

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: P1011092

Luminaire Tested: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1011092
REPORT IS A COMBINATION OF REPORTS P989122 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1
Description: Define 3 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

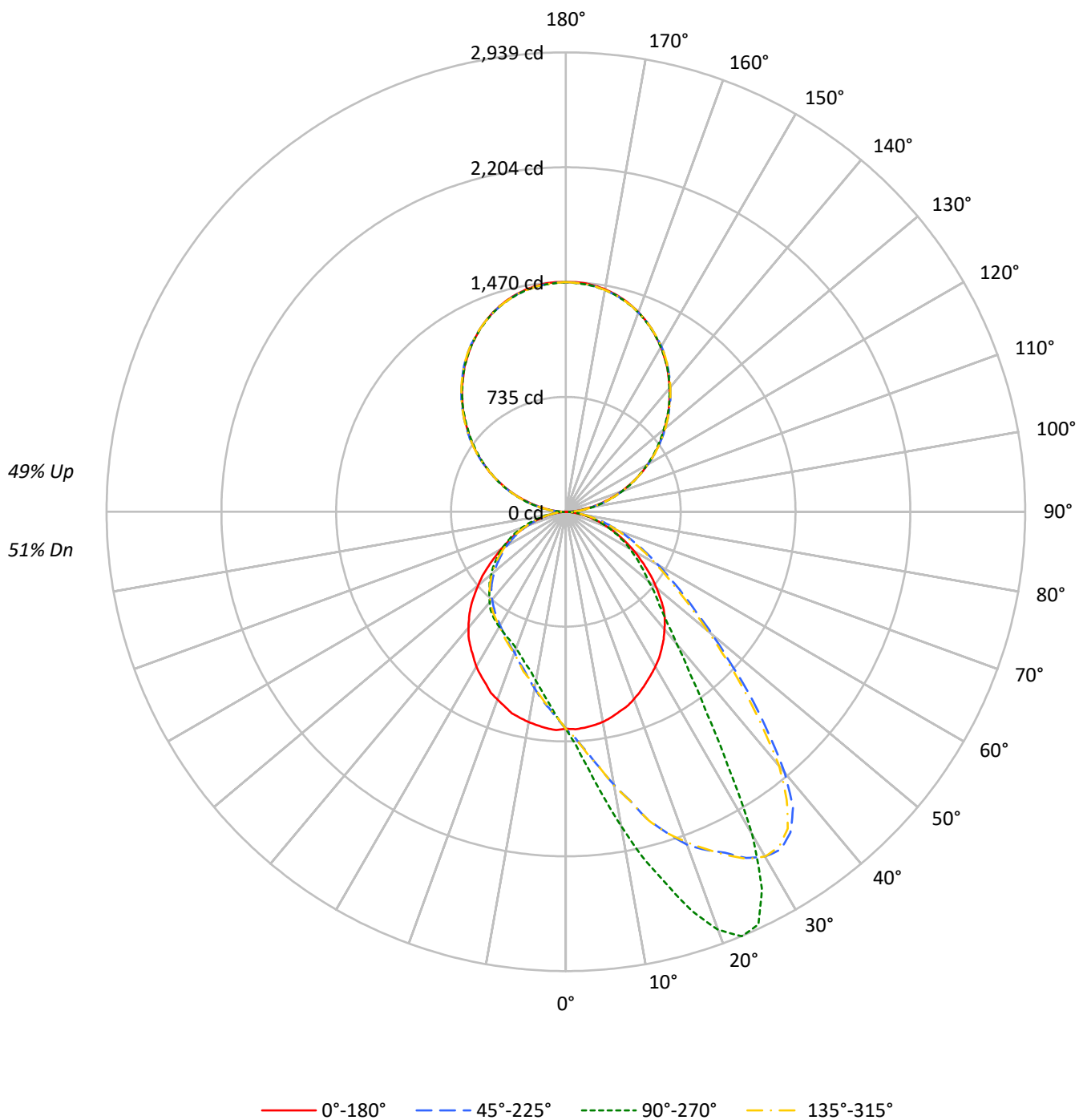
Lumens per Lamp: N/A
Luminaire Lumens: 8265.0 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 81.8
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	84	84	84	70	70	70	57	57	57
1	98	94	90	87	91	87	84	81	74	72	69	62	60	59	51	50	49
2	90	82	76	71	83	76	71	67	65	61	58	55	52	49	45	43	41
3	82	73	65	60	75	67	61	56	58	53	49	48	45	42	40	38	35
4	75	64	57	51	69	60	53	48	51	46	42	43	39	36	36	33	31
5	69	57	49	44	63	53	46	41	46	40	36	39	35	31	32	29	27
6	64	52	44	38	59	48	41	36	41	36	32	35	31	28	29	26	24
7	59	47	39	33	54	44	36	31	38	32	28	32	28	24	27	24	21
8	55	42	35	29	50	40	33	28	34	29	25	29	25	22	25	21	19
9	51	39	31	26	47	36	29	25	31	26	22	27	23	20	23	19	17
10	47	35	28	23	44	33	27	22	29	24	20	25	21	18	21	18	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14944	14944	14944	14944
5°	14953	17217	14997	12850
10°	14858	20835	14872	11221
15°	14653	24709	14772	10100
20°	14476	28448	14507	9294
25°	14213	29165	14245	8874
30°	14026	24096	14026	8598
35°	13794	16115	13707	8355
40°	13515	11633	13348	7982
45°	13166	9215	12785	7518
50°	12316	7826	11879	7063
55°	11383	6877	10921	6555
60°	10437	5987	9882	6022
65°	9399	5127	8942	5311
70°	8319	4255	7766	4477
75°	7113	3210	6653	3457
80°	5624	2143	5185	2270
85°	3881	984	3103	895

