

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: P1001934

Luminaire Tested: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1001934
REPORT IS A COMBINATION OF REPORTS P996559 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A
Description: Define 4 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

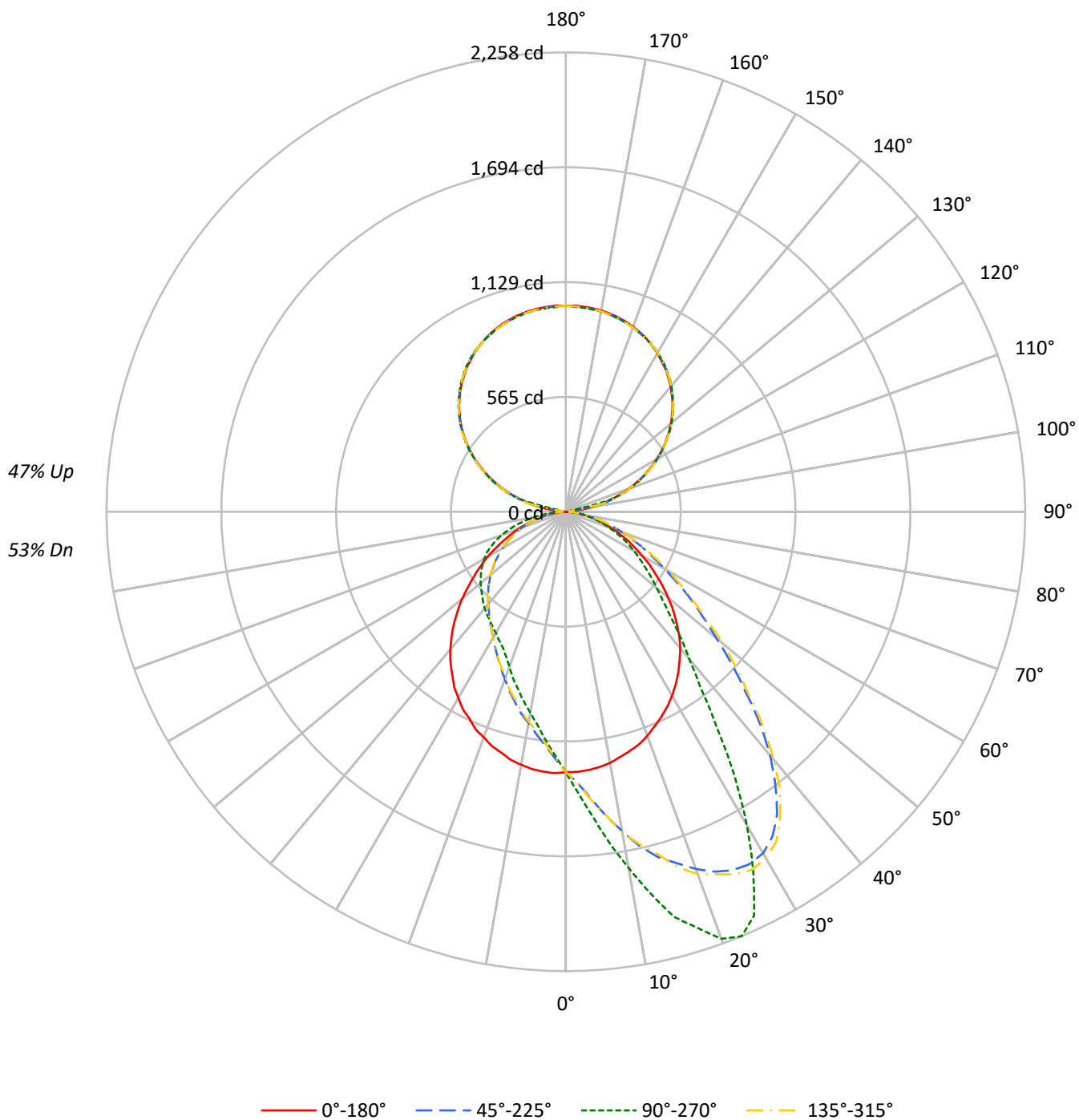
Lumens per Lamp: N/A
Luminaire Lumens: 6665.0 lumens
Efficiency: N/A
Efficacy: 116.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 57
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



TEST NUMBER: P1001934

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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	108	108	108	108	100	100	100	100	85	85	85	71	71	71	59	59	59
1	99	94	91	87	91	88	84	81	75	72	70	63	61	60	52	51	50
2	90	83	77	72	83	77	72	67	66	62	59	56	53	50	46	44	43
3	82	73	66	60	76	68	62	56	58	54	50	50	46	43	41	39	37
4	75	65	57	51	70	60	53	48	52	47	42	44	40	37	37	34	32
5	69	58	50	44	64	54	47	41	47	41	37	40	36	32	34	30	28
6	64	52	44	38	59	49	41	36	42	36	32	36	32	28	30	27	25
7	59	47	39	34	55	44	37	32	38	33	28	33	28	25	28	24	22
8	55	43	35	30	51	40	33	28	35	29	25	30	26	22	26	22	20
9	51	39	32	27	47	37	30	25	32	27	23	28	23	20	24	20	18
10	48	36	29	24	44	34	27	23	30	24	21	26	21	18	22	19	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10434	10434	10434	10434
5°	10408	11971	10469	8995
10°	10330	13966	10410	7892
15°	10207	16100	10277	7061
20°	10074	17459	10147	6331
25°	9881	17259	9975	5792
30°	9693	14265	9811	5514
35°	9428	10631	9532	5345
40°	9119	8007	9207	5264
45°	8647	6427	8755	5151
50°	8084	5415	8202	5098
55°	7422	4713	7539	5039
60°	6778	4150	6977	4955
65°	6173	3571	6232	4748
70°	5464	2938	5582	4373
75°	4766	2258	4735	3716
80°	3751	1484	3706	2821
85°	2467	667	2314	1645

