

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: P1001741

Luminaire Tested: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1001741
REPORT IS A COMBINATION OF REPORTS P996363 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4
Description: Define 4 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

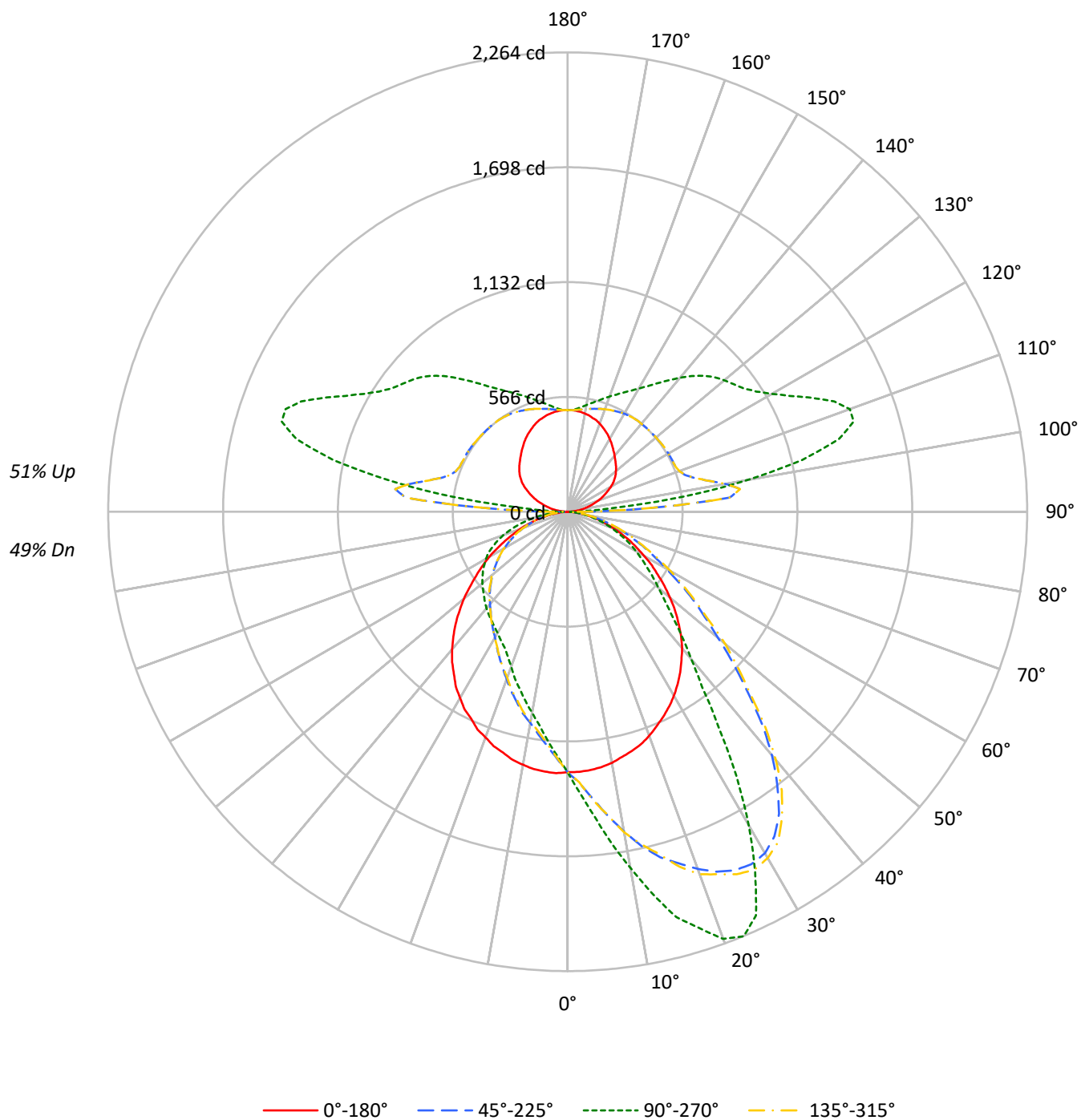
Lumens per Lamp: N/A
Luminaire Lumens: 7186.0 lumens
Efficiency: N/A
Efficacy: 111.6 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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°	10464	10464	10464	10464
5°	10438	12004	10499	9020
10°	10360	14006	10438	7914
15°	10235	16146	10306	7081
20°	10103	17508	10176	6349
25°	9909	17307	10004	5809
30°	9720	14305	9839	5530
35°	9455	10660	9558	5361
40°	9145	8030	9233	5278
45°	8672	6446	8780	5166
50°	8107	5430	8225	5113
55°	7443	4726	7559	5054
60°	6797	4162	6997	4969
65°	6192	3581	6250	4762
70°	5479	2947	5598	4384
75°	4781	2264	4749	3726
80°	3759	1487	3718	2828
85°	2474	669	2321	1650

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 13530 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.9	1.7
10°-20°	385.5	5.4
20°-30°	612.4	8.5
30°-40°	680.5	9.5
40°-50°	618.8	8.6
50°-60°	505.7	7.0
60°-70°	361.0	5.0
70°-80°	198.6	2.8
80°-90°	55.6	0.8
90°-100°	362.5	5.0
100°-110°	756.8	10.5
110°-120°	672.8	9.4
120°-130°	566.3	7.9
130°-140°	472.5	6.6
140°-150°	360.7	5.0
150°-160°	253.6	3.5
160°-170°	149.2	2.1
170°-180°	48.5	0.7
0°-30°	1122.8	15.6
0°-40°	1803.2	25.1
0°-60°	2927.7	40.7
0°-90°	3543.0	49.3
90°-120°	1792.2	24.9
90°-150°	3191.7	44.4
90°-180°	3643.0	50.7
0°-180°	7186.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1283	1283	1283	1283	1283	
5°	1278	1505	1285	1131	1278	121
15°	1220	2068	1229	907	1220	344
25°	1114	2195	1125	737	1114	513
35°	966	1298	977	653	966	604
45°	771	728	780	584	771	594
55°	542	476	551	509	542	488
65°	338	306	341	407	338	334
75°	166	153	165	252	166	174
85°	34	32	32	79	34	40
90°	1	21	1	21	1	4
95°	32	240	32	240	32	36
105°	115	1383	115	1383	115	122
115°	202	1328	202	1328	202	201
125°	282	1059	282	1059	282	251
135°	335	947	335	947	335	259
145°	386	773	386	773	386	242
155°	439	648	439	648	439	203
165°	479	565	479	565	479	135
175°	499	509	499	509	499	47
180°	500	500	500	500	500	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2
2.5°	1283.2	1296.0	1301.3	1305.6	1319.4	1323.6	1324.7	1331.1	1336.4	1337.5	1337.5
5°	1277.9	1298.1	1314.1	1329.0	1351.3	1360.8	1372.5	1385.3	1402.3	1412.9	1418.3
7.5°	1269.4	1299.2	1323.6	1349.2	1380.0	1399.1	1409.8	1443.8	1467.2	1486.3	1509.7
10°	1256.7	1294.9	1330.0	1367.2	1410.8	1434.2	1457.6	1499.1	1532.0	1569.2	1599.0
12.5°	1237.5	1287.5	1330.0	1382.1	1436.3	1464.0	1491.6	1563.9	1602.2	1635.1	1688.3
15°	1220.5	1270.5	1331.1	1384.2	1451.2	1492.7	1533.1	1579.9	1640.5	1711.7	1762.7
17.5°	1201.4	1264.1	1320.4	1394.9	1469.3	1508.6	1541.6	1613.9	1698.9	1769.1	1815.9
20°	1174.8	1238.6	1313.0	1391.7	1479.9	1510.8	1554.3	1651.1	1727.6	1796.7	1873.3
22.5°	1144.0	1218.4	1297.1	1372.5	1464.0	1528.8	1576.7	1661.7	1754.2	1834.0	1920.1
25°	1114.2	1195.0	1264.1	1367.2	1464.0	1507.6	1561.8	1662.8	1763.8	1860.5	1948.8
27.5°	1082.3	1157.8	1251.3	1333.2	1442.7	1490.6	1549.0	1659.6	1767.0	1863.7	1958.3
30°	1047.2	1128.0	1205.6	1302.4	1408.7	1470.4	1524.6	1644.7	1754.2	1855.2	1943.5
32.5°	1007.9	1084.4	1167.4	1258.8	1370.4	1433.1	1501.2	1624.5	1741.5	1828.6	1896.7
35°	966.4	1044.0	1116.3	1209.9	1324.7	1387.4	1453.3	1589.4	1705.3	1776.5	1815.9
37.5°	920.7	994.1	1065.3	1157.8	1272.6	1339.6	1406.6	1538.4	1647.9	1707.4	1696.8
40°	877.1	943.0	1008.9	1096.1	1216.3	1287.5	1346.0	1478.9	1574.5	1600.1	1565.0
42.5°	827.1	883.5	947.3	1036.6	1153.5	1220.5	1293.9	1415.1	1486.3	1475.7	1416.1
45°	770.8	820.8	884.6	968.5	1087.6	1156.7	1218.4	1333.2	1385.3	1358.7	1250.3
47.5°	716.6	765.5	817.6	901.6	1017.4	1075.9	1138.6	1241.8	1271.5	1215.2	1106.8
50°	658.1	698.5	752.7	832.5	940.9	1002.6	1054.7	1137.6	1148.2	1079.1	966.4
52.5°	601.7	635.8	687.9	766.5	867.5	916.4	967.5	1040.8	1032.3	961.1	852.7
55°	542.2	574.1	621.9	694.2	783.6	830.3	873.9	938.8	920.7	847.3	752.7
57.5°	492.2	514.6	561.3	628.3	701.7	752.7	789.9	841.0	813.3	740.0	651.7
60°	434.8	462.5	501.8	556.0	628.3	662.4	695.3	729.3	710.2	640.0	561.3
62.5°	382.7	404.0	438.0	490.1	546.5	577.3	612.4	633.6	614.5	549.7	483.7
65°	338.1	355.1	381.7	424.2	478.4	503.9	524.1	544.3	528.4	467.8	419.9
67.5°	289.2	304.1	326.4	360.4	406.1	424.2	443.3	457.2	439.1	398.7	351.9
70°	245.6	256.2	277.5	303.0	334.9	351.9	367.9	381.7	365.7	331.7	296.6
72.5°	200.9	209.4	228.6	246.7	275.4	287.1	298.7	309.4	304.1	272.2	243.5
75°	165.9	169.0	181.8	196.7	214.8	227.5	236.0	242.4	238.1	212.6	194.6
77.5°	125.5	129.7	139.3	151.0	166.9	174.4	179.7	186.1	180.7	160.5	147.8
80°	91.4	92.5	97.8	108.4	119.1	120.1	125.5	134.0	130.8	116.9	107.4
82.5°	58.5	61.7	63.8	70.2	77.6	79.7	82.9	85.1	84.0	75.5	72.3
85°	34.0	34.0	36.1	40.4	42.5	45.7	46.8	47.8	50.0	44.7	41.5
87.5°	14.9	15.9	15.9	17.0	19.1	19.1	20.2	21.3	22.3	21.3	18.1
90°	1.0	2.9	5.9	6.9	7.9	7.9	7.9	13.8	13.8	15.7	17.7
92.5°	13.8	19.7	30.5	45.2	62.9	75.6	88.4	149.4	244.7	337.1	385.2
95°	32.4	35.4	45.2	58.0	81.6	102.2	122.8	208.3	369.5	604.4	800.9
97.5°	54.0	54.0	62.9	74.7	95.3	113.0	130.7	198.5	337.1	578.8	856.9
