

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: P1001750

Luminaire Tested: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1001750
REPORT IS A COMBINATION OF REPORTS P996372 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4
Description: Define 4 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

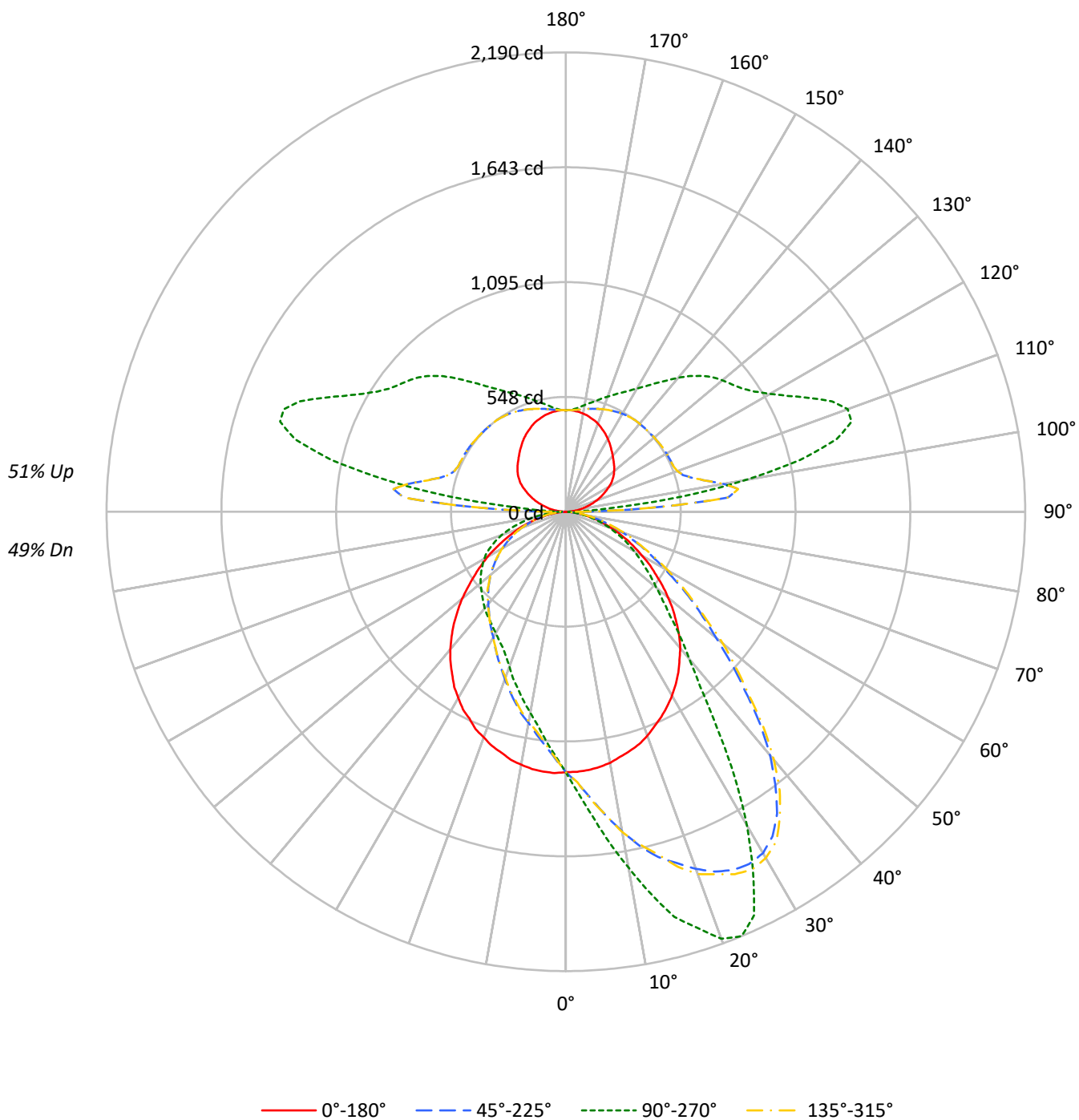
Lumens per Lamp: N/A
Luminaire Lumens: 6949.0 lumens
Efficiency: N/A
Efficacy: 107.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 64.4
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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	55	55	55
1	98	94	90	86	90	86	83	80	73	71	69	61	59	58	49	48	47
2	89	82	76	71	82	76	71	66	64	60	57	54	51	48	44	42	40
3	82	72	65	59	75	67	61	56	57	52	48	48	44	41	39	37	34
4	75	64	56	50	69	59	53	47	51	45	41	43	39	36	35	32	30
5	69	57	49	43	63	53	46	41	45	40	36	38	34	31	32	29	26
6	63	51	43	38	58	48	41	35	41	35	31	35	30	27	29	26	23
7	59	46	39	33	54	43	36	31	37	32	28	32	27	24	26	23	21
8	54	42	35	29	50	39	32	28	34	28	25	29	25	22	24	21	18
9	51	39	31	26	47	36	29	25	31	26	22	27	22	19	22	19	17
10	47	35	28	23	44	33	27	22	29	23	20	25	20	18	21	18	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10118	10118	10118	10118
5°	10093	11608	10152	8722
10°	10017	13543	10094	7652
15°	9897	15612	9966	6847
20°	9769	16930	9840	6139
25°	9582	16736	9674	5616
30°	9399	13833	9513	5347
35°	9143	10308	9243	5184
40°	8842	7766	8929	5104
45°	8385	6232	8490	4995
50°	7840	5251	7953	4944
55°	7197	4570	7310	4886
60°	6573	4025	6766	4805
65°	5987	3463	6043	4604
70°	5299	2849	5412	4240
75°	4622	2188	4591	3602
80°	3636	1439	3595	2734
85°	2394	646	2241	1595