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 13492 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.5	1.9
10°-20°	384.4	5.8
20°-30°	610.7	9.2
30°-40°	678.5	10.2
40°-50°	617.1	9.3
50°-60°	504.3	7.6
60°-70°	359.9	5.4
70°-80°	198.1	3.0
80°-90°	55.6	0.8
90°-100°	33.6	0.5
100°-110°	221.3	3.3
110°-120°	422.5	6.3
120°-130°	536.4	8.0
130°-140°	573.8	8.6
140°-150°	536.5	8.1
150°-160°	432.7	6.5
160°-170°	279.0	4.2
170°-180°	96.2	1.4
0°-30°	1119.6	16.8
0°-40°	1798.1	27.0
0°-60°	2919.5	43.8
0°-90°	3533.1	53.0
90°-120°	677.4	10.2
90°-150°	2324.0	34.9
90°-180°	3132.0	47.0
0°-180°	6665.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1280	1280	1280	1280	1280	
5°	1274	1501	1282	1128	1274	121
15°	1217	2062	1226	904	1217	343
25°	1111	2189	1122	735	1111	512
35°	964	1294	974	651	964	602
45°	769	726	778	582	769	593
55°	541	475	549	508	541	486
65°	337	305	340	406	337	333
75°	165	153	164	251	165	174
85°	34	32	32	78	34	39
90°	2	23	2	23	2	4
95°	42	22	42	22	42	51
105°	228	216	228	216	228	238
115°	425	428	425	428	425	419
125°	598	603	598	603	598	534
135°	742	747	742	747	742	572
145°	855	860	855	860	855	535
155°	938	937	938	937	938	432
165°	989	985	989	985	989	280
175°	1012	1006	1012	1006	1012	96
180°	1012	1012	1012	1012	1012	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1279.6	1292.3	1297.6	1301.9	1315.7	1319.9	1321.0	1327.3	1332.6	1333.7	1333.7
5°	1274.3	1294.5	1310.4	1325.2	1347.5	1357.0	1368.7	1381.4	1398.4	1409.0	1414.3
7.5°	1265.8	1295.5	1319.9	1345.3	1376.1	1395.2	1405.8	1439.7	1463.0	1482.1	1505.4
10°	1253.1	1291.3	1326.3	1363.4	1406.8	1430.2	1453.5	1494.8	1527.7	1564.8	1594.5
12.5°	1234.0	1283.9	1326.3	1378.2	1432.3	1459.8	1487.4	1559.5	1597.7	1630.5	1683.5
15°	1217.1	1266.9	1327.3	1380.3	1447.1	1488.5	1528.8	1575.4	1635.8	1706.9	1757.7
17.5°	1198.0	1260.5	1316.7	1390.9	1465.1	1504.4	1537.2	1609.3	1694.1	1764.1	1810.8
20°	1171.5	1235.1	1309.3	1387.7	1475.7	1506.5	1550.0	1646.4	1722.8	1791.7	1868.0
22.5°	1140.7	1214.9	1293.4	1368.7	1459.8	1524.5	1572.2	1657.0	1749.3	1828.8	1914.6
25°	1111.0	1191.6	1260.5	1363.4	1459.8	1503.3	1557.4	1658.1	1758.8	1855.3	1943.3
27.5°	1079.2	1154.5	1247.8	1329.4	1438.6	1486.3	1544.7	1654.9	1762.0	1858.5	1952.8
30°	1044.3	1124.8	1202.2	1298.7	1404.7	1466.2	1520.3	1640.1	1749.3	1850.0	1938.0
32.5°	1005.0	1081.4	1164.1	1255.2	1366.5	1429.1	1496.9	1619.9	1736.5	1823.5	1891.3
35°	963.7	1041.1	1113.2	1206.5	1321.0	1383.5	1449.2	1584.9	1700.5	1771.5	1810.8
37.5°	918.1	991.2	1062.3	1154.5	1269.0	1335.8	1402.6	1534.1	1643.2	1702.6	1692.0
40°	874.6	940.4	1006.1	1093.0	1212.8	1283.9	1342.2	1474.7	1570.1	1595.5	1560.6
42.5°	824.8	881.0	944.6	1033.7	1150.3	1217.1	1290.2	1411.1	1482.1	1471.5	1412.1
45°	768.6	818.4	882.1	965.8	1084.5	1153.5	1214.9	1329.4	1381.4	1354.9	1246.7
47.5°	714.5	763.3	815.3	899.0	1014.6	1072.9	1135.4	1238.3	1268.0	1211.8	1103.6
50°	656.2	696.5	750.6	830.1	938.2	999.7	1051.7	1134.4	1145.0	1076.1	963.7
52.5°	600.1	634.0	685.9	764.4	865.1	913.9	964.7	1037.9	1029.4	958.4	850.2
55°	540.7	572.5	620.2	692.3	781.3	828.0	871.5	936.1	918.1	844.9	750.6
57.5°	490.9	513.1	559.8	626.6	699.7	750.6	787.7	838.6	811.0	737.9	649.9
60°	433.6	461.2	500.4	554.5	626.6	660.5	693.3	727.3	708.2	638.2	559.8
62.5°	381.7	402.9	436.8	488.7	544.9	575.7	610.7	631.9	612.8	548.1	482.4
65°	337.1	354.1	380.6	423.0	477.1	502.5	522.7	542.8	526.9	466.5	418.8
67.5°	288.4	303.2	325.5	359.4	405.0	423.0	442.1	455.9	437.8	397.6	350.9
70°	244.9	255.5	276.7	302.1	334.0	350.9	366.8	380.6	364.7	330.8	295.8
72.5°	200.4	208.9	227.9	246.0	274.6	286.2	297.9	308.5	303.2	271.4	242.8
75°	165.4	168.6	181.3	196.1	214.2	226.9	235.4	241.7	237.5	212.0	194.0
77.5°	125.1	129.3	138.9	150.5	166.4	173.9	179.2	185.5	180.2	160.1	147.4
80°	91.2	92.2	97.5	108.1	118.7	119.8	125.1	133.6	130.4	116.6	107.1
82.5°	58.3	61.5	63.6	70.0	77.4	79.5	82.7	84.8	83.8	75.3	72.1
85°	33.9	33.9	36.0	40.3	42.4	45.6	46.6	47.7	49.8	44.5	41.3
87.5°	14.8	15.9	15.9	17.0	19.1	19.1	20.1	21.2	22.3	21.2	18.0
90°	2.3	4.1	6.0	7.8	9.7	10.6	11.3	12.6	14.0	15.3	16.7
92.5°	11.4	11.0	10.7	10.3	10.0	9.8	10.5	11.8	13.2	14.5	15.9
95°	41.6	35.9	30.2	24.5	18.8	15.9	16.0	16.2	16.3	16.5	16.7
97.5°	79.5	83.2	86.9	90.6	94.3	96.1	87.3	69.6	52.0	34.3	16.7
100°	124.2	127.2	130.2	133.3	136.3	137.8	126.2	103.0	79.7	56.5	33.3
102.5°	174.1	176.1	178.1	180.2	182.2	183.2	184.2	186.2	188.3	190.3	192.3
105°	227.9	228.9	229.9	230.9	231.9	232.4	232.8	233.7	234.5	235.4	236.2
107.5°	277.1	277.6	278.1	278.6	279.1	279.3	279.9	281.1	282.2	283.4	284.6
110°	327.0	327.5	328.0	328.5	329.0	329.3	329.8	330.8	331.8	332.8	333.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	375.5	376.5	377.5	378.5	379.5	380.0	380.2	380.5	380.8	381.2	381.5
115°	425.4	425.9	426.4	426.9	427.4	427.7	427.6	427.5	427.3	427.2	427.0
117.5°	470.1	470.8	471.4	472.1	472.8	473.1	473.4	473.9	474.4	474.9	475.4
120°	515.5	516.2	516.9	517.6	518.3	518.6	518.5	518.3	518.2	518.0	517.8
122.5°	557.9	558.2	558.6	558.9	559.2	559.4	559.6	559.9	560.3	560.6	561.0
125°	598.0	598.7	599.4	600.1	600.8	601.1	600.9	600.6	600.3	599.9	599.6
127.5°	636.7	636.9	637.0	637.2	637.3	637.4	637.8	638.7	639.5	640.4	641.2
130°	673.7	673.9	674.1	674.2	674.4	674.5	674.8	675.3	675.8	676.3	676.8
132.5°	707.8	708.1	708.5	708.8	709.1	709.3	709.6	710.3	711.0	711.7	712.4
135°	741.9	741.7	741.5	741.4	741.2	741.1	741.4	742.1	742.8	743.5	744.2
137.5°	772.2	772.2	772.2	772.2	772.2	772.2	772.6	773.4	774.3	775.1	775.9
140°	801.7	802.0	802.4	802.7	803.0	803.2	803.4	803.7	804.0	804.4	804.7
142.5°	828.2	828.9	829.5	830.2	830.9	831.2	831.3	831.5	831.6	831.8	832.0
145°	855.4	855.9	856.4	856.9	857.4	857.7	857.7	857.7	857.7	857.7	857.7
147.5°	876.6	877.6	878.6	879.7	880.7	881.2	881.1	880.9	880.8	880.6	880.4
150°	900.1	900.8	901.4	902.1	902.8	903.1	903.0	902.9	902.7	902.6	902.4
152.5°	919.8	920.3	920.8	921.3	921.8	922.1	921.9	921.6	921.2	920.9	920.5
155°	937.9	938.1	938.3	938.4	938.6	938.7	938.4	937.9	937.4	936.9	936.4
157.5°	953.8	953.8	953.8	953.8	953.8	953.8	953.5	952.8	952.1	951.5	950.8
160°	967.5	967.0	966.5	966.0	965.5	965.2	965.1	964.9	964.8	964.6	964.4
162.5°	979.6	978.9	978.3	977.6	976.9	976.6	976.5	976.3	976.2	976.0	975.8
165°	989.4	988.6	987.7	986.9	986.0	985.6	985.6	985.6	985.6	985.6	985.6
167.5°	997.8	997.0	996.1	995.3	994.4	994.0	993.9	993.7	993.6	993.4	993.2
170°	1004.6	1003.6	1002.6	1001.5	1000.5	1000.0	1000.1	1000.3	1000.4	1000.6	1000.8
172.5°	1009.1	1008.1	1007.1	1006.1	1005.1	1004.6	1004.7	1004.8	1005.0	1005.1	1005.3
175°	1012.1	1011.1	1010.1	1009.1	1008.1	1007.6	1007.7	1007.9	1008.0	1008.2	1008.4
177.5°	1014.4	1013.2	1012.0	1010.9	1009.7	1009.1	1009.3	1009.6	1009.9	1010.3	1010.6
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1336.9	1355.9	1364.4	1366.5	1378.2	1370.8	1374.0	1372.9	1381.4	1382.4	1382.4
5°	1434.4	1456.7	1464.1	1474.7	1490.6	1494.8	1491.6	1498.0	1509.7	1501.2	1513.9
7.5°	1537.2	1561.6	1578.6	1601.9	1607.2	1621.0	1629.5	1636.9	1639.0	1640.1	1642.2
10°	1632.6	1663.4	1686.7	1725.9	1734.4	1741.8	1778.9	1764.1	1783.2	1776.8	1778.9
12.5°	1710.0	1770.5	1789.6	1855.3	1861.6	1887.1	1885.0	1908.3	1912.5	1921.0	1912.5
15°	1811.8	1881.8	1912.5	1949.6	1970.8	2000.5	2005.8	2037.6	2050.3	2062.0	2050.3
17.5°	1905.1	1942.2	2020.7	2050.3	2064.1	2080.0	2120.3	2132.0	2151.1	2143.6	2164.8
20°	1951.8	2004.8	2087.5	2138.3	2159.5	2174.4	2208.3	2226.3	2233.8	2233.8	2235.9
22.5°	1993.1	2069.4	2130.9	2189.2	2208.3	2218.9	2239.1	2252.8	2256.0	2258.1	2260.3
25°	2030.2	2099.1	2148.9	2181.8	2189.2	2189.2	2200.9	2192.4	2178.6	2189.2	2195.6
27.5°	2030.2	2079.0	2101.2	2112.9	2112.9	2084.3	2067.3	2032.3	2002.6	1994.2	2013.2
30°	1996.3	2018.5	1987.8	1959.2	1936.9	1917.8	1851.0	1798.0	1787.4	1780.0	1808.6
32.5°	1917.8	1889.2	1828.8	1746.1	1713.2	1669.8	1617.8	1577.5	1553.1	1544.7	1538.3
35°	1778.9	1704.7	1626.3	1515.0	1491.6	1436.5	1365.5	1335.8	1295.5	1294.5	1308.2
37.5°	1627.3	1512.8	1428.0	1322.0	1289.2	1230.8	1164.1	1133.3	1105.7	1084.5	1110.0
40°	1450.3	1350.6	1221.3	1134.4	1087.7	1057.0	1000.8	966.9	954.1	943.5	959.4
42.5°	1284.9	1175.7	1075.0	985.9	947.8	912.8	875.7	842.8	833.3	832.2	843.9
45°	1120.6	1013.5	920.2	843.9	819.5	798.3	762.3	752.7	736.8	726.2	731.5
47.5°	989.1	878.9	801.5	743.2	722.0	703.9	680.6	664.7	650.9	646.7	653.1
50°	859.8	785.6	706.1	657.3	641.4	624.4	606.4	591.6	585.2	581.0	585.2
52.5°	755.9	676.4	622.3	583.1	567.2	554.5	541.7	535.4	526.9	529.0	533.3
55°	662.6	592.6	547.0	518.4	508.9	503.6	487.7	480.3	477.1	475.0	477.1
57.5°	574.6	523.7	489.8	465.4	452.7	449.5	436.8	436.8	433.6	430.4	431.5
60°	504.6	461.2	428.3	409.2	407.1	401.8	393.3	392.3	384.8	388.0	389.1
62.5°	433.6	398.6	376.4	364.7	357.3	355.2	349.9	348.8	345.6	346.7	344.6
65°	377.4	348.8	326.5	317.0	313.8	312.7	308.5	305.3	303.2	305.3	303.2
67.5°	321.2	302.1	285.2	275.6	271.4	270.3	267.2	265.0	266.1	262.9	265.0
70°	268.2	249.1	238.5	233.2	231.1	227.9	227.9	227.9	227.9	225.8	224.8
72.5°	225.8	206.7	199.3	196.1	194.0	192.9	189.8	190.8	189.8	188.7	192.9
75°	179.2	167.5	160.1	156.9	159.0	155.8	152.7	154.8	151.6	152.7	156.9
77.5°	135.7	130.4	126.2	124.0	121.9	119.8	119.8	117.7	117.7	117.7	117.7
80°	98.6	97.5	90.1	89.1	89.1	86.9	86.9	86.9	86.9	85.9	86.9
82.5°	65.7	64.7	62.5	61.5	59.4	60.4	60.4	58.3	58.3	57.2	58.3
85°	38.2	38.2	36.0	35.0	33.9	35.0	32.9	31.8	32.9	31.8	32.9
87.5°	18.0	15.9	17.0	15.9	13.8	14.8	12.7	13.8	12.7	11.7	13.8
90°	17.7	18.7	19.7	20.7	21.2	21.4	21.7	22.0	22.4	22.7	22.4
92.5°	16.9	17.9	18.9	19.9	20.4	20.4	20.4	20.4	20.4	20.4	20.4
95°	17.7	18.7	19.7	20.7	21.2	21.3	21.5	21.6	21.8	22.0	21.8
97.5°	17.5	18.3	19.2	20.0	20.4	20.5	20.7	20.8	21.0	21.2	21.0
100°	30.4	27.6	24.7	21.8	20.4	20.5	20.7	20.8	21.0	21.2	21.0
102.5°	154.5	116.6	78.8	40.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0
105°	237.7	239.2	240.7	242.2	243.0	240.0	233.9	227.9	221.8	215.8	221.8
107.5°	285.4	286.3	287.1	288.0	288.4	288.7	289.4	290.1	290.8	291.5	290.8
110°	334.2	334.5	334.9	335.2	335.4	335.6	336.1	336.6	337.1	337.6	337.1