100°	74.7	74.7	81.6	93.4	112.0	127.8	143.5	201.5	312.5	513.0	790.1
102.5°	94.3	96.3	102.2	113.0	130.7	145.4	160.2	211.3	305.6	468.7	706.6
105°	115.0	117.9	122.8	134.6	152.3	166.6	180.8	228.0	309.5	447.1	644.6
107.5°	137.6	139.5	144.5	157.2	173.9	188.2	202.4	245.7	321.3	441.2	604.4
110°	160.2	162.1	167.1	178.9	196.5	209.8	223.1	266.3	335.1	443.2	585.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	181.8	183.8	189.7	200.5	218.2	231.4	244.7	286.0	349.8	449.1	576.8
115°	202.4	205.4	212.3	222.1	240.8	254.0	267.3	306.6	365.6	457.0	574.9
117.5°	224.1	227.0	232.9	243.7	261.4	275.2	288.9	326.3	381.3	464.8	573.9
120°	245.7	247.6	254.5	265.3	282.0	295.8	309.5	346.9	398.0	473.7	573.9
122.5°	265.3	267.3	274.2	284.0	302.7	316.0	329.2	366.5	413.7	482.5	572.9
125°	282.0	286.0	291.9	302.7	321.3	335.1	348.9	384.2	429.4	491.3	571.9
127.5°	297.8	300.7	307.6	319.4	339.0	352.8	366.5	400.9	443.2	498.2	570.0
130°	310.5	314.5	322.3	337.1	355.7	370.0	384.2	417.6	456.0	506.1	569.0
132.5°	323.3	326.3	337.1	350.8	371.5	384.8	398.0	431.4	468.7	513.0	568.0
135°	335.1	339.0	348.9	365.6	386.2	399.0	411.8	444.2	479.6	519.8	567.0
137.5°	346.9	350.8	361.6	377.4	399.0	411.2	423.5	454.0	487.4	523.8	567.0
140°	359.7	362.6	373.4	390.1	410.8	422.6	434.4	463.8	495.3	528.7	566.0
142.5°	373.4	376.4	386.2	401.9	421.6	432.9	444.2	472.7	501.2	532.6	566.0
145°	386.2	389.1	399.0	412.7	431.4	442.2	453.0	478.6	505.1	533.6	564.1
147.5°	400.9	401.9	410.8	425.5	441.2	451.0	460.9	485.5	509.0	534.6	561.1
150°	414.7	415.7	423.5	435.3	450.1	459.4	468.7	490.4	512.0	534.6	558.2
152.5°	427.5	427.5	435.3	446.1	458.9	467.2	475.6	494.3	514.0	532.6	553.3
155°	439.3	440.2	446.1	456.0	466.8	474.2	481.5	498.2	514.9	530.7	548.3
157.5°	451.1	451.1	457.0	464.8	474.6	480.5	486.4	501.2	514.9	528.7	543.4
160°	461.9	461.9	465.8	472.7	480.5	485.9	491.3	503.1	514.9	525.7	537.5
162.5°	471.7	470.7	473.7	479.6	486.4	490.4	494.3	505.1	514.9	522.8	531.6
165°	478.6	478.6	480.5	485.5	490.4	493.4	496.3	505.1	513.0	518.9	525.7
167.5°	486.4	485.5	486.4	490.4	493.3	495.8	498.2	505.1	511.0	514.9	519.8
170°	491.3	490.4	491.3	494.3	496.3	497.8	499.2	504.1	509.0	511.0	514.0
172.5°	496.3	495.3	495.3	497.2	498.2	499.2	500.2	503.1	507.1	507.1	508.1
175°	499.2	498.2	498.2	499.2	500.2	500.2	500.2	502.2	505.1	504.1	504.1
177.5°	501.2	500.2	499.2	500.2	500.2	500.2	500.2	501.2	503.1	501.2	501.2
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2
2.5°	1340.6	1359.8	1368.3	1370.4	1382.1	1374.7	1377.9	1376.8	1385.3	1386.4	1386.4
5°	1438.5	1460.8	1468.2	1478.9	1494.8	1499.1	1495.9	1502.2	1513.9	1505.4	1518.2
7.5°	1541.6	1566.0	1583.0	1606.4	1611.8	1625.6	1634.1	1641.5	1643.6	1644.7	1646.8
10°	1637.3	1668.1	1691.5	1730.8	1739.3	1746.8	1784.0	1769.1	1788.2	1781.9	1784.0
12.5°	1714.9	1775.5	1794.6	1860.5	1866.9	1892.4	1890.3	1913.7	1917.9	1926.5	1917.9
15°	1816.9	1887.1	1917.9	1955.2	1976.4	2006.2	2011.5	2043.4	2056.2	2067.9	2056.2
17.5°	1910.5	1947.7	2026.4	2056.2	2070.0	2085.9	2126.3	2138.0	2157.2	2149.7	2171.0
20°	1957.3	2010.4	2093.4	2144.4	2165.7	2180.5	2214.6	2232.6	2240.1	2240.1	2242.2
22.5°	1998.7	2075.3	2137.0	2195.4	2214.6	2225.2	2245.4	2259.2	2262.4	2264.5	2266.7
25°	2036.0	2105.1	2155.0	2188.0	2195.4	2195.4	2207.1	2198.6	2184.8	2195.4	2201.8
27.5°	2036.0	2084.9	2107.2	2118.9	2118.9	2090.2	2073.2	2038.1	2008.3	1999.8	2018.9
30°	2001.9	2024.3	1993.4	1964.7	1942.4	1923.3	1856.3	1803.1	1792.5	1785.0	1813.8
32.5°	1923.3	1894.6	1834.0	1751.0	1718.1	1674.5	1622.4	1582.0	1557.5	1549.0	1542.6
35°	1784.0	1709.6	1630.9	1519.3	1495.9	1440.6	1369.4	1339.6	1299.2	1298.1	1311.9
37.5°	1632.0	1517.1	1432.1	1325.8	1292.8	1234.3	1167.4	1136.5	1108.9	1087.6	1113.1
40°	1454.4	1354.5	1224.8	1137.6	1090.8	1060.0	1003.6	969.6	956.8	946.2	962.2
42.5°	1288.6	1179.0	1078.0	988.7	950.5	915.4	878.2	845.2	835.6	834.6	846.3
45°	1123.8	1016.4	922.8	846.3	821.8	800.6	764.4	754.8	738.9	728.3	733.6
47.5°	991.9	881.4	803.8	745.3	724.0	705.9	682.6	666.6	652.8	648.5	654.9
50°	862.2	787.8	708.1	659.2	643.2	626.2	608.1	593.2	586.9	582.6	586.9
52.5°	758.0	678.3	624.1	584.7	568.8	556.0	543.3	536.9	528.4	530.5	534.8
55°	664.5	594.3	548.6	519.9	510.3	505.0	489.1	481.6	478.4	476.3	478.4
57.5°	576.2	525.2	491.2	466.7	454.0	450.8	438.0	438.0	434.8	431.6	432.7
60°	506.1	462.5	429.5	410.4	408.3	402.9	394.4	393.4	385.9	389.1	390.2
62.5°	434.8	399.7	377.4	365.7	358.3	356.2	350.8	349.8	346.6	347.7	345.5
65°	378.5	349.8	327.5	317.9	314.7	313.6	309.4	306.2	304.1	306.2	304.1
67.5°	322.1	303.0	286.0	276.4	272.2	271.1	267.9	265.8	266.9	263.7	265.8
70°	269.0	249.8	239.2	233.9	231.8	228.6	228.6	228.6	228.6	226.5	225.4
72.5°	226.5	207.3	199.9	196.7	194.6	193.5	190.3	191.4	190.3	189.2	193.5
75°	179.7	168.0	160.5	157.3	159.5	156.3	153.1	155.2	152.0	153.1	157.3
77.5°	136.1	130.8	126.5	124.4	122.3	120.1	120.1	118.0	118.0	118.0	118.0
80°	98.9	97.8	90.4	89.3	89.3	87.2	87.2	87.2	87.2	86.1	87.2
82.5°	65.9	64.9	62.7	61.7	59.5	60.6	60.6	58.5	58.5	57.4	58.5
85°	38.3	38.3	36.1	35.1	34.0	35.1	33.0	31.9	33.0	31.9	33.0
87.5°	18.1	15.9	17.0	15.9	13.8	14.9	12.8	13.8	12.8	11.7	13.8
90°	16.7	17.7	18.7	19.7	19.7	19.7	20.6	21.6	20.6	20.6	20.6
92.5°	320.4	236.8	176.9	139.5	127.2	115.0	100.2	93.4	89.4	89.4	89.4
95°	823.5	728.2	575.9	444.2	396.5	348.9	300.7	270.2	252.6	239.8	252.6