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 13083 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.8	1.7
10°-20°	372.7	5.4
20°-30°	592.2	8.5
30°-40°	658.0	9.5
40°-50°	598.4	8.6
50°-60°	489.0	7.0
60°-70°	349.0	5.0
70°-80°	192.1	2.8
80°-90°	53.8	0.8
90°-100°	350.6	5.0
100°-110°	731.9	10.5
110°-120°	650.6	9.4
120°-130°	547.7	7.9
130°-140°	456.9	6.6
140°-150°	348.9	5.0
150°-160°	245.3	3.5
160°-170°	144.3	2.1
170°-180°	46.9	0.7
0°-30°	1085.7	15.6
0°-40°	1743.6	25.1
0°-60°	2831.0	40.7
0°-90°	3425.9	49.3
90°-120°	1733.2	24.9
90°-150°	3086.7	44.4
90°-180°	3523.0	50.7
0°-180°	6949.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1241	1241	1241	1241	1241	
5°	1236	1456	1243	1094	1236	117
15°	1180	2000	1188	877	1180	333
25°	1077	2123	1088	712	1077	496
35°	934	1255	945	631	934	584
45°	745	704	755	564	745	575
55°	524	461	532	492	524	472
65°	327	296	330	394	327	323
75°	160	148	159	244	160	168
85°	33	31	31	76	33	38
90°	1	20	1	20	1	4
95°	31	232	31	232	31	34
105°	111	1337	111	1337	111	118
115°	196	1284	196	1284	196	194
125°	273	1024	273	1024	273	243
135°	324	916	324	916	324	250
145°	374	748	374	748	374	234
155°	425	626	425	626	425	196
165°	463	546	463	546	463	131
175°	483	492	483	492	483	46
180°	484	484	484	484	484	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8
2.5°	1240.8	1253.2	1258.3	1262.4	1275.8	1279.9	1280.9	1287.1	1292.2	1293.3	1293.3
5°	1235.7	1255.2	1270.6	1285.0	1306.6	1315.9	1327.2	1339.5	1356.0	1366.3	1371.4
7.5°	1227.5	1256.3	1279.9	1304.6	1334.4	1352.9	1363.2	1396.1	1418.7	1437.2	1459.8
10°	1215.1	1252.1	1286.1	1322.1	1364.2	1386.8	1409.4	1449.5	1481.4	1517.4	1546.2
12.5°	1196.6	1244.9	1286.1	1336.4	1388.9	1415.6	1442.3	1512.2	1549.2	1581.1	1632.5
15°	1180.2	1228.5	1287.1	1338.5	1403.3	1443.4	1482.4	1527.7	1586.3	1655.1	1704.5
17.5°	1161.7	1222.3	1276.8	1348.8	1420.7	1458.8	1490.6	1560.6	1642.8	1710.6	1755.9
20°	1136.0	1197.7	1269.6	1345.7	1431.0	1460.8	1503.0	1596.5	1670.6	1737.4	1811.4
22.5°	1106.2	1178.1	1254.2	1327.2	1415.6	1478.3	1524.6	1606.8	1696.3	1773.4	1856.6
25°	1077.4	1155.5	1222.3	1322.1	1415.6	1457.8	1510.2	1607.8	1705.5	1799.1	1884.4
27.5°	1046.5	1119.5	1210.0	1289.2	1395.0	1441.3	1497.8	1604.8	1708.6	1802.1	1893.6
30°	1012.6	1090.7	1165.8	1259.3	1362.1	1421.8	1474.2	1590.4	1696.3	1793.9	1879.2
32.5°	974.6	1048.6	1128.8	1217.2	1325.1	1385.8	1451.6	1570.8	1683.9	1768.2	1834.0
35°	934.5	1009.5	1079.4	1169.9	1280.9	1341.6	1405.3	1536.9	1649.0	1717.8	1755.9
37.5°	890.3	961.2	1030.1	1119.5	1230.6	1295.3	1360.1	1487.6	1593.5	1651.0	1640.7
40°	848.1	911.9	975.6	1059.9	1176.1	1244.9	1301.5	1430.0	1522.5	1547.2	1513.3
42.5°	799.8	854.3	916.0	1002.3	1115.4	1180.2	1251.1	1368.3	1437.2	1426.9	1369.3
45°	745.3	793.6	855.3	936.5	1051.7	1118.5	1178.1	1289.2	1339.5	1313.8	1209.0
47.5°	692.9	740.2	790.6	871.8	983.8	1040.4	1101.0	1200.7	1229.5	1175.0	1070.2
50°	636.4	675.4	727.8	805.0	909.8	969.4	1019.8	1100.0	1110.3	1043.5	934.5
52.5°	581.9	614.8	665.1	741.2	838.9	886.2	935.5	1006.4	998.2	929.3	824.5
55°	524.3	555.1	601.4	671.3	757.7	802.9	845.0	907.8	890.3	819.3	727.8
57.5°	476.0	497.6	542.8	607.6	678.5	727.8	763.8	813.2	786.4	715.5	630.2
60°	420.5	447.2	485.2	537.7	607.6	640.5	672.3	705.2	686.7	618.9	542.8
62.5°	370.1	390.7	423.5	473.9	528.4	558.2	592.1	612.7	594.2	531.5	467.8
65°	326.9	343.4	369.1	410.2	462.6	487.3	506.8	526.4	510.9	452.3	406.1
67.5°	279.6	294.0	315.6	348.5	392.7	410.2	428.7	442.1	424.6	385.5	340.3
70°	237.5	247.8	268.3	293.0	323.8	340.3	355.7	369.1	353.6	320.7	286.8
72.5°	194.3	202.5	221.0	238.5	266.3	277.6	288.9	299.2	294.0	263.2	235.4
75°	160.4	163.5	175.8	190.2	207.7	220.0	228.2	234.4	230.3	205.6	188.1
77.5°	121.3	125.4	134.7	146.0	161.4	168.6	173.7	179.9	174.8	155.2	142.9
80°	88.4	89.4	94.6	104.9	115.1	116.2	121.3	129.5	126.4	113.1	103.8
82.5°	56.5	59.6	61.7	67.9	75.0	77.1	80.2	82.2	81.2	73.0	69.9
85°	32.9	32.9	35.0	39.1	41.1	44.2	45.2	46.3	48.3	43.2	40.1
87.5°	14.4	15.4	15.4	16.4	18.5	18.5	19.5	20.6	21.6	20.6	17.5
90°	1.0	2.9	5.7	6.7	7.6	7.6	7.6	13.3	13.3	15.2	17.1
92.5°	13.3	19.0	29.5	43.7	60.8	73.2	85.5	144.5	236.6	326.0	372.5
95°	31.4	34.2	43.7	56.1	78.9	98.8	118.8	201.5	357.3	584.5	774.5
97.5°	52.3	52.3	60.8	72.2	92.2	109.3	126.4	192.0	326.0	559.8	828.7
100°	72.2	72.2	78.9	90.3	108.3	123.6	138.8	194.8	302.2	496.1	764.1
102.5°	91.2	93.1	98.8	109.3	126.4	140.6	154.9	204.3	295.6	453.3	683.3
105°	111.2	114.0	118.8	130.2	147.3	161.1	174.9	220.5	299.4	432.4	623.4
107.5°	133.0	134.9	139.7	152.1	168.2	182.0	195.8	237.6	310.8	426.7	584.5
110°	154.9	156.8	161.6	173.0	190.1	202.9	215.7	257.5	324.1	428.6	566.4