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 24100 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.5	1.7
10°-20°	438.5	5.3
20°-30°	737.9	8.9
30°-40°	833.9	10.1
40°-50°	746.8	9.0
50°-60°	602.9	7.3
60°-70°	420.1	5.1
70°-80°	220.5	2.7
80°-90°	56.0	0.7
90°-100°	94.6	1.1
100°-110°	286.3	3.5
110°-120°	487.4	5.9
120°-130°	641.3	7.8
130°-140°	720.8	8.7
140°-150°	708.6	8.6
150°-160°	596.6	7.2
160°-170°	397.2	4.8
170°-180°	139.1	1.7
0°-30°	1312.9	15.9
0°-40°	2146.8	26.0
0°-60°	3496.5	42.3
0°-90°	4193.1	50.7
90°-120°	868.4	10.5
90°-150°	2939.0	35.6
90°-180°	4072.0	49.3
0°-180°	8265.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1388	1388	1388	1388	1388	
5°	1387	1649	1391	1231	1387	132
15°	1324	2455	1334	1004	1324	374
25°	1211	2914	1213	886	1211	559
35°	1068	1570	1061	814	1068	668
45°	886	848	861	691	886	678
55°	628	576	603	549	628	562
65°	389	374	370	387	389	387
75°	187	192	175	207	187	201
85°	40	44	32	40	40	46
90°	1	35	1	35	1	8
95°	68	90	68	90	68	75
105°	260	275	260	275	260	278
115°	491	492	491	492	491	486
125°	718	710	718	710	718	640
135°	932	930	932	930	932	718
145°	1130	1130	1130	1130	1130	706
155°	1294	1292	1294	1292	1294	596
165°	1410	1405	1410	1405	1410	398
175°	1466	1460	1466	1460	1466	139
180°	1470	1470	1470	1470	1470	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3
2.5°	1392.3	1403.1	1408.4	1416.5	1424.6	1436.7	1440.7	1447.5	1444.8	1450.1	1452.8
5°	1386.9	1405.8	1421.9	1442.1	1460.9	1474.4	1487.8	1509.3	1525.5	1528.2	1540.3
7.5°	1377.5	1404.4	1432.7	1460.9	1497.2	1518.7	1543.0	1572.6	1596.8	1635.8	1650.6
10°	1365.4	1403.1	1443.4	1482.4	1532.2	1565.8	1595.4	1645.2	1695.0	1735.3	1773.0
12.5°	1346.6	1393.6	1446.1	1504.0	1568.5	1607.5	1647.9	1713.8	1789.1	1851.0	1891.4
15°	1323.7	1382.9	1450.1	1512.0	1583.3	1656.0	1699.0	1773.0	1880.6	1938.5	2042.0
17.5°	1304.9	1365.4	1432.7	1529.5	1626.4	1699.0	1729.9	1865.8	1939.8	2036.7	2153.7
20°	1275.3	1351.9	1438.0	1534.9	1660.0	1704.4	1767.6	1904.8	1996.3	2122.8	2266.7
22.5°	1244.3	1326.4	1430.0	1530.9	1670.8	1717.8	1803.9	1912.9	2058.2	2183.3	2342.0
25°	1210.7	1299.5	1404.4	1524.1	1661.3	1729.9	1810.7	1945.2	2102.6	2260.0	2406.6
27.5°	1177.1	1273.9	1382.9	1502.6	1635.8	1716.5	1797.2	1937.1	2138.9	2309.7	2496.7
30°	1144.8	1241.6	1350.6	1473.0	1612.9	1690.9	1767.6	1942.5	2167.1	2359.5	2547.8
32.5°	1109.8	1209.3	1323.7	1425.9	1567.2	1650.6	1736.7	1942.5	2184.6	2389.1	2561.3
35°	1068.1	1170.3	1268.5	1370.8	1510.7	1603.5	1700.4	1929.0	2200.8	2398.5	2504.8
37.5°	1027.7	1117.9	1202.6	1302.2	1448.8	1548.3	1660.0	1912.9	2192.7	2358.2	2387.8
40°	982.0	1072.1	1140.7	1233.6	1388.3	1504.0	1616.9	1891.4	2157.7	2262.7	2176.6
42.5°	937.6	1008.9	1068.1	1158.2	1326.4	1439.4	1561.8	1852.4	2089.1	2110.6	1916.9
45°	886.5	937.6	990.1	1092.3	1259.1	1374.8	1510.7	1795.9	1978.8	1916.9	1672.1
47.5°	820.6	866.3	924.2	1018.3	1187.8	1307.5	1436.7	1723.2	1818.7	1689.6	1421.9
50°	757.4	796.4	850.2	941.7	1112.5	1229.5	1366.7	1608.9	1656.0	1452.8	1225.5
52.5°	694.1	723.7	776.2	867.7	1038.5	1151.5	1276.6	1491.8	1464.9	1247.0	1045.2
55°	628.2	653.8	703.5	793.7	952.4	1060.0	1179.8	1347.9	1278.0	1070.8	909.4
57.5°	563.6	590.5	641.7	717.0	866.3	971.2	1066.8	1198.6	1093.7	928.2	785.6
60°	505.8	528.7	567.7	641.7	777.5	862.3	949.7	1039.9	952.4	792.3	683.4
62.5°	445.3	466.8	503.1	570.4	687.4	762.7	832.7	906.7	809.8	692.8	595.9
65°	388.8	406.3	439.9	501.8	597.3	659.2	715.7	766.8	688.8	581.1	508.5
67.5°	337.6	352.4	380.7	435.8	516.6	561.0	606.7	649.7	583.8	497.7	435.8
70°	282.5	294.6	320.2	360.5	425.1	470.8	504.5	536.7	477.6	408.9	367.2
72.5°	234.1	246.2	262.3	304.0	348.4	376.7	413.0	430.5	396.8	340.3	298.6
75°	187.0	196.4	211.2	238.1	279.8	298.6	321.5	335.0	304.0	266.4	240.8
77.5°	146.6	150.7	161.4	180.3	208.5	230.0	247.5	255.6	234.1	209.9	188.3
80°	103.6	109.0	117.0	133.2	154.7	161.4	172.2	181.6	168.2	146.6	133.2
82.5°	68.6	75.3	79.4	86.1	99.5	107.6	110.3	118.4	106.3	98.2	92.8
85°	40.4	43.0	44.4	48.4	55.2	59.2	63.2	64.6	61.9	60.5	55.2
87.5°	20.2	20.2	20.2	22.9	24.2	26.9	28.2	28.2	28.2	26.9	25.6
90°	1.2	3.8	6.3	8.9	11.4	12.7	14.4	17.7	21.0	24.4	27.7
92.5°	34.6	36.2	37.7	39.3	40.8	41.6	42.4	43.9	45.4	47.0	48.5
95°	68.1	69.9	71.7	73.5	75.3	76.2	77.2	79.3	81.3	83.4	85.4
97.5°	112.0	113.3	114.5	115.8	117.1	117.7	118.5	120.0	121.6	123.1	124.7
100°	157.0	158.5	160.1	161.6	163.1	163.9	164.5	165.8	167.1	168.4	169.7
102.5°	208.9	209.7	210.5	211.2	212.0	212.4	213.3	215.1	216.9	218.7	220.5
105°	259.7	260.2	260.8	261.3	261.8	262.1	263.2	265.5	267.8	270.1	272.4
107.5°	319.8	320.0	320.3	320.5	320.8	320.9	321.4	322.4	323.5	324.5	325.5
110°	375.2	375.7	376.2	376.7	377.2	377.5	377.8	378.3	378.8	379.3	379.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	432.9	433.2	433.4	433.7	434.0	434.1	434.1	434.1	434.1	434.1	434.1
115°	490.6	491.4	492.2	492.9	493.7	494.1	493.8	493.3	492.8	492.3	491.8
117.5°	549.5	549.8	550.0	550.3	550.6	550.7	550.4	549.9	549.4	548.8	548.3
120°	603.8	605.3	606.9	608.4	609.9	610.7	610.1	608.8	607.5	606.2	604.9
122.5°	660.3	661.3	662.3	663.4	664.4	664.9	664.6	664.1	663.6	663.1	662.6
125°	718.0	718.8	719.6	720.3	721.1	721.5	721.2	720.7	720.2	719.7	719.2
127.5°	771.1	772.7	774.2	775.8	777.3	778.1	777.8	777.3	776.8	776.3	775.8
130°	824.2	826.3	828.3	830.4	832.5	833.5	833.1	832.3	831.6	830.8	830.0
132.5°	877.4	879.4	881.5	883.5	885.6	886.6	886.3	885.8	885.3	884.8	884.3
135°	931.6	933.1	934.7	936.2	937.7	938.5	938.4	938.1	937.9	937.6	937.4
137.5°	981.2	982.5	983.8	985.1	986.4	987.0	987.4	988.2	988.9	989.7	990.5
140°	1033.2	1034.5	1035.8	1037.1	1038.4	1039.0	1039.1	1039.4	1039.6	1039.9	1040.1
142.5°	1080.5	1081.8	1083.1	1084.4	1085.7	1086.3	1086.6	1087.1	1087.6	1088.1	1088.6
145°	1130.2	1130.7	1131.2	1131.7	1132.2	1132.5	1132.9	1133.6	1134.4	1135.1	1135.9
147.5°	1172.9	1173.9	1174.9	1176.0	1177.0	1177.5	1177.9	1178.7	1179.4	1180.2	1181.0
150°	1217.9	1218.4	1218.9	1219.4	1219.9	1220.2	1220.5	1221.0	1221.5	1222.0	1222.5
152.5°	1254.8	1255.6	1256.4	1257.1	1257.9	1258.3	1258.4	1258.7	1259.0	1259.2	1259.5
155°	1294.1	1294.1	1294.1	1294.1	1294.1	1294.1	1294.2	1294.5	1294.7	1295.0	1295.2
157.5°	1327.6	1327.3	1327.1	1326.8	1326.5	1326.4	1326.5	1326.8	1327.1	1327.3	1327.6
160°	1358.7	1358.2	1357.7	1357.2	1356.7	1356.4	1356.4	1356.4	1356.4	1356.4	1356.4
162.5°	1386.4	1385.6	1384.9	1384.1	1383.4	1383.0	1383.1	1383.4	1383.6	1383.9	1384.1
165°	1409.5	1408.7	1408.0	1407.2	1406.5	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1
167.5°	1429.2	1428.2	1427.1	1426.1	1425.0	1424.5	1424.6	1424.9	1425.2	1425.4	1425.7
170°	1445.3	1444.3	1443.3	1442.2	1441.2	1440.7	1440.7	1440.7	1440.7	1440.7	1440.7
172.5°	1458.0	1457.0	1456.0	1454.9	1453.9	1453.4	1453.4	1453.4	1453.4	1453.4	1453.4
175°	1466.1	1465.1	1464.1	1463.0	1462.0	1461.5	1461.5	1461.5	1461.5	1461.5	1461.5
177.5°	1470.7	1469.7	1468.7	1467.6	1466.6	1466.1	1466.1	1466.1	1466.1	1466.1	1466.1
180°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3
2.5°	1462.2	1464.9	1474.4	1481.1	1494.5	1493.2	1493.2	1491.8	1487.8	1494.5	1498.6
5°	1564.5	1587.4	1590.0	1619.6	1621.0	1633.1	1641.2	1634.4	1650.6	1649.2	1637.1
7.5°	1690.9	1721.9	1736.7	1764.9	1797.2	1789.1	1820.1	1825.5	1822.8	1836.2	1845.6
10°	1829.5	1883.3	1921.0	1973.4	1986.9	1995.0	2015.1	2032.6	2067.6	2040.7	2058.2
12.5°	1988.2	2027.2	2077.0	2160.4	2202.1	2229.0	2238.4	2250.5	2274.8	2260.0	2261.3
15°	2121.4	2173.9	2258.6	2362.2	2374.3	2407.9	2399.9	2472.5	2507.5	2455.0	2484.6
17.5°	2260.0	2329.9	2430.8	2520.9	2572.1	2594.9	2616.4	2686.4	2683.7	2675.6	2682.4
20°	2348.7	2463.1	2588.2	2707.9	2722.7	2740.2	2798.0	2827.6	2822.3	2845.1	2859.9
22.5°	2473.9	2594.9	2728.1	2807.5	2841.1	2861.3	2907.0	2925.8	2933.9	2939.3	2929.9
25°	2578.8	2707.9	2806.1	2876.1	2896.2	2907.0	2921.8	2927.2	2923.2	2913.7	2921.8
27.5°	2650.1	2753.7	2820.9	2853.2	2842.4	2825.0	2796.7	2777.9	2736.2	2716.0	2740.2
30°	2679.7	2725.4	2745.6	2691.8	2638.0	2594.9	2541.1	2441.6	2363.5	2386.4	2355.5
32.5°	2632.6	2603.0	2506.1	2367.6	2325.9	2255.9	2103.9	1986.9	1990.9	1929.0	1954.6
35°	2494.0	2359.5	2176.6	1966.7	1911.6	1873.9	1707.1	1681.5	1627.7	1569.9	1586.0
37.5°	2249.2	2052.8	1830.8	1676.1	1594.1	1512.0	1417.9	1361.4	1329.1	1304.9	1323.7
40°	1950.6	1711.1	1528.2	1389.6	1319.7	1267.2	1202.6	1146.1	1109.8	1105.8	1112.5
42.5°	1657.3	1455.5	1287.4	1155.5	1132.7	1070.8	1029.1	984.7	973.9	956.4	965.9
45°	1403.1	1238.9	1100.4	992.8	965.9	949.7	898.6	870.4	858.2	847.5	863.6
47.5°	1218.8	1046.6	945.7	881.1	854.2	827.3	799.1	780.2	770.8	772.2	770.8
50°	1041.2	914.7	826.0	776.2	760.0	741.2	718.3	706.2	702.2	690.1	699.5
52.5°	895.9	804.4	742.6	695.5	683.4	669.9	651.1	644.4	634.9	632.3	632.3
55°	778.9	707.6	657.8	626.9	612.1	601.3	590.5	582.5	575.8	575.8	575.8
57.5°	687.4	625.5	589.2	562.3	556.9	546.2	534.1	534.1	524.6	523.3	527.3
60°	609.4	554.2	526.0	503.1	495.0	492.3	480.2	480.2	477.6	470.8	476.2
62.5°	530.0	489.7	465.4	448.0	439.9	439.9	430.5	423.7	423.7	425.1	422.4
65°	457.4	427.8	406.3	392.8	388.8	383.4	382.0	376.7	372.6	374.0	372.6
67.5°	392.8	369.9	355.1	344.4	337.6	335.0	330.9	330.9	328.2	329.6	322.9
70°	335.0	312.1	300.0	289.2	286.5	286.5	281.2	282.5	279.8	283.8	281.2
72.5°	275.8	258.3	248.9	244.8	242.1	240.8	238.1	235.4	234.1	236.8	235.4
75°	223.3	208.5	201.8	199.1	196.4	196.4	195.1	193.7	192.4	192.4	192.4
77.5°	173.5	164.1	156.0	158.7	154.7	156.0	152.0	152.0	153.4	152.0	152.0
80°	127.8	121.1	121.1	118.4	113.0	115.7	115.7	111.7	110.3	113.0	109.0
82.5°	84.7	83.4	80.7	79.4	76.7	78.0	76.7	75.3	74.0	76.7	74.0
85°	49.8	49.8	48.4	45.7	48.4	47.1	45.7	45.7	44.4	44.4	44.4
87.5°	25.6	22.9	22.9	21.5	22.9	20.2	21.5	20.2	18.8	20.2	18.8
90°	28.7	29.7	30.8	31.8	32.3	32.6	33.1	33.6	34.1	34.6	34.1
92.5°	49.3	50.0	50.8	51.5	51.9	51.6	51.1	50.6	50.1	49.6	50.1
95°	86.4	87.4	88.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0
97.5°	126.0	127.2	128.5	129.8	130.4	130.3	130.0	129.8	129.5	129.3	129.5
100°	170.5	171.3	172.0	172.8	173.2	173.5	174.0	174.5	175.0	175.5	175.0
102.5°	221.3	222.1	222.8	223.6	224.0	223.9	223.6	223.3	223.1	222.8	223.1
105°	272.4	272.4	272.4	272.4	272.4	272.7	273.2	273.7	274.2	274.7	274.2
107.5°	326.3	327.1	327.8	328.6	329.0	328.9	328.6	328.4	328.1	327.9	328.1
110°	380.8	381.8	382.9	383.9	384.4	384.1	383.6	383.1	382.6	382.1	382.6