97.5°	1032.8	1048.5	972.9	864.8	809.8	754.7	687.9	628.9	599.4	575.9	599.4
100°	1041.7	1185.1	1204.8	1156.6	1120.2	1083.9	998.4	938.5	909.0	901.1	909.0
102.5°	968.0	1178.3	1295.2	1324.7	1314.8	1305.0	1260.8	1221.5	1190.0	1184.2	1190.0
105°	875.6	1100.6	1270.6	1367.9	1388.1	1408.2	1410.2	1402.3	1388.6	1382.7	1388.6
107.5°	799.9	1005.3	1189.1	1324.7	1366.0	1407.2	1450.5	1468.1	1476.0	1477.0	1476.0
110°	745.9	920.8	1090.8	1233.3	1287.4	1341.4	1411.2	1452.4	1470.1	1479.0	1470.1

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	715.4	858.9	1004.3	1137.0	1191.0	1245.1	1326.6	1378.7	1405.3	1421.0	1405.3
115°	698.7	821.5	942.4	1057.4	1104.6	1151.7	1229.4	1288.3	1319.8	1327.6	1319.8
117.5°	689.9	799.9	902.1	995.5	1036.8	1078.0	1146.8	1197.9	1231.3	1236.2	1231.3
120°	683.0	786.2	877.5	956.2	991.0	1025.9	1081.9	1125.2	1150.7	1161.5	1150.7
122.5°	675.1	774.4	861.8	931.6	961.1	990.6	1035.8	1071.1	1091.8	1102.6	1091.8
125°	666.3	760.6	845.1	912.9	940.0	967.0	1006.3	1034.8	1053.5	1059.3	1053.5
127.5°	654.5	744.9	826.4	894.3	919.8	945.4	984.7	1010.2	1025.9	1031.8	1025.9
130°	643.7	725.2	802.9	869.7	895.8	921.8	962.1	986.6	1002.4	1008.2	1002.4
132.5°	633.8	704.6	776.3	841.2	867.2	893.3	932.6	961.1	975.8	981.7	975.8
135°	624.0	685.9	749.8	809.7	834.3	858.9	898.2	925.7	941.4	947.3	941.4
137.5°	615.2	668.2	724.2	776.3	798.9	821.5	858.9	887.4	900.2	907.0	900.2
140°	608.3	653.5	699.7	743.9	764.6	785.2	819.6	841.2	854.9	862.8	854.9
142.5°	602.4	639.7	679.0	715.4	732.6	749.8	779.3	798.9	810.7	815.6	810.7
145°	595.5	627.0	660.4	689.9	703.6	717.4	741.9	758.6	768.5	773.4	768.5
147.5°	589.6	616.2	643.7	668.2	679.5	690.8	709.5	724.2	732.1	734.1	732.1
150°	582.7	606.3	628.9	648.6	657.4	666.3	682.0	694.8	700.7	701.6	700.7
152.5°	574.9	595.5	614.2	631.9	638.8	645.6	658.4	668.2	671.2	672.2	671.2
155°	567.0	584.7	600.4	615.2	621.1	627.0	636.8	644.6	647.6	647.6	647.6
157.5°	559.2	572.9	586.7	599.4	604.3	609.3	617.1	623.0	625.0	625.0	625.0
160°	550.3	562.1	572.9	583.7	587.7	591.6	597.5	603.4	604.4	604.4	604.4
162.5°	542.4	551.3	560.1	568.0	571.4	574.9	578.8	584.7	585.7	584.7	585.7
165°	533.6	541.5	547.4	554.2	556.7	559.2	563.1	567.0	566.0	565.1	566.0
167.5°	525.7	531.6	536.6	542.4	543.9	545.4	547.4	550.3	550.3	549.3	550.3
170°	517.9	522.8	525.7	529.7	531.2	532.6	534.6	535.6	534.6	534.6	534.6
172.5°	511.0	514.9	516.9	518.9	519.8	520.8	521.8	522.8	521.8	519.8	521.8
175°	506.1	508.1	509.0	511.0	511.0	511.0	511.0	513.0	511.0	509.0	511.0
177.5°	502.2	503.1	504.1	504.1	504.6	505.1	504.1	505.1	503.1	501.2	503.1
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2
2.5°	1384.2	1381.0	1376.8	1376.8	1371.5	1371.5	1363.0	1348.1	1335.3	1331.1	1333.2
5°	1502.2	1503.3	1496.9	1491.6	1482.0	1474.6	1460.8	1434.2	1425.7	1408.7	1397.0
7.5°	1637.3	1633.0	1621.3	1612.8	1610.7	1593.7	1563.9	1532.0	1506.5	1489.5	1465.0
10°	1789.3	1772.3	1755.3	1750.0	1737.2	1708.5	1674.5	1639.4	1604.3	1567.1	1525.6
12.5°	1916.9	1883.9	1882.9	1870.1	1845.6	1829.7	1789.3	1739.3	1678.7	1637.3	1590.5
15°	2054.0	2023.2	1997.7	1974.3	1962.6	1915.8	1881.8	1819.1	1746.8	1702.1	1670.2
17.5°	2151.8	2138.0	2094.4	2083.8	2067.9	2013.6	1959.4	1897.7	1835.0	1772.3	1686.2
20°	2230.5	2222.0	2193.3	2178.4	2152.9	2110.4	2044.5	1973.2	1900.9	1811.6	1730.8
22.5°	2264.5	2253.9	2230.5	2217.8	2201.8	2165.7	2109.3	2028.5	1933.9	1854.2	1768.0
25°	2197.6	2216.7	2210.3	2205.0	2198.6	2177.4	2134.8	2063.6	1971.1	1880.7	1773.4
27.5°	2046.6	2079.5	2111.4	2115.7	2126.3	2134.8	2117.8	2066.8	1989.2	1893.5	1775.5
30°	1843.5	1858.4	1923.3	1942.4	1957.3	2011.5	2043.4	2030.6	1971.1	1885.0	1776.5
32.5°	1583.0	1622.4	1688.3	1734.0	1774.4	1835.0	1917.9	1950.9	1929.6	1859.5	1752.1
35°	1336.4	1383.2	1459.7	1518.2	1558.6	1644.7	1742.5	1813.8	1840.3	1805.2	1709.6
37.5°	1134.4	1190.7	1258.8	1281.1	1327.9	1434.2	1569.2	1668.1	1733.0	1736.1	1661.7
40°	982.4	1011.1	1065.3	1099.3	1145.0	1234.3	1366.2	1496.9	1594.7	1627.7	1588.4
42.5°	853.7	876.0	916.4	957.9	999.4	1067.4	1188.6	1310.9	1442.7	1508.6	1507.6
45°	751.7	775.0	802.7	836.7	865.4	938.8	1034.5	1159.9	1273.7	1375.7	1401.2
47.5°	662.4	682.6	716.6	731.5	750.6	819.7	902.6	1019.6	1137.6	1254.5	1284.3
50°	596.4	613.4	636.8	646.4	667.7	718.7	786.7	881.4	1012.1	1119.5	1174.8
52.5°	536.9	549.7	567.7	575.2	590.1	628.3	690.0	764.4	872.9	983.4	1061.0
55°	485.9	494.4	507.1	515.6	526.3	560.3	606.0	673.0	766.5	862.2	937.7
57.5°	438.0	444.4	457.2	461.4	469.9	496.5	528.4	584.7	670.9	755.9	829.3
60°	393.4	397.6	405.1	414.6	421.0	439.1	468.9	515.6	584.7	662.4	721.9
62.5°	350.8	357.2	359.3	363.6	368.9	385.9	409.3	443.3	503.9	567.7	630.5
65°	307.3	312.6	316.8	317.9	323.2	336.0	357.2	387.0	426.3	481.6	540.1
67.5°	266.9	270.0	272.2	276.4	281.7	288.1	305.1	327.5	363.6	408.3	455.0
70°	229.6	229.6	232.8	233.9	240.3	247.7	255.2	276.4	308.3	344.5	376.4
72.5°	189.2	194.6	193.5	198.8	197.7	203.1	212.6	226.5	249.8	278.5	309.4
75°	154.2	157.3	157.3	157.3	159.5	163.7	169.0	181.8	199.9	223.3	241.3
77.5°	120.1	122.3	122.3	122.3	123.3	127.6	132.9	141.4	154.2	168.0	178.6
80°	86.1	88.2	88.2	90.4	90.4	91.4	96.7	101.0	107.4	118.0	128.6
82.5°	58.5	59.5	61.7	61.7	60.6	62.7	63.8	68.0	74.4	76.5	84.0
85°	31.9	33.0	34.0	34.0	35.1	37.2	36.1	40.4	40.4	44.7	46.8