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CANDELA DISTRIBUTION (continued):

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

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8
2.5°	1296.4	1314.9	1323.1	1325.1	1336.4	1329.2	1332.3	1331.3	1339.5	1340.6	1340.6
5°	1390.9	1412.5	1419.7	1430.0	1445.4	1449.5	1446.4	1452.6	1463.9	1455.7	1468.0
7.5°	1490.6	1514.3	1530.7	1553.4	1558.5	1571.9	1580.1	1587.3	1589.3	1590.4	1592.4
10°	1583.2	1613.0	1635.6	1673.6	1681.9	1689.1	1725.0	1710.6	1729.2	1723.0	1725.0
12.5°	1658.2	1716.8	1735.3	1799.1	1805.2	1829.9	1827.8	1850.5	1854.6	1862.8	1854.6
15°	1756.9	1824.8	1854.6	1890.6	1911.1	1939.9	1945.0	1975.9	1988.2	1999.5	1988.2
17.5°	1847.4	1883.4	1959.4	1988.2	2001.6	2017.0	2056.1	2067.4	2085.9	2078.7	2099.2
20°	1892.6	1944.0	2024.2	2073.5	2094.1	2108.5	2141.4	2158.9	2166.1	2166.1	2168.1
22.5°	1932.7	2006.7	2066.3	2122.9	2141.4	2151.7	2171.2	2184.6	2187.7	2189.7	2191.8
25°	1968.7	2035.5	2083.8	2115.7	2122.9	2122.9	2134.2	2126.0	2112.6	2122.9	2129.1
27.5°	1968.7	2016.0	2037.6	2048.9	2048.9	2021.1	2004.7	1970.7	1942.0	1933.7	1952.2
30°	1935.8	1957.4	1927.6	1899.8	1878.2	1859.7	1794.9	1743.5	1733.3	1726.1	1753.8
32.5°	1859.7	1832.0	1773.4	1693.2	1661.3	1619.2	1568.8	1529.7	1506.1	1497.8	1491.7
35°	1725.0	1653.1	1577.0	1469.1	1446.4	1393.0	1324.1	1295.3	1256.3	1255.2	1268.6
37.5°	1578.0	1467.0	1384.8	1282.0	1250.1	1193.5	1128.8	1099.0	1072.2	1051.7	1076.4
40°	1406.4	1309.7	1184.3	1100.0	1054.8	1024.9	970.5	937.6	925.2	915.0	930.4
42.5°	1246.0	1140.1	1042.4	956.1	919.1	885.1	849.2	817.3	808.0	807.0	818.3
45°	1086.6	982.8	892.3	818.3	794.7	774.1	739.2	729.9	714.5	704.2	709.3
47.5°	959.2	852.2	777.2	720.7	700.1	682.6	660.0	644.6	631.2	627.1	633.3
50°	833.7	761.8	684.7	637.4	622.0	605.5	588.0	573.6	567.5	563.4	567.5
52.5°	733.0	655.9	603.5	565.4	550.0	537.7	525.3	519.2	510.9	513.0	517.1
55°	642.5	574.7	530.5	502.7	493.5	488.3	472.9	465.7	462.6	460.6	462.6
57.5°	557.2	507.8	475.0	451.3	439.0	435.9	423.5	423.5	420.5	417.4	418.4
60°	489.3	447.2	415.3	396.8	394.8	389.6	381.4	380.4	373.2	376.3	377.3
62.5°	420.5	386.5	365.0	353.6	346.4	344.4	339.3	338.2	335.1	336.2	334.1
65°	366.0	338.2	316.6	307.4	304.3	303.3	299.2	296.1	294.0	296.1	294.0
67.5°	311.5	293.0	276.5	267.3	263.2	262.1	259.1	257.0	258.0	255.0	257.0
70°	260.1	241.6	231.3	226.2	224.1	221.0	221.0	221.0	221.0	219.0	217.9
72.5°	219.0	200.5	193.3	190.2	188.1	187.1	184.0	185.0	184.0	183.0	187.1
75°	173.7	162.4	155.2	152.1	154.2	151.1	148.0	150.1	147.0	148.0	152.1
77.5°	131.6	126.4	122.3	120.3	118.2	116.2	116.2	114.1	114.1	114.1	114.1
80°	95.6	94.6	87.4	86.4	86.4	84.3	84.3	84.3	84.3	83.3	84.3
82.5°	63.7	62.7	60.7	59.6	57.6	58.6	58.6	56.5	56.5	55.5	56.5
85°	37.0	37.0	35.0	33.9	32.9	33.9	31.9	30.8	31.9	30.8	31.9
87.5°	17.5	15.4	16.4	15.4	13.4	14.4	12.3	13.4	12.3	11.3	13.4
90°	16.2	17.1	18.1	19.0	19.0	19.0	20.0	20.9	20.0	20.0	20.0
92.5°	309.8	229.0	171.1	134.9	123.0	111.2	96.9	90.3	86.5	86.5	86.5
95°	796.4	704.2	556.9	429.6	383.5	337.4	290.8	261.3	244.2	231.9	244.2
97.5°	998.8	1014.0	940.8	836.3	783.1	729.9	665.2	608.2	579.7	556.9	579.7
100°	1007.4	1146.1	1165.1	1118.6	1083.4	1048.2	965.6	907.6	879.1	871.5	879.1
102.5°	936.1	1139.5	1252.6	1281.1	1271.6	1262.1	1219.3	1181.3	1150.9	1145.2	1150.9
105°	846.8	1064.4	1228.8	1322.9	1342.4	1361.8	1363.7	1356.1	1342.8	1337.1	1342.8
107.5°	773.6	972.2	1149.9	1281.1	1321.0	1360.9	1402.7	1419.8	1427.4	1428.4	1427.4
110°	721.3	890.5	1054.9	1192.7	1245.0	1297.2	1364.7	1404.6	1421.7	1430.3	1421.7

