

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: P1031303

Luminaire Tested: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1031303
REPORT IS A COMBINATION OF REPORTS P990624 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B1000D1320UB35-4F0-XX-W2A-A
Description: Define 3 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

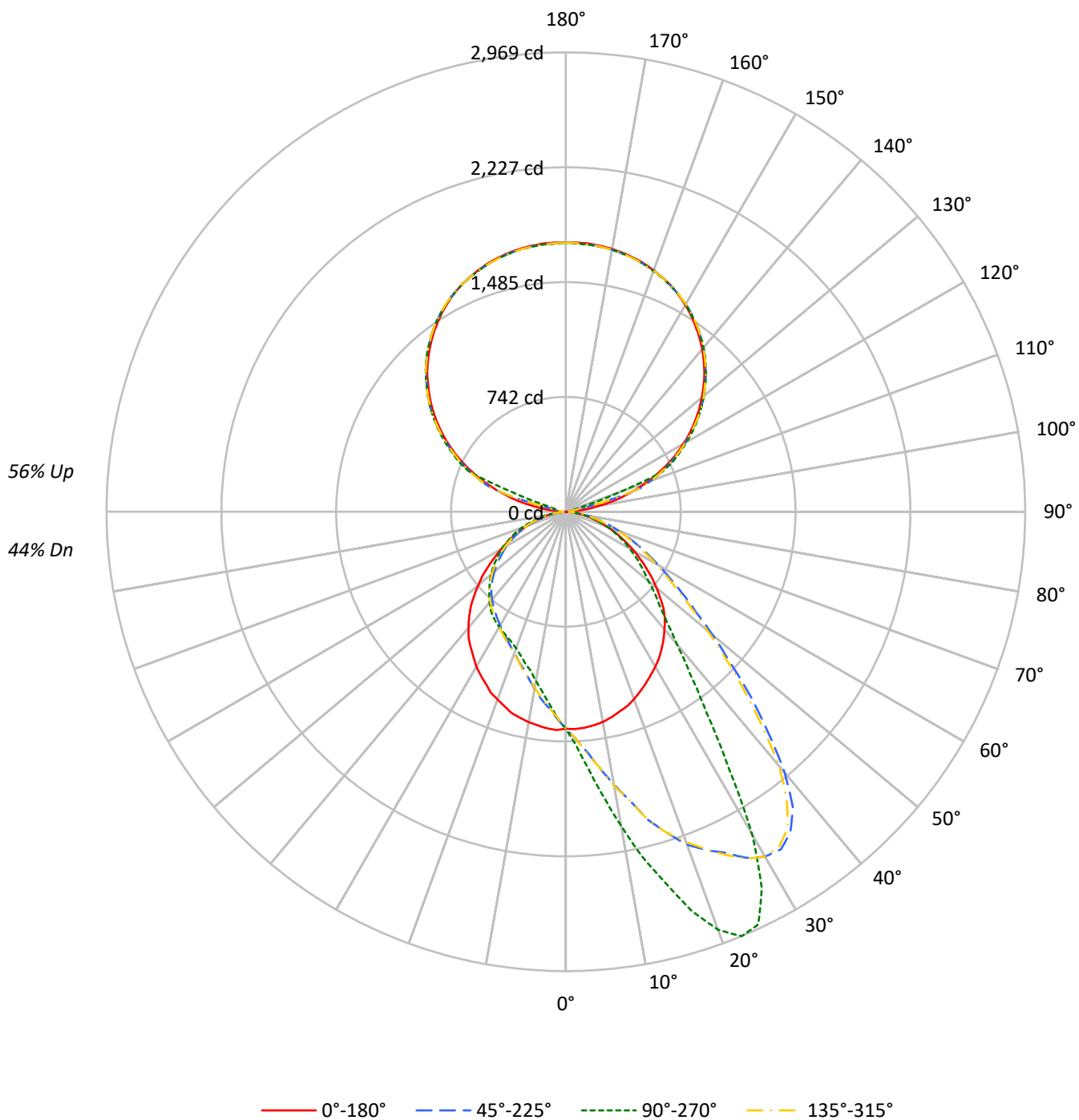
Lumens per Lamp: N/A
Luminaire Lumens: 9537.0 lumens
Efficiency: N/A
Efficacy: 107.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 88.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

Luminous Intensity Polar Plot



TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51			44
1	97	93	89	85	89	85	82	79	71	68	66	58	56	55	45	44	44			38
2	88	81	75	70	81	75	69	65	62	58	55	51	48	46	40	39	37			32
3	81	71	64	59	74	66	60	55	55	50	47	45	42	39	36	34	32			27
4	74	63	56	50	67	58	52	46	49	44	40	40	37	34	32	30	27			24
5	68	56	49	43	62	52	45	40	44	39	34	36	32	29	29	26	24			21
6	62	51	43	37	57	47	40	35	40	34	30	33	29	26	26	23	21			18
7	58	46	38	32	53	42	35	30	36	30	27	30	26	23	24	21	19			16
8	54	41	34	29	49	38	32	27	33	27	24	27	23	20	22	19	17			14
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	20	17	15			13
10	47	35	28	23	43	32	26	21	27	22	19	23	19	16	19	16	14			12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15093	15093	15093	15093
5°	15103	17390	15147	12979
10°	15007	21044	15022	11334
15°	14800	24957	14919	10202
20°	14621	28734	14652	9388
25°	14355	29457	14387	8963
30°	14167	24337	14167	8685
35°	13932	16277	13844	8438
40°	13651	11750	13482	8062
45°	13298	9307	12915	7594
50°	12438	7904	11998	7134
55°	11497	6945	11029	6620
60°	10542	6047	9981	6083
65°	9493	5178	9031	5365
70°	8402	4299	7842	4522
75°	7186	3242	6718	3490
80°	5679	2164	5239	2293
85°	3919	993	3131	904

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 24341 cd/sqm

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.9	1.4
10°-20°	442.9	4.6
20°-30°	745.3	7.8
30°-40°	842.2	8.8
40°-50°	754.3	7.9
50°-60°	608.9	6.4
60°-70°	424.3	4.4
70°-80°	222.7	2.3
80°-90°	56.9	0.6
90°-100°	61.3	0.6
100°-110°	296.5	3.1
110°-120°	726.6	7.6
120°-130°	922.4	9.7
130°-140°	985.3	10.3
140°-150°	921.4	9.7
150°-160°	743.2	7.8
160°-170°	479.6	5.0
170°-180°	165.3	1.7
0°-30°	1326.1	13.9
0°-40°	2168.3	22.7
0°-60°	3531.6	37.0
0°-90°	4235.5	44.4
90°-120°	1084.4	11.4
90°-150°	3913.4	41.0
90°-180°	5302.0	55.6
0°-180°	9537.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1402	1402	1402	1402	1402	
5°	1401	1666	1405	1243	1401	133
15°	1337	2480	1348	1014	1337	378
25°	1223	2943	1226	895	1223	564
35°	1079	1586	1072	822	1079	675
45°	895	856	870	698	895	685
55°	634	582	609	554	634	568
65°	393	378	374	391	393	391
75°	189	194	177	209	189	203
85°	41	45	33	41	41	47
90°	1	39	1	39	1	7
95°	79	49	79	49	79	94
105°	385	57	385	57	385	408
115°	722	760	722	760	722	713
125°	1018	1039	1018	1039	1018	910
135°	1267	1280	1267	1280	1267	976
145°	1462	1477	1462	1477	1462	916
155°	1611	1608	1611	1608	1611	742
165°	1699	1695	1699	1695	1699	480
175°	1739	1733	1739	1733	1739	166
180°	1739	1739	1739	1739	1739	

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2
2.5°	1406.3	1417.1	1422.6	1430.7	1438.9	1451.1	1455.2	1462.0	1459.2	1464.7	1467.4
5°	1400.8	1419.8	1436.1	1456.5	1475.5	1489.1	1502.7	1524.5	1540.8	1543.5	1555.7
7.5°	1391.3	1418.5	1447.0	1475.5	1512.2	1534.0	1558.4	1588.3	1612.8	1652.2	1667.1
10°	1379.1	1417.1	1457.9	1497.3	1547.6	1581.5	1611.4	1661.7	1712.0	1752.7	1790.8
12.5°	1360.1	1407.6	1460.6	1519.0	1584.2	1623.6	1664.4	1731.0	1807.1	1869.6	1910.3
15°	1337.0	1396.7	1464.7	1527.2	1599.2	1672.6	1716.0	1790.8	1899.5	1957.9	2062.5
17.5°	1317.9	1379.1	1447.0	1544.8	1642.7	1716.0	1747.3	1884.5	1959.2	2057.1	2175.3
20°	1288.0	1365.5	1452.5	1550.3	1676.6	1721.5	1785.3	1923.9	2016.3	2144.0	2289.4
22.5°	1256.8	1339.7	1444.3	1546.2	1687.5	1735.1	1822.0	1932.1	2078.8	2205.2	2365.5
25°	1222.8	1312.5	1418.5	1539.4	1678.0	1747.3	1828.8	1964.7	2123.6	2282.6	2430.7
27.5°	1188.9	1286.7	1396.7	1517.7	1652.2	1733.7	1815.2	1956.5	2160.3	2332.9	2521.7
30°	1156.3	1254.1	1364.1	1487.8	1629.1	1707.9	1785.3	1962.0	2188.9	2383.2	2573.4
32.5°	1120.9	1221.5	1337.0	1440.2	1582.9	1667.1	1754.1	1962.0	2206.5	2413.1	2587.0