87.5°	12.8	14.9	14.9	13.8	14.9	14.9	14.9	17.0	18.1	19.1	18.1
90°	21.6	20.6	19.7	19.7	19.7	18.7	17.7	16.7	17.7	15.7	13.8
92.5°	93.4	100.2	115.0	127.2	139.5	176.9	236.8	320.4	385.2	337.1	244.7
95°	270.2	300.7	348.9	396.5	444.2	575.9	728.2	823.5	800.9	604.4	369.5
97.5°	628.9	687.9	754.7	809.8	864.8	972.9	1048.5	1032.8	856.9	578.8	337.1
100°	938.5	998.4	1083.9	1120.2	1156.6	1204.8	1185.1	1041.7	790.1	513.0	312.5
102.5°	1221.5	1260.8	1305.0	1314.8	1324.7	1295.2	1178.3	968.0	706.6	468.7	305.6
105°	1402.3	1410.2	1408.2	1388.1	1367.9	1270.6	1100.6	875.6	644.6	447.1	309.5
107.5°	1468.1	1450.5	1407.2	1366.0	1324.7	1189.1	1005.3	799.9	604.4	441.2	321.3
110°	1452.4	1411.2	1341.4	1287.4	1233.3	1090.8	920.8	745.9	585.7	443.2	335.1

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1378.7	1326.6	1245.1	1191.0	1137.0	1004.3	858.9	715.4	576.8	449.1	349.8
115°	1288.3	1229.4	1151.7	1104.6	1057.4	942.4	821.5	698.7	574.9	457.0	365.6
117.5°	1197.9	1146.8	1078.0	1036.8	995.5	902.1	799.9	689.9	573.9	464.8	381.3
120°	1125.2	1081.9	1025.9	991.0	956.2	877.5	786.2	683.0	573.9	473.7	398.0
122.5°	1071.1	1035.8	990.6	961.1	931.6	861.8	774.4	675.1	572.9	482.5	413.7
125°	1034.8	1006.3	967.0	940.0	912.9	845.1	760.6	666.3	571.9	491.3	429.4
127.5°	1010.2	984.7	945.4	919.8	894.3	826.4	744.9	654.5	570.0	498.2	443.2
130°	986.6	962.1	921.8	895.8	869.7	802.9	725.2	643.7	569.0	506.1	456.0
132.5°	961.1	932.6	893.3	867.2	841.2	776.3	704.6	633.8	568.0	513.0	468.7
135°	925.7	898.2	858.9	834.3	809.7	749.8	685.9	624.0	567.0	519.8	479.6
137.5°	887.4	858.9	821.5	798.9	776.3	724.2	668.2	615.2	567.0	523.8	487.4
140°	841.2	819.6	785.2	764.6	743.9	699.7	653.5	608.3	566.0	528.7	495.3
142.5°	798.9	779.3	749.8	732.6	715.4	679.0	639.7	602.4	566.0	532.6	501.2
145°	758.6	741.9	717.4	703.6	689.9	660.4	627.0	595.5	564.1	533.6	505.1
147.5°	724.2	709.5	690.8	679.5	668.2	643.7	616.2	589.6	561.1	534.6	509.0
150°	694.8	682.0	666.3	657.4	648.6	628.9	606.3	582.7	558.2	534.6	512.0
152.5°	668.2	658.4	645.6	638.8	631.9	614.2	595.5	574.9	553.3	532.6	514.0
155°	644.6	636.8	627.0	621.1	615.2	600.4	584.7	567.0	548.3	530.7	514.9
157.5°	623.0	617.1	609.3	604.3	599.4	586.7	572.9	559.2	543.4	528.7	514.9
160°	603.4	597.5	591.6	587.7	583.7	572.9	562.1	550.3	537.5	525.7	514.9
162.5°	584.7	578.8	574.9	571.4	568.0	560.1	551.3	542.4	531.6	522.8	514.9
165°	567.0	563.1	559.2	556.7	554.2	547.4	541.5	533.6	525.7	518.9	513.0
167.5°	550.3	547.4	545.4	543.9	542.4	536.6	531.6	525.7	519.8	514.9	511.0
170°	535.6	534.6	532.6	531.2	529.7	525.7	522.8	517.9	514.0	511.0	509.0
172.5°	522.8	521.8	520.8	519.8	518.9	516.9	514.9	511.0	508.1	507.1	507.1
175°	513.0	511.0	511.0	511.0	511.0	509.0	508.1	506.1	504.1	504.1	505.1
177.5°	505.1	504.1	505.1	504.6	504.1	504.1	503.1	502.2	501.2	501.2	503.1
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2
2.5°	1323.6	1319.4	1316.2	1316.2	1306.6	1297.1	1291.7	1289.6	1287.5	1279.0	1267.3
5°	1377.9	1364.0	1354.5	1344.9	1329.0	1311.9	1294.9	1285.4	1271.5	1252.4	1238.6
7.5°	1438.5	1405.5	1394.9	1383.2	1351.3	1322.6	1299.2	1279.0	1256.7	1232.2	1207.8
10°	1489.5	1454.4	1431.0	1410.8	1369.4	1331.1	1296.0	1266.2	1237.5	1205.6	1175.9
12.5°	1538.4	1488.4	1464.0	1434.2	1390.6	1335.3	1289.6	1252.4	1209.9	1176.9	1140.8
15°	1606.4	1522.4	1482.0	1462.9	1404.4	1339.6	1284.3	1229.0	1193.9	1144.0	1112.1
17.5°	1617.1	1549.0	1522.4	1473.5	1403.4	1330.0	1266.2	1210.9	1157.8	1113.1	1071.7
20°	1654.3	1565.0	1522.4	1491.6	1399.1	1324.7	1254.5	1183.3	1132.3	1084.4	1037.6
22.5°	1677.7	1576.7	1532.0	1483.1	1394.9	1305.6	1222.6	1161.0	1098.2	1049.3	1012.1
25°	1671.3	1570.3	1520.3	1474.6	1367.2	1277.9	1203.5	1124.8	1066.4	1013.2	964.3
27.5°	1668.1	1554.3	1501.2	1450.2	1349.2	1255.6	1162.0	1098.2	1033.4	971.7	935.6
30°	1659.6	1534.1	1472.5	1417.2	1311.9	1214.1	1134.4	1060.0	995.1	938.8	890.9
32.5°	1630.9	1500.1	1440.6	1381.0	1271.5	1173.7	1092.9	1023.8	959.0	900.5	854.8
35°	1592.6	1459.7	1394.9	1332.1	1222.6	1123.8	1049.3	977.0	916.4	860.1	816.5
37.5°	1554.3	1412.9	1352.3	1280.0	1179.0	1075.9	999.4	934.5	878.2	819.7	771.9
40°	1499.1	1357.7	1290.7	1229.0	1111.0	1014.3	944.1	885.6	830.3	775.0	734.6
42.5°	1423.6	1297.1	1228.0	1159.9	1049.3	953.7	885.6	833.5	781.4	735.7	691.1
45°	1347.0	1223.7	1162.0	1101.4	981.3	890.9	828.2	780.4	736.8	686.8	650.7
47.5°	1254.5	1150.3	1088.7	1029.1	915.4	825.0	767.6	723.0	682.6	641.1	607.1
50°	1159.9	1069.5	1013.2	951.5	843.1	761.2	704.9	667.7	634.7	595.4	567.7
52.5°	1057.8	979.2	931.3	871.8	776.1	700.6	643.2	606.0	578.4	549.7	525.2
55°	949.4	892.0	841.0	793.1	702.8	634.7	583.7	550.7	531.6	505.0	483.7
57.5°	851.6	796.3	765.5	711.3	632.6	565.6	525.2	497.6	475.2	459.3	442.3
60°	749.5	704.9	670.9	631.5	562.4	506.1	463.5	447.6	424.2	412.5	405.1
62.5°	651.7	619.8	587.9	558.2	496.5	443.3	411.4	391.2	377.4	365.7	359.3
65°	559.2	529.5	507.1	480.5	429.5	387.0	357.2	341.3	327.5	324.3	316.8
67.5°	468.9	456.1	431.6	410.4	366.8	333.8	311.5	291.3	283.9	280.7	274.3
70°	392.3	377.4	358.3	340.2	307.3	278.5	258.3	250.9	240.3	239.2	231.8
72.5°	323.2	305.1	291.3	277.5	253.0	227.5	216.9	206.3	200.9	196.7	193.5
75°	256.2	243.5	233.9	222.2	200.9	183.9	169.0	164.8	161.6	160.5	158.4
77.5°	191.4	182.9	178.6	166.9	152.0	137.1	130.8	124.4	124.4	122.3	123.3
80°	136.1	130.8	125.5	119.1	106.3	99.9	94.6	90.4	88.2	87.2	88.2