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8
2.5°	1338.5	1335.4	1331.3	1331.3	1326.2	1326.2	1317.9	1303.5	1291.2	1287.1	1289.2
5°	1452.6	1453.6	1447.5	1442.3	1433.1	1425.9	1412.5	1386.8	1378.6	1362.1	1350.8
7.5°	1583.2	1579.1	1567.8	1559.5	1557.5	1541.0	1512.2	1481.4	1456.7	1440.3	1416.6
10°	1730.2	1713.7	1697.3	1692.1	1679.8	1652.1	1619.2	1585.2	1551.3	1515.3	1475.2
12.5°	1853.5	1821.7	1820.6	1808.3	1784.7	1769.2	1730.2	1681.9	1623.3	1583.2	1537.9
15°	1986.2	1956.3	1931.7	1909.1	1897.8	1852.5	1819.6	1759.0	1689.1	1645.9	1615.0
17.5°	2080.7	2067.4	2025.2	2014.9	1999.5	1947.1	1894.7	1835.0	1774.4	1713.7	1630.5
20°	2156.8	2148.6	2120.8	2106.4	2081.8	2040.6	1976.9	1908.0	1838.1	1751.8	1673.6
22.5°	2189.7	2179.4	2156.8	2144.5	2129.1	2094.1	2039.6	1961.5	1870.0	1792.9	1709.6
25°	2124.9	2143.5	2137.3	2132.1	2126.0	2105.4	2064.3	1995.4	1906.0	1818.6	1714.8
27.5°	1979.0	2010.8	2041.7	2045.8	2056.1	2064.3	2047.8	1998.5	1923.5	1830.9	1716.8
30°	1782.6	1797.0	1859.7	1878.2	1892.6	1945.0	1975.9	1963.5	1906.0	1822.7	1717.8
32.5°	1530.7	1568.8	1632.5	1676.7	1715.8	1774.4	1854.6	1886.4	1865.9	1798.0	1694.2
35°	1292.2	1337.5	1411.5	1468.0	1507.1	1590.4	1684.9	1753.8	1779.5	1745.6	1653.1
37.5°	1096.9	1151.4	1217.2	1238.8	1284.0	1386.8	1517.4	1613.0	1675.7	1678.8	1606.8
40°	949.9	977.7	1030.1	1063.0	1107.2	1193.5	1321.0	1447.5	1542.1	1573.9	1535.9
42.5°	825.5	847.1	886.2	926.3	966.4	1032.1	1149.3	1267.6	1395.0	1458.8	1457.8
45°	726.8	749.4	776.2	809.1	836.8	907.8	1000.3	1121.6	1231.6	1330.3	1354.9
47.5°	640.5	660.0	692.9	707.3	725.8	792.6	872.8	985.9	1100.0	1213.1	1241.9
50°	576.7	593.2	615.8	625.0	645.6	695.0	760.7	852.2	978.7	1082.5	1136.0
52.5°	519.2	531.5	549.0	556.2	570.6	607.6	667.2	739.2	844.0	950.9	1026.0
55°	469.8	478.0	490.4	498.6	508.9	541.8	586.0	650.7	741.2	833.7	906.7
57.5°	423.5	429.7	442.1	446.2	454.4	480.1	510.9	565.4	648.7	730.9	801.9
60°	380.4	384.5	391.7	400.9	407.1	424.6	453.4	498.6	565.4	640.5	698.0
62.5°	339.3	345.4	347.5	351.6	356.7	373.2	395.8	428.7	487.3	549.0	609.6
65°	297.1	302.2	306.4	307.4	312.5	324.9	345.4	374.2	412.2	465.7	522.2
67.5°	258.0	261.1	263.2	267.3	272.4	278.6	295.0	316.6	351.6	394.8	440.0
70°	222.1	222.1	225.1	226.2	232.3	239.5	246.7	267.3	298.1	333.1	363.9
72.5°	183.0	188.1	187.1	192.2	191.2	196.4	205.6	219.0	241.6	269.3	299.2
75°	149.1	152.1	152.1	152.1	154.2	158.3	163.5	175.8	193.3	215.9	233.4
77.5°	116.2	118.2	118.2	118.2	119.3	123.4	128.5	136.7	149.1	162.4	172.7
80°	83.3	85.3	85.3	87.4	87.4	88.4	93.6	97.7	103.8	114.1	124.4
82.5°	56.5	57.6	59.6	59.6	58.6	60.7	61.7	65.8	72.0	74.0	81.2
85°	30.8	31.9	32.9	32.9	33.9	36.0	35.0	39.1	39.1	43.2	45.2
87.5°	12.3	14.4	14.4	13.4	14.4	14.4	14.4	16.4	17.5	18.5	17.5
90°	20.9	20.0	19.0	19.0	19.0	18.1	17.1	16.2	17.1	15.2	13.3
92.5°	90.3	96.9	111.2	123.0	134.9	171.1	229.0	309.8	372.5	326.0	236.6
95°	261.3	290.8	337.4	383.5	429.6	556.9	704.2	796.4	774.5	584.5	357.3
97.5°	608.2	665.2	729.9	783.1	836.3	940.8	1014.0	998.8	828.7	559.8	326.0
100°	907.6	965.6	1048.2	1083.4	1118.6	1165.1	1146.1	1007.4	764.1	496.1	302.2
102.5°	1181.3	1219.3	1262.1	1271.6	1281.1	1252.6	1139.5	936.1	683.3	453.3	295.6
105°	1356.1	1363.7	1361.8	1342.4	1322.9	1228.8	1064.4	846.8	623.4	432.4	299.4
107.5°	1419.8	1402.7	1360.9	1321.0	1281.1	1149.9	972.2	773.6	584.5	426.7	310.8
110°	1404.6	1364.7	1297.2	1245.0	1192.7	1054.9	890.5	721.3	566.4	428.6	324.1