35°	1078.8	1182.1	1281.3	1384.5	1525.8	1619.6	1717.4	1948.4	2222.8	2422.6	2529.9
37.5°	1038.0	1129.1	1214.7	1315.2	1463.3	1563.9	1676.6	1932.1	2214.7	2381.8	2411.7
40°	991.9	1082.9	1152.2	1245.9	1402.2	1519.0	1633.2	1910.3	2179.4	2285.3	2198.4
42.5°	947.0	1019.0	1078.8	1169.8	1339.7	1453.8	1577.5	1870.9	2110.1	2131.8	1936.1
45°	895.4	947.0	1000.0	1103.3	1271.7	1388.6	1525.8	1813.9	1998.6	1936.1	1688.9
47.5°	828.8	875.0	933.4	1028.5	1199.7	1320.7	1451.1	1740.5	1837.0	1706.5	1436.1
50°	764.9	804.4	858.7	951.1	1123.6	1241.9	1380.4	1625.0	1672.6	1467.4	1237.8
52.5°	701.1	731.0	784.0	876.4	1048.9	1163.0	1289.4	1506.8	1479.6	1259.5	1055.7
55°	634.5	660.3	710.6	801.6	962.0	1070.7	1191.6	1361.4	1290.8	1081.5	918.5
57.5°	569.3	596.5	648.1	724.2	875.0	981.0	1077.4	1210.6	1104.6	937.5	793.5
60°	510.9	534.0	573.4	648.1	785.3	870.9	959.2	1050.3	962.0	800.3	690.2
62.5°	449.7	471.5	508.2	576.1	694.3	770.4	841.0	915.8	817.9	699.7	601.9
65°	392.7	410.3	444.3	506.8	603.3	665.8	722.8	774.5	695.7	587.0	513.6
67.5°	341.0	356.0	384.5	440.2	521.7	566.6	612.8	656.3	589.7	502.7	440.2
70°	285.3	297.6	323.4	364.1	429.3	475.5	509.5	542.1	482.3	413.0	370.9
72.5°	236.4	248.6	264.9	307.1	351.9	380.4	417.1	434.8	400.8	343.8	301.6
75°	188.9	198.4	213.3	240.5	282.6	301.6	324.7	338.3	307.1	269.0	243.2
77.5°	148.1	152.2	163.0	182.1	210.6	232.3	250.0	258.2	236.4	212.0	190.2
80°	104.6	110.1	118.2	134.5	156.3	163.0	173.9	183.4	169.8	148.1	134.5
82.5°	69.3	76.1	80.2	87.0	100.5	108.7	111.4	119.6	107.3	99.2	93.8
85°	40.8	43.5	44.8	48.9	55.7	59.8	63.9	65.2	62.5	61.1	55.7
87.5°	20.4	20.4	20.4	23.1	24.5	27.2	28.5	28.5	28.5	27.2	25.8
90°	1.3	4.2	7.0	9.9	12.8	14.2	16.1	19.8	23.5	27.3	31.0
92.5°	29.7	28.0	26.3	24.6	22.9	22.0	23.3	25.9	28.4	31.0	33.6
95°	78.8	67.0	55.2	43.5	31.7	25.8	27.4	30.6	33.7	36.9	40.1
97.5°	143.4	135.4	127.3	119.3	111.2	107.2	99.9	85.2	70.6	55.9	41.3
100°	218.3	224.1	229.8	235.6	241.3	244.2	221.8	177.0	132.2	87.4	42.6
102.5°	303.6	307.3	311.1	314.8	318.5	320.4	295.4	245.5	195.5	145.6	95.6
105°	385.0	388.2	391.3	394.5	397.6	399.2	386.3	360.4	334.6	308.7	282.9
107.5°	471.6	474.2	476.8	479.3	481.9	483.2	485.4	489.7	494.0	498.3	502.6
110°	558.1	560.4	562.7	565.0	567.3	568.5	570.1	573.2	576.4	579.5	582.7

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	640.8	642.8	644.8	646.9	648.9	649.9	651.5	654.6	657.8	660.9	664.1
115°	722.2	723.9	725.7	727.4	729.1	730.0	731.3	733.9	736.4	739.0	741.6
117.5°	802.3	804.3	806.3	808.4	810.4	811.4	812.1	813.5	815.0	816.4	817.8
120°	876.0	878.6	881.2	883.7	886.3	887.6	888.0	888.9	889.8	890.6	891.5
122.5°	950.9	952.9	954.9	956.9	958.9	959.9	960.5	961.6	962.8	963.9	965.1
125°	1018.1	1020.4	1022.7	1025.0	1027.3	1028.4	1029.0	1030.1	1031.3	1032.4	1033.6
127.5°	1085.3	1087.6	1089.9	1092.2	1094.5	1095.6	1096.3	1097.8	1099.2	1100.7	1102.1
130°	1147.3	1149.6	1151.9	1154.2	1156.5	1157.6	1158.2	1159.3	1160.5	1161.6	1162.8
132.5°	1206.7	1209.0	1211.3	1213.6	1215.9	1217.1	1217.5	1218.4	1219.2	1220.1	1220.9
135°	1267.4	1269.1	1270.9	1272.6	1274.3	1275.2	1275.8	1276.9	1278.1	1279.2	1280.4
137.5°	1319.1	1321.4	1323.7	1326.0	1328.3	1329.5	1329.8	1330.3	1330.9	1331.4	1332.0
140°	1370.8	1372.5	1374.2	1375.9	1377.6	1378.5	1378.9	1379.8	1380.7	1381.5	1382.4
142.5°	1418.6	1420.3	1422.1	1423.8	1425.5	1426.4	1426.8	1427.7	1428.5	1429.4	1430.2
145°	1462.5	1464.5	1466.5	1468.6	1470.6	1471.6	1471.9	1472.5	1473.0	1473.6	1474.2
147.5°	1505.2	1506.6	1508.0	1509.5	1510.9	1511.6	1511.9	1512.5	1513.0	1513.6	1514.2
150°	1543.9	1544.8	1545.6	1546.5	1547.4	1547.8	1548.1	1548.7	1549.2	1549.8	1550.4
152.5°	1578.8	1579.1	1579.4	1579.7	1580.0	1580.1	1580.2	1580.5	1580.8	1581.1	1581.4
155°	1611.1	1610.5	1609.9	1609.4	1608.8	1608.5	1608.6	1608.9	1609.2	1609.5	1609.8
157.5°	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.8	1636.5	1636.2	1636.0	1635.7
160°	1660.2	1659.9	1659.6	1659.3	1659.0	1658.9	1658.8	1658.5	1658.2	1657.9	1657.6
162.5°	1682.2	1681.3	1680.5	1679.6	1678.7	1678.3	1678.2	1677.9	1677.6	1677.3	1677.0
165°	1699.0	1698.1	1697.3	1696.4	1695.5	1695.1	1695.0	1694.7	1694.4	1694.1	1693.8
167.5°	1713.2	1712.0	1710.9	1709.7	1708.6	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0