82.5°	86.1	82.9	81.9	77.6	69.1	65.9	61.7	58.5	58.5	58.5	58.5
85°	47.8	47.8	47.8	41.5	38.3	35.1	33.0	31.9	31.9	31.9	33.0
87.5°	20.2	20.2	17.0	17.0	15.9	13.8	12.8	12.8	13.8	13.8	14.9
90°	13.8	7.9	7.9	7.9	6.9	5.9	2.9	1.0	2.9	5.9	6.9
92.5°	149.4	88.4	75.6	62.9	45.2	30.5	19.7	13.8	19.7	30.5	45.2
95°	208.3	122.8	102.2	81.6	58.0	45.2	35.4	32.4	35.4	45.2	58.0
97.5°	198.5	130.7	113.0	95.3	74.7	62.9	54.0	54.0	54.0	62.9	74.7
100°	201.5	143.5	127.8	112.0	93.4	81.6	74.7	74.7	74.7	81.6	93.4
102.5°	211.3	160.2	145.4	130.7	113.0	102.2	96.3	94.3	96.3	102.2	113.0
105°	228.0	180.8	166.6	152.3	134.6	122.8	117.9	115.0	117.9	122.8	134.6
107.5°	245.7	202.4	188.2	173.9	157.2	144.5	139.5	137.6	139.5	144.5	157.2
110°	266.3	223.1	209.8	196.5	178.9	167.1	162.1	160.2	162.1	167.1	178.9

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	286.0	244.7	231.4	218.2	200.5	189.7	183.8	181.8	183.8	189.7	200.5
115°	306.6	267.3	254.0	240.8	222.1	212.3	205.4	202.4	205.4	212.3	222.1
117.5°	326.3	288.9	275.2	261.4	243.7	232.9	227.0	224.1	227.0	232.9	243.7
120°	346.9	309.5	295.8	282.0	265.3	254.5	247.6	245.7	247.6	254.5	265.3
122.5°	366.5	329.2	316.0	302.7	284.0	274.2	267.3	265.3	267.3	274.2	284.0
125°	384.2	348.9	335.1	321.3	302.7	291.9	286.0	282.0	286.0	291.9	302.7
127.5°	400.9	366.5	352.8	339.0	319.4	307.6	300.7	297.8	300.7	307.6	319.4
130°	417.6	384.2	370.0	355.7	337.1	322.3	314.5	310.5	314.5	322.3	337.1
132.5°	431.4	398.0	384.8	371.5	350.8	337.1	326.3	323.3	326.3	337.1	350.8
135°	444.2	411.8	399.0	386.2	365.6	348.9	339.0	335.1	339.0	348.9	365.6
137.5°	454.0	423.5	411.2	399.0	377.4	361.6	350.8	346.9	350.8	361.6	377.4
140°	463.8	434.4	422.6	410.8	390.1	373.4	362.6	359.7	362.6	373.4	390.1
142.5°	472.7	444.2	432.9	421.6	401.9	386.2	376.4	373.4	376.4	386.2	401.9
145°	478.6	453.0	442.2	431.4	412.7	399.0	389.1	386.2	389.1	399.0	412.7
147.5°	485.5	460.9	451.0	441.2	425.5	410.8	401.9	400.9	401.9	410.8	425.5
150°	490.4	468.7	459.4	450.1	435.3	423.5	415.7	414.7	415.7	423.5	435.3
152.5°	494.3	475.6	467.2	458.9	446.1	435.3	427.5	427.5	427.5	435.3	446.1
155°	498.2	481.5	474.2	466.8	456.0	446.1	440.2	439.3	440.2	446.1	456.0
157.5°	501.2	486.4	480.5	474.6	464.8	457.0	451.1	451.1	451.1	457.0	464.8
160°	503.1	491.3	485.9	480.5	472.7	465.8	461.9	461.9	461.9	465.8	472.7
162.5°	505.1	494.3	490.4	486.4	479.6	473.7	470.7	471.7	470.7	473.7	479.6
165°	505.1	496.3	493.4	490.4	485.5	480.5	478.6	478.6	478.6	480.5	485.5
167.5°	505.1	498.2	495.8	493.3	490.4	486.4	485.5	486.4	485.5	486.4	490.4
170°	504.1	499.2	497.8	496.3	494.3	491.3	490.4	491.3	490.4	491.3	494.3
172.5°	503.1	500.2	499.2	498.2	497.2	495.3	495.3	496.3	495.3	495.3	497.2
175°	502.2	500.2	500.2	500.2	499.2	498.2	498.2	499.2	498.2	498.2	499.2
177.5°	501.2	500.2	500.2	500.2	500.2	499.2	500.2	501.2	500.2	499.2	500.2
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2
2.5°	1264.1	1259.8	1262.0	1251.3	1241.8	1228.0	1216.3	1214.1	1212.0	1218.4	1214.1
5°	1228.0	1222.6	1217.3	1204.6	1185.4	1173.7	1156.7	1155.7	1149.3	1139.7	1141.8
7.5°	1188.6	1185.4	1178.0	1157.8	1140.8	1120.6	1106.8	1095.1	1089.7	1081.2	1078.0
10°	1156.7	1145.0	1138.6	1116.3	1096.1	1074.9	1056.8	1048.3	1038.7	1031.3	1026.0
12.5°	1113.1	1109.9	1091.9	1073.8	1056.8	1032.3	1018.5	994.1	981.3	987.7	985.6
15°	1084.4	1069.5	1065.3	1039.8	1011.1	995.1	969.6	953.7	948.3	938.8	927.1
17.5°	1046.2	1036.6	1021.7	998.3	965.4	943.0	925.0	910.1	903.7	890.9	881.4
20°	1010.0	994.1	982.4	961.1	929.2	900.5	878.2	868.6	852.7	842.0	836.7
22.5°	977.0	965.4	948.3	916.4	888.8	861.2	834.6	820.8	805.9	799.5	791.0
25°	936.6	917.5	905.8	870.7	841.0	818.6	794.2	776.1	767.6	757.0	754.8
27.5°	897.3	879.2	865.4	834.6	798.4	769.7	754.8	742.1	727.2	727.2	721.9
30°	858.0	845.2	824.0	794.2	760.2	732.5	715.5	703.8	698.5	694.2	693.2
32.5°	818.6	801.6	788.9	748.5	723.0	697.4	684.7	675.1	668.7	667.7	668.7
35°	778.2	759.1	746.3	710.2	684.7	661.3	656.0	647.5	644.3	643.2	648.5
37.5°	735.7	720.8	704.9	675.1	646.4	632.6	621.9	618.8	617.7	624.1	626.2
40°	696.4	683.6	668.7	636.8	615.6	600.7	595.4	592.2	596.4	602.8	606.0
42.5°	659.2	641.1	629.4	600.7	581.5	573.0	566.7	566.7	570.9	578.4	583.7
45°	619.8	606.0	594.3	568.8	551.8	542.2	541.1	542.2	547.5	552.8	559.2
47.5°	581.5	567.7	555.0	533.7	518.8	513.5	512.4	513.5	522.0	529.5	536.9
50°	546.5	531.6	519.9	499.7	488.0	481.6	482.7	488.0	494.4	505.0	514.6
52.5°	505.0	494.4	483.7	465.7	455.0	450.8	454.0	458.2	469.9	477.4	489.1
55°	464.6	455.0	446.5	432.7	424.2	421.0	423.1	429.5	439.1	451.8	465.7
57.5°	427.4	416.8	408.3	398.7	389.1	390.2	391.2	399.7	411.4	423.1	439.1
60°	385.9	379.5	372.1	360.4	356.2	356.2	359.3	368.9	379.5	398.7	412.5
62.5°	348.7	340.2	334.9	327.5	321.1	322.1	329.6	338.1	350.8	366.8	384.9
65°	310.4	300.9	296.6	290.2	288.1	289.2	294.5	307.3	321.1	334.9	351.9
67.5°	267.9	264.7	260.5	254.1	256.2	257.3	262.6	273.2	288.1	301.9	321.1
70°	231.8	225.4	224.3	219.0	219.0	222.2	232.8	240.3	254.1	269.0	289.2
72.5°	193.5	188.2	188.2	183.9	187.1	190.3	195.6	206.3	219.0	233.9	250.9
75°	154.2	152.0	154.2	152.0	152.0	157.3	163.7	172.2	186.1	202.0	215.8
77.5°	119.1	119.1	118.0	121.2	121.2	124.4	132.9	141.4	152.0	164.8	179.7
80°	87.2	87.2	87.2	90.4	93.6	93.6	98.9	109.5	119.1	127.6	141.4
82.5°	59.5	59.5	59.5	61.7	65.9	65.9	72.3	78.7	89.3	96.7	103.1