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	381.3	381.2	381.0	380.9	380.8	381.1	381.8	382.5	383.1	383.8	383.1
115°	427.3	427.7	428.0	428.3	428.5	428.5	428.5	428.5	428.5	428.5	428.5
117.5°	475.2	475.1	474.9	474.8	474.7	474.7	474.7	474.7	474.7	474.7	474.7
120°	518.1	518.5	518.8	519.1	519.3	519.1	518.8	518.5	518.1	517.8	518.1
122.5°	561.2	561.3	561.5	561.6	561.7	561.5	561.2	560.9	560.5	560.2	560.5
125°	600.1	600.6	601.1	601.6	601.8	601.9	602.1	602.2	602.4	602.6	602.4
127.5°	641.0	640.8	640.7	640.5	640.4	640.3	640.2	640.0	639.9	639.7	639.9
130°	677.0	677.1	677.3	677.4	677.5	677.5	677.5	677.5	677.5	677.5	677.5
132.5°	712.6	712.7	712.9	713.0	713.1	713.0	712.9	712.7	712.6	712.4	712.6
135°	744.5	744.9	745.2	745.5	745.7	745.9	746.2	746.5	746.9	747.2	746.9
137.5°	776.3	776.6	777.0	777.3	777.5	777.4	777.2	777.1	776.9	776.7	776.9
140°	805.2	805.7	806.2	806.7	807.0	807.1	807.2	807.4	807.5	807.7	807.5
142.5°	832.3	832.7	833.0	833.3	833.5	833.5	833.5	833.5	833.5	833.5	833.5
145°	857.9	858.1	858.2	858.4	858.5	858.7	859.0	859.3	859.7	860.0	859.7
147.5°	880.6	880.8	880.9	881.1	881.2	881.3	881.4	881.6	881.7	881.9	881.7
150°	902.4	902.4	902.4	902.4	902.4	902.5	902.6	902.8	902.9	903.1	902.9
152.5°	920.9	921.2	921.6	921.9	922.1	922.0	921.8	921.7	921.5	921.3	921.5
155°	937.1	937.8	938.5	939.2	939.5	939.2	938.7	938.2	937.7	937.2	937.7
157.5°	951.6	952.5	953.3	954.2	954.6	954.2	953.3	952.5	951.6	950.8	951.6
160°	965.4	966.4	967.5	968.5	969.0	968.5	967.5	966.4	965.4	964.4	965.4
162.5°	976.8	977.8	978.8	979.8	980.3	979.7	978.5	977.4	976.2	975.0	976.2
165°	987.0	988.3	989.7	991.0	991.7	990.9	989.4	987.9	986.4	984.9	986.4
167.5°	994.7	996.2	997.7	999.2	1000.0	999.2	997.5	995.8	994.2	992.5	994.2
170°	1002.1	1003.5	1004.8	1006.1	1006.8	1006.0	1004.3	1002.6	1001.0	999.3	1001.0
172.5°	1006.7	1008.0	1009.4	1010.7	1011.4	1010.5	1008.6	1006.8	1004.9	1003.1	1004.9
175°	1009.9	1011.4	1012.9	1014.4	1015.2	1014.2	1012.2	1010.1	1008.1	1006.1	1008.1
177.5°	1012.0	1013.3	1014.7	1016.0	1016.7	1015.7	1013.7	1011.6	1009.6	1007.6	1009.6
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1380.3	1377.1	1372.9	1372.9	1367.6	1367.6	1359.1	1344.3	1331.6	1327.3	1329.4
5°	1498.0	1499.1	1492.7	1487.4	1477.9	1470.4	1456.7	1430.2	1421.7	1404.7	1393.1
7.5°	1632.6	1628.4	1616.7	1608.3	1606.1	1589.2	1559.5	1527.7	1502.2	1485.3	1460.9
10°	1784.2	1767.3	1750.3	1745.0	1732.3	1703.7	1669.8	1634.8	1599.8	1562.7	1521.3
12.5°	1911.5	1878.6	1877.5	1864.8	1840.4	1824.5	1784.2	1734.4	1674.0	1632.6	1586.0
15°	2048.2	2017.5	1992.0	1968.7	1957.1	1910.4	1876.5	1813.9	1741.8	1697.3	1665.5
17.5°	2145.8	2132.0	2088.5	2077.9	2062.0	2007.9	1953.9	1892.4	1829.8	1767.3	1681.4
20°	2224.2	2215.7	2187.1	2172.3	2146.8	2104.4	2038.7	1967.7	1895.6	1806.5	1725.9
22.5°	2258.1	2247.5	2224.2	2211.5	2195.6	2159.5	2103.4	2022.8	1928.4	1848.9	1763.0
25°	2191.4	2210.4	2204.1	2198.8	2192.4	2171.2	2128.8	2057.8	1965.5	1875.4	1768.3
27.5°	2040.8	2073.7	2105.5	2109.7	2120.3	2128.8	2111.8	2061.0	1983.6	1888.1	1770.5
30°	1838.3	1853.2	1917.8	1936.9	1951.8	2005.8	2037.6	2024.9	1965.5	1879.7	1771.5
32.5°	1578.6	1617.8	1683.5	1729.1	1769.4	1829.8	1912.5	1945.4	1924.2	1854.2	1747.1
35°	1332.6	1379.3	1455.6	1513.9	1554.2	1640.1	1737.6	1808.6	1835.1	1800.2	1704.7
37.5°	1131.2	1187.4	1255.2	1277.5	1324.1	1430.2	1564.8	1663.4	1728.1	1731.2	1657.0
40°	979.6	1008.2	1062.3	1096.2	1141.8	1230.8	1362.3	1492.7	1590.2	1623.1	1583.9
42.5°	851.3	873.6	913.9	955.2	996.6	1064.4	1185.3	1307.2	1438.6	1504.4	1503.3
45°	749.5	772.9	800.4	834.3	863.0	936.1	1031.5	1156.6	1270.1	1371.8	1397.3
47.5°	660.5	680.6	714.5	729.4	748.5	817.4	900.1	1016.7	1134.4	1251.0	1280.7
50°	594.7	611.7	635.0	644.6	665.8	716.7	784.5	878.9	1009.3	1116.3	1171.5
52.5°	535.4	548.1	566.1	573.5	588.4	626.6	688.0	762.3	870.4	980.6	1058.0
55°	484.5	493.0	505.7	514.2	524.8	558.7	604.3	671.1	764.4	859.8	935.1
57.5°	436.8	443.1	455.9	460.1	468.6	495.1	526.9	583.1	669.0	753.8	826.9
60°	392.3	396.5	403.9	413.5	419.8	437.8	467.5	514.2	583.1	660.5	719.8
62.5°	349.9	356.2	358.3	362.6	367.9	384.8	408.2	442.1	502.5	566.1	628.7
65°	306.4	311.7	315.9	317.0	322.3	335.0	356.2	385.9	425.1	480.3	538.6
67.5°	266.1	269.3	271.4	275.6	280.9	287.3	304.3	326.5	362.6	407.1	453.7
70°	229.0	229.0	232.2	233.2	239.6	247.0	254.4	275.6	307.4	343.5	375.3
72.5°	188.7	194.0	192.9	198.2	197.2	202.5	212.0	225.8	249.1	277.8	308.5
75°	153.7	156.9	156.9	156.9	159.0	163.3	168.6	181.3	199.3	222.6	240.7
77.5°	119.8	121.9	121.9	121.9	123.0	127.2	132.5	141.0	153.7	167.5	178.1
80°	85.9	88.0	88.0	90.1	90.1	91.2	96.5	100.7	107.1	117.7	128.3
82.5°	58.3	59.4	61.5	61.5	60.4	62.5	63.6	67.9	74.2	76.3	83.8
85°	31.8	32.9	33.9	33.9	35.0	37.1	36.0	40.3	40.3	44.5	46.6
87.5°	12.7	14.8	14.8	13.8	14.8	14.8	14.8	17.0	18.0	19.1	18.0
90°	22.0	21.7	21.4	21.2	20.7	19.7	18.7	17.7	16.7	15.3	14.0
92.5°	20.4	20.4	20.4	20.4	19.9	18.9	17.9	16.9	15.9	14.5	13.2
95°	21.6	21.5	21.3	21.2	20.7	19.7	18.7	17.7	16.7	16.5	16.3
97.5°	20.8	20.7	20.5	20.4	20.0	19.2	18.3	17.5	16.7	34.3	52.0
100°	20.8	20.7	20.5	20.4	21.8	24.7	27.6	30.4	33.3	56.5	79.7
102.5°	22.0	22.0	22.0	22.0	40.9	78.8	116.6	154.5	192.3	190.3	188.3
105°	227.9	233.9	240.0	243.0	242.2	240.7	239.2	237.7	236.2	235.4	234.5
107.5°	290.1	289.4	288.7	288.4	288.0	287.1	286.3	285.4	284.6	283.4	282.2
110°	336.6	336.1	335.6	335.4	335.2	334.9	334.5	334.2	333.8	332.8	331.8