170°	1724.8	1723.6	1722.5	1721.3	1720.2	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6
172.5°	1732.6	1731.2	1729.7	1728.3	1726.8	1726.1	1726.2	1726.5	1726.8	1727.1	1727.4
175°	1739.0	1737.6	1736.2	1734.7	1733.3	1732.6	1732.7	1733.0	1733.3	1733.5	1733.8
177.5°	1741.6	1740.2	1738.7	1737.3	1735.8	1735.1	1735.2	1735.5	1735.8	1736.1	1736.4
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2
2.5°	1476.9	1479.6	1489.1	1495.9	1509.5	1508.2	1508.2	1506.8	1502.7	1509.5	1513.6
5°	1580.2	1603.3	1606.0	1635.9	1637.2	1649.5	1657.6	1650.8	1667.1	1665.8	1653.5
7.5°	1707.9	1739.1	1754.1	1782.6	1815.2	1807.1	1838.3	1843.8	1841.0	1854.6	1864.1
10°	1847.8	1902.2	1940.2	1993.2	2006.8	2015.0	2035.3	2053.0	2088.3	2061.1	2078.8
12.5°	2008.2	2047.6	2097.8	2182.1	2224.2	2251.4	2260.9	2273.1	2297.6	2282.6	2284.0
15°	2142.7	2195.7	2281.3	2385.9	2398.1	2432.1	2423.9	2497.3	2532.6	2479.6	2509.5
17.5°	2282.6	2353.3	2455.2	2546.2	2597.8	2620.9	2642.7	2713.3	2710.6	2702.5	2709.2
20°	2372.3	2487.8	2614.1	2735.1	2750.0	2767.7	2826.1	2856.0	2850.6	2873.7	2888.6
22.5°	2498.6	2620.9	2755.4	2835.6	2869.6	2890.0	2936.2	2955.2	2963.3	2968.8	2959.2
25°	2604.6	2735.1	2834.2	2904.9	2925.3	2936.2	2951.1	2956.5	2952.5	2942.9	2951.1
27.5°	2676.6	2781.3	2849.2	2881.8	2870.9	2853.3	2824.7	2805.7	2763.6	2743.2	2767.7
30°	2706.5	2752.7	2773.1	2718.8	2664.4	2620.9	2566.6	2466.0	2387.2	2410.3	2379.1
32.5°	2659.0	2629.1	2531.3	2391.3	2349.2	2278.5	2125.0	2006.8	2010.9	1948.4	1974.2
35°	2519.0	2383.2	2198.4	1986.4	1930.7	1892.7	1724.2	1698.4	1644.0	1585.6	1601.9
37.5°	2271.7	2073.4	1849.2	1692.9	1610.1	1527.2	1432.1	1375.0	1342.4	1317.9	1337.0
40°	1970.1	1728.3	1543.5	1403.5	1332.9	1279.9	1214.7	1157.6	1120.9	1116.9	1123.6
42.5°	1673.9	1470.1	1300.3	1167.1	1144.0	1081.5	1039.4	994.6	983.7	966.0	975.5
45°	1417.1	1251.4	1111.4	1002.7	975.5	959.2	907.6	879.1	866.9	856.0	872.3
47.5°	1231.0	1057.1	955.2	889.9	862.8	835.6	807.1	788.0	778.5	779.9	778.5
50°	1051.6	923.9	834.2	784.0	767.7	748.6	725.5	713.3	709.2	697.0	706.5
52.5°	904.9	812.5	750.0	702.4	690.2	676.6	657.6	650.8	641.3	638.6	638.6
55°	786.7	714.7	664.4	633.2	618.2	607.3	596.5	588.3	581.5	581.5	581.5
57.5°	694.3	631.8	595.1	567.9	562.5	551.6	539.4	539.4	529.9	528.5	532.6
60°	615.5	559.8	531.3	508.2	500.0	497.3	485.1	485.1	482.3	475.5	481.0
62.5°	535.3	494.6	470.1	452.4	444.3	444.3	434.8	428.0	428.0	429.3	426.6
65°	462.0	432.1	410.3	396.7	392.7	387.2	385.9	380.4	376.4	377.7	376.4
67.5°	396.7	373.6	358.7	347.8	341.0	338.3	334.2	334.2	331.5	332.9	326.1
70°	338.3	315.2	303.0	292.1	289.4	289.4	284.0	285.3	282.6	286.7	284.0
72.5°	278.5	260.9	251.4	247.3	244.6	243.2	240.5	237.8	236.4	239.1	237.8
75°	225.5	210.6	203.8	201.1	198.4	198.4	197.0	195.7	194.3	194.3	194.3
77.5°	175.3	165.8	157.6	160.3	156.3	157.6	153.5	153.5	154.9	153.5	153.5
80°	129.1	122.3	122.3	119.6	114.1	116.8	116.8	112.8	111.4	114.1	110.1
82.5°	85.6	84.2	81.5	80.2	77.4	78.8	77.4	76.1	74.7	77.4	74.7
85°	50.3	50.3	48.9	46.2	48.9	47.6	46.2	46.2	44.8	44.8	44.8
87.5°	25.8	23.1	23.1	21.7	23.1	20.4	21.7	20.4	19.0	20.4	19.0
90°	32.2	33.3	34.5	35.6	36.2	36.5	37.1	37.6	38.2	38.8	38.2
92.5°	35.6	37.6	39.6	41.6	42.6	42.7	43.0	43.3	43.6	43.9	43.6
95°	42.1	44.1	46.1	48.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
97.5°	43.6	45.9	48.2	50.5	51.7	51.8	52.1	52.4	52.7	53.0	52.7
100°	44.9	47.2	49.5	51.8	53.0	53.1	53.4	53.7	54.0	54.3	54.0
102.5°	86.1	76.7	67.2	57.7	53.0	53.3	53.9	54.4	55.0	55.6	55.0
105°	232.1	181.3	130.5	79.7	54.3	54.6	55.1	55.7	56.2	56.8	56.2
107.5°	458.4	414.2	369.9	325.7	303.6	284.8	247.2	209.6	172.0	134.4	172.0
110°	573.2	563.7	554.2	544.7	540.0	519.5	478.4	437.4	396.3	355.3	396.3

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	666.7	669.3	671.8	674.4	675.7	675.4	674.8	674.3	673.7	673.1	673.7
115°	744.5	747.3	750.2	753.1	754.5	755.1	756.2	757.4	758.5	759.7	758.5
117.5°	820.1	822.4	824.7	827.0	828.2	828.3	828.6	828.9	829.2	829.5	829.2
120°	893.8	896.1	898.4	900.7	901.8	901.8	901.8	901.8	901.8	901.8	901.8
122.5°	966.5	968.0	969.4	970.9	971.6	971.7	972.0	972.3	972.6	972.9	972.6
125°	1034.2	1034.8	1035.3	1035.9	1036.2	1036.5	1037.1	1037.6	1038.2	1038.8	1038.2