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	435.4	436.6	437.9	439.2	439.8	439.8	439.8	439.8	439.8	439.8	439.8
115°	492.0	492.3	492.5	492.8	492.9	492.8	492.5	492.3	492.0	491.8	492.0
117.5°	548.3	548.3	548.3	548.3	548.3	547.9	547.2	546.4	545.7	544.9	545.7
120°	604.7	604.4	604.2	603.9	603.8	603.5	603.0	602.5	601.9	601.4	601.9
122.5°	661.8	661.1	660.3	659.6	659.2	658.8	658.0	657.3	656.5	655.7	656.5
125°	718.2	717.2	716.1	715.1	714.6	714.1	713.1	712.0	711.0	710.0	711.0
127.5°	774.2	772.7	771.1	769.6	768.8	768.3	767.3	766.2	765.2	764.2	765.2
130°	829.0	828.0	826.9	825.9	825.4	824.5	822.7	820.9	819.1	817.3	819.1
132.5°	883.0	881.7	880.4	879.1	878.5	877.9	876.6	875.3	874.0	872.7	874.0
135°	936.4	935.4	934.3	933.3	932.8	932.5	932.0	931.5	931.0	930.5	931.0
137.5°	989.2	987.9	986.6	985.3	984.7	984.3	983.5	982.8	982.0	981.2	982.0
140°	1039.9	1039.6	1039.4	1039.1	1039.0	1038.1	1036.3	1034.5	1032.7	1030.9	1032.7
142.5°	1088.4	1088.1	1087.9	1087.6	1087.5	1086.9	1085.6	1084.3	1083.0	1081.7	1083.0
145°	1135.7	1135.4	1135.2	1134.9	1134.8	1134.3	1133.3	1132.2	1131.2	1130.2	1131.2
147.5°	1181.0	1181.0	1181.0	1181.0	1181.0	1180.2	1178.7	1177.1	1175.6	1174.0	1175.6
150°	1222.5	1222.5	1222.5	1222.5	1222.5	1221.7	1220.2	1218.7	1217.1	1215.6	1217.1
152.5°	1260.0	1260.5	1261.0	1261.5	1261.8	1261.2	1259.9	1258.6	1257.3	1256.0	1257.3
155°	1296.2	1297.3	1298.3	1299.4	1299.9	1299.0	1297.2	1295.4	1293.6	1291.8	1293.6
157.5°	1328.6	1329.6	1330.7	1331.7	1332.2	1331.4	1329.9	1328.4	1326.8	1325.3	1326.8
160°	1357.7	1359.0	1360.3	1361.6	1362.2	1361.7	1360.7	1359.6	1358.6	1357.6	1358.6
162.5°	1385.4	1386.7	1388.0	1389.3	1389.9	1389.0	1387.2	1385.4	1383.6	1381.8	1383.6
165°	1407.6	1409.2	1410.7	1412.2	1413.0	1412.1	1410.3	1408.5	1406.7	1404.9	1406.7
167.5°	1427.2	1428.8	1430.3	1431.8	1432.6	1431.8	1430.3	1428.8	1427.2	1425.7	1427.2
170°	1442.5	1444.3	1446.1	1447.9	1448.8	1447.9	1446.1	1444.3	1442.5	1440.7	1442.5
172.5°	1454.9	1456.5	1458.0	1459.5	1460.3	1459.4	1457.6	1455.8	1454.0	1452.2	1454.0
175°	1463.0	1464.6	1466.1	1467.6	1468.4	1467.5	1465.7	1463.9	1462.1	1460.3	1462.1
177.5°	1467.6	1469.2	1470.7	1472.2	1473.0	1472.1	1470.3	1468.5	1466.7	1464.9	1466.7
180°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6