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	382.5	381.8	381.1	380.8	380.9	381.0	381.2	381.3	381.5	381.2	380.8
115°	428.5	428.5	428.5	428.5	428.3	428.0	427.7	427.3	427.0	427.2	427.3
117.5°	474.7	474.7	474.7	474.7	474.8	474.9	475.1	475.2	475.4	474.9	474.4
120°	518.5	518.8	519.1	519.3	519.1	518.8	518.5	518.1	517.8	518.0	518.2
122.5°	560.9	561.2	561.5	561.7	561.6	561.5	561.3	561.2	561.0	560.6	560.3
125°	602.2	602.1	601.9	601.8	601.6	601.1	600.6	600.1	599.6	599.9	600.3
127.5°	640.0	640.2	640.3	640.4	640.5	640.7	640.8	641.0	641.2	640.4	639.5
130°	677.5	677.5	677.5	677.5	677.4	677.3	677.1	677.0	676.8	676.3	675.8
132.5°	712.7	712.9	713.0	713.1	713.0	712.9	712.7	712.6	712.4	711.7	711.0
135°	746.5	746.2	745.9	745.7	745.5	745.2	744.9	744.5	744.2	743.5	742.8
137.5°	777.1	777.2	777.4	777.5	777.3	777.0	776.6	776.3	775.9	775.1	774.3
140°	807.4	807.2	807.1	807.0	806.7	806.2	805.7	805.2	804.7	804.4	804.0
142.5°	833.5	833.5	833.5	833.5	833.3	833.0	832.7	832.3	832.0	831.8	831.6
145°	859.3	859.0	858.7	858.5	858.4	858.2	858.1	857.9	857.7	857.7	857.7
147.5°	881.6	881.4	881.3	881.2	881.1	880.9	880.8	880.6	880.4	880.6	880.8
150°	902.8	902.6	902.5	902.4	902.4	902.4	902.4	902.4	902.4	902.6	902.7
152.5°	921.7	921.8	922.0	922.1	921.9	921.6	921.2	920.9	920.5	920.9	921.2
155°	938.2	938.7	939.2	939.5	939.2	938.5	937.8	937.1	936.4	936.9	937.4
157.5°	952.5	953.3	954.2	954.6	954.2	953.3	952.5	951.6	950.8	951.5	952.1
160°	966.4	967.5	968.5	969.0	968.5	967.5	966.4	965.4	964.4	964.6	964.8
162.5°	977.4	978.5	979.7	980.3	979.8	978.8	977.8	976.8	975.8	976.0	976.2
165°	987.9	989.4	990.9	991.7	991.0	989.7	988.3	987.0	985.6	985.6	985.6
167.5°	995.8	997.5	999.2	1000.0	999.2	997.7	996.2	994.7	993.2	993.4	993.6
170°	1002.6	1004.3	1006.0	1006.8	1006.1	1004.8	1003.5	1002.1	1000.8	1000.6	1000.4
172.5°	1006.8	1008.6	1010.5	1011.4	1010.7	1009.4	1008.0	1006.7	1005.3	1005.1	1005.0
175°	1010.1	1012.2	1014.2	1015.2	1014.4	1012.9	1011.4	1009.9	1008.4	1008.2	1008.0
177.5°	1011.6	1013.7	1015.7	1016.7	1016.0	1014.7	1013.3	1012.0	1010.6	1010.3	1009.9
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1319.9	1315.7	1312.5	1312.5	1302.9	1293.4	1288.1	1286.0	1283.9	1275.4	1263.7
5°	1374.0	1360.2	1350.6	1341.1	1325.2	1308.2	1291.3	1281.7	1268.0	1248.9	1235.1
7.5°	1434.4	1401.5	1390.9	1379.3	1347.5	1318.8	1295.5	1275.4	1253.1	1228.7	1204.3
10°	1485.3	1450.3	1427.0	1406.8	1365.5	1327.3	1292.3	1262.7	1234.0	1202.2	1172.5
12.5°	1534.1	1484.2	1459.8	1430.2	1386.7	1331.6	1286.0	1248.9	1206.5	1173.6	1137.6
15°	1601.9	1518.1	1477.9	1458.8	1400.5	1335.8	1280.7	1225.5	1190.6	1140.7	1108.9
17.5°	1612.5	1544.7	1518.1	1469.4	1399.4	1326.3	1262.7	1207.5	1154.5	1110.0	1068.6
20°	1649.6	1560.6	1518.1	1487.4	1395.2	1321.0	1251.0	1180.0	1129.1	1081.4	1034.7
22.5°	1672.9	1572.2	1527.7	1478.9	1390.9	1301.9	1219.2	1157.7	1095.1	1046.4	1009.3
25°	1666.6	1565.9	1516.0	1470.4	1363.4	1274.3	1200.1	1121.6	1063.3	1010.3	961.6
27.5°	1663.4	1550.0	1496.9	1446.1	1345.3	1252.0	1158.8	1095.1	1030.5	969.0	932.9
30°	1654.9	1529.8	1468.3	1413.2	1308.2	1210.7	1131.2	1057.0	992.3	936.1	888.4
32.5°	1626.3	1495.9	1436.5	1377.1	1268.0	1170.4	1089.8	1020.9	956.3	898.0	852.4
35°	1588.1	1455.6	1390.9	1328.4	1219.2	1120.6	1046.4	974.3	913.9	857.7	814.2
37.5°	1550.0	1409.0	1348.5	1276.4	1175.7	1072.9	996.6	931.9	875.7	817.4	769.7
40°	1494.8	1353.8	1287.0	1225.5	1107.9	1011.4	941.4	883.1	828.0	772.9	732.6
42.5°	1419.6	1293.4	1224.5	1156.6	1046.4	951.0	883.1	831.2	779.2	733.6	689.1
45°	1343.2	1220.2	1158.8	1098.3	978.5	888.4	825.9	778.2	734.7	684.9	648.8
47.5°	1251.0	1147.1	1085.6	1026.2	912.8	822.7	765.4	720.9	680.6	639.3	605.4
50°	1156.6	1066.5	1010.3	948.8	840.7	759.1	702.9	665.8	632.9	593.7	566.1
52.5°	1054.9	976.4	928.7	869.3	773.9	698.6	641.4	604.3	576.7	548.1	523.7
55°	946.7	889.5	838.6	790.9	700.8	632.9	582.0	549.2	530.1	503.6	482.4
57.5°	849.2	794.1	763.3	709.2	630.8	564.0	523.7	496.2	473.9	458.0	441.0
60°	747.4	702.9	669.0	629.7	560.8	504.6	462.2	446.3	423.0	411.3	403.9
62.5°	649.9	618.1	586.3	556.6	495.1	442.1	410.3	390.1	376.4	364.7	358.3
65°	557.6	528.0	505.7	479.2	428.3	385.9	356.2	340.3	326.5	323.3	315.9
67.5°	467.5	454.8	430.4	409.2	365.8	332.9	310.6	290.5	283.1	279.9	273.5
70°	391.2	376.4	357.3	339.3	306.4	277.8	257.6	250.2	239.6	238.5	231.1
72.5°	322.3	304.3	290.5	276.7	252.3	226.9	216.3	205.7	200.4	196.1	192.9
75°	255.5	242.8	233.2	221.6	200.4	183.4	168.6	164.3	161.1	160.1	158.0
77.5°	190.8	182.3	178.1	166.4	151.6	136.8	130.4	124.0	124.0	121.9	123.0
80°	135.7	130.4	125.1	118.7	106.0	99.7	94.4	90.1	88.0	86.9	88.0
82.5°	85.9	82.7	81.6	77.4	68.9	65.7	61.5	58.3	58.3	58.3	58.3
85°	47.7	47.7	47.7	41.3	38.2	35.0	32.9	31.8	31.8	31.8	32.9
87.5°	20.1	20.1	17.0	17.0	15.9	13.8	12.7	12.7	13.8	13.8	14.8
90°	12.6	11.3	10.6	9.7	7.8	6.0	4.1	2.3	4.1	6.0	7.8
92.5°	11.8	10.5	9.8	10.0	10.3	10.7	11.0	11.4	11.0	10.7	10.3
95°	16.2	16.0	15.9	18.8	24.5	30.2	35.9	41.6	35.9	30.2	24.5
97.5°	69.6	87.3	96.1	94.3	90.6	86.9	83.2	79.5	83.2	86.9	90.6
100°	103.0	126.2	137.8	136.3	133.3	130.2	127.2	124.2	127.2	130.2	133.3
102.5°	186.2	184.2	183.2	182.2	180.2	178.1	176.1	174.1	176.1	178.1	180.2
105°	233.7	232.8	232.4	231.9	230.9	229.9	228.9	227.9	228.9	229.9	230.9
107.5°	281.1	279.9	279.3	279.1	278.6	278.1	277.6	277.1	277.6	278.1	278.6
110°	330.8	329.8	329.3	329.0	328.5	328.0	327.5	327.0	327.5	328.0	328.5