127.5°	1102.9	1103.8	1104.6	1105.5	1105.9	1105.6	1105.1	1104.5	1104.0	1103.4	1104.0
130°	1164.0	1165.1	1166.3	1167.4	1168.0	1167.7	1167.1	1166.6	1166.0	1165.4	1166.0
132.5°	1222.1	1223.2	1224.4	1225.5	1226.1	1225.7	1224.8	1223.9	1223.1	1222.2	1223.1
135°	1281.2	1282.1	1282.9	1283.8	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1281.2
137.5°	1333.4	1334.9	1336.3	1337.8	1338.5	1338.2	1337.6	1337.1	1336.5	1335.9	1336.5
140°	1383.6	1384.7	1385.9	1387.0	1387.6	1387.3	1386.7	1386.2	1385.6	1385.0	1385.6
142.5°	1431.1	1431.9	1432.8	1433.7	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1431.1
145°	1474.8	1475.3	1475.9	1476.4	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
147.5°	1514.8	1515.4	1515.9	1516.5	1516.8	1516.1	1514.6	1513.2	1511.7	1510.3	1511.7
150°	1551.0	1551.6	1552.1	1552.7	1553.0	1552.6	1551.7	1550.8	1550.0	1549.1	1550.0
152.5°	1582.6	1583.7	1584.9	1586.0	1586.6	1585.9	1584.4	1583.0	1581.5	1580.1	1581.5
155°	1611.2	1612.7	1614.1	1615.6	1616.3	1615.4	1613.7	1612.0	1610.2	1608.5	1610.2
157.5°	1637.4	1639.1	1640.8	1642.5	1643.4	1642.3	1640.0	1637.7	1635.4	1633.1	1635.4
160°	1659.3	1661.1	1662.8	1664.5	1665.4	1664.4	1662.4	1660.3	1658.3	1656.3	1658.3
162.5°	1679.0	1681.0	1683.0	1685.0	1686.0	1685.1	1683.4	1681.7	1680.0	1678.3	1680.0
165°	1696.1	1698.4	1700.7	1703.0	1704.1	1703.1	1701.1	1699.1	1697.1	1695.1	1697.1
167.5°	1710.3	1712.6	1714.9	1717.2	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1710.3
170°	1721.9	1724.2	1726.5	1728.8	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1721.9
172.5°	1729.7	1732.0	1734.3	1736.6	1737.7	1736.4	1733.8	1731.3	1728.7	1726.1	1728.7
175°	1735.8	1737.8	1739.9	1741.9	1742.9	1741.8	1739.5	1737.2	1734.9	1732.6	1734.9
177.5°	1738.7	1741.0	1743.3	1745.6	1746.8	1745.4	1742.5	1739.6	1736.7	1733.8	1736.7
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2
2.5°	1502.7	1506.8	1495.9	1493.2	1493.2	1498.6	1494.6	1457.9	1464.7	1456.5	1453.8
5°	1668.5	1660.3	1649.5	1644.0	1637.2	1618.2	1616.9	1574.7	1566.6	1539.4	1527.2
7.5°	1850.5	1843.8	1811.1	1807.1	1804.4	1786.7	1741.9	1697.0	1664.4	1633.2	1603.3
10°	2058.4	2038.1	2023.1	1993.2	1978.3	1953.8	1895.4	1853.3	1797.6	1750.0	1687.5
12.5°	2308.4	2285.3	2235.1	2213.3	2194.3	2126.4	2067.9	2020.4	1911.7	1879.1	1801.6
15°	2491.9	2442.9	2437.5	2390.0	2387.2	2312.5	2201.1	2149.5	2065.2	1945.7	1865.5
17.5°	2690.2	2646.7	2612.8	2555.7	2547.6	2476.9	2395.4	2269.0	2176.6	2062.5	1960.6
20°	2835.6	2812.5	2754.1	2731.0	2683.4	2623.6	2539.4	2383.2	2270.4	2156.3	2031.3
22.5°	2951.1	2928.0	2881.8	2850.6	2823.4	2745.9	2645.4	2512.2	2357.3	2207.9	2078.8
25°	2949.7	2942.9	2923.9	2909.0	2888.6	2831.5	2747.3	2619.6	2447.0	2282.6	2103.3
27.5°	2782.6	2801.6	2834.2	2850.6	2846.5	2838.3	2790.8	2683.4	2528.5	2332.9	2131.8
30°	2434.8	2504.1	2565.2	2646.7	2671.2	2731.0	2758.2	2697.0	2573.4	2391.3	2168.5
32.5°	2019.0	2119.6	2252.7	2297.6	2375.0	2490.5	2619.6	2642.7	2565.2	2425.3	2191.6
35°	1656.3	1739.1	1842.4	1913.0	1982.3	2169.8	2332.9	2474.2	2500.0	2407.6	2186.1
37.5°	1370.9	1429.4	1520.4	1580.2	1644.0	1804.4	2032.6	2216.0	2345.1	2347.8	2171.2
40°	1164.4	1190.2	1269.0	1312.5	1373.6	1512.2	1716.0	1955.2	2144.0	2231.0	2131.8
42.5°	986.4	1020.4	1085.6	1118.2	1157.6	1278.5	1413.0	1640.0	1873.6	2059.8	2058.4
45°	880.4	904.9	934.8	962.0	1006.8	1078.8	1232.3	1402.2	1626.4	1837.0	1919.8
47.5°	786.7	809.8	839.7	847.8	877.7	945.7	1039.4	1187.5	1396.7	1606.0	1762.2
50°	707.9	726.9	747.3	762.2	775.8	831.5	902.2	1027.2	1194.3	1396.7	1591.0
52.5°	646.7	660.3	678.0	686.1	698.4	739.1	793.5	885.9	1023.1	1207.9	1396.7
55°	589.7	599.2	610.1	623.6	629.1	659.0	701.1	779.9	881.8	1047.6	1226.9
57.5°	536.7	540.8	547.6	555.7	562.5	588.3	625.0	678.0	767.7	895.4	1065.2
60°	476.9	487.8	491.8	500.0	504.1	524.5	553.0	597.8	667.1	777.2	904.9
62.5°	426.6	433.4	440.2	444.3	453.8	460.6	483.7	524.5	581.5	663.0	778.5
65°	381.8	384.5	388.6	392.7	395.4	403.5	425.3	452.4	495.9	567.9	657.6
67.5°	330.2	332.9	338.3	339.7	342.4	353.3	365.5	388.6	425.3	479.6	553.0
70°	279.9	284.0	286.7	289.4	293.5	297.6	311.1	330.2	358.7	396.7	453.8
72.5°	236.4	240.5	240.5	243.2	241.8	247.3	260.9	274.5	293.5	324.7	375.0
75°	192.9	192.9	195.7	197.0	198.4	203.8	209.2	220.1	235.1	259.5	290.8