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CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3
2.5°	1487.8	1491.8	1481.1	1478.4	1478.4	1483.8	1479.7	1443.4	1450.1	1442.1	1439.4
5°	1651.9	1643.9	1633.1	1627.7	1621.0	1602.2	1600.8	1559.1	1551.0	1524.1	1512.0
7.5°	1832.2	1825.5	1793.2	1789.1	1786.4	1769.0	1724.6	1680.2	1647.9	1616.9	1587.4
10°	2038.0	2017.8	2003.0	1973.4	1958.6	1934.4	1876.6	1834.9	1779.7	1732.6	1670.8
12.5°	2285.5	2262.7	2212.9	2191.4	2172.5	2105.3	2047.4	2000.3	1892.7	1860.4	1783.8
15°	2467.1	2418.7	2413.3	2366.2	2363.5	2289.6	2179.2	2128.1	2044.7	1926.3	1847.0
17.5°	2663.5	2620.5	2586.9	2530.4	2522.3	2452.3	2371.6	2246.5	2155.0	2042.0	1941.1
20°	2807.5	2784.6	2726.8	2703.9	2656.8	2597.6	2514.2	2359.5	2247.9	2134.9	2011.1
22.5°	2921.8	2898.9	2853.2	2822.3	2795.4	2718.7	2619.1	2487.3	2333.9	2186.0	2058.2
25°	2920.5	2913.7	2894.9	2880.1	2859.9	2803.4	2720.0	2593.6	2422.7	2260.0	2082.4
27.5°	2755.0	2773.8	2806.1	2822.3	2818.2	2810.2	2763.1	2656.8	2503.4	2309.7	2110.6
30°	2410.6	2479.2	2539.8	2620.5	2644.7	2703.9	2730.8	2670.3	2547.8	2367.6	2147.0
32.5°	1999.0	2098.5	2230.4	2274.8	2351.4	2465.8	2593.6	2616.4	2539.8	2401.2	2169.8
35°	1639.8	1721.9	1824.1	1894.1	1962.7	2148.3	2309.7	2449.6	2475.2	2383.7	2164.5
37.5°	1357.3	1415.2	1505.3	1564.5	1627.7	1786.4	2012.4	2194.0	2321.8	2324.5	2149.7
40°	1152.9	1178.4	1256.4	1299.5	1360.0	1497.2	1699.0	1935.8	2122.8	2208.8	2110.6
42.5°	976.6	1010.3	1074.8	1107.1	1146.1	1265.8	1399.0	1623.7	1855.1	2039.3	2038.0
45°	871.7	895.9	925.5	952.4	996.8	1068.1	1220.1	1388.3	1610.2	1818.7	1900.8
47.5°	778.9	801.7	831.3	839.4	869.0	936.3	1029.1	1175.7	1382.9	1590.0	1744.7
50°	700.9	719.7	739.9	754.7	768.1	823.3	893.2	1017.0	1182.4	1382.9	1575.2
52.5°	640.3	653.8	671.3	679.3	691.4	731.8	785.6	877.1	1012.9	1195.9	1382.9
55°	583.8	593.2	604.0	617.5	622.8	652.4	694.1	772.2	873.0	1037.2	1214.7
57.5°	531.4	535.4	542.1	550.2	556.9	582.5	618.8	671.3	760.0	886.5	1054.6
60°	472.2	482.9	487.0	495.0	499.1	519.3	547.5	591.9	660.5	769.5	895.9
62.5°	422.4	429.1	435.8	439.9	449.3	456.0	478.9	519.3	575.8	656.5	770.8
65°	378.0	380.7	384.7	388.8	391.5	399.5	421.1	448.0	491.0	562.3	651.1
67.5°	326.9	329.6	335.0	336.3	339.0	349.8	361.9	384.7	421.1	474.9	547.5
70°	277.1	281.2	283.8	286.5	290.6	294.6	308.1	326.9	355.1	392.8	449.3
72.5°	234.1	238.1	238.1	240.8	239.4	244.8	258.3	271.7	290.6	321.5	371.3
75°	191.0	191.0	193.7	195.1	196.4	201.8	207.2	217.9	232.7	256.9	287.9
77.5°	150.7	149.3	152.0	152.0	152.0	156.0	161.4	166.8	176.2	193.7	217.9
80°	110.3	110.3	113.0	114.3	111.7	113.0	115.7	121.1	127.8	139.9	153.4
82.5°	72.6	78.0	76.7	78.0	76.7	79.4	80.7	82.1	84.7	90.1	99.5
85°	44.4	44.4	44.4	45.7	44.4	45.7	45.7	45.7	47.1	49.8	53.8
87.5°	18.8	18.8	18.8	20.2	18.8	18.8	20.2	18.8	20.2	20.2	21.5
90°	33.6	33.1	32.6	32.3	31.8	30.8	29.7	28.7	27.7	24.4	21.0
92.5°	50.6	51.1	51.6	51.9	51.5	50.8	50.0	49.3	48.5	47.0	45.4
95°	90.0	90.0	90.0	90.0	89.5	88.5	87.4	86.4	85.4	83.4	81.3
97.5°	129.8	130.0	130.3	130.4	129.8	128.5	127.2	126.0	124.7	123.1	121.6
100°	174.5	174.0	173.5	173.2	172.8	172.0	171.3	170.5	169.7	168.4	167.1
102.5°	223.3	223.6	223.9	224.0	223.6	222.8	222.1	221.3	220.5	218.7	216.9
105°	273.7	273.2	272.7	272.4	272.4	272.4	272.4	272.4	272.4	270.1	267.8
107.5°	328.4	328.6	328.9	329.0	328.6	327.8	327.1	326.3	325.5	324.5	323.5
110°	383.1	383.6	384.1	384.4	383.9	382.9	381.8	380.8	379.8	379.3	378.8

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	439.8	439.8	439.8	439.8	439.2	437.9	436.6	435.4	434.1	434.1	434.1
115°	492.3	492.5	492.8	492.9	492.8	492.5	492.3	492.0	491.8	492.3	492.8
117.5°	546.4	547.2	547.9	548.3	548.3	548.3	548.3	548.3	548.3	548.8	549.4
120°	602.5	603.0	603.5	603.8	603.9	604.2	604.4	604.7	604.9	606.2	607.5
122.5°	657.3	658.0	658.8	659.2	659.6	660.3	661.1	661.8	662.6	663.1	663.6
125°	712.0	713.1	714.1	714.6	715.1	716.1	717.2	718.2	719.2	719.7	720.2
127.5°	766.2	767.3	768.3	768.8	769.6	771.1	772.7	774.2	775.8	776.3	776.8
130°	820.9	822.7	824.5	825.4	825.9	826.9	828.0	829.0	830.0	830.8	831.6
132.5°	875.3	876.6	877.9	878.5	879.1	880.4	881.7	883.0	884.3	884.8	885.3
135°	931.5	932.0	932.5	932.8	933.3	934.3	935.4	936.4	937.4	937.6	937.9
137.5°	982.8	983.5	984.3	984.7	985.3	986.6	987.9	989.2	990.5	989.7	988.9
140°	1034.5	1036.3	1038.1	1039.0	1039.1	1039.4	1039.6	1039.9	1040.1	1039.9	1039.6
142.5°	1084.3	1085.6	1086.9	1087.5	1087.6	1087.9	1088.1	1088.4	1088.6	1088.1	1087.6
145°	1132.2	1133.3	1134.3	1134.8	1134.9	1135.2	1135.4	1135.7	1135.9	1135.1	1134.4
147.5°	1177.1	1178.7	1180.2	1181.0	1181.0	1181.0	1181.0	1181.0	1181.0	1180.2	1179.4
150°	1218.7	1220.2	1221.7	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.0	1221.5
152.5°	1258.6	1259.9	1261.2	1261.8	1261.5	1261.0	1260.5	1260.0	1259.5	1259.2	1259.0
155°	1295.4	1297.2	1299.0	1299.9	1299.4	1298.3	1297.3	1296.2	1295.2	1295.0	1294.7
157.5°	1328.4	1329.9	1331.4	1332.2	1331.7	1330.7	1329.6	1328.6	1327.6	1327.3	1327.1
160°	1359.6	1360.7	1361.7	1362.2	1361.6	1360.3	1359.0	1357.7	1356.4	1356.4	1356.4
162.5°	1385.4	1387.2	1389.0	1389.9	1389.3	1388.0	1386.7	1385.4	1384.1	1383.9	1383.6
165°	1408.5	1410.3	1412.1	1413.0	1412.2	1410.7	1409.2	1407.6	1406.1	1406.1	1406.1
167.5°	1428.8	1430.3	1431.8	1432.6	1431.8	1430.3	1428.8	1427.2	1425.7	1425.4	1425.2
170°	1444.3	1446.1	1447.9	1448.8	1447.9	1446.1	1444.3	1442.5	1440.7	1440.7	1440.7
172.5°	1455.8	1457.6	1459.4	1460.3	1459.5	1458.0	1456.5	1454.9	1453.4	1453.4	1453.4
175°	1463.9	1465.7	1467.5	1468.4	1467.6	1466.1	1464.6	1463.0	1461.5	1461.5	1461.5
177.5°	1468.5	1470.3	1472.1	1473.0	1472.2	1470.7	1469.2	1467.6	1466.1	1466.1	1466.1
180°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3
2.5°	1425.9	1421.9	1421.9	1419.2	1411.1	1396.3	1395.0	1397.7	1389.6	1381.5	1369.4
5°	1495.9	1470.3	1462.2	1454.2	1438.0	1411.1	1400.4	1391.0	1376.2	1358.7	1339.8
7.5°	1555.1	1518.7	1508.0	1493.2	1460.9	1423.2	1399.0	1378.8	1358.7	1334.5	1311.6
10°	1629.1	1576.6	1551.0	1529.5	1485.1	1432.7	1396.3	1366.7	1334.5	1304.9	1275.3
12.5°	1712.5	1627.7	1619.6	1567.2	1516.1	1438.0	1393.6	1350.6	1307.5	1271.2	1240.3
15°	1782.4	1689.6	1656.0	1621.0	1522.8	1425.9	1382.9	1334.5	1284.7	1245.7	1199.9
17.5°	1826.8	1750.1	1678.8	1631.7	1529.5	1443.4	1360.0	1304.9	1252.4	1198.6	1160.9
20°	1880.6	1769.0	1707.1	1643.9	1543.0	1430.0	1346.6	1278.0	1213.4	1165.0	1119.2
22.5°	1934.4	1783.8	1732.6	1664.0	1545.7	1416.5	1322.3	1253.7	1179.8	1131.3	1081.6
25°	1929.0	1805.3	1720.5	1662.7	1518.7	1404.4	1294.1	1213.4	1144.8	1082.9	1033.1
27.5°	1933.1	1781.1	1695.0	1627.7	1499.9	1386.9	1264.5	1179.8	1108.5	1043.9	991.4
30°	1934.4	1744.7	1669.4	1588.7	1464.9	1345.2	1230.9	1144.8	1069.4	999.5	952.4
32.5°	1930.4	1715.2	1621.0	1548.3	1409.8	1304.9	1191.9	1100.4	1023.7	959.1	914.7
35°	1921.0	1680.2	1571.2	1479.7	1353.3	1247.0	1155.5	1061.4	979.3	920.1	869.0
37.5°	1895.4	1642.5	1518.7	1428.6	1287.4	1179.8	1099.0	1021.0	941.7	871.7	828.7
40°	1876.6	1591.4	1466.3	1368.1	1216.1	1111.1	1043.9	969.9	891.9	828.7	787.0
42.5°	1833.5	1543.0	1412.5	1295.4	1146.1	1038.5	975.3	916.1	848.8	787.0	749.3
45°	1763.6	1490.5	1346.6	1228.2	1069.4	967.2	909.4	860.9	801.7	742.6	704.9
47.5°	1665.4	1415.2	1276.6	1158.2	994.1	890.5	832.7	796.4	749.3	699.5	667.2
50°	1559.1	1333.1	1205.3	1088.3	921.5	820.6	764.1	730.5	699.5	653.8	622.8
52.5°	1420.5	1245.7	1123.3	1011.6	843.5	746.6	696.8	672.6	640.3	608.0	581.1
55°	1286.0	1132.7	1031.8	925.5	766.8	676.6	628.2	602.7	583.8	556.9	535.4
57.5°	1130.0	1027.7	934.9	838.1	695.5	613.4	567.7	536.7	524.6	512.5	492.3
60°	986.0	908.0	832.7	752.0	621.5	547.5	503.1	478.9	466.8	458.7	445.3
62.5°	854.2	793.7	729.1	664.5	546.2	478.9	445.3	421.1	410.3	408.9	396.8
65°	727.8	684.7	632.3	569.0	476.2	417.0	384.7	369.9	357.8	357.8	348.4
67.5°	601.3	571.7	530.0	485.6	413.0	357.8	328.2	314.8	308.1	308.1	301.3
70°	500.4	480.2	442.6	403.6	340.3	298.6	275.8	263.7	259.6	261.0	255.6
72.5°	406.3	384.7	353.8	325.5	278.5	247.5	231.4	217.9	211.2	212.5	211.2
75°	314.8	304.0	277.1	255.6	217.9	196.4	181.6	174.9	169.5	170.8	168.2
77.5°	236.8	220.6	205.8	191.0	168.2	150.7	138.6	131.8	127.8	127.8	127.8
80°	161.4	158.7	146.6	138.6	119.7	106.3	96.9	95.5	91.5	91.5	91.5
82.5°	104.9	98.2	91.5	86.1	75.3	67.3	63.2	60.5	59.2	57.8	60.5
85°	57.8	53.8	51.1	45.7	41.7	37.7	33.6	32.3	30.9	32.3	30.9
87.5°	22.9	18.8	18.8	17.5	16.1	14.8	14.8	12.1	12.1	10.8	10.8
90°	17.7	14.4	12.7	11.4	8.9	6.3	3.8	1.2	3.8	6.3	8.9
92.5°	43.9	42.4	41.6	40.8	39.3	37.7	36.2	34.6	36.2	37.7	39.3
95°	79.3	77.2	76.2	75.3	73.5	71.7	69.9	68.1	69.9	71.7	73.5
97.5°	120.0	118.5	117.7	117.1	115.8	114.5	113.3	112.0	113.3	114.5	115.8
100°	165.8	164.5	163.9	163.1	161.6	160.1	158.5	157.0	158.5	160.1	161.6
102.5°	215.1	213.3	212.4	212.0	211.2	210.5	209.7	208.9	209.7	210.5	211.2
105°	265.5	263.2	262.1	261.8	261.3	260.8	260.2	259.7	260.2	260.8	261.3
107.5°	322.4	321.4	320.9	320.8	320.5	320.3	320.0	319.8	320.0	320.3	320.5
110°	378.3	377.8	377.5	377.2	376.7	376.2	375.7	375.2	375.7	376.2	376.7