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	380.5	380.2	380.0	379.5	378.5	377.5	376.5	375.5	376.5	377.5	378.5
115°	427.5	427.6	427.7	427.4	426.9	426.4	425.9	425.4	425.9	426.4	426.9
117.5°	473.9	473.4	473.1	472.8	472.1	471.4	470.8	470.1	470.8	471.4	472.1
120°	518.3	518.5	518.6	518.3	517.6	516.9	516.2	515.5	516.2	516.9	517.6
122.5°	559.9	559.6	559.4	559.2	558.9	558.6	558.2	557.9	558.2	558.6	558.9
125°	600.6	600.9	601.1	600.8	600.1	599.4	598.7	598.0	598.7	599.4	600.1
127.5°	638.7	637.8	637.4	637.3	637.2	637.0	636.9	636.7	636.9	637.0	637.2
130°	675.3	674.8	674.5	674.4	674.2	674.1	673.9	673.7	673.9	674.1	674.2
132.5°	710.3	709.6	709.3	709.1	708.8	708.5	708.1	707.8	708.1	708.5	708.8
135°	742.1	741.4	741.1	741.2	741.4	741.5	741.7	741.9	741.7	741.5	741.4
137.5°	773.4	772.6	772.2	772.2	772.2	772.2	772.2	772.2	772.2	772.2	772.2
140°	803.7	803.4	803.2	803.0	802.7	802.4	802.0	801.7	802.0	802.4	802.7
142.5°	831.5	831.3	831.2	830.9	830.2	829.5	828.9	828.2	828.9	829.5	830.2
145°	857.7	857.7	857.7	857.4	856.9	856.4	855.9	855.4	855.9	856.4	856.9
147.5°	880.9	881.1	881.2	880.7	879.7	878.6	877.6	876.6	877.6	878.6	879.7
150°	902.9	903.0	903.1	902.8	902.1	901.4	900.8	900.1	900.8	901.4	902.1
152.5°	921.6	921.9	922.1	921.8	921.3	920.8	920.3	919.8	920.3	920.8	921.3
155°	937.9	938.4	938.7	938.6	938.4	938.3	938.1	937.9	938.1	938.3	938.4
157.5°	952.8	953.5	953.8	953.8	953.8	953.8	953.8	953.8	953.8	953.8	953.8
160°	964.9	965.1	965.2	965.5	966.0	966.5	967.0	967.5	967.0	966.5	966.0
162.5°	976.3	976.5	976.6	976.9	977.6	978.3	978.9	979.6	978.9	978.3	977.6
165°	985.6	985.6	985.6	986.0	986.9	987.7	988.6	989.4	988.6	987.7	986.9
167.5°	993.7	993.9	994.0	994.4	995.3	996.1	997.0	997.8	997.0	996.1	995.3
170°	1000.3	1000.1	1000.0	1000.5	1001.5	1002.6	1003.6	1004.6	1003.6	1002.6	1001.5
172.5°	1004.8	1004.7	1004.6	1005.1	1006.1	1007.1	1008.1	1009.1	1008.1	1007.1	1006.1
175°	1007.9	1007.7	1007.6	1008.1	1009.1	1010.1	1011.1	1012.1	1011.1	1010.1	1009.1
177.5°	1009.6	1009.3	1009.1	1009.7	1010.9	1012.0	1013.2	1014.4	1013.2	1012.0	1010.9
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1260.5	1256.3	1258.4	1247.8	1238.3	1224.5	1212.8	1210.7	1208.6	1214.9	1210.7
5°	1224.5	1219.2	1213.9	1201.2	1182.1	1170.4	1153.5	1152.4	1146.0	1136.5	1138.6
7.5°	1185.3	1182.1	1174.7	1154.5	1137.6	1117.4	1103.6	1092.0	1086.7	1078.2	1075.0
10°	1153.5	1141.8	1135.4	1113.2	1093.0	1071.8	1053.8	1045.3	1035.8	1028.4	1023.1
12.5°	1110.0	1106.8	1088.8	1070.8	1053.8	1029.4	1015.6	991.2	978.5	984.9	982.8
15°	1081.4	1066.5	1062.3	1036.8	1008.2	992.3	966.9	951.0	945.7	936.1	924.5
17.5°	1043.2	1033.7	1018.8	995.5	962.6	940.4	922.3	907.5	901.1	888.4	878.9
20°	1007.2	991.2	979.6	958.4	926.6	898.0	875.7	866.2	850.2	839.6	834.3
22.5°	974.3	962.6	945.7	913.9	886.3	858.7	832.2	818.4	803.6	797.2	788.8
25°	934.0	914.9	903.3	868.3	838.6	816.3	791.9	773.9	765.4	754.8	752.7
27.5°	894.8	876.8	863.0	832.2	796.2	767.6	752.7	740.0	725.1	725.1	719.8
30°	855.5	842.8	821.6	791.9	758.0	730.5	713.5	701.8	696.5	692.3	691.2
32.5°	816.3	799.4	786.6	746.4	720.9	695.5	682.7	673.2	666.8	665.8	666.8
35°	776.0	757.0	744.2	708.2	682.7	659.4	654.1	645.6	642.5	641.4	646.7
37.5°	733.6	718.8	702.9	673.2	644.6	630.8	620.2	617.0	616.0	622.3	624.4
40°	694.4	681.7	666.8	635.0	613.8	599.0	593.7	590.5	594.7	601.1	604.3
42.5°	657.3	639.3	627.6	599.0	579.9	571.4	565.1	565.1	569.3	576.7	582.0
45°	618.1	604.3	592.6	567.2	550.2	540.7	539.6	540.7	546.0	551.3	557.6
47.5°	579.9	566.1	553.4	532.2	517.4	512.1	511.0	512.1	520.5	528.0	535.4
50°	544.9	530.1	518.4	498.3	486.6	480.3	481.3	486.6	493.0	503.6	513.1
52.5°	503.6	493.0	482.4	464.4	453.7	449.5	452.7	456.9	468.6	476.0	487.7
55°	463.3	453.7	445.3	431.5	423.0	419.8	421.9	428.3	437.8	450.6	464.4
57.5°	426.2	415.6	407.1	397.6	388.0	389.1	390.1	398.6	410.3	421.9	437.8
60°	384.8	378.5	371.1	359.4	355.2	355.2	358.3	367.9	378.5	397.6	411.3
62.5°	347.7	339.3	334.0	326.5	320.2	321.2	328.6	337.1	349.9	365.8	383.8
65°	309.6	300.0	295.8	289.4	287.3	288.4	293.7	306.4	320.2	334.0	350.9
67.5°	267.2	264.0	259.7	253.4	255.5	256.6	261.9	272.5	287.3	301.1	320.2
70°	231.1	224.8	223.7	218.4	218.4	221.6	232.2	239.6	253.4	268.2	288.4
72.5°	192.9	187.6	187.6	183.4	186.6	189.8	195.1	205.7	218.4	233.2	250.2
75°	153.7	151.6	153.7	151.6	151.6	156.9	163.3	171.7	185.5	201.4	215.2
77.5°	118.7	118.7	117.7	120.9	120.9	124.0	132.5	141.0	151.6	164.3	179.2
80°	86.9	86.9	86.9	90.1	93.3	93.3	98.6	109.2	118.7	127.2	141.0
82.5°	59.4	59.4	59.4	61.5	65.7	65.7	72.1	78.5	89.1	96.5	102.8
85°	36.0	36.0	35.0	37.1	38.2	41.3	46.6	50.9	56.2	62.5	68.9
87.5°	15.9	15.9	17.0	18.0	19.1	21.2	23.3	25.4	30.7	32.9	36.0
90°	9.7	10.6	11.3	12.6	14.0	15.3	16.7	17.7	18.7	19.7	20.7
92.5°	10.0	9.8	10.5	11.8	13.2	14.5	15.9	16.9	17.9	18.9	19.9
95°	18.8	15.9	16.0	16.2	16.3	16.5	16.7	17.7	18.7	19.7	20.7
97.5°	94.3	96.1	87.3	69.6	52.0	34.3	16.7	17.5	18.3	19.2	20.0
100°	136.3	137.8	126.2	103.0	79.7	56.5	33.3	30.4	27.6	24.7	21.8
102.5°	182.2	183.2	184.2	186.2	188.3	190.3	192.3	154.5	116.6	78.8	40.9
105°	231.9	232.4	232.8	233.7	234.5	235.4	236.2	237.7	239.2	240.7	242.2
107.5°	279.1	279.3	279.9	281.1	282.2	283.4	284.6	285.4	286.3	287.1	288.0
110°	329.0	329.3	329.8	330.8	331.8	332.8	333.8	334.2	334.5	334.9	335.2

