401.7	400.2	397.2	394.9	394.1	394.1	391.1	388.8	388.0	387.2
175°	397.2	395.6	394.9	393.3	391.8	391.8	392.6	390.3	388.8	388.8	388.8
177.5°	391.8	391.8	391.1	390.3	389.5	389.5	391.1	389.5	388.8	388.8	388.8
180°	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1658.7	1658.7	1658.7	1658.7
2.5°	1613.3	1627.1	1639.4	1658.7
5°	1577.6	1596.8	1622.9	1651.8
7.5°	1536.4	1566.6	1601.0	1640.8
10°	1497.9	1532.2	1576.2	1624.3
12.5°	1458.0	1499.3	1547.4	1599.6
15°	1412.7	1453.9	1507.5	1577.6
17.5°	1371.5	1420.9	1478.7	1552.9
20°	1323.4	1370.1	1433.3	1518.5
22.5°	1280.8	1334.4	1404.4	1478.7
25°	1234.0	1280.8	1350.9	1440.2
27.5°	1187.3	1245.0	1312.4	1399.0
30°	1142.0	1190.1	1262.9	1353.6
32.5°	1092.5	1150.2	1217.6	1302.8
35°	1038.9	1093.9	1157.1	1249.2
37.5°	990.8	1044.4	1109.0	1190.1
40°	937.2	993.6	1052.6	1133.7
42.5°	885.0	935.8	994.9	1069.1
45°	834.1	878.1	931.7	996.3
47.5°	781.9	819.0	868.5	926.2
50°	725.6	765.4	802.5	850.6
52.5°	673.4	707.7	738.0	777.8
55°	622.5	645.9	670.6	700.8
57.5°	568.9	586.8	604.7	636.3
60°	515.3	531.8	541.4	562.1
62.5°	463.1	470.0	482.3	494.7
65°	405.4	415.0	421.9	437.0
67.5°	353.2	357.3	364.2	373.8
70°	298.2	307.8	310.6	317.4
72.5°	251.5	255.6	258.4	259.7
75°	199.3	203.4	206.1	214.4
77.5°	156.7	155.3	160.8	162.2
80°	115.4	111.3	112.7	118.2
82.5°	75.6	77.0	75.6	75.6
85°	46.7	45.3	42.6	44.0
87.5°	20.6	20.6	19.2	19.2
90°	5.3	4.6	2.3	0.8
92.5°	35.1	23.7	15.3	10.7
95°	45.1	35.1	27.5	25.2
97.5°	58.0	48.9	42.0	42.0
100°	72.6	63.4	58.0	58.0
102.5°	87.8	79.4	74.9	73.3
105°	104.6	95.5	91.7	89.4
107.5°	122.2	112.3	108.5	106.9
110°	139.0	129.8	126.0	124.5

TEST NUMBER: P1000772

CATALOG NUMBER: SA4XXDIP-B1020D810UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	155.8	147.4	142.8	141.3
115°	172.6	165.0	159.6	157.3
117.5°	189.4	181.0	176.4	174.1
120°	206.2	197.8	192.5	190.9
122.5°	220.7	213.1	207.7	206.2
125°	235.2	226.8	222.3	219.2
127.5°	248.2	239.1	233.7	231.4
130°	262.0	250.5	244.4	241.4
132.5°	272.7	262.0	253.6	251.3
135°	284.1	271.1	263.5	260.4
137.5°	293.3	281.1	272.7	269.6
140°	303.2	290.2	281.8	279.5
142.5°	312.4	300.2	292.5	290.2
145°	320.8	310.1	302.5	300.2
147.5°	330.7	319.3	312.4	311.6
150°	338.4	329.2	323.1	322.3
152.5°	346.8	338.4	332.2	332.2
155°	354.4	346.8	342.2	341.4
157.5°	361.3	355.2	350.6	350.6
160°	367.4	362.0	359.0	359.0
162.5°	372.7	368.1	365.9	366.6
165°	377.3	373.5	372.0	372.0
167.5°	381.1	378.1	377.3	378.1
170°	384.2	381.9	381.1	381.9
172.5°	386.5	384.9	384.9	385.7
175°	388.0	387.2	387.2	388.0
177.5°	388.8	388.0	388.8	389.5
180°	388.8	388.8	388.8	388.8

(END OF REPORT)