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	434.1	434.1	434.1	434.0	433.7	433.4	433.2	432.9	433.2	433.4	433.7
115°	493.3	493.8	494.1	493.7	492.9	492.2	491.4	490.6	491.4	492.2	492.9
117.5°	549.9	550.4	550.7	550.6	550.3	550.0	549.8	549.5	549.8	550.0	550.3
120°	608.8	610.1	610.7	609.9	608.4	606.9	605.3	603.8	605.3	606.9	608.4
122.5°	664.1	664.6	664.9	664.4	663.4	662.3	661.3	660.3	661.3	662.3	663.4
125°	720.7	721.2	721.5	721.1	720.3	719.6	718.8	718.0	718.8	719.6	720.3
127.5°	777.3	777.8	778.1	777.3	775.8	774.2	772.7	771.1	772.7	774.2	775.8
130°	832.3	833.1	833.5	832.5	830.4	828.3	826.3	824.2	826.3	828.3	830.4
132.5°	885.8	886.3	886.6	885.6	883.5	881.5	879.4	877.4	879.4	881.5	883.5
135°	938.1	938.4	938.5	937.7	936.2	934.7	933.1	931.6	933.1	934.7	936.2
137.5°	988.2	987.4	987.0	986.4	985.1	983.8	982.5	981.2	982.5	983.8	985.1
140°	1039.4	1039.1	1039.0	1038.4	1037.1	1035.8	1034.5	1033.2	1034.5	1035.8	1037.1
142.5°	1087.1	1086.6	1086.3	1085.7	1084.4	1083.1	1081.8	1080.5	1081.8	1083.1	1084.4
145°	1133.6	1132.9	1132.5	1132.2	1131.7	1131.2	1130.7	1130.2	1130.7	1131.2	1131.7
147.5°	1178.7	1177.9	1177.5	1177.0	1176.0	1174.9	1173.9	1172.9	1173.9	1174.9	1176.0
150°	1221.0	1220.5	1220.2	1219.9	1219.4	1218.9	1218.4	1217.9	1218.4	1218.9	1219.4
152.5°	1258.7	1258.4	1258.3	1257.9	1257.1	1256.4	1255.6	1254.8	1255.6	1256.4	1257.1
155°	1294.5	1294.2	1294.1	1294.1	1294.1	1294.1	1294.1	1294.1	1294.1	1294.1	1294.1
157.5°	1326.8	1326.5	1326.4	1326.5	1326.8	1327.1	1327.3	1327.6	1327.3	1327.1	1326.8
160°	1356.4	1356.4	1356.4	1356.7	1357.2	1357.7	1358.2	1358.7	1358.2	1357.7	1357.2
162.5°	1383.4	1383.1	1383.0	1383.4	1384.1	1384.9	1385.6	1386.4	1385.6	1384.9	1384.1
165°	1406.1	1406.1	1406.1	1406.5	1407.2	1408.0	1408.7	1409.5	1408.7	1408.0	1407.2
167.5°	1424.9	1424.6	1424.5	1425.0	1426.1	1427.1	1428.2	1429.2	1428.2	1427.1	1426.1
170°	1440.7	1440.7	1440.7	1441.2	1442.2	1443.3	1444.3	1445.3	1444.3	1443.3	1442.2
172.5°	1453.4	1453.4	1453.4	1453.9	1454.9	1456.0	1457.0	1458.0	1457.0	1456.0	1454.9
175°	1461.5	1461.5	1461.5	1462.0	1463.0	1464.1	1465.1	1466.1	1465.1	1464.1	1463.0
177.5°	1466.1	1466.1	1466.1	1466.6	1467.6	1468.7	1469.7	1470.7	1469.7	1468.7	1467.6
180°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3
2.5°	1366.7	1365.4	1368.1	1360.0	1346.6	1339.8	1321.0	1317.0	1315.6	1317.0	1318.3
5°	1329.1	1327.7	1323.7	1310.2	1294.1	1282.0	1259.1	1257.8	1249.7	1241.6	1245.7
7.5°	1292.8	1287.4	1279.3	1261.8	1240.3	1226.8	1208.0	1194.6	1183.8	1177.1	1171.7
10°	1256.4	1248.4	1240.3	1217.4	1190.5	1170.3	1147.5	1136.7	1124.6	1119.2	1113.8
12.5°	1209.3	1201.3	1186.5	1159.6	1143.4	1117.9	1095.0	1084.2	1077.5	1066.8	1060.0
15°	1171.7	1155.5	1147.5	1119.2	1085.6	1082.9	1041.2	1038.5	1025.1	1025.1	1014.3
17.5°	1128.6	1116.5	1101.7	1073.5	1049.3	1025.1	1003.5	995.5	983.4	980.7	975.3
20°	1086.9	1070.8	1065.4	1037.2	1011.6	982.0	959.1	951.1	945.7	940.3	944.3
22.5°	1043.9	1030.4	1017.0	991.4	972.6	943.0	929.5	921.5	913.4	910.7	912.1
25°	1002.2	990.1	976.6	951.1	930.9	906.7	894.6	890.5	886.5	886.5	885.2
27.5°	961.8	949.7	937.6	914.7	894.6	877.1	867.7	863.6	859.6	862.3	865.0
30°	920.1	909.4	898.6	878.4	862.3	846.1	840.8	838.1	836.7	843.5	843.5
32.5°	882.5	873.0	865.0	846.1	830.0	816.5	812.5	813.9	815.2	819.2	821.9
35°	843.5	836.7	828.7	812.5	799.1	787.0	788.3	788.3	791.0	797.7	803.1
37.5°	808.5	799.1	792.3	778.9	768.1	757.4	761.4	765.4	768.1	776.2	778.9
40°	766.8	762.7	757.4	743.9	734.5	733.1	734.5	737.2	742.6	746.6	750.6
42.5°	733.1	727.8	721.0	710.3	702.2	703.5	704.9	707.6	710.3	717.0	721.0
45°	695.5	691.4	686.1	676.6	669.9	671.3	672.6	672.6	675.3	683.4	686.1
47.5°	653.8	655.1	648.4	639.0	634.9	634.9	634.9	637.6	644.4	647.0	648.4
50°	613.4	610.7	609.4	600.0	597.3	595.9	597.3	598.6	608.0	606.7	610.7
52.5°	570.4	570.4	569.0	563.6	559.6	559.6	556.9	563.6	566.3	569.0	573.1
55°	528.7	524.6	523.3	520.6	515.2	513.9	516.6	524.6	527.3	530.0	534.1
57.5°	482.9	482.9	480.2	476.2	476.2	476.2	476.2	481.6	485.6	488.3	496.4
60°	441.2	435.8	431.8	431.8	431.8	430.5	438.5	438.5	446.6	448.0	450.6
62.5°	391.5	388.8	386.1	387.4	386.1	388.8	391.5	396.8	398.2	402.2	406.3
65°	344.4	344.4	341.7	349.8	344.4	344.4	351.1	351.1	353.8	357.8	363.2
67.5°	298.6	300.0	297.3	297.3	300.0	301.3	302.7	308.1	309.4	314.8	321.5
70°	251.6	254.2	255.6	252.9	255.6	258.3	261.0	262.3	267.7	270.4	274.4
72.5°	209.9	212.5	208.5	209.9	211.2	213.9	215.2	217.9	220.6	228.7	231.4
75°	168.2	166.8	165.5	170.8	168.2	173.5	174.9	174.9	177.6	184.3	187.0
77.5°	129.1	129.1	130.5	127.8	131.8	130.5	131.8	135.9	139.9	139.9	150.7
80°	90.1	92.8	92.8	92.8	94.2	95.5	92.8	99.5	100.9	100.9	104.9
82.5°	57.8	59.2	57.8	60.5	60.5	63.2	61.9	63.2	65.9	68.6	70.0
85°	30.9	30.9	33.6	33.6	32.3	33.6	32.3	33.6	36.3	36.3	37.7
87.5°	10.8	10.8	10.8	10.8	12.1	10.8	12.1	12.1	10.8	10.8	14.8
90°	11.4	12.7	14.4	17.7	21.0	24.4	27.7	28.7	29.7	30.8	31.8
92.5°	40.8	41.6	42.4	43.9	45.4	47.0	48.5	49.3	50.0	50.8	51.5
95°	75.3	76.2	77.2	79.3	81.3	83.4	85.4	86.4	87.4	88.5	89.5
97.5°	117.1	117.7	118.5	120.0	121.6	123.1	124.7	126.0	127.2	128.5	129.8
100°	163.1	163.9	164.5	165.8	167.1	168.4	169.7	170.5	171.3	172.0	172.8
102.5°	212.0	212.4	213.3	215.1	216.9	218.7	220.5	221.3	222.1	222.8	223.6
105°	261.8	262.1	263.2	265.5	267.8	270.1	272.4	272.4	272.4	272.4	272.4
107.5°	320.8	320.9	321.4	322.4	323.5	324.5	325.5	326.3	327.1	327.8	328.6
110°	377.2	377.5	377.8	378.3	378.8	379.3	379.8	380.8	381.8	382.9	383.9



TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	434.0	434.1	434.1	434.1	434.1	434.1	434.1	435.4	436.6	437.9	439.2
115°	493.7	494.1	493.8	493.3	492.8	492.3	491.8	492.0	492.3	492.5	492.8
117.5°	550.6	550.7	550.4	549.9	549.4	548.8	548.3	548.3	548.3	548.3	548.3
120°	609.9	610.7	610.1	608.8	607.5	606.2	604.9	604.7	604.4	604.2	603.9
122.5°	664.4	664.9	664.6	664.1	663.6	663.1	662.6	661.8	661.1	660.3	659.6
125°	721.1	721.5	721.2	720.7	720.2	719.7	719.2	718.2	717.2	716.1	715.1
127.5°	777.3	778.1	777.8	777.3	776.8	776.3	775.8	774.2	772.7	771.1	769.6
130°	832.5	833.5	833.1	832.3	831.6	830.8	830.0	829.0	828.0	826.9	825.9
132.5°	885.6	886.6	886.3	885.8	885.3	884.8	884.3	883.0	881.7	880.4	879.1
135°	937.7	938.5	938.4	938.1	937.9	937.6	937.4	936.4	935.4	934.3	933.3
137.5°	986.4	987.0	987.4	988.2	988.9	989.7	990.5	989.2	987.9	986.6	985.3
140°	1038.4	1039.0	1039.1	1039.4	1039.6	1039.9	1040.1	1039.9	1039.6	1039.4	1039.1
142.5°	1085.7	1086.3	1086.6	1087.1	1087.6	1088.1	1088.6	1088.4	1088.1	1087.9	1087.6
145°	1132.2	1132.5	1132.9	1133.6	1134.4	1135.1	1135.9	1135.7	1135.4	1135.2	1134.9
147.5°	1177.0	1177.5	1177.9	1178.7	1179.4	1180.2	1181.0	1181.0	1181.0	1181.0	1181.0
150°	1219.9	1220.2	1220.5	1221.0	1221.5	1222.0	1222.5	1222.5	1222.5	1222.5	1222.5
152.5°	1257.9	1258.3	1258.4	1258.7	1259.0	1259.2	1259.5	1260.0	1260.5	1261.0	1261.5
155°	1294.1	1294.1	1294.2	1294.5	1294.7	1295.0	1295.2	1296.2	1297.3	1298.3	1299.4
157.5°	1326.5	1326.4	1326.5	1326.8	1327.1	1327.3	1327.6	1328.6	1329.6	1330.7	1331.7
160°	1356.7	1356.4	1356.4	1356.4	1356.4	1356.4	1356.4	1357.7	1359.0	1360.3	1361.6
162.5°	1383.4	1383.0	1383.1	1383.4	1383.6	1383.9	1384.1	1385.4	1386.7	1388.0	1389.3
165°	1406.5	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1	1407.6	1409.2	1410.7	1412.2
167.5°	1425.0	1424.5	1424.6	1424.9	1425.2	1425.4	1425.7	1427.2	1428.8	1430.3	1431.8
170°	1441.2	1440.7	1440.7	1440.7	1440.7	1440.7	1440.7	1442.5	1444.3	1446.1	1447.9
172.5°	1453.9	1453.4	1453.4	1453.4	1453.4	1453.4	1453.4	1454.9	1456.5	1458.0	1459.5
175°	1462.0	1461.5	1461.5	1461.5	1461.5	1461.5	1461.5	1463.0	1464.6	1466.1	1467.6
177.5°	1466.6	1466.1	1466.1	1466.1	1466.1	1466.1	1466.1	1467.6	1469.2	1470.7	1472.2
180°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3
2.5°	1317.0	1318.3	1312.9	1308.9	1319.7	1312.9	1312.9	1314.3	1311.6	1315.6	1314.3
5°	1243.0	1244.3	1234.9	1237.6	1232.2	1230.9	1229.5	1237.6	1236.3	1234.9	1237.6
7.5°	1170.3	1170.3	1166.3	1163.6	1163.6	1159.6	1165.0	1163.6	1166.3	1166.3	1170.3
10°	1109.8	1112.5	1105.8	1099.0	1097.7	1099.0	1099.0	1100.4	1101.7	1111.1	1109.8
12.5°	1060.0	1056.0	1054.6	1050.6	1043.9	1041.2	1038.5	1053.3	1049.3	1049.3	1049.3
15°	1004.9	1014.3	1012.9	1000.8	998.2	1003.5	1000.8	1000.8	1014.3	1012.9	1011.6
17.5°	975.3	972.6	969.9	963.2	964.5	963.2	964.5	964.5	972.6	972.6	972.6
20°	941.7	936.3	936.3	933.6	933.6	929.5	934.9	936.3	941.7	941.7	943.0
22.5°	912.1	908.0	908.0	906.7	909.4	904.0	909.4	910.7	910.7	914.7	914.7
25°	886.5	883.8	883.8	886.5	886.5	886.5	886.5	891.9	887.8	889.2	887.8
27.5°	863.6	865.0	866.3	867.7	866.3	867.7	869.0	871.7	873.0	871.7	869.0
30°	842.1	846.1	847.5	847.5	850.2	851.5	852.9	852.9	854.2	850.2	852.9
32.5°	826.0	826.0	828.7	830.0	832.7	834.0	834.0	836.7	835.4	831.3	832.7
35°	803.1	803.1	808.5	811.2	815.2	813.9	815.2	815.2	816.5	813.9	809.8
37.5°	780.2	782.9	782.9	788.3	789.6	791.0	789.6	792.3	791.0	788.3	787.0
40°	753.3	752.0	753.3	757.4	758.7	758.7	758.7	761.4	761.4	761.4	760.0
42.5°	719.7	723.7	722.4	726.4	725.1	725.1	727.8	730.5	731.8	727.8	729.1
45°	687.4	687.4	690.1	690.1	691.4	691.4	696.8	694.1	696.8	694.1	695.5
47.5°	652.4	653.8	653.8	655.1	657.8	660.5	657.8	659.2	659.2	660.5	657.8
50°	613.4	613.4	616.1	620.1	625.5	622.8	621.5	626.9	622.8	622.8	620.1
52.5°	573.1	577.1	578.4	582.5	586.5	587.9	589.2	586.5	587.9	583.8	585.2
55°	534.1	535.4	540.8	544.8	548.8	548.8	547.5	548.8	550.2	544.8	544.8
57.5°	495.0	499.1	504.5	504.5	509.8	509.8	508.5	508.5	509.8	505.8	504.5
60°	453.3	457.4	464.1	464.1	472.2	473.5	470.8	468.1	468.1	464.1	465.4
62.5°	408.9	413.0	417.0	423.7	429.1	426.4	431.8	426.4	427.8	419.7	419.7
65°	369.9	371.3	378.0	384.7	384.7	387.4	384.7	386.1	382.0	382.0	376.7
67.5°	324.2	324.2	330.9	337.6	344.4	344.4	344.4	340.3	340.3	336.3	336.3
70°	283.8	282.5	289.2	293.3	297.3	298.6	295.9	294.6	291.9	287.9	286.5
72.5°	234.1	236.8	243.5	246.2	252.9	251.6	258.3	250.2	250.2	243.5	242.1
75°	189.7	192.4	199.1	203.1	207.2	207.2	211.2	207.2	201.8	199.1	197.7
77.5°	150.7	149.3	154.7	161.4	162.8	161.4	164.1	162.8	157.4	157.4	154.7
80°	107.6	111.7	117.0	115.7	121.1	119.7	119.7	117.0	117.0	113.0	115.7
82.5°	71.3	75.3	76.7	75.3	76.7	79.4	80.7	79.4	79.4	76.7	78.0
85°	37.7	37.7	40.4	41.7	40.4	40.4	41.7	45.7	43.0	40.4	43.0
87.5°	12.1	10.8	10.8	12.1	10.8	10.8	12.1	12.1	13.5	13.5	13.5
90°	32.3	32.6	33.1	33.6	34.1	34.6	34.1	33.6	33.1	32.6	32.3
92.5°	51.9	51.6	51.1	50.6	50.1	49.6	50.1	50.6	51.1	51.6	51.9
95°	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
97.5°	130.4	130.3	130.0	129.8	129.5	129.3	129.5	129.8	130.0	130.3	130.4
100°	173.2	173.5	174.0	174.5	175.0	175.5	175.0	174.5	174.0	173.5	173.2
102.5°	224.0	223.9	223.6	223.3	223.1	222.8	223.1	223.3	223.6	223.9	224.0
105°	272.4	272.7	273.2	273.7	274.2	274.7	274.2	273.7	273.2	272.7	272.4
107.5°	329.0	328.9	328.6	328.4	328.1	327.9	328.1	328.4	328.6	328.9	329.0
110°	384.4	384.1	383.6	383.1	382.6	382.1	382.6	383.1	383.6	384.1	384.4