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	379.5	380.0	380.2	380.5	380.8	381.2	381.5	381.3	381.2	381.0	380.9
115°	427.4	427.7	427.6	427.5	427.3	427.2	427.0	427.3	427.7	428.0	428.3
117.5°	472.8	473.1	473.4	473.9	474.4	474.9	475.4	475.2	475.1	474.9	474.8
120°	518.3	518.6	518.5	518.3	518.2	518.0	517.8	518.1	518.5	518.8	519.1
122.5°	559.2	559.4	559.6	559.9	560.3	560.6	561.0	561.2	561.3	561.5	561.6
125°	600.8	601.1	600.9	600.6	600.3	599.9	599.6	600.1	600.6	601.1	601.6
127.5°	637.3	637.4	637.8	638.7	639.5	640.4	641.2	641.0	640.8	640.7	640.5
130°	674.4	674.5	674.8	675.3	675.8	676.3	676.8	677.0	677.1	677.3	677.4
132.5°	709.1	709.3	709.6	710.3	711.0	711.7	712.4	712.6	712.7	712.9	713.0
135°	741.2	741.1	741.4	742.1	742.8	743.5	744.2	744.5	744.9	745.2	745.5
137.5°	772.2	772.2	772.6	773.4	774.3	775.1	775.9	776.3	776.6	777.0	777.3
140°	803.0	803.2	803.4	803.7	804.0	804.4	804.7	805.2	805.7	806.2	806.7
142.5°	830.9	831.2	831.3	831.5	831.6	831.8	832.0	832.3	832.7	833.0	833.3
145°	857.4	857.7	857.7	857.7	857.7	857.7	857.7	857.9	858.1	858.2	858.4
147.5°	880.7	881.2	881.1	880.9	880.8	880.6	880.4	880.6	880.8	880.9	881.1
150°	902.8	903.1	903.0	902.9	902.7	902.6	902.4	902.4	902.4	902.4	902.4
152.5°	921.8	922.1	921.9	921.6	921.2	920.9	920.5	920.9	921.2	921.6	921.9
155°	938.6	938.7	938.4	937.9	937.4	936.9	936.4	937.1	937.8	938.5	939.2
157.5°	953.8	953.8	953.5	952.8	952.1	951.5	950.8	951.6	952.5	953.3	954.2
160°	965.5	965.2	965.1	964.9	964.8	964.6	964.4	965.4	966.4	967.5	968.5
162.5°	976.9	976.6	976.5	976.3	976.2	976.0	975.8	976.8	977.8	978.8	979.8
165°	986.0	985.6	985.6	985.6	985.6	985.6	985.6	987.0	988.3	989.7	991.0
167.5°	994.4	994.0	993.9	993.7	993.6	993.4	993.2	994.7	996.2	997.7	999.2
170°	1000.5	1000.0	1000.1	1000.3	1000.4	1000.6	1000.8	1002.1	1003.5	1004.8	1006.1
172.5°	1005.1	1004.6	1004.7	1004.8	1005.0	1005.1	1005.3	1006.7	1008.0	1009.4	1010.7
175°	1008.1	1007.6	1007.7	1007.9	1008.0	1008.2	1008.4	1009.9	1011.4	1012.9	1014.4
177.5°	1009.7	1009.1	1009.3	1009.6	1009.9	1010.3	1010.6	1012.0	1013.3	1014.7	1016.0
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1207.5	1206.5	1201.2	1203.3	1196.9	1199.0	1202.2	1203.3	1207.5	1204.3	1203.3
5°	1133.3	1131.2	1128.0	1124.8	1123.8	1128.0	1120.6	1122.7	1124.8	1128.0	1132.3
7.5°	1072.9	1071.8	1068.6	1063.3	1061.2	1059.1	1060.2	1067.6	1066.5	1065.5	1072.9
10°	1017.8	1018.8	1012.5	1011.4	1005.0	1004.0	1005.0	1007.2	1010.3	1014.6	1015.6
12.5°	960.5	974.3	962.6	958.4	948.8	954.1	956.3	946.7	952.0	955.2	971.1
15°	924.5	918.1	910.7	910.7	906.4	904.3	899.0	906.4	910.7	917.0	914.9
17.5°	874.6	864.0	859.8	855.5	856.6	860.8	849.2	866.2	866.2	869.3	864.0
20°	831.2	822.7	817.4	815.3	812.1	810.0	808.9	813.1	819.5	821.6	826.9
22.5°	785.6	785.6	777.1	773.9	771.8	768.6	773.9	770.7	775.0	779.2	787.7
25°	747.4	747.4	744.2	740.0	736.8	734.7	737.9	736.8	740.0	745.3	747.4
27.5°	716.7	713.5	712.4	711.4	710.3	711.4	710.3	713.5	716.7	717.7	715.6
30°	690.2	687.0	688.0	688.0	689.1	688.0	687.0	690.2	691.2	689.1	690.2
32.5°	665.8	665.8	667.9	669.0	669.0	670.0	671.1	669.0	670.0	666.8	667.9
35°	645.6	647.8	649.9	650.9	652.0	650.9	653.1	652.0	649.9	647.8	646.7
37.5°	625.5	627.6	631.9	632.9	636.1	637.2	635.0	635.0	634.0	629.7	627.6
40°	604.3	606.4	611.7	614.9	617.0	620.2	618.1	618.1	613.8	609.6	606.4
42.5°	584.1	588.4	593.7	596.9	601.1	601.1	601.1	599.0	593.7	589.4	586.3
45°	564.0	565.1	572.5	577.8	582.0	582.0	582.0	578.8	575.7	567.2	562.9
47.5°	541.7	544.9	553.4	558.7	562.9	564.0	564.0	560.8	554.5	547.0	541.7
50°	517.4	522.7	532.2	539.6	544.9	547.0	543.9	541.7	534.3	525.8	519.5
52.5°	494.0	500.4	512.1	518.4	525.8	526.9	525.8	522.7	514.2	502.5	497.2
55°	470.7	476.0	488.7	499.3	505.7	507.8	505.7	500.4	489.8	478.1	472.8
57.5°	445.3	452.7	466.5	477.1	484.5	485.6	483.4	478.1	469.7	454.8	447.4
60°	418.8	428.3	442.1	452.7	462.2	463.3	461.2	453.7	443.1	428.3	421.9
62.5°	392.3	399.7	415.6	427.2	434.7	440.0	435.7	428.3	417.7	402.9	393.3
65°	361.5	372.1	385.9	396.5	405.0	406.0	403.9	397.6	385.9	370.0	362.6
67.5°	331.8	339.3	353.0	366.8	370.0	373.2	370.0	363.6	354.1	340.3	329.7
70°	295.8	302.1	319.1	328.6	332.9	336.1	334.0	327.6	319.1	306.4	297.9
72.5°	259.7	265.0	280.9	288.4	296.8	295.8	294.7	290.5	278.8	270.3	265.0
75°	221.6	227.9	238.5	248.1	251.3	251.3	251.3	248.1	240.7	226.9	221.6
77.5°	186.6	189.8	198.2	203.6	206.7	207.8	206.7	201.4	197.2	187.6	184.5
80°	143.1	151.6	158.0	159.0	163.3	163.3	163.3	161.1	156.9	147.4	146.3
82.5°	108.1	110.3	116.6	119.8	121.9	120.9	120.9	116.6	115.6	110.3	108.1
85°	73.2	76.3	75.3	79.5	80.6	78.5	78.5	80.6	75.3	76.3	73.2
87.5°	40.3	40.3	42.4	41.3	45.6	45.6	43.5	44.5	42.4	41.3	40.3
90°	21.2	21.4	21.7	22.0	22.4	22.7	22.4	22.0	21.7	21.4	21.2
92.5°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
95°	21.2	21.3	21.5	21.6	21.8	22.0	21.8	21.6	21.5	21.3	21.2
97.5°	20.4	20.5	20.7	20.8	21.0	21.2	21.0	20.8	20.7	20.5	20.4
100°	20.4	20.5	20.7	20.8	21.0	21.2	21.0	20.8	20.7	20.5	20.4
102.5°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
105°	243.0	240.0	233.9	227.9	221.8	215.8	221.8	227.9	233.9	240.0	243.0
107.5°	288.4	288.7	289.4	290.1	290.8	291.5	290.8	290.1	289.4	288.7	288.4
110°	335.4	335.6	336.1	336.6	337.1	337.6	337.1	336.6	336.1	335.6	335.4



TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	380.8	381.1	381.8	382.5	383.1	383.8	383.1	382.5	381.8	381.1	380.8
115°	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5
117.5°	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7
120°	519.3	519.1	518.8	518.5	518.1	517.8	518.1	518.5	518.8	519.1	519.3
122.5°	561.7	561.5	561.2	560.9	560.5	560.2	560.5	560.9	561.2	561.5	561.7
125°	601.8	601.9	602.1	602.2	602.4	602.6	602.4	602.2	602.1	601.9	601.8
127.5°	640.4	640.3	640.2	640.0	639.9	639.7	639.9	640.0	640.2	640.3	640.4
130°	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5
132.5°	713.1	713.0	712.9	712.7	712.6	712.4	712.6	712.7	712.9	713.0	713.1
135°	745.7	745.9	746.2	746.5	746.9	747.2	746.9	746.5	746.2	745.9	745.7
137.5°	777.5	777.4	777.2	777.1	776.9	776.7	776.9	777.1	777.2	777.4	777.5
140°	807.0	807.1	807.2	807.4	807.5	807.7	807.5	807.4	807.2	807.1	807.0
142.5°	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5
145°	858.5	858.7	859.0	859.3	859.7	860.0	859.7	859.3	859.0	858.7	858.5
147.5°	881.2	881.3	881.4	881.6	881.7	881.9	881.7	881.6	881.4	881.3	881.2
150°	902.4	902.5	902.6	902.8	902.9	903.1	902.9	902.8	902.6	902.5	902.4
152.5°	922.1	922.0	921.8	921.7	921.5	921.3	921.5	921.7	921.8	922.0	922.1
155°	939.5	939.2	938.7	938.2	937.7	937.2	937.7	938.2	938.7	939.2	939.5
157.5°	954.6	954.2	953.3	952.5	951.6	950.8	951.6	952.5	953.3	954.2	954.6
160°	969.0	968.5	967.5	966.4	965.4	964.4	965.4	966.4	967.5	968.5	969.0
162.5°	980.3	979.7	978.5	977.4	976.2	975.0	976.2	977.4	978.5	979.7	980.3
165°	991.7	990.9	989.4	987.9	986.4	984.9	986.4	987.9	989.4	990.9	991.7
167.5°	1000.0	999.2	997.5	995.8	994.2	992.5	994.2	995.8	997.5	999.2	1000.0
170°	1006.8	1006.0	1004.3	1002.6	1001.0	999.3	1001.0	1002.6	1004.3	1006.0	1006.8
172.5°	1011.4	1010.5	1008.6	1006.8	1004.9	1003.1	1004.9	1006.8	1008.6	1010.5	1011.4
175°	1015.2	1014.2	1012.2	1010.1	1008.1	1006.1	1008.1	1010.1	1012.2	1014.2	1015.2
177.5°	1016.7	1015.7	1013.7	1011.6	1009.6	1007.6	1009.6	1011.6	1013.7	1015.7	1016.7
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
2.5°	1203.3	1209.6	1203.3	1207.5	1209.6	1214.9	1217.1	1226.6	1229.8	1237.2	1237.2
5°	1131.2	1134.4	1135.4	1139.7	1143.9	1154.5	1161.9	1175.7	1191.6	1193.7	1203.3
7.5°	1072.9	1078.2	1086.7	1083.5	1090.9	1106.8	1116.3	1133.3	1149.2	1157.7	1169.4
10°	1020.9	1027.3	1030.5	1033.7	1047.4	1061.2	1076.1	1087.7	1108.9	1121.6	1131.2
12.5°	978.5	973.2	979.6	991.2	1007.2	1015.6	1035.8	1053.8	1069.7	1083.5	1092.0
15°	923.4	927.6	934.0	954.1	958.4	979.6	987.0	1007.2	1036.8	1049.6	1060.2
17.5°	870.4	884.2	896.9	904.3	917.0	934.0	955.2	977.5	996.6	1011.4	1024.1
20°	828.0	841.8	849.2	854.5	867.2	890.5	910.7	938.2	962.6	974.3	991.2
22.5°	794.1	794.1	804.7	820.6	828.0	850.2	867.2	896.9	923.4	938.2	954.1
25°	751.7	758.0	766.5	780.3	790.9	808.9	833.3	858.7	887.4	900.1	920.2
27.5°	716.7	724.1	735.8	738.9	749.5	765.4	790.9	818.4	848.1	861.9	878.9
30°	690.2	694.4	698.6	705.0	714.5	728.3	749.5	773.9	810.0	820.6	841.8
32.5°	666.8	669.0	671.1	676.4	681.7	695.5	712.4	738.9	768.6	784.5	803.6
35°	645.6	643.5	644.6	647.8	653.1	658.4	676.4	698.6	726.2	745.3	760.1
37.5°	625.5	621.3	620.2	620.2	622.3	628.7	642.5	661.5	691.2	707.1	722.0
40°	603.2	599.0	596.9	595.8	594.7	599.0	609.6	628.7	652.0	666.8	683.8
42.5°	582.0	577.8	572.5	571.4	569.3	571.4	578.8	596.9	617.0	631.9	645.6
45°	560.8	553.4	547.0	542.8	543.9	540.7	546.0	559.8	583.1	592.6	606.4
47.5°	537.5	529.0	520.5	516.3	512.1	514.2	516.3	528.0	548.1	557.6	571.4
50°	515.2	503.6	494.0	488.7	485.6	483.4	485.6	497.2	512.1	520.5	532.2
52.5°	489.8	478.1	468.6	460.1	455.9	452.7	453.7	464.4	478.1	486.6	498.3
55°	466.5	451.6	438.9	428.3	425.1	424.1	423.0	430.4	442.1	450.6	460.1
57.5°	440.0	425.1	411.3	398.6	392.3	391.2	391.2	393.3	408.2	414.5	419.8
60°	413.5	397.6	382.7	371.1	361.5	358.3	357.3	361.5	368.9	375.3	382.7
62.5°	383.8	367.9	349.9	339.3	329.7	321.2	324.4	325.5	336.1	339.3	345.6
65°	355.2	337.1	322.3	305.3	294.7	289.4	287.3	289.4	297.9	299.0	303.2
67.5°	322.3	305.3	287.3	275.6	266.1	256.6	254.4	254.4	258.7	261.9	267.2
70°	290.5	273.5	253.4	240.7	231.1	222.6	219.5	218.4	221.6	223.7	229.0
72.5°	253.4	236.4	221.6	207.8	196.1	189.8	186.6	184.5	187.6	189.8	190.8
75°	214.2	200.4	185.5	171.7	164.3	158.0	153.7	150.5	152.7	152.7	152.7
77.5°	177.0	163.3	151.6	142.1	132.5	125.1	121.9	118.7	119.8	119.8	121.9
80°	137.8	128.3	118.7	110.3	101.8	95.4	93.3	90.1	88.0	86.9	86.9
82.5°	101.8	94.4	85.9	78.5	74.2	67.9	65.7	61.5	61.5	60.4	60.4
85°	67.9	63.6	55.1	49.8	46.6	43.5	41.3	39.2	36.0	36.0	35.0
87.5°	36.0	33.9	31.8	25.4	25.4	22.3	21.2	20.1	17.0	18.0	18.0
90°	20.7	19.7	18.7	17.7	16.7	15.3	14.0	12.6	11.3	10.6	9.7
92.5°	19.9	18.9	17.9	16.9	15.9	14.5	13.2	11.8	10.5	9.8	10.0
95°	20.7	19.7	18.7	17.7	16.7	16.5	16.3	16.2	16.0	15.9	18.8
97.5°	20.0	19.2	18.3	17.5	16.7	34.3	52.0	69.6	87.3	96.1	94.3
100°	21.8	24.7	27.6	30.4	33.3	56.5	79.7	103.0	126.2	137.8	136.3
102.5°	40.9	78.8	116.6	154.5	192.3	190.3	188.3	186.2	184.2	183.2	182.2
105°	242.2	240.7	239.2	237.7	236.2	235.4	234.5	233.7	232.8	232.4	231.9
107.5°	288.0	287.1	286.3	285.4	284.6	283.4	282.2	281.1	279.9	279.3	279.1
110°	335.2	334.9	334.5	334.2	333.8	332.8	331.8	330.8	329.8	329.3	329.0