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8
2.5°	1279.9	1275.8	1272.7	1272.7	1263.5	1254.2	1249.1	1247.0	1244.9	1236.7	1225.4
5°	1332.3	1319.0	1309.7	1300.5	1285.0	1268.6	1252.1	1242.9	1229.5	1211.0	1197.7
7.5°	1390.9	1359.1	1348.8	1337.5	1306.6	1278.9	1256.3	1236.7	1215.1	1191.5	1167.8
10°	1440.3	1406.4	1383.7	1364.2	1324.1	1287.1	1253.2	1224.4	1196.6	1165.8	1137.0
12.5°	1487.6	1439.2	1415.6	1386.8	1344.7	1291.2	1247.0	1211.0	1169.9	1138.0	1103.1
15°	1553.4	1472.1	1433.1	1414.6	1358.0	1295.3	1241.9	1188.4	1154.5	1106.2	1075.3
17.5°	1563.6	1497.8	1472.1	1424.9	1357.0	1286.1	1224.4	1170.9	1119.5	1076.4	1036.3
20°	1599.6	1513.3	1472.1	1442.3	1352.9	1280.9	1213.1	1144.2	1094.9	1048.6	1003.4
22.5°	1622.2	1524.6	1481.4	1434.1	1348.8	1262.4	1182.2	1122.6	1062.0	1014.7	978.7
25°	1616.1	1518.4	1470.1	1425.9	1322.1	1235.7	1163.7	1087.7	1031.1	979.7	932.4
27.5°	1613.0	1503.0	1451.6	1402.2	1304.6	1214.1	1123.6	1062.0	999.2	939.6	904.7
30°	1604.8	1483.5	1423.8	1370.4	1268.6	1174.0	1096.9	1024.9	962.2	907.8	861.5
32.5°	1577.0	1450.6	1393.0	1335.4	1229.5	1134.9	1056.8	990.0	927.3	870.7	826.5
35°	1540.0	1411.5	1348.8	1288.1	1182.2	1086.6	1014.7	944.8	886.2	831.7	789.5
37.5°	1503.0	1366.3	1307.7	1237.8	1140.1	1040.4	966.4	903.6	849.2	792.6	746.4
40°	1449.5	1312.8	1248.0	1188.4	1074.3	980.7	912.9	856.4	802.9	749.4	710.4
42.5°	1376.5	1254.2	1187.4	1121.6	1014.7	922.1	856.4	806.0	755.6	711.4	668.2
45°	1302.5	1183.3	1123.6	1065.0	948.9	861.5	800.8	754.6	712.4	664.1	629.2
47.5°	1213.1	1112.3	1052.7	995.1	885.1	797.8	742.2	699.1	660.0	619.9	587.0
50°	1121.6	1034.2	979.7	920.1	815.2	736.1	681.6	645.6	613.7	575.7	549.0
52.5°	1022.9	946.8	900.6	843.0	750.5	677.5	622.0	586.0	559.3	531.5	507.8
55°	918.0	862.5	813.2	766.9	679.5	613.7	564.4	532.5	514.0	488.3	467.8
57.5°	823.5	770.0	740.2	687.8	611.7	546.9	507.8	481.1	459.5	444.1	427.7
60°	724.8	681.6	648.7	610.7	543.8	489.3	448.2	432.8	410.2	398.9	391.7
62.5°	630.2	599.3	568.5	539.7	480.1	428.7	397.8	378.3	365.0	353.6	347.5
65°	540.7	512.0	490.4	464.7	415.3	374.2	345.4	330.0	316.6	313.6	306.4
67.5°	453.4	441.0	417.4	396.8	354.7	322.8	301.2	281.7	274.5	271.4	265.2
70°	379.3	365.0	346.4	329.0	297.1	269.3	249.8	242.6	232.3	231.3	224.1
72.5°	312.5	295.0	281.7	268.3	244.7	220.0	209.7	199.4	194.3	190.2	187.1
75°	247.8	235.4	226.2	214.9	194.3	177.8	163.5	159.3	156.3	155.2	153.2
77.5°	185.0	176.8	172.7	161.4	147.0	132.6	126.4	120.3	120.3	118.2	119.3
80°	131.6	126.4	121.3	115.1	102.8	96.6	91.5	87.4	85.3	84.3	85.3
82.5°	83.3	80.2	79.2	75.0	66.8	63.7	59.6	56.5	56.5	56.5	56.5
85°	46.3	46.3	46.3	40.1	37.0	33.9	31.9	30.8	30.8	30.8	31.9
87.5°	19.5	19.5	16.4	16.4	15.4	13.4	12.3	12.3	13.4	13.4	14.4
90°	13.3	7.6	7.6	7.6	6.7	5.7	2.9	1.0	2.9	5.7	6.7
92.5°	144.5	85.5	73.2	60.8	43.7	29.5	19.0	13.3	19.0	29.5	43.7
95°	201.5	118.8	98.8	78.9	56.1	43.7	34.2	31.4	34.2	43.7	56.1
97.5°	192.0	126.4	109.3	92.2	72.2	60.8	52.3	52.3	52.3	60.8	72.2
100°	194.8	138.8	123.6	108.3	90.3	78.9	72.2	72.2	72.2	78.9	90.3
102.5°	204.3	154.9	140.6	126.4	109.3	98.8	93.1	91.2	93.1	98.8	109.3
105°	220.5	174.9	161.1	147.3	130.2	118.8	114.0	111.2	114.0	118.8	130.2
107.5°	237.6	195.8	182.0	168.2	152.1	139.7	134.9	133.0	134.9	139.7	152.1
110°	257.5	215.7	202.9	190.1	173.0	161.6	156.8	154.9	156.8	161.6	173.0