77.5°	152.2	150.8	153.5	153.5	153.5	157.6	163.0	168.5	178.0	195.7	220.1
80°	111.4	111.4	114.1	115.5	112.8	114.1	116.8	122.3	129.1	141.3	154.9
82.5°	73.4	78.8	77.4	78.8	77.4	80.2	81.5	82.9	85.6	91.0	100.5
85°	44.8	44.8	44.8	46.2	44.8	46.2	46.2	46.2	47.6	50.3	54.3
87.5°	19.0	19.0	19.0	20.4	19.0	19.0	20.4	19.0	20.4	20.4	21.7
90°	37.6	37.1	36.5	36.2	35.6	34.5	33.3	32.2	31.0	27.3	23.5
92.5°	43.3	43.0	42.7	42.6	41.6	39.6	37.6	35.6	33.6	31.0	28.4
95°	49.1	49.1	49.1	49.1	48.1	46.1	44.1	42.1	40.1	36.9	33.7
97.5°	52.4	52.1	51.8	51.7	50.5	48.2	45.9	43.6	41.3	55.9	70.6
100°	53.7	53.4	53.1	53.0	51.8	49.5	47.2	44.9	42.6	87.4	132.2
102.5°	54.4	53.9	53.3	53.0	57.7	67.2	76.7	86.1	95.6	145.6	195.5
105°	55.7	55.1	54.6	54.3	79.7	130.5	181.3	232.1	282.9	308.7	334.6
107.5°	209.6	247.2	284.8	303.6	325.7	369.9	414.2	458.4	502.6	498.3	494.0
110°	437.4	478.4	519.5	540.0	544.7	554.2	563.7	573.2	582.7	579.5	576.4

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	674.3	674.8	675.4	675.7	674.4	671.8	669.3	666.7	664.1	660.9	657.8
115°	757.4	756.2	755.1	754.5	753.1	750.2	747.3	744.5	741.6	739.0	736.4
117.5°	828.9	828.6	828.3	828.2	827.0	824.7	822.4	820.1	817.8	816.4	815.0
120°	901.8	901.8	901.8	901.8	900.7	898.4	896.1	893.8	891.5	890.6	889.8
122.5°	972.3	972.0	971.7	971.6	970.9	969.4	968.0	966.5	965.1	963.9	962.8
125°	1037.6	1037.1	1036.5	1036.2	1035.9	1035.3	1034.8	1034.2	1033.6	1032.4	1031.3
127.5°	1104.5	1105.1	1105.6	1105.9	1105.5	1104.6	1103.8	1102.9	1102.1	1100.7	1099.2
130°	1166.6	1167.1	1167.7	1168.0	1167.4	1166.3	1165.1	1164.0	1162.8	1161.6	1160.5
132.5°	1223.9	1224.8	1225.7	1226.1	1225.5	1224.4	1223.2	1222.1	1220.9	1220.1	1219.2
135°	1282.1	1282.9	1283.8	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1279.2	1278.1
137.5°	1337.1	1337.6	1338.2	1338.5	1337.8	1336.3	1334.9	1333.4	1332.0	1331.4	1330.9
140°	1386.2	1386.7	1387.3	1387.6	1387.0	1385.9	1384.7	1383.6	1382.4	1381.5	1380.7
142.5°	1431.9	1432.8	1433.7	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1429.4	1428.5
145°	1476.7	1476.7	1476.7	1476.7	1476.4	1475.9	1475.3	1474.8	1474.2	1473.6	1473.0
147.5°	1513.2	1514.6	1516.1	1516.8	1516.5	1515.9	1515.4	1514.8	1514.2	1513.6	1513.0
150°	1550.8	1551.7	1552.6	1553.0	1552.7	1552.1	1551.6	1551.0	1550.4	1549.8	1549.2
152.5°	1583.0	1584.4	1585.9	1586.6	1586.0	1584.9	1583.7	1582.6	1581.4	1581.1	1580.8
155°	1612.0	1613.7	1615.4	1616.3	1615.6	1614.1	1612.7	1611.2	1609.8	1609.5	1609.2
157.5°	1637.7	1640.0	1642.3	1643.4	1642.5	1640.8	1639.1	1637.4	1635.7	1636.0	1636.2
160°	1660.3	1662.4	1664.4	1665.4	1664.5	1662.8	1661.1	1659.3	1657.6	1657.9	1658.2
162.5°	1681.7	1683.4	1685.1	1686.0	1685.0	1683.0	1681.0	1679.0	1677.0	1677.3	1677.6
165°	1699.1	1701.1	1703.1	1704.1	1703.0	1700.7	1698.4	1696.1	1693.8	1694.1	1694.4
167.5°	1712.6	1714.9	1717.2	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1708.0	1708.0
170°	1724.2	1726.5	1728.8	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1719.6	1719.6
172.5°	1731.3	1733.8	1736.4	1737.7	1736.6	1734.3	1732.0	1729.7	1727.4	1727.1	1726.8
175°	1737.2	1739.5	1741.8	1742.9	1741.9	1739.9	1737.8	1735.8	1733.8	1733.5	1733.3
177.5°	1739.6	1742.5	1745.4	1746.8	1745.6	1743.3	1741.0	1738.7	1736.4	1736.1	1735.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2
2.5°	1440.2	1436.1	1436.1	1433.4	1425.3	1410.3	1409.0	1411.7	1403.5	1395.4	1383.2
5°	1510.9	1485.1	1476.9	1468.8	1452.5	1425.3	1414.4	1404.9	1390.0	1372.3	1353.3
7.5°	1570.7	1534.0	1523.1	1508.2	1475.5	1437.5	1413.0	1392.7	1372.3	1347.8	1324.7
10°	1645.4	1592.4	1566.6	1544.8	1500.0	1447.0	1410.3	1380.4	1347.8	1317.9	1288.0
12.5°	1729.6	1644.0	1635.9	1582.9	1531.3	1452.5	1407.6	1364.1	1320.7	1284.0	1252.7
15°	1800.3	1706.5	1672.6	1637.2	1538.0	1440.2	1396.7	1347.8	1297.6	1258.2	1212.0
17.5°	1845.1	1767.7	1695.7	1648.1	1544.8	1457.9	1373.6	1317.9	1264.9	1210.6	1172.6
20°	1899.5	1786.7	1724.2	1660.3	1558.4	1444.3	1360.1	1290.8	1225.5	1176.6	1130.4
22.5°	1953.8	1801.6	1750.0	1680.7	1561.1	1430.7	1335.6	1266.3	1191.6	1142.7	1092.4
25°	1948.4	1823.4	1737.8	1679.4	1534.0	1418.5	1307.1	1225.5	1156.3	1093.8	1043.5
27.5°	1952.5	1798.9	1712.0	1644.0	1515.0	1400.8	1277.2	1191.6	1119.6	1054.4	1001.4