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	439.8	439.8	439.8	439.8	439.8	439.8	439.8	439.8	439.8	439.8	439.8
115°	492.9	492.8	492.5	492.3	492.0	491.8	492.0	492.3	492.5	492.8	492.9
117.5°	548.3	547.9	547.2	546.4	545.7	544.9	545.7	546.4	547.2	547.9	548.3
120°	603.8	603.5	603.0	602.5	601.9	601.4	601.9	602.5	603.0	603.5	603.8
122.5°	659.2	658.8	658.0	657.3	656.5	655.7	656.5	657.3	658.0	658.8	659.2
125°	714.6	714.1	713.1	712.0	711.0	710.0	711.0	712.0	713.1	714.1	714.6
127.5°	768.8	768.3	767.3	766.2	765.2	764.2	765.2	766.2	767.3	768.3	768.8
130°	825.4	824.5	822.7	820.9	819.1	817.3	819.1	820.9	822.7	824.5	825.4
132.5°	878.5	877.9	876.6	875.3	874.0	872.7	874.0	875.3	876.6	877.9	878.5
135°	932.8	932.5	932.0	931.5	931.0	930.5	931.0	931.5	932.0	932.5	932.8
137.5°	984.7	984.3	983.5	982.8	982.0	981.2	982.0	982.8	983.5	984.3	984.7
140°	1039.0	1038.1	1036.3	1034.5	1032.7	1030.9	1032.7	1034.5	1036.3	1038.1	1039.0
142.5°	1087.5	1086.9	1085.6	1084.3	1083.0	1081.7	1083.0	1084.3	1085.6	1086.9	1087.5
145°	1134.8	1134.3	1133.3	1132.2	1131.2	1130.2	1131.2	1132.2	1133.3	1134.3	1134.8
147.5°	1181.0	1180.2	1178.7	1177.1	1175.6	1174.0	1175.6	1177.1	1178.7	1180.2	1181.0
150°	1222.5	1221.7	1220.2	1218.7	1217.1	1215.6	1217.1	1218.7	1220.2	1221.7	1222.5
152.5°	1261.8	1261.2	1259.9	1258.6	1257.3	1256.0	1257.3	1258.6	1259.9	1261.2	1261.8
155°	1299.9	1299.0	1297.2	1295.4	1293.6	1291.8	1293.6	1295.4	1297.2	1299.0	1299.9
157.5°	1332.2	1331.4	1329.9	1328.4	1326.8	1325.3	1326.8	1328.4	1329.9	1331.4	1332.2
160°	1362.2	1361.7	1360.7	1359.6	1358.6	1357.6	1358.6	1359.6	1360.7	1361.7	1362.2
162.5°	1389.9	1389.0	1387.2	1385.4	1383.6	1381.8	1383.6	1385.4	1387.2	1389.0	1389.9
165°	1413.0	1412.1	1410.3	1408.5	1406.7	1404.9	1406.7	1408.5	1410.3	1412.1	1413.0
167.5°	1432.6	1431.8	1430.3	1428.8	1427.2	1425.7	1427.2	1428.8	1430.3	1431.8	1432.6
170°	1448.8	1447.9	1446.1	1444.3	1442.5	1440.7	1442.5	1444.3	1446.1	1447.9	1448.8
172.5°	1460.3	1459.4	1457.6	1455.8	1454.0	1452.2	1454.0	1455.8	1457.6	1459.4	1460.3
175°	1468.4	1467.5	1465.7	1463.9	1462.1	1460.3	1462.1	1463.9	1465.7	1467.5	1468.4
177.5°	1473.0	1472.1	1470.3	1468.5	1466.7	1464.9	1466.7	1468.5	1470.3	1472.1	1473.0
180°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3	1388.3
2.5°	1318.3	1321.0	1322.3	1317.0	1312.9	1319.7	1329.1	1335.8	1341.2	1347.9	1351.9
5°	1240.3	1249.7	1249.7	1252.4	1256.4	1263.2	1280.6	1292.8	1303.5	1311.6	1318.3
7.5°	1174.4	1181.1	1185.1	1191.9	1198.6	1208.0	1228.2	1245.7	1261.8	1271.2	1282.0
10°	1115.2	1120.6	1127.3	1131.3	1143.4	1156.9	1182.4	1197.2	1216.1	1230.9	1244.3
12.5°	1058.7	1077.5	1081.6	1080.2	1091.0	1105.8	1131.3	1154.2	1174.4	1189.2	1204.0
15°	1018.3	1025.1	1033.1	1031.8	1054.6	1058.7	1080.2	1107.1	1134.0	1143.4	1156.9
17.5°	973.9	984.7	992.8	996.8	1003.5	1018.3	1038.5	1058.7	1093.7	1095.0	1130.0
20°	939.0	949.7	955.1	960.5	964.5	982.0	999.5	1022.4	1050.6	1065.4	1084.2
22.5°	916.1	921.5	925.5	929.5	934.9	944.3	965.9	991.4	1010.3	1026.4	1038.5
25°	889.2	894.6	899.9	902.6	906.7	912.1	928.2	948.4	975.3	986.0	998.2
27.5°	870.4	870.4	873.0	873.0	878.4	883.8	895.9	914.7	936.3	949.7	965.9
30°	850.2	848.8	850.2	848.8	847.5	855.6	866.3	882.5	897.3	913.4	924.2
32.5°	830.0	828.7	828.7	830.0	824.6	828.7	834.0	848.8	865.0	873.0	885.2
35°	808.5	805.8	805.8	805.8	803.1	800.4	805.8	819.2	830.0	840.8	850.2
37.5°	787.0	782.9	782.9	780.2	777.5	773.5	773.5	784.3	799.1	803.1	815.2
40°	757.4	757.4	754.7	753.3	750.6	747.9	743.9	753.3	766.8	770.8	780.2
42.5°	727.8	723.7	722.4	722.4	722.4	718.3	715.7	722.4	730.5	737.2	742.6
45°	694.1	691.4	692.8	691.4	688.8	687.4	686.1	688.8	698.2	700.9	707.6
47.5°	657.8	656.5	656.5	655.1	653.8	655.1	649.7	656.5	659.2	661.8	667.2
50°	620.1	618.8	617.5	616.1	616.1	617.5	616.1	616.1	621.5	624.2	629.6
52.5°	582.5	578.4	578.4	577.1	577.1	574.4	577.1	578.4	581.1	583.8	586.5
55°	542.1	542.1	538.1	538.1	535.4	535.4	536.7	535.4	540.8	543.5	543.5
57.5°	503.1	497.7	499.1	496.4	493.7	492.3	492.3	495.0	497.7	497.7	500.4
60°	461.4	456.0	454.7	449.3	452.0	448.0	449.3	449.3	454.7	452.0	454.7
62.5°	419.7	413.0	408.9	406.3	406.3	407.6	404.9	403.6	406.3	408.9	414.3
65°	375.3	371.3	367.2	363.2	363.2	361.9	364.6	360.5	359.2	360.5	363.2
67.5°	329.6	325.5	321.5	317.5	318.8	314.8	312.1	316.1	313.4	314.8	317.5
70°	285.2	282.5	274.4	271.7	270.4	271.7	270.4	267.7	271.7	270.4	271.7
72.5°	240.8	238.1	234.1	227.3	227.3	226.0	224.7	224.7	223.3	223.3	223.3
75°	197.7	192.4	188.3	187.0	184.3	182.9	181.6	178.9	180.3	181.6	178.9
77.5°	153.4	146.6	145.3	145.3	141.2	141.2	142.6	141.2	139.9	139.9	139.9
80°	113.0	107.6	107.6	104.9	102.2	102.2	102.2	102.2	100.9	99.5	100.9
82.5°	72.6	71.3	70.0	70.0	72.6	67.3	70.0	68.6	67.3	67.3	65.9
85°	40.4	41.7	40.4	41.7	39.0	40.4	40.4	40.4	39.0	40.4	37.7
87.5°	14.8	14.8	14.8	16.1	16.1	16.1	16.1	16.1	17.5	16.1	16.1
90°	31.8	30.8	29.7	28.7	27.7	24.4	21.0	17.7	14.4	12.7	11.4
92.5°	51.5	50.8	50.0	49.3	48.5	47.0	45.4	43.9	42.4	41.6	40.8
95°	89.5	88.5	87.4	86.4	85.4	83.4	81.3	79.3	77.2	76.2	75.3
97.5°	129.8	128.5	127.2	126.0	124.7	123.1	121.6	120.0	118.5	117.7	117.1
100°	172.8	172.0	171.3	170.5	169.7	168.4	167.1	165.8	164.5	163.9	163.1
102.5°	223.6	222.8	222.1	221.3	220.5	218.7	216.9	215.1	213.3	212.4	212.0
105°	272.4	272.4	272.4	272.4	272.4	270.1	267.8	265.5	263.2	262.1	261.8
107.5°	328.6	327.8	327.1	326.3	325.5	324.5	323.5	322.4	321.4	320.9	320.8
110°	383.9	382.9	381.8	380.8	379.8	379.3	378.8	378.3	377.8	377.5	377.2