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8
2.5°	1222.3	1218.2	1220.3	1210.0	1200.7	1187.4	1176.1	1174.0	1172.0	1178.1	1174.0
5°	1187.4	1182.2	1177.1	1164.8	1146.3	1134.9	1118.5	1117.5	1111.3	1102.1	1104.1
7.5°	1149.3	1146.3	1139.1	1119.5	1103.1	1083.5	1070.2	1058.9	1053.7	1045.5	1042.4
10°	1118.5	1107.2	1101.0	1079.4	1059.9	1039.3	1021.9	1013.6	1004.4	997.2	992.1
12.5°	1076.4	1073.3	1055.8	1038.3	1021.9	998.2	984.9	961.2	948.9	955.0	953.0
15°	1048.6	1034.2	1030.1	1005.4	977.7	962.2	937.6	922.1	917.0	907.8	896.4
17.5°	1011.6	1002.3	987.9	965.3	933.5	911.9	894.4	880.0	873.8	861.5	852.2
20°	976.6	961.2	949.9	929.3	898.5	870.7	849.2	839.9	824.5	814.2	809.1
22.5°	944.8	933.5	917.0	886.2	859.4	832.7	807.0	793.6	779.2	773.1	764.9
25°	905.7	887.2	875.9	842.0	813.2	791.6	767.9	750.5	742.2	732.0	729.9
27.5°	867.7	850.2	836.8	807.0	772.1	744.3	729.9	717.6	703.2	703.2	698.0
30°	829.6	817.3	796.7	767.9	735.0	708.3	691.9	680.6	675.4	671.3	670.3
32.5°	791.6	775.1	762.8	723.7	699.1	674.4	662.1	652.8	646.6	645.6	646.6
35°	752.5	734.0	721.7	686.7	662.1	639.4	634.3	626.1	623.0	622.0	627.1
37.5°	711.4	697.0	681.6	652.8	625.0	611.7	601.4	598.3	597.3	603.5	605.5
40°	673.4	661.0	646.6	615.8	595.2	580.8	575.7	572.6	576.7	582.9	586.0
42.5°	637.4	619.9	608.6	580.8	562.3	554.1	547.9	547.9	552.1	559.3	564.4
45°	599.3	586.0	574.7	550.0	533.5	524.3	523.3	524.3	529.4	534.6	540.7
47.5°	562.3	549.0	536.6	516.1	501.7	496.5	495.5	496.5	504.8	512.0	519.2
50°	528.4	514.0	502.7	483.2	471.9	465.7	466.7	471.9	478.0	488.3	497.6
52.5°	488.3	478.0	467.8	450.3	440.0	435.9	439.0	443.1	454.4	461.6	472.9
55°	449.3	440.0	431.8	418.4	410.2	407.1	409.2	415.3	424.6	436.9	450.3
57.5°	413.3	403.0	394.8	385.5	376.3	377.3	378.3	386.5	397.8	409.2	424.6
60°	373.2	367.0	359.8	348.5	344.4	344.4	347.5	356.7	367.0	385.5	398.9
62.5°	337.2	329.0	323.8	316.6	310.5	311.5	318.7	326.9	339.3	354.7	372.1
65°	300.2	290.9	286.8	280.7	278.6	279.6	284.8	297.1	310.5	323.8	340.3
67.5°	259.1	256.0	251.9	245.7	247.8	248.8	253.9	264.2	278.6	292.0	310.5
70°	224.1	217.9	216.9	211.8	211.8	214.9	225.1	232.3	245.7	260.1	279.6
72.5°	187.1	182.0	182.0	177.8	180.9	184.0	189.2	199.4	211.8	226.2	242.6
75°	149.1	147.0	149.1	147.0	147.0	152.1	158.3	166.5	179.9	195.3	208.7
77.5°	115.1	115.1	114.1	117.2	117.2	120.3	128.5	136.7	147.0	159.3	173.7
80°	84.3	84.3	84.3	87.4	90.5	90.5	95.6	105.9	115.1	123.4	136.7
82.5°	57.6	57.6	57.6	59.6	63.7	63.7	69.9	76.1	86.4	93.6	99.7
85°	35.0	35.0	33.9	36.0	37.0	40.1	45.2	49.3	54.5	60.7	66.8
87.5°	15.4	15.4	16.4	17.5	18.5	20.6	22.6	24.7	29.8	31.9	35.0
90°	7.6	7.6	7.6	13.3	13.3	15.2	17.1	16.2	17.1	18.1	19.0
92.5°	60.8	73.2	85.5	144.5	236.6	326.0	372.5	309.8	229.0	171.1	134.9
95°	78.9	98.8	118.8	201.5	357.3	584.5	774.5	796.4	704.2	556.9	429.6
97.5°	92.2	109.3	126.4	192.0	326.0	559.8	828.7	998.8	1014.0	940.8	836.3
100°	108.3	123.6	138.8	194.8	302.2	496.1	764.1	1007.4	1146.1	1165.1	1118.6
102.5°	126.4	140.6	154.9	204.3	295.6	453.3	683.3	936.1	1139.5	1252.6	1281.1
105°	147.3	161.1	174.9	220.5	299.4	432.4	623.4	846.8	1064.4	1228.8	1322.9
107.5°	168.2	182.0	195.8	237.6	310.8	426.7	584.5	773.6	972.2	1149.9	1281.1
110°	190.1	202.9	215.7	257.5	324.1	428.6	566.4	721.3	890.5	1054.9	1192.7



TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8
2.5°	1170.9	1169.9	1164.8	1166.8	1160.7	1162.7	1165.8	1166.8	1170.9	1167.8	1166.8
5°	1099.0	1096.9	1093.8	1090.7	1089.7	1093.8	1086.6	1088.7	1090.7	1093.8	1097.9
7.5°	1040.4	1039.3	1036.3	1031.1	1029.1	1027.0	1028.0	1035.2	1034.2	1033.2	1040.4
10°	986.9	987.9	981.8	980.7	974.6	973.5	974.6	976.6	979.7	983.8	984.9
12.5°	931.4	944.8	933.5	929.3	920.1	925.2	927.3	918.0	923.2	926.3	941.7
15°	896.4	890.3	883.1	883.1	879.0	876.9	871.8	879.0	883.1	889.2	887.2
17.5°	848.1	837.8	833.7	829.6	830.7	834.8	823.5	839.9	839.9	843.0	837.8
20°	806.0	797.8	792.6	790.6	787.5	785.4	784.4	788.5	794.7	796.7	801.9
22.5°	761.8	761.8	753.5	750.5	748.4	745.3	750.5	747.4	751.5	755.6	763.8
25°	724.8	724.8	721.7	717.6	714.5	712.4	715.5	714.5	717.6	722.7	724.8
27.5°	695.0	691.9	690.8	689.8	688.8	689.8	688.8	691.9	695.0	696.0	693.9
30°	669.3	666.2	667.2	667.2	668.2	667.2	666.2	669.3	670.3	668.2	669.3
32.5°	645.6	645.6	647.7	648.7	648.7	649.7	650.7	648.7	649.7	646.6	647.7
35°	626.1	628.1	630.2	631.2	632.2	631.2	633.3	632.2	630.2	628.1	627.1
37.5°	606.5	608.6	612.7	613.7	616.8	617.8	615.8	615.8	614.8	610.7	608.6
40°	586.0	588.0	593.2	596.3	598.3	601.4	599.3	599.3	595.2	591.1	588.0
42.5°	566.4	570.6	575.7	578.8	582.9	582.9	582.9	580.8	575.7	571.6	568.5
45°	546.9	547.9	555.1	560.3	564.4	564.4	564.4	561.3	558.2	550.0	545.9
47.5°	525.3	528.4	536.6	541.8	545.9	546.9	546.9	543.8	537.7	530.5	525.3
50°	501.7	506.8	516.1	523.3	528.4	530.5	527.4	525.3	518.1	509.9	503.7
52.5°	479.1	485.2	496.5	502.7	509.9	510.9	509.9	506.8	498.6	487.3	482.1
55°	456.4	461.6	473.9	484.2	490.4	492.4	490.4	485.2	475.0	463.6	458.5
57.5°	431.8	439.0	452.3	462.6	469.8	470.8	468.8	463.6	455.4	441.0	433.8
60°	406.1	415.3	428.7	439.0	448.2	449.3	447.2	440.0	429.7	415.3	409.2
62.5°	380.4	387.6	403.0	414.3	421.5	426.6	422.5	415.3	405.0	390.7	381.4
65°	350.6	360.8	374.2	384.5	392.7	393.7	391.7	385.5	374.2	358.8	351.6
67.5°	321.8	329.0	342.3	355.7	358.8	361.9	358.8	352.6	343.4	330.0	319.7
70°	286.8	293.0	309.4	318.7	322.8	325.9	323.8	317.7	309.4	297.1	288.9
72.5°	251.9	257.0	272.4	279.6	287.8	286.8	285.8	281.7	270.4	262.1	257.0
75°	214.9	221.0	231.3	240.6	243.6	243.6	243.6	240.6	233.4	220.0	214.9
77.5°	180.9	184.0	192.2	197.4	200.5	201.5	200.5	195.3	191.2	182.0	178.9
80°	138.8	147.0	153.2	154.2	158.3	158.3	158.3	156.3	152.1	142.9	141.9
82.5°	104.9	106.9	113.1	116.2	118.2	117.2	117.2	113.1	112.1	106.9	104.9
85°	70.9	74.0	73.0	77.1	78.1	76.1	76.1	78.1	73.0	74.0	70.9
87.5°	39.1	39.1	41.1	40.1	44.2	44.2	42.1	43.2	41.1	40.1	39.1
90°	19.0	19.0	20.0	20.9	20.0	20.0	20.0	20.9	20.0	19.0	19.0
92.5°	123.0	111.2	96.9	90.3	86.5	86.5	86.5	90.3	96.9	111.2	123.0
95°	383.5	337.4	290.8	261.3	244.2	231.9	244.2	261.3	290.8	337.4	383.5
97.5°	783.1	729.9	665.2	608.2	579.7	556.9	579.7	608.2	665.2	729.9	783.1
100°	1083.4	1048.2	965.6	907.6	879.1	871.5	879.1	907.6	965.6	1048.2	1083.4
102.5°	1271.6	1262.1	1219.3	1181.3	1150.9	1145.2	1150.9	1181.3	1219.3	1262.1	1271.6
105°	1342.4	1361.8	1363.7	1356.1	1342.8	1337.1	1342.8	1356.1	1363.7	1361.8	1342.4
107.5°	1321.0	1360.9	1402.7	1419.8	1427.4	1428.4	1427.4	1419.8	1402.7	1360.9	1321.0
110°	1245.0	1297.2	1364.7	1404.6	1421.7	1430.3	1421.7	1404.6	1364.7	1297.2	1245.0