85°	36.1	36.1	35.1	37.2	38.3	41.5	46.8	51.0	56.3	62.7	69.1
87.5°	15.9	15.9	17.0	18.1	19.1	21.3	23.4	25.5	30.8	33.0	36.1
90°	7.9	7.9	7.9	13.8	13.8	15.7	17.7	16.7	17.7	18.7	19.7
92.5°	62.9	75.6	88.4	149.4	244.7	337.1	385.2	320.4	236.8	176.9	139.5
95°	81.6	102.2	122.8	208.3	369.5	604.4	800.9	823.5	728.2	575.9	444.2
97.5°	95.3	113.0	130.7	198.5	337.1	578.8	856.9	1032.8	1048.5	972.9	864.8
100°	112.0	127.8	143.5	201.5	312.5	513.0	790.1	1041.7	1185.1	1204.8	1156.6
102.5°	130.7	145.4	160.2	211.3	305.6	468.7	706.6	968.0	1178.3	1295.2	1324.7
105°	152.3	166.6	180.8	228.0	309.5	447.1	644.6	875.6	1100.6	1270.6	1367.9
107.5°	173.9	188.2	202.4	245.7	321.3	441.2	604.4	799.9	1005.3	1189.1	1324.7
110°	196.5	209.8	223.1	266.3	335.1	443.2	585.7	745.9	920.8	1090.8	1233.3

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	218.2	231.4	244.7	286.0	349.8	449.1	576.8	715.4	858.9	1004.3	1137.0
115°	240.8	254.0	267.3	306.6	365.6	457.0	574.9	698.7	821.5	942.4	1057.4
117.5°	261.4	275.2	288.9	326.3	381.3	464.8	573.9	689.9	799.9	902.1	995.5
120°	282.0	295.8	309.5	346.9	398.0	473.7	573.9	683.0	786.2	877.5	956.2
122.5°	302.7	316.0	329.2	366.5	413.7	482.5	572.9	675.1	774.4	861.8	931.6
125°	321.3	335.1	348.9	384.2	429.4	491.3	571.9	666.3	760.6	845.1	912.9
127.5°	339.0	352.8	366.5	400.9	443.2	498.2	570.0	654.5	744.9	826.4	894.3
130°	355.7	370.0	384.2	417.6	456.0	506.1	569.0	643.7	725.2	802.9	869.7
132.5°	371.5	384.8	398.0	431.4	468.7	513.0	568.0	633.8	704.6	776.3	841.2
135°	386.2	399.0	411.8	444.2	479.6	519.8	567.0	624.0	685.9	749.8	809.7
137.5°	399.0	411.2	423.5	454.0	487.4	523.8	567.0	615.2	668.2	724.2	776.3
140°	410.8	422.6	434.4	463.8	495.3	528.7	566.0	608.3	653.5	699.7	743.9
142.5°	421.6	432.9	444.2	472.7	501.2	532.6	566.0	602.4	639.7	679.0	715.4
145°	431.4	442.2	453.0	478.6	505.1	533.6	564.1	595.5	627.0	660.4	689.9
147.5°	441.2	451.0	460.9	485.5	509.0	534.6	561.1	589.6	616.2	643.7	668.2
150°	450.1	459.4	468.7	490.4	512.0	534.6	558.2	582.7	606.3	628.9	648.6
152.5°	458.9	467.2	475.6	494.3	514.0	532.6	553.3	574.9	595.5	614.2	631.9
155°	466.8	474.2	481.5	498.2	514.9	530.7	548.3	567.0	584.7	600.4	615.2
157.5°	474.6	480.5	486.4	501.2	514.9	528.7	543.4	559.2	572.9	586.7	599.4
160°	480.5	485.9	491.3	503.1	514.9	525.7	537.5	550.3	562.1	572.9	583.7
162.5°	486.4	490.4	494.3	505.1	514.9	522.8	531.6	542.4	551.3	560.1	568.0
165°	490.4	493.4	496.3	505.1	513.0	518.9	525.7	533.6	541.5	547.4	554.2
167.5°	493.3	495.8	498.2	505.1	511.0	514.9	519.8	525.7	531.6	536.6	542.4
170°	496.3	497.8	499.2	504.1	509.0	511.0	514.0	517.9	522.8	525.7	529.7
172.5°	498.2	499.2	500.2	503.1	507.1	507.1	508.1	511.0	514.9	516.9	518.9
175°	500.2	500.2	500.2	502.2	505.1	504.1	504.1	506.1	508.1	509.0	511.0
177.5°	500.2	500.2	500.2	501.2	503.1	501.2	501.2	502.2	503.1	504.1	504.1
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2
2.5°	1210.9	1209.9	1204.6	1206.7	1200.3	1202.4	1205.6	1206.7	1210.9	1207.8	1206.7
5°	1136.5	1134.4	1131.2	1128.0	1127.0	1131.2	1123.8	1125.9	1128.0	1131.2	1135.5
7.5°	1075.9	1074.9	1071.7	1066.4	1064.2	1062.1	1063.2	1070.6	1069.5	1068.5	1075.9
10°	1020.6	1021.7	1015.3	1014.3	1007.9	1006.8	1007.9	1010.0	1013.2	1017.4	1018.5
12.5°	963.2	977.0	965.4	961.1	951.5	956.8	959.0	949.4	954.7	957.9	973.9
15°	927.1	920.7	913.3	913.3	909.0	906.9	901.6	909.0	913.3	919.6	917.5
17.5°	877.1	866.5	862.2	858.0	859.0	863.3	851.6	868.6	868.6	871.8	866.5
20°	833.5	825.0	819.7	817.6	814.4	812.3	811.2	815.4	821.8	824.0	829.3
22.5°	787.8	787.8	779.3	776.1	774.0	770.8	776.1	772.9	777.2	781.4	789.9
25°	749.5	749.5	746.3	742.1	738.9	736.8	740.0	738.9	742.1	747.4	749.5
27.5°	718.7	715.5	714.4	713.4	712.3	713.4	712.3	715.5	718.7	719.8	717.6
30°	692.1	688.9	690.0	690.0	691.1	690.0	688.9	692.1	693.2	691.1	692.1
32.5°	667.7	667.7	669.8	670.9	670.9	671.9	673.0	670.9	671.9	668.7	669.8
35°	647.5	649.6	651.7	652.8	653.8	652.8	654.9	653.8	651.7	649.6	648.5
37.5°	627.3	629.4	633.6	634.7	637.9	639.0	636.8	636.8	635.8	631.5	629.4
40°	606.0	608.1	613.4	616.6	618.8	621.9	619.8	619.8	615.6	611.3	608.1
42.5°	585.8	590.1	595.4	598.6	602.8	602.8	602.8	600.7	595.4	591.1	587.9
45°	565.6	566.7	574.1	579.4	583.7	583.7	583.7	580.5	577.3	568.8	564.5
47.5°	543.3	546.5	555.0	560.3	564.5	565.6	565.6	562.4	556.0	548.6	543.3
50°	518.8	524.1	533.7	541.1	546.5	548.6	545.4	543.3	535.8	527.3	520.9
52.5°	495.4	501.8	513.5	519.9	527.3	528.4	527.3	524.1	515.6	503.9	498.6
55°	472.0	477.4	490.1	500.7	507.1	509.3	507.1	501.8	491.2	479.5	474.2
57.5°	446.5	454.0	467.8	478.4	485.9	486.9	484.8	479.5	471.0	456.1	448.7
60°	419.9	429.5	443.3	454.0	463.5	464.6	462.5	455.0	444.4	429.5	423.1
62.5°	393.4	400.8	416.8	428.5	435.9	441.2	437.0	429.5	418.9	404.0	394.4
65°	362.5	373.2	387.0	397.6	406.1	407.2	405.1	398.7	387.0	371.0	363.6
67.5°	332.8	340.2	354.0	367.9	371.0	374.2	371.0	364.7	355.1	341.3	330.6
70°	296.6	303.0	320.0	329.6	333.8	337.0	334.9	328.5	320.0	307.3	298.7
72.5°	260.5	265.8	281.7	289.2	297.7	296.6	295.6	291.3	279.6	271.1	265.8
75°	222.2	228.6	239.2	248.8	252.0	252.0	252.0	248.8	241.3	227.5	222.2
77.5°	187.1	190.3	198.8	204.1	207.3	208.4	207.3	202.0	197.7	188.2	185.0
80°	143.5	152.0	158.4	159.5	163.7	163.7	163.7	161.6	157.3	147.8	146.7
82.5°	108.4	110.6	116.9	120.1	122.3	121.2	121.2	116.9	115.9	110.6	108.4