30°	1953.8	1762.2	1686.1	1604.6	1479.6	1358.7	1243.2	1156.3	1080.2	1009.5	962.0
32.5°	1949.7	1732.3	1637.2	1563.9	1423.9	1317.9	1203.8	1111.4	1034.0	968.8	923.9
35°	1940.2	1697.0	1587.0	1494.6	1366.9	1259.5	1167.1	1072.0	989.1	929.4	877.7
37.5°	1914.4	1659.0	1534.0	1442.9	1300.3	1191.6	1110.1	1031.3	951.1	880.4	837.0
40°	1895.4	1607.3	1481.0	1381.8	1228.3	1122.3	1054.4	979.6	900.8	837.0	794.8
42.5°	1851.9	1558.4	1426.6	1308.4	1157.6	1048.9	985.1	925.3	857.3	794.8	756.8
45°	1781.3	1505.4	1360.1	1240.5	1080.2	976.9	918.5	869.6	809.8	750.0	712.0
47.5°	1682.1	1429.4	1289.4	1169.8	1004.1	899.5	841.0	804.4	756.8	706.5	673.9
50°	1574.7	1346.5	1217.4	1099.2	930.7	828.8	771.7	737.8	706.5	660.3	629.1
52.5°	1434.8	1258.2	1134.5	1021.7	851.9	754.1	703.8	679.4	646.7	614.1	587.0
55°	1298.9	1144.0	1042.1	934.8	774.5	683.4	634.5	608.7	589.7	562.5	540.8
57.5°	1141.3	1038.0	944.3	846.5	702.4	619.6	573.4	542.1	529.9	517.7	497.3
60°	995.9	917.1	841.0	759.5	627.7	553.0	508.2	483.7	471.5	463.3	449.7
62.5°	862.8	801.6	736.4	671.2	551.6	483.7	449.7	425.3	414.4	413.0	400.8
65°	735.1	691.6	638.6	574.7	481.0	421.2	388.6	373.6	361.4	361.4	351.9
67.5°	607.3	577.4	535.3	490.5	417.1	361.4	331.5	317.9	311.1	311.1	304.3
70°	505.4	485.1	447.0	407.6	343.8	301.6	278.5	266.3	262.2	263.6	258.2
72.5°	410.3	388.6	357.3	328.8	281.3	250.0	233.7	220.1	213.3	214.7	213.3
75°	317.9	307.1	279.9	258.2	220.1	198.4	183.4	176.6	171.2	172.6	169.8
77.5°	239.1	222.8	207.9	192.9	169.8	152.2	139.9	133.2	129.1	129.1	129.1
80°	163.0	160.3	148.1	139.9	120.9	107.3	97.8	96.5	92.4	92.4	92.4
82.5°	106.0	99.2	92.4	87.0	76.1	67.9	63.9	61.1	59.8	58.4	61.1
85°	58.4	54.3	51.6	46.2	42.1	38.0	34.0	32.6	31.3	32.6	31.3
87.5°	23.1	19.0	19.0	17.7	16.3	14.9	14.9	12.2	12.2	10.9	10.9
90°	19.8	16.1	14.2	12.8	9.9	7.0	4.2	1.3	4.2	7.0	9.9
92.5°	25.9	23.3	22.0	22.9	24.6	26.3	28.0	29.7	28.0	26.3	24.6
95°	30.6	27.4	25.8	31.7	43.5	55.2	67.0	78.8	67.0	55.2	43.5
97.5°	85.2	99.9	107.2	111.2	119.3	127.3	135.4	143.4	135.4	127.3	119.3
100°	177.0	221.8	244.2	241.3	235.6	229.8	224.1	218.3	224.1	229.8	235.6
102.5°	245.5	295.4	320.4	318.5	314.8	311.1	307.3	303.6	307.3	311.1	314.8
105°	360.4	386.3	399.2	397.6	394.5	391.3	388.2	385.0	388.2	391.3	394.5
107.5°	489.7	485.4	483.2	481.9	479.3	476.8	474.2	471.6	474.2	476.8	479.3
110°	573.2	570.1	568.5	567.3	565.0	562.7	560.4	558.1	560.4	562.7	565.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	654.6	651.5	649.9	648.9	646.9	644.8	642.8	640.8	642.8	644.8	646.9
115°	733.9	731.3	730.0	729.1	727.4	725.7	723.9	722.2	723.9	725.7	727.4
117.5°	813.5	812.1	811.4	810.4	808.4	806.3	804.3	802.3	804.3	806.3	808.4
120°	888.9	888.0	887.6	886.3	883.7	881.2	878.6	876.0	878.6	881.2	883.7
122.5°	961.6	960.5	959.9	958.9	956.9	954.9	952.9	950.9	952.9	954.9	956.9
125°	1030.1	1029.0	1028.4	1027.3	1025.0	1022.7	1020.4	1018.1	1020.4	1022.7	1025.0
127.5°	1097.8	1096.3	1095.6	1094.5	1092.2	1089.9	1087.6	1085.3	1087.6	1089.9	1092.2
130°	1159.3	1158.2	1157.6	1156.5	1154.2	1151.9	1149.6	1147.3	1149.6	1151.9	1154.2
132.5°	1218.4	1217.5	1217.1	1215.9	1213.6	1211.3	1209.0	1206.7	1209.0	1211.3	1213.6
135°	1276.9	1275.8	1275.2	1274.3	1272.6	1270.9	1269.1	1267.4	1269.1	1270.9	1272.6
137.5°	1330.3	1329.8	1329.5	1328.3	1326.0	1323.7	1321.4	1319.1	1321.4	1323.7	1326.0
140°	1379.8	1378.9	1378.5	1377.6	1375.9	1374.2	1372.5	1370.8	1372.5	1374.2	1375.9
142.5°	1427.7	1426.8	1426.4	1425.5	1423.8	1422.1	1420.3	1418.6	1420.3	1422.1	1423.8
145°	1472.5	1471.9	1471.6	1470.6	1468.6	1466.5	1464.5	1462.5	1464.5	1466.5	1468.6
147.5°	1512.5	1511.9	1511.6	1510.9	1509.5	1508.0	1506.6	1505.2	1506.6	1508.0	1509.5
150°	1548.7	1548.1	1547.8	1547.4	1546.5	1545.6	1544.8	1543.9	1544.8	1545.6	1546.5
152.5°	1580.5	1580.2	1580.1	1580.0	1579.7	1579.4	1579.1	1578.8	1579.1	1579.4	1579.7
155°	1608.9	1608.6	1608.5	1608.8	1609.4	1609.9	1610.5	1611.1	1610.5	1609.9	1609.4
157.5°	1636.5	1636.8	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9
160°	1658.5	1658.8	1658.9	1659.0	1659.3	1659.6	1659.9	1660.2	1659.9	1659.6	1659.3
162.5°	1677.9	1678.2	1678.3	1678.7	1679.6	1680.5	1681.3	1682.2	1681.3	1680.5	1679.6
165°	1694.7	1695.0	1695.1	1695.5	1696.4	1697.3	1698.1	1699.0	1698.1	1697.3	1696.4