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8
2.5°	1166.8	1173.0	1166.8	1170.9	1173.0	1178.1	1180.2	1189.4	1192.5	1199.7	1199.7
5°	1096.9	1100.0	1101.0	1105.1	1109.2	1119.5	1126.7	1140.1	1155.5	1157.6	1166.8
7.5°	1040.4	1045.5	1053.7	1050.7	1057.8	1073.3	1082.5	1099.0	1114.4	1122.6	1133.9
10°	990.0	996.2	999.2	1002.3	1015.7	1029.1	1043.5	1054.8	1075.3	1087.7	1096.9
12.5°	948.9	943.7	949.9	961.2	976.6	984.9	1004.4	1021.9	1037.3	1050.7	1058.9
15°	895.4	899.5	905.7	925.2	929.3	949.9	957.1	976.6	1005.4	1017.8	1028.0
17.5°	844.0	857.4	869.7	876.9	889.2	905.7	926.3	947.8	966.4	980.7	993.1
20°	802.9	816.3	823.5	828.6	840.9	863.5	883.1	909.8	933.5	944.8	961.2
22.5°	770.0	770.0	780.3	795.7	802.9	824.5	840.9	869.7	895.4	909.8	925.2
25°	728.9	735.0	743.3	756.6	766.9	784.4	808.0	832.7	860.5	872.8	892.3
27.5°	695.0	702.1	713.5	716.5	726.8	742.2	766.9	793.6	822.4	835.8	852.2
30°	669.3	673.4	677.5	683.6	692.9	706.3	726.8	750.5	785.4	795.7	816.3
32.5°	646.6	648.7	650.7	655.9	661.0	674.4	690.8	716.5	745.3	760.7	779.2
35°	626.1	624.0	625.0	628.1	633.3	638.4	655.9	677.5	704.2	722.7	737.1
37.5°	606.5	602.4	601.4	601.4	603.5	609.6	623.0	641.5	670.3	685.7	700.1
40°	585.0	580.8	578.8	577.8	576.7	580.8	591.1	609.6	632.2	646.6	663.1
42.5°	564.4	560.3	555.1	554.1	552.1	554.1	561.3	578.8	598.3	612.7	626.1
45°	543.8	536.6	530.5	526.4	527.4	524.3	529.4	542.8	565.4	574.7	588.0
47.5°	521.2	513.0	504.8	500.7	496.5	498.6	500.7	512.0	531.5	540.7	554.1
50°	499.6	488.3	479.1	473.9	470.8	468.8	470.8	482.1	496.5	504.8	516.1
52.5°	475.0	463.6	454.4	446.2	442.1	439.0	440.0	450.3	463.6	471.9	483.2
55°	452.3	437.9	425.6	415.3	412.2	411.2	410.2	417.4	428.7	436.9	446.2
57.5°	426.6	412.2	398.9	386.5	380.4	379.3	379.3	381.4	395.8	402.0	407.1
60°	400.9	385.5	371.1	359.8	350.6	347.5	346.4	350.6	357.8	363.9	371.1
62.5°	372.1	356.7	339.3	329.0	319.7	311.5	314.6	315.6	325.9	329.0	335.1
65°	344.4	326.9	312.5	296.1	285.8	280.7	278.6	280.7	288.9	289.9	294.0
67.5°	312.5	296.1	278.6	267.3	258.0	248.8	246.7	246.7	250.8	253.9	259.1
70°	281.7	265.2	245.7	233.4	224.1	215.9	212.8	211.8	214.9	216.9	222.1
72.5°	245.7	229.3	214.9	201.5	190.2	184.0	180.9	178.9	182.0	184.0	185.0
75°	207.7	194.3	179.9	166.5	159.3	153.2	149.1	146.0	148.0	148.0	148.0
77.5°	171.7	158.3	147.0	137.8	128.5	121.3	118.2	115.1	116.2	116.2	118.2
80°	133.6	124.4	115.1	106.9	98.7	92.5	90.5	87.4	85.3	84.3	84.3
82.5°	98.7	91.5	83.3	76.1	72.0	65.8	63.7	59.6	59.6	58.6	58.6
85°	65.8	61.7	53.5	48.3	45.2	42.1	40.1	38.0	35.0	35.0	33.9
87.5°	35.0	32.9	30.8	24.7	24.7	21.6	20.6	19.5	16.4	17.5	17.5
90°	19.0	18.1	17.1	16.2	17.1	15.2	13.3	13.3	7.6	7.6	7.6
92.5°	134.9	171.1	229.0	309.8	372.5	326.0	236.6	144.5	85.5	73.2	60.8
95°	429.6	556.9	704.2	796.4	774.5	584.5	357.3	201.5	118.8	98.8	78.9
97.5°	836.3	940.8	1014.0	998.8	828.7	559.8	326.0	192.0	126.4	109.3	92.2
100°	1118.6	1165.1	1146.1	1007.4	764.1	496.1	302.2	194.8	138.8	123.6	108.3
102.5°	1281.1	1252.6	1139.5	936.1	683.3	453.3	295.6	204.3	154.9	140.6	126.4
105°	1322.9	1228.8	1064.4	846.8	623.4	432.4	299.4	220.5	174.9	161.1	147.3
107.5°	1281.1	1149.9	972.2	773.6	584.5	426.7	310.8	237.6	195.8	182.0	168.2
110°	1192.7	1054.9	890.5	721.3	566.4	428.6	324.1	257.5	215.7	202.9	190.1

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1240.8	1240.8	1240.8	1240.8
2.5°	1206.9	1217.2	1226.4	1240.8
5°	1180.2	1194.6	1214.1	1235.7
7.5°	1149.3	1172.0	1197.7	1227.5
10°	1120.6	1146.3	1179.2	1215.1
12.5°	1090.7	1121.6	1157.6	1196.6
15°	1056.8	1087.7	1127.8	1180.2
17.5°	1026.0	1063.0	1106.2	1161.7
20°	990.0	1024.9	1072.2	1136.0
22.5°	958.1	998.2	1050.7	1106.2
25°	923.2	958.1	1010.6	1077.4
27.5°	888.2	931.4	981.8	1046.5
30°	854.3	890.3	944.8	1012.6
32.5°	817.3	860.5	910.8	974.6
35°	777.2	818.3	865.6	934.5
37.5°	741.2	781.3	829.6	890.3
40°	701.1	743.3	787.5	848.1
42.5°	662.1	700.1	744.3	799.8
45°	624.0	656.9	697.0	745.3
47.5°	585.0	612.7	649.7	692.9
50°	542.8	572.6	600.4	636.4
52.5°	503.7	529.4	552.1	581.9
55°	465.7	483.2	501.7	524.3
57.5°	425.6	439.0	452.3	476.0
60°	385.5	397.8	405.0	420.5
62.5°	346.4	351.6	360.8	370.1
65°	303.3	310.5	315.6	326.9
67.5°	264.2	267.3	272.4	279.6
70°	223.1	230.3	232.3	237.5
72.5°	188.1	191.2	193.3	194.3
75°	149.1	152.1	154.2	160.4
77.5°	117.2	116.2	120.3	121.3
80°	86.4	83.3	84.3	88.4
82.5°	56.5	57.6	56.5	56.5
85°	35.0	33.9	31.9	32.9
87.5°	15.4	15.4	14.4	14.4
90°	6.7	5.7	2.9	1.0
92.5°	43.7	29.5	19.0	13.3
95°	56.1	43.7	34.2	31.4
97.5°	72.2	60.8	52.3	52.3
100°	90.3	78.9	72.2	72.2
102.5°	109.3	98.8	93.1	91.2
105°	130.2	118.8	114.0	111.2
107.5°	152.1	139.7	134.9	133.0
110°	173.0	161.6	156.8	154.9

TEST NUMBER: P1001750

CATALOG NUMBER: SA4XXDIP-B795D1035UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)