85°	73.4	76.5	75.5	79.7	80.8	78.7	78.7	80.8	75.5	76.5	73.4
87.5°	40.4	40.4	42.5	41.5	45.7	45.7	43.6	44.7	42.5	41.5	40.4
90°	19.7	19.7	20.6	21.6	20.6	20.6	20.6	21.6	20.6	19.7	19.7
92.5°	127.2	115.0	100.2	93.4	89.4	89.4	89.4	93.4	100.2	115.0	127.2
95°	396.5	348.9	300.7	270.2	252.6	239.8	252.6	270.2	300.7	348.9	396.5
97.5°	809.8	754.7	687.9	628.9	599.4	575.9	599.4	628.9	687.9	754.7	809.8
100°	1120.2	1083.9	998.4	938.5	909.0	901.1	909.0	938.5	998.4	1083.9	1120.2
102.5°	1314.8	1305.0	1260.8	1221.5	1190.0	1184.2	1190.0	1221.5	1260.8	1305.0	1314.8
105°	1388.1	1408.2	1410.2	1402.3	1388.6	1382.7	1388.6	1402.3	1410.2	1408.2	1388.1
107.5°	1366.0	1407.2	1450.5	1468.1	1476.0	1477.0	1476.0	1468.1	1450.5	1407.2	1366.0
110°	1287.4	1341.4	1411.2	1452.4	1470.1	1479.0	1470.1	1452.4	1411.2	1341.4	1287.4

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1191.0	1245.1	1326.6	1378.7	1405.3	1421.0	1405.3	1378.7	1326.6	1245.1	1191.0
115°	1104.6	1151.7	1229.4	1288.3	1319.8	1327.6	1319.8	1288.3	1229.4	1151.7	1104.6
117.5°	1036.8	1078.0	1146.8	1197.9	1231.3	1236.2	1231.3	1197.9	1146.8	1078.0	1036.8
120°	991.0	1025.9	1081.9	1125.2	1150.7	1161.5	1150.7	1125.2	1081.9	1025.9	991.0
122.5°	961.1	990.6	1035.8	1071.1	1091.8	1102.6	1091.8	1071.1	1035.8	990.6	961.1
125°	940.0	967.0	1006.3	1034.8	1053.5	1059.3	1053.5	1034.8	1006.3	967.0	940.0
127.5°	919.8	945.4	984.7	1010.2	1025.9	1031.8	1025.9	1010.2	984.7	945.4	919.8
130°	895.8	921.8	962.1	986.6	1002.4	1008.2	1002.4	986.6	962.1	921.8	895.8
132.5°	867.2	893.3	932.6	961.1	975.8	981.7	975.8	961.1	932.6	893.3	867.2
135°	834.3	858.9	898.2	925.7	941.4	947.3	941.4	925.7	898.2	858.9	834.3
137.5°	798.9	821.5	858.9	887.4	900.2	907.0	900.2	887.4	858.9	821.5	798.9
140°	764.6	785.2	819.6	841.2	854.9	862.8	854.9	841.2	819.6	785.2	764.6
142.5°	732.6	749.8	779.3	798.9	810.7	815.6	810.7	798.9	779.3	749.8	732.6
145°	703.6	717.4	741.9	758.6	768.5	773.4	768.5	758.6	741.9	717.4	703.6
147.5°	679.5	690.8	709.5	724.2	732.1	734.1	732.1	724.2	709.5	690.8	679.5
150°	657.4	666.3	682.0	694.8	700.7	701.6	700.7	694.8	682.0	666.3	657.4
152.5°	638.8	645.6	658.4	668.2	671.2	672.2	671.2	668.2	658.4	645.6	638.8
155°	621.1	627.0	636.8	644.6	647.6	647.6	647.6	644.6	636.8	627.0	621.1
157.5°	604.3	609.3	617.1	623.0	625.0	625.0	625.0	623.0	617.1	609.3	604.3
160°	587.7	591.6	597.5	603.4	604.4	604.4	604.4	603.4	597.5	591.6	587.7
162.5°	571.4	574.9	578.8	584.7	585.7	584.7	585.7	584.7	578.8	574.9	571.4
165°	556.7	559.2	563.1	567.0	566.0	565.1	566.0	567.0	563.1	559.2	556.7
167.5°	543.9	545.4	547.4	550.3	550.3	549.3	550.3	550.3	547.4	545.4	543.9
170°	531.2	532.6	534.6	535.6	534.6	534.6	534.6	535.6	534.6	532.6	531.2
172.5°	519.8	520.8	521.8	522.8	521.8	519.8	521.8	522.8	521.8	520.8	519.8
175°	511.0	511.0	511.0	513.0	511.0	509.0	511.0	513.0	511.0	511.0	511.0
177.5°	504.6	505.1	504.1	505.1	503.1	501.2	503.1	505.1	504.1	505.1	504.6
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2	1283.2
2.5°	1206.7	1213.1	1206.7	1210.9	1213.1	1218.4	1220.5	1230.1	1233.3	1240.7	1240.7
5°	1134.4	1137.6	1138.6	1142.9	1147.2	1157.8	1165.2	1179.0	1195.0	1197.1	1206.7
7.5°	1075.9	1081.2	1089.7	1086.6	1094.0	1109.9	1119.5	1136.5	1152.5	1161.0	1172.7
10°	1023.8	1030.2	1033.4	1036.6	1050.4	1064.2	1079.1	1090.8	1112.1	1124.8	1134.4
12.5°	981.3	976.0	982.4	994.1	1010.0	1018.5	1038.7	1056.8	1072.7	1086.6	1095.1
15°	926.0	930.3	936.6	956.8	961.1	982.4	989.8	1010.0	1039.8	1052.5	1063.2
17.5°	872.9	886.7	899.4	906.9	919.6	936.6	957.9	980.2	999.4	1014.3	1027.0
20°	830.3	844.2	851.6	856.9	869.7	893.1	913.3	940.9	965.4	977.0	994.1
22.5°	796.3	796.3	806.9	822.9	830.3	852.7	869.7	899.4	926.0	940.9	956.8
25°	753.8	760.2	768.7	782.5	793.1	811.2	835.6	861.2	889.9	902.6	922.8
27.5°	718.7	726.1	737.8	741.0	751.7	767.6	793.1	820.8	850.5	864.4	881.4
30°	692.1	696.4	700.6	707.0	716.6	730.4	751.7	776.1	812.3	822.9	844.2
32.5°	668.7	670.9	673.0	678.3	683.6	697.4	714.4	741.0	770.8	786.7	805.9
35°	647.5	645.3	646.4	649.6	654.9	660.2	678.3	700.6	728.3	747.4	762.3
37.5°	627.3	623.0	621.9	621.9	624.1	630.5	644.3	663.4	693.2	709.1	724.0
40°	604.9	600.7	598.6	597.5	596.4	600.7	611.3	630.5	653.8	668.7	685.7
42.5°	583.7	579.4	574.1	573.0	570.9	573.0	580.5	598.6	618.8	633.6	647.5
45°	562.4	555.0	548.6	544.3	545.4	542.2	547.5	561.3	584.7	594.3	608.1
47.5°	539.0	530.5	522.0	517.8	513.5	515.6	517.8	529.5	549.7	559.2	573.0
50°	516.7	505.0	495.4	490.1	486.9	484.8	486.9	498.6	513.5	522.0	533.7
52.5°	491.2	479.5	469.9	461.4	457.2	454.0	455.0	465.7	479.5	488.0	499.7
55°	467.8	452.9	440.1	429.5	426.3	425.3	424.2	431.6	443.3	451.8	461.4
57.5°	441.2	426.3	412.5	399.7	393.4	392.3	392.3	394.4	409.3	415.7	421.0
60°	414.6	398.7	383.8	372.1	362.5	359.3	358.3	362.5	370.0	376.4	383.8
62.5°	384.9	368.9	350.8	340.2	330.6	322.1	325.3	326.4	337.0	340.2	346.6
65°	356.2	338.1	323.2	306.2	295.6	290.2	288.1	290.2	298.7	299.8	304.1
67.5°	323.2	306.2	288.1	276.4	266.9	257.3	255.2	255.2	259.4	262.6	267.9
70°	291.3	274.3	254.1	241.3	231.8	223.3	220.1	219.0	222.2	224.3	229.6
72.5°	254.1	237.1	222.2	208.4	196.7	190.3	187.1	185.0	188.2	190.3	191.4
75°	214.8	200.9	186.1	172.2	164.8	158.4	154.2	151.0	153.1	153.1	153.1
77.5°	177.5	163.7	152.0	142.5	132.9	125.5	122.3	119.1	120.1	120.1	122.3