167.5°	1708.0	1708.0	1708.0	1708.6	1709.7	1710.9	1712.0	1713.2	1712.0	1710.9	1709.7
170°	1719.6	1719.6	1719.6	1720.2	1721.3	1722.5	1723.6	1724.8	1723.6	1722.5	1721.3
172.5°	1726.5	1726.2	1726.1	1726.8	1728.3	1729.7	1731.2	1732.6	1731.2	1729.7	1728.3
175°	1733.0	1732.7	1732.6	1733.3	1734.7	1736.2	1737.6	1739.0	1737.6	1736.2	1734.7
177.5°	1735.5	1735.2	1735.1	1735.8	1737.3	1738.7	1740.2	1741.6	1740.2	1738.7	1737.3
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2
2.5°	1380.4	1379.1	1381.8	1373.6	1360.1	1353.3	1334.2	1330.2	1328.8	1330.2	1331.5
5°	1342.4	1341.0	1337.0	1323.4	1307.1	1294.8	1271.7	1270.4	1262.2	1254.1	1258.2
7.5°	1305.7	1300.3	1292.1	1274.5	1252.7	1239.1	1220.1	1206.5	1195.7	1188.9	1183.4
10°	1269.0	1260.9	1252.7	1229.6	1202.4	1182.1	1159.0	1148.1	1135.9	1130.4	1125.0
12.5°	1221.5	1213.3	1198.4	1171.2	1154.9	1129.1	1106.0	1095.1	1088.3	1077.4	1070.7
15°	1183.4	1167.1	1159.0	1130.4	1096.5	1093.8	1051.6	1048.9	1035.3	1035.3	1024.5
17.5°	1139.9	1127.7	1112.8	1084.2	1059.8	1035.3	1013.6	1005.4	993.2	990.5	985.1
20°	1097.8	1081.5	1076.1	1047.6	1021.7	991.9	968.8	960.6	955.2	949.7	953.8
22.5°	1054.4	1040.8	1027.2	1001.4	982.3	952.4	938.9	930.7	922.6	919.8	921.2
25°	1012.2	1000.0	986.4	960.6	940.2	915.8	903.5	899.5	895.4	895.4	894.0
27.5°	971.5	959.2	947.0	923.9	903.5	885.9	876.4	872.3	868.2	870.9	873.6
30°	929.4	918.5	907.6	887.2	870.9	854.6	849.2	846.5	845.1	851.9	851.9
32.5°	891.3	881.8	873.6	854.6	838.3	824.7	820.7	822.0	823.4	827.4	830.2
35°	851.9	845.1	837.0	820.7	807.1	794.8	796.2	796.2	798.9	805.7	811.1
37.5°	816.6	807.1	800.3	786.7	775.8	764.9	769.0	773.1	775.8	784.0	786.7
40°	774.5	770.4	764.9	751.4	741.9	740.5	741.9	744.6	750.0	754.1	758.2
42.5°	740.5	735.1	728.3	717.4	709.2	710.6	712.0	714.7	717.4	724.2	728.3
45°	702.4	698.4	692.9	683.4	676.6	678.0	679.4	679.4	682.1	690.2	692.9
47.5°	660.3	661.7	654.9	645.4	641.3	641.3	641.3	644.0	650.8	653.5	654.9
50°	619.6	616.8	615.5	606.0	603.3	601.9	603.3	604.6	614.1	612.8	616.8
52.5°	576.1	576.1	574.7	569.3	565.2	565.2	562.5	569.3	572.0	574.7	578.8
55°	534.0	529.9	528.5	525.8	520.4	519.0	521.7	529.9	532.6	535.3	539.4
57.5°	487.8	487.8	485.1	481.0	481.0	481.0	481.0	486.4	490.5	493.2	501.4
60°	445.7	440.2	436.1	436.1	436.1	434.8	442.9	442.9	451.1	452.4	455.2
62.5°	395.4	392.7	389.9	391.3	389.9	392.7	395.4	400.8	402.2	406.3	410.3
65°	347.8	347.8	345.1	353.3	347.8	347.8	354.6	354.6	357.3	361.4	366.8
67.5°	301.6	303.0	300.3	300.3	303.0	304.3	305.7	311.1	312.5	317.9	324.7
70°	254.1	256.8	258.2	255.4	258.2	260.9	263.6	264.9	270.4	273.1	277.2
72.5°	212.0	214.7	210.6	212.0	213.3	216.0	217.4	220.1	222.8	231.0	233.7
75°	169.8	168.5	167.1	172.6	169.8	175.3	176.6	176.6	179.3	186.1	188.9
77.5°	130.4	130.4	131.8	129.1	133.2	131.8	133.2	137.2	141.3	141.3	152.2
80°	91.0	93.8	93.8	93.8	95.1	96.5	93.8	100.5	101.9	101.9	106.0
82.5°	58.4	59.8	58.4	61.1	61.1	63.9	62.5	63.9	66.6	69.3	70.7
85°	31.3	31.3	34.0	34.0	32.6	34.0	32.6	34.0	36.7	36.7	38.0
87.5°	10.9	10.9	10.9	10.9	12.2	10.9	12.2	12.2	10.9	10.9	14.9
90°	12.8	14.2	16.1	19.8	23.5	27.3	31.0	32.2	33.3	34.5	35.6
92.5°	22.9	22.0	23.3	25.9	28.4	31.0	33.6	35.6	37.6	39.6	41.6
95°	31.7	25.8	27.4	30.6	33.7	36.9	40.1	42.1	44.1	46.1	48.1
97.5°	111.2	107.2	99.9	85.2	70.6	55.9	41.3	43.6	45.9	48.2	50.5
100°	241.3	244.2	221.8	177.0	132.2	87.4	42.6	44.9	47.2	49.5	51.8
102.5°	318.5	320.4	295.4	245.5	195.5	145.6	95.6	86.1	76.7	67.2	57.7
105°	397.6	399.2	386.3	360.4	334.6	308.7	282.9	232.1	181.3	130.5	79.7
107.5°	481.9	483.2	485.4	489.7	494.0	498.3	502.6	458.4	414.2	369.9	325.7
110°	567.3	568.5	570.1	573.2	576.4	579.5	582.7	573.2	563.7	554.2	544.7

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	648.9	649.9	651.5	654.6	657.8	660.9	664.1	666.7	669.3	671.8	674.4
115°	729.1	730.0	731.3	733.9	736.4	739.0	741.6	744.5	747.3	750.2	753.1
117.5°	810.4	811.4	812.1	813.5	815.0	816.4	817.8	820.1	822.4	824.7	827.0
120°	886.3	887.6	888.0	888.9	889.8	890.6	891.5	893.8	896.1	898.4	900.7
122.5°	958.9	959.9	960.5	961.6	962.8	963.9	965.1	966.5	968.0	969.4	970.9
125°	1027.3	1028.4	1029.0	1030.1	1031.3	1032.4	1033.6	1034.2	1034.8	1035.3	1035.9
127.5°	1094.5	1095.6	1096.3	1097.8	1099.2	1100.7	1102.1	1102.9	1103.8	1104.6	1105.5