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	439.2	437.9	436.6	435.4	434.1	434.1	434.1	434.1	434.1	434.1	434.0
115°	492.8	492.5	492.3	492.0	491.8	492.3	492.8	493.3	493.8	494.1	493.7
117.5°	548.3	548.3	548.3	548.3	548.3	548.8	549.4	549.9	550.4	550.7	550.6
120°	603.9	604.2	604.4	604.7	604.9	606.2	607.5	608.8	610.1	610.7	609.9
122.5°	659.6	660.3	661.1	661.8	662.6	663.1	663.6	664.1	664.6	664.9	664.4
125°	715.1	716.1	717.2	718.2	719.2	719.7	720.2	720.7	721.2	721.5	721.1
127.5°	769.6	771.1	772.7	774.2	775.8	776.3	776.8	777.3	777.8	778.1	777.3
130°	825.9	826.9	828.0	829.0	830.0	830.8	831.6	832.3	833.1	833.5	832.5
132.5°	879.1	880.4	881.7	883.0	884.3	884.8	885.3	885.8	886.3	886.6	885.6
135°	933.3	934.3	935.4	936.4	937.4	937.6	937.9	938.1	938.4	938.5	937.7
137.5°	985.3	986.6	987.9	989.2	990.5	989.7	988.9	988.2	987.4	987.0	986.4
140°	1039.1	1039.4	1039.6	1039.9	1040.1	1039.9	1039.6	1039.4	1039.1	1039.0	1038.4
142.5°	1087.6	1087.9	1088.1	1088.4	1088.6	1088.1	1087.6	1087.1	1086.6	1086.3	1085.7
145°	1134.9	1135.2	1135.4	1135.7	1135.9	1135.1	1134.4	1133.6	1132.9	1132.5	1132.2
147.5°	1181.0	1181.0	1181.0	1181.0	1181.0	1180.2	1179.4	1178.7	1177.9	1177.5	1177.0
150°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.0	1221.5	1221.0	1220.5	1220.2	1219.9
152.5°	1261.5	1261.0	1260.5	1260.0	1259.5	1259.2	1259.0	1258.7	1258.4	1258.3	1257.9
155°	1299.4	1298.3	1297.3	1296.2	1295.2	1295.0	1294.7	1294.5	1294.2	1294.1	1294.1
157.5°	1331.7	1330.7	1329.6	1328.6	1327.6	1327.3	1327.1	1326.8	1326.5	1326.4	1326.5
160°	1361.6	1360.3	1359.0	1357.7	1356.4	1356.4	1356.4	1356.4	1356.4	1356.4	1356.7
162.5°	1389.3	1388.0	1386.7	1385.4	1384.1	1383.9	1383.6	1383.4	1383.1	1383.0	1383.4
165°	1412.2	1410.7	1409.2	1407.6	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1	1406.5
167.5°	1431.8	1430.3	1428.8	1427.2	1425.7	1425.4	1425.2	1424.9	1424.6	1424.5	1425.0
170°	1447.9	1446.1	1444.3	1442.5	1440.7	1440.7	1440.7	1440.7	1440.7	1440.7	1441.2
172.5°	1459.5	1458.0	1456.5	1454.9	1453.4	1453.4	1453.4	1453.4	1453.4	1453.4	1453.9
175°	1467.6	1466.1	1464.6	1463.0	1461.5	1461.5	1461.5	1461.5	1461.5	1461.5	1462.0
177.5°	1472.2	1470.7	1469.2	1467.6	1466.1	1466.1	1466.1	1466.1	1466.1	1466.1	1466.6
180°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6

TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1388.3	1388.3	1388.3	1388.3
2.5°	1358.7	1362.7	1376.2	1392.3
5°	1331.8	1342.5	1361.4	1386.9
7.5°	1302.2	1318.3	1345.2	1377.5
10°	1268.5	1291.4	1325.0	1365.4
12.5°	1232.2	1261.8	1304.9	1346.6
15°	1209.3	1238.9	1278.0	1323.7
17.5°	1165.0	1199.9	1240.3	1304.9
20°	1119.2	1158.2	1210.7	1275.3
22.5°	1084.2	1125.9	1175.7	1244.3
25°	1042.5	1085.6	1139.4	1210.7
27.5°	998.2	1041.2	1101.7	1177.1
30°	964.5	1006.2	1064.1	1144.8
32.5°	924.2	964.5	1025.1	1109.8
35°	878.4	924.2	982.0	1068.1
37.5°	843.5	885.2	945.7	1027.7
40°	805.8	842.1	901.3	982.0
42.5°	765.4	805.8	856.9	937.6
45°	727.8	757.4	809.8	886.5
47.5°	687.4	721.0	761.4	820.6
50°	644.4	672.6	717.0	757.4
52.5°	602.7	625.5	663.2	694.1
55°	558.3	581.1	609.4	628.2
57.5°	516.6	532.7	551.5	563.6
60°	465.4	481.6	493.7	505.8
62.5°	419.7	431.8	438.5	445.3
65°	372.6	379.4	383.4	388.8
67.5°	321.5	328.2	329.6	337.6
70°	274.4	275.8	278.5	282.5
72.5°	230.0	232.7	231.4	234.1
75°	184.3	187.0	184.3	187.0
77.5°	139.9	142.6	142.6	146.6
80°	100.9	102.2	103.6	103.6
82.5°	65.9	70.0	67.3	68.6
85°	37.7	39.0	39.0	40.4
87.5°	17.5	18.8	17.5	20.2
90°	8.9	6.3	3.8	1.2
92.5°	39.3	37.7	36.2	34.6
95°	73.5	71.7	69.9	68.1
97.5°	115.8	114.5	113.3	112.0
100°	161.6	160.1	158.5	157.0
102.5°	211.2	210.5	209.7	208.9
105°	261.3	260.8	260.2	259.7
107.5°	320.5	320.3	320.0	319.8
110°	376.7	376.2	375.7	375.2



TEST NUMBER: P1011092

CATALOG NUMBER: S123DIP-B1000D1195UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	433.7	433.4	433.2	432.9
115°	492.9	492.2	491.4	490.6
117.5°	550.3	550.0	549.8	549.5
120°	608.4	606.9	605.3	603.8
122.5°	663.4	662.3	661.3	660.3
125°	720.3	719.6	718.8	718.0
127.5°	775.8	774.2	772.7	771.1
130°	830.4	828.3	826.3	824.2
132.5°	883.5	881.5	879.4	877.4
135°	936.2	934.7	933.1	931.6
137.5°	985.1	983.8	982.5	981.2
140°	1037.1	1035.8	1034.5	1033.2
142.5°	1084.4	1083.1	1081.8	1080.5
145°	1131.7	1131.2	1130.7	1130.2
147.5°	1176.0	1174.9	1173.9	1172.9
150°	1219.4	1218.9	1218.4	1217.9
152.5°	1257.1	1256.4	1255.6	1254.8
155°	1294.1	1294.1	1294.1	1294.1
157.5°	1326.8	1327.1	1327.3	1327.6
160°	1357.2	1357.7	1358.2	1358.7
162.5°	1384.1	1384.9	1385.6	1386.4
165°	1407.2	1408.0	1408.7	1409.5
167.5°	1426.1	1427.1	1428.2	1429.2
170°	1442.2	1443.3	1444.3	1445.3
172.5°	1454.9	1456.0	1457.0	1458.0
175°	1463.0	1464.1	1465.1	1466.1
177.5°	1467.6	1468.7	1469.7	1470.7
180°	1469.6	1469.6	1469.6	1469.6

(END OF REPORT)