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	380.9	381.0	381.2	381.3	381.5	381.2	380.8	380.5	380.2	380.0	379.5
115°	428.3	428.0	427.7	427.3	427.0	427.2	427.3	427.5	427.6	427.7	427.4
117.5°	474.8	474.9	475.1	475.2	475.4	474.9	474.4	473.9	473.4	473.1	472.8
120°	519.1	518.8	518.5	518.1	517.8	518.0	518.2	518.3	518.5	518.6	518.3
122.5°	561.6	561.5	561.3	561.2	561.0	560.6	560.3	559.9	559.6	559.4	559.2
125°	601.6	601.1	600.6	600.1	599.6	599.9	600.3	600.6	600.9	601.1	600.8
127.5°	640.5	640.7	640.8	641.0	641.2	640.4	639.5	638.7	637.8	637.4	637.3
130°	677.4	677.3	677.1	677.0	676.8	676.3	675.8	675.3	674.8	674.5	674.4
132.5°	713.0	712.9	712.7	712.6	712.4	711.7	711.0	710.3	709.6	709.3	709.1
135°	745.5	745.2	744.9	744.5	744.2	743.5	742.8	742.1	741.4	741.1	741.2
137.5°	777.3	777.0	776.6	776.3	775.9	775.1	774.3	773.4	772.6	772.2	772.2
140°	806.7	806.2	805.7	805.2	804.7	804.4	804.0	803.7	803.4	803.2	803.0
142.5°	833.3	833.0	832.7	832.3	832.0	831.8	831.6	831.5	831.3	831.2	830.9
145°	858.4	858.2	858.1	857.9	857.7	857.7	857.7	857.7	857.7	857.7	857.4
147.5°	881.1	880.9	880.8	880.6	880.4	880.6	880.8	880.9	881.1	881.2	880.7
150°	902.4	902.4	902.4	902.4	902.4	902.6	902.7	902.9	903.0	903.1	902.8
152.5°	921.9	921.6	921.2	920.9	920.5	920.9	921.2	921.6	921.9	922.1	921.8
155°	939.2	938.5	937.8	937.1	936.4	936.9	937.4	937.9	938.4	938.7	938.6
157.5°	954.2	953.3	952.5	951.6	950.8	951.5	952.1	952.8	953.5	953.8	953.8
160°	968.5	967.5	966.4	965.4	964.4	964.6	964.8	964.9	965.1	965.2	965.5
162.5°	979.8	978.8	977.8	976.8	975.8	976.0	976.2	976.3	976.5	976.6	976.9
165°	991.0	989.7	988.3	987.0	985.6	985.6	985.6	985.6	985.6	985.6	986.0
167.5°	999.2	997.7	996.2	994.7	993.2	993.4	993.6	993.7	993.9	994.0	994.4
170°	1006.1	1004.8	1003.5	1002.1	1000.8	1000.6	1000.4	1000.3	1000.1	1000.0	1000.5
172.5°	1010.7	1009.4	1008.0	1006.7	1005.3	1005.1	1005.0	1004.8	1004.7	1004.6	1005.1
175°	1014.4	1012.9	1011.4	1009.9	1008.4	1008.2	1008.0	1007.9	1007.7	1007.6	1008.1
177.5°	1016.0	1014.7	1013.3	1012.0	1010.6	1010.3	1009.9	1009.6	1009.3	1009.1	1009.7
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1279.6	1279.6	1279.6	1279.6
2.5°	1244.6	1255.2	1264.8	1279.6
5°	1217.1	1231.9	1252.0	1274.3
7.5°	1185.3	1208.6	1235.1	1265.8
10°	1155.6	1182.1	1216.0	1253.1
12.5°	1124.8	1156.6	1193.7	1234.0
15°	1089.8	1121.6	1163.0	1217.1
17.5°	1058.0	1096.2	1140.7	1198.0
20°	1020.9	1057.0	1105.7	1171.5
22.5°	988.1	1029.4	1083.5	1140.7
25°	952.0	988.1	1042.1	1111.0
27.5°	916.0	960.5	1012.5	1079.2
30°	881.0	918.1	974.3	1044.3
32.5°	842.8	887.4	939.3	1005.0
35°	801.5	843.9	892.7	963.7
37.5°	764.4	805.7	855.5	918.1
40°	723.0	766.5	812.1	874.6
42.5°	682.7	722.0	767.6	824.8
45°	643.5	677.4	718.8	768.6
47.5°	603.2	631.9	670.0	714.5
50°	559.8	590.5	619.1	656.2
52.5°	519.5	546.0	569.3	600.1
55°	480.3	498.3	517.4	540.7
57.5°	438.9	452.7	466.5	490.9
60°	397.6	410.3	417.7	433.6
62.5°	357.3	362.6	372.1	381.7
65°	312.7	320.2	325.5	337.1
67.5°	272.5	275.6	280.9	288.4
70°	230.1	237.5	239.6	244.9
72.5°	194.0	197.2	199.3	200.4
75°	153.7	156.9	159.0	165.4
77.5°	120.9	119.8	124.0	125.1
80°	89.1	85.9	86.9	91.2
82.5°	58.3	59.4	58.3	58.3
85°	36.0	35.0	32.9	33.9
87.5°	15.9	15.9	14.8	14.8
90°	7.8	6.0	4.1	2.3
92.5°	10.3	10.7	11.0	11.4
95°	24.5	30.2	35.9	41.6
97.5°	90.6	86.9	83.2	79.5
100°	133.3	130.2	127.2	124.2
102.5°	180.2	178.1	176.1	174.1
105°	230.9	229.9	228.9	227.9
107.5°	278.6	278.1	277.6	277.1
110°	328.5	328.0	327.5	327.0

TEST NUMBER: P1001934

CATALOG NUMBER: SA4XXDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	378.5	377.5	376.5	375.5
115°	426.9	426.4	425.9	425.4
117.5°	472.1	471.4	470.8	470.1
120°	517.6	516.9	516.2	515.5
122.5°	558.9	558.6	558.2	557.9
125°	600.1	599.4	598.7	598.0
127.5°	637.2	637.0	636.9	636.7
130°	674.2	674.1	673.9	673.7
132.5°	708.8	708.5	708.1	707.8
135°	741.4	741.5	741.7	741.9
137.5°	772.2	772.2	772.2	772.2
140°	802.7	802.4	802.0	801.7
142.5°	830.2	829.5	828.9	828.2
145°	856.9	856.4	855.9	855.4
147.5°	879.7	878.6	877.6	876.6
150°	902.1	901.4	900.8	900.1
152.5°	921.3	920.8	920.3	919.8
155°	938.4	938.3	938.1	937.9
157.5°	953.8	953.8	953.8	953.8
160°	966.0	966.5	967.0	967.5
162.5°	977.6	978.3	978.9	979.6
165°	986.9	987.7	988.6	989.4
167.5°	995.3	996.1	997.0	997.8
170°	1001.5	1002.6	1003.6	1004.6
172.5°	1006.1	1007.1	1008.1	1009.1
175°	1009.1	1010.1	1011.1	1012.1
177.5°	1010.9	1012.0	1013.2	1014.4
180°	1012.1	1012.1	1012.1	1012.1

(END OF REPORT)