80°	138.2	128.6	119.1	110.6	102.1	95.7	93.6	90.4	88.2	87.2	87.2
82.5°	102.1	94.6	86.1	78.7	74.4	68.0	65.9	61.7	61.7	60.6	60.6
85°	68.0	63.8	55.3	50.0	46.8	43.6	41.5	39.3	36.1	36.1	35.1
87.5°	36.1	34.0	31.9	25.5	25.5	22.3	21.3	20.2	17.0	18.1	18.1
90°	19.7	18.7	17.7	16.7	17.7	15.7	13.8	13.8	7.9	7.9	7.9
92.5°	139.5	176.9	236.8	320.4	385.2	337.1	244.7	149.4	88.4	75.6	62.9
95°	444.2	575.9	728.2	823.5	800.9	604.4	369.5	208.3	122.8	102.2	81.6
97.5°	864.8	972.9	1048.5	1032.8	856.9	578.8	337.1	198.5	130.7	113.0	95.3
100°	1156.6	1204.8	1185.1	1041.7	790.1	513.0	312.5	201.5	143.5	127.8	112.0
102.5°	1324.7	1295.2	1178.3	968.0	706.6	468.7	305.6	211.3	160.2	145.4	130.7
105°	1367.9	1270.6	1100.6	875.6	644.6	447.1	309.5	228.0	180.8	166.6	152.3
107.5°	1324.7	1189.1	1005.3	799.9	604.4	441.2	321.3	245.7	202.4	188.2	173.9
110°	1233.3	1090.8	920.8	745.9	585.7	443.2	335.1	266.3	223.1	209.8	196.5

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1137.0	1004.3	858.9	715.4	576.8	449.1	349.8	286.0	244.7	231.4	218.2
115°	1057.4	942.4	821.5	698.7	574.9	457.0	365.6	306.6	267.3	254.0	240.8
117.5°	995.5	902.1	799.9	689.9	573.9	464.8	381.3	326.3	288.9	275.2	261.4
120°	956.2	877.5	786.2	683.0	573.9	473.7	398.0	346.9	309.5	295.8	282.0
122.5°	931.6	861.8	774.4	675.1	572.9	482.5	413.7	366.5	329.2	316.0	302.7
125°	912.9	845.1	760.6	666.3	571.9	491.3	429.4	384.2	348.9	335.1	321.3
127.5°	894.3	826.4	744.9	654.5	570.0	498.2	443.2	400.9	366.5	352.8	339.0
130°	869.7	802.9	725.2	643.7	569.0	506.1	456.0	417.6	384.2	370.0	355.7
132.5°	841.2	776.3	704.6	633.8	568.0	513.0	468.7	431.4	398.0	384.8	371.5
135°	809.7	749.8	685.9	624.0	567.0	519.8	479.6	444.2	411.8	399.0	386.2
137.5°	776.3	724.2	668.2	615.2	567.0	523.8	487.4	454.0	423.5	411.2	399.0
140°	743.9	699.7	653.5	608.3	566.0	528.7	495.3	463.8	434.4	422.6	410.8
142.5°	715.4	679.0	639.7	602.4	566.0	532.6	501.2	472.7	444.2	432.9	421.6
145°	689.9	660.4	627.0	595.5	564.1	533.6	505.1	478.6	453.0	442.2	431.4
147.5°	668.2	643.7	616.2	589.6	561.1	534.6	509.0	485.5	460.9	451.0	441.2
150°	648.6	628.9	606.3	582.7	558.2	534.6	512.0	490.4	468.7	459.4	450.1
152.5°	631.9	614.2	595.5	574.9	553.3	532.6	514.0	494.3	475.6	467.2	458.9
155°	615.2	600.4	584.7	567.0	548.3	530.7	514.9	498.2	481.5	474.2	466.8
157.5°	599.4	586.7	572.9	559.2	543.4	528.7	514.9	501.2	486.4	480.5	474.6
160°	583.7	572.9	562.1	550.3	537.5	525.7	514.9	503.1	491.3	485.9	480.5
162.5°	568.0	560.1	551.3	542.4	531.6	522.8	514.9	505.1	494.3	490.4	486.4
165°	554.2	547.4	541.5	533.6	525.7	518.9	513.0	505.1	496.3	493.4	490.4
167.5°	542.4	536.6	531.6	525.7	519.8	514.9	511.0	505.1	498.2	495.8	493.3
170°	529.7	525.7	522.8	517.9	514.0	511.0	509.0	504.1	499.2	497.8	496.3
172.5°	518.9	516.9	514.9	511.0	508.1	507.1	507.1	503.1	500.2	499.2	498.2
175°	511.0	509.0	508.1	506.1	504.1	504.1	505.1	502.2	500.2	500.2	500.2
177.5°	504.1	504.1	503.1	502.2	501.2	501.2	503.1	501.2	500.2	500.2	500.2
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1283.2	1283.2	1283.2	1283.2
2.5°	1248.2	1258.8	1268.4	1283.2
5°	1220.5	1235.4	1255.6	1277.9
7.5°	1188.6	1212.0	1238.6	1269.4
10°	1158.8	1185.4	1219.4	1256.7
12.5°	1128.0	1159.9	1197.1	1237.5
15°	1092.9	1124.8	1166.3	1220.5
17.5°	1061.0	1099.3	1144.0	1201.4
20°	1023.8	1060.0	1108.9	1174.8
22.5°	990.9	1032.3	1086.6	1144.0
25°	954.7	990.9	1045.1	1114.2
27.5°	918.6	963.2	1015.3	1082.3
30°	883.5	920.7	977.0	1047.2
32.5°	845.2	889.9	942.0	1007.9
35°	803.8	846.3	895.2	966.4
37.5°	766.5	808.0	858.0	920.7
40°	725.1	768.7	814.4	877.1
42.5°	684.7	724.0	769.7	827.1
45°	645.3	679.4	720.8	770.8
47.5°	604.9	633.6	671.9	716.6
50°	561.3	592.2	620.9	658.1
52.5°	520.9	547.5	570.9	601.7
55°	481.6	499.7	518.8	542.2
57.5°	440.1	454.0	467.8	492.2
60°	398.7	411.4	418.9	434.8
62.5°	358.3	363.6	373.2	382.7
65°	313.6	321.1	326.4	338.1
67.5°	273.2	276.4	281.7	289.2
70°	230.7	238.1	240.3	245.6
72.5°	194.6	197.7	199.9	200.9
75°	154.2	157.3	159.5	165.9
77.5°	121.2	120.1	124.4	125.5
80°	89.3	86.1	87.2	91.4
82.5°	58.5	59.5	58.5	58.5
85°	36.1	35.1	33.0	34.0
87.5°	15.9	15.9	14.9	14.9
90°	6.9	5.9	2.9	1.0
92.5°	45.2	30.5	19.7	13.8
95°	58.0	45.2	35.4	32.4
97.5°	74.7	62.9	54.0	54.0
100°	93.4	81.6	74.7	74.7
102.5°	113.0	102.2	96.3	94.3
105°	134.6	122.8	117.9	115.0
107.5°	157.2	144.5	139.5	137.6
110°	178.9	167.1	162.1	160.2

TEST NUMBER: P1001741

CATALOG NUMBER: SA4XXDIP-B795D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	200.5	189.7	183.8	181.8
115°	222.1	212.3	205.4	202.4
117.5°	243.7	232.9	227.0	224.1
120°	265.3	254.5	247.6	245.7
122.5°	284.0	274.2	267.3	265.3
125°	302.7	291.9	286.0	282.0
127.5°	319.4	307.6	300.7	297.8
130°	337.1	322.3	314.5	310.5
132.5°	350.8	337.1	326.3	323.3
135°	365.6	348.9	339.0	335.1
137.5°	377.4	361.6	350.8	346.9
140°	390.1	373.4	362.6	359.7
142.5°	401.9	386.2	376.4	373.4
145°	412.7	399.0	389.1	386.2
147.5°	425.5	410.8	401.9	400.9
150°	435.3	423.5	415.7	414.7
152.5°	446.1	435.3	427.5	427.5
155°	456.0	446.1	440.2	439.3
157.5°	464.8	457.0	451.1	451.1
160°	472.7	465.8	461.9	461.9
162.5°	479.6	473.7	470.7	471.7
165°	485.5	480.5	478.6	478.6
167.5°	490.4	486.4	485.5	486.4
170°	494.3	491.3	490.4	491.3
172.5°	497.2	495.3	495.3	496.3
175°	499.2	498.2	498.2	499.2
177.5°	500.2	499.2	500.2	501.2
180°	500.2	500.2	500.2	500.2

(END OF REPORT)