130°	1156.5	1157.6	1158.2	1159.3	1160.5	1161.6	1162.8	1164.0	1165.1	1166.3	1167.4
132.5°	1215.9	1217.1	1217.5	1218.4	1219.2	1220.1	1220.9	1222.1	1223.2	1224.4	1225.5
135°	1274.3	1275.2	1275.8	1276.9	1278.1	1279.2	1280.4	1281.2	1282.1	1282.9	1283.8
137.5°	1328.3	1329.5	1329.8	1330.3	1330.9	1331.4	1332.0	1333.4	1334.9	1336.3	1337.8
140°	1377.6	1378.5	1378.9	1379.8	1380.7	1381.5	1382.4	1383.6	1384.7	1385.9	1387.0
142.5°	1425.5	1426.4	1426.8	1427.7	1428.5	1429.4	1430.2	1431.1	1431.9	1432.8	1433.7
145°	1470.6	1471.6	1471.9	1472.5	1473.0	1473.6	1474.2	1474.8	1475.3	1475.9	1476.4
147.5°	1510.9	1511.6	1511.9	1512.5	1513.0	1513.6	1514.2	1514.8	1515.4	1515.9	1516.5
150°	1547.4	1547.8	1548.1	1548.7	1549.2	1549.8	1550.4	1551.0	1551.6	1552.1	1552.7
152.5°	1580.0	1580.1	1580.2	1580.5	1580.8	1581.1	1581.4	1582.6	1583.7	1584.9	1586.0
155°	1608.8	1608.5	1608.6	1608.9	1609.2	1609.5	1609.8	1611.2	1612.7	1614.1	1615.6
157.5°	1636.9	1636.9	1636.8	1636.5	1636.2	1636.0	1635.7	1637.4	1639.1	1640.8	1642.5
160°	1659.0	1658.9	1658.8	1658.5	1658.2	1657.9	1657.6	1659.3	1661.1	1662.8	1664.5
162.5°	1678.7	1678.3	1678.2	1677.9	1677.6	1677.3	1677.0	1679.0	1681.0	1683.0	1685.0
165°	1695.5	1695.1	1695.0	1694.7	1694.4	1694.1	1693.8	1696.1	1698.4	1700.7	1703.0
167.5°	1708.6	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0	1710.3	1712.6	1714.9	1717.2
170°	1720.2	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6	1721.9	1724.2	1726.5	1728.8
172.5°	1726.8	1726.1	1726.2	1726.5	1726.8	1727.1	1727.4	1729.7	1732.0	1734.3	1736.6
175°	1733.3	1732.6	1732.7	1733.0	1733.3	1733.5	1733.8	1735.8	1737.8	1739.9	1741.9
177.5°	1735.8	1735.1	1735.2	1735.5	1735.8	1736.1	1736.4	1738.7	1741.0	1743.3	1745.6
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2
2.5°	1330.2	1331.5	1326.1	1322.0	1332.9	1326.1	1326.1	1327.5	1324.7	1328.8	1327.5
5°	1255.4	1256.8	1247.3	1250.0	1244.6	1243.2	1241.9	1250.0	1248.6	1247.3	1250.0
7.5°	1182.1	1182.1	1178.0	1175.3	1175.3	1171.2	1176.6	1175.3	1178.0	1178.0	1182.1
10°	1120.9	1123.6	1116.9	1110.1	1108.7	1110.1	1110.1	1111.4	1112.8	1122.3	1120.9
12.5°	1070.7	1066.6	1065.2	1061.1	1054.4	1051.6	1048.9	1063.9	1059.8	1059.8	1059.8
15°	1014.9	1024.5	1023.1	1010.9	1008.2	1013.6	1010.9	1010.9	1024.5	1023.1	1021.7
17.5°	985.1	982.3	979.6	972.8	974.2	972.8	974.2	974.2	982.3	982.3	982.3
20°	951.1	945.7	945.7	942.9	942.9	938.9	944.3	945.7	951.1	951.1	952.4
22.5°	921.2	917.1	917.1	915.8	918.5	913.0	918.5	919.8	919.8	923.9	923.9
25°	895.4	892.7	892.7	895.4	895.4	895.4	895.4	900.8	896.7	898.1	896.7
27.5°	872.3	873.6	875.0	876.4	875.0	876.4	877.7	880.4	881.8	880.4	877.7
30°	850.5	854.6	856.0	856.0	858.7	860.1	861.4	861.4	862.8	858.7	861.4
32.5°	834.2	834.2	837.0	838.3	841.0	842.4	842.4	845.1	843.8	839.7	841.0
35°	811.1	811.1	816.6	819.3	823.4	822.0	823.4	823.4	824.7	822.0	817.9
37.5°	788.0	790.8	790.8	796.2	797.6	798.9	797.6	800.3	798.9	796.2	794.8
40°	760.9	759.5	760.9	764.9	766.3	766.3	766.3	769.0	769.0	769.0	767.7
42.5°	726.9	731.0	729.6	733.7	732.3	732.3	735.1	737.8	739.1	735.1	736.4
45°	694.3	694.3	697.0	697.0	698.4	698.4	703.8	701.1	703.8	701.1	702.4
47.5°	659.0	660.3	660.3	661.7	664.4	667.1	664.4	665.8	665.8	667.1	664.4
50°	619.6	619.6	622.3	626.4	631.8	629.1	627.7	633.2	629.1	629.1	626.4
52.5°	578.8	582.9	584.2	588.3	592.4	593.8	595.1	592.4	593.8	589.7	591.0
55°	539.4	540.8	546.2	550.3	554.3	554.3	553.0	554.3	555.7	550.3	550.3
57.5°	500.0	504.1	509.5	509.5	514.9	514.9	513.6	513.6	514.9	510.9	509.5
60°	457.9	462.0	468.8	468.8	476.9	478.3	475.5	472.8	472.8	468.8	470.1
62.5°	413.0	417.1	421.2	428.0	433.4	430.7	436.1	430.7	432.1	423.9	423.9
65°	373.6	375.0	381.8	388.6	388.6	391.3	388.6	389.9	385.9	385.9	380.4
67.5°	327.4	327.4	334.2	341.0	347.8	347.8	347.8	343.8	343.8	339.7	339.7
70°	286.7	285.3	292.1	296.2	300.3	301.6	298.9	297.6	294.8	290.8	289.4
72.5°	236.4	239.1	245.9	248.6	255.4	254.1	260.9	252.7	252.7	245.9	244.6
75°	191.6	194.3	201.1	205.2	209.2	209.2	213.3	209.2	203.8	201.1	199.7
77.5°	152.2	150.8	156.3	163.0	164.4	163.0	165.8	164.4	159.0	159.0	156.3
80°	108.7	112.8	118.2	116.8	122.3	120.9	120.9	118.2	118.2	114.1	116.8
82.5°	72.0	76.1	77.4	76.1	77.4	80.2	81.5	80.2	80.2	77.4	78.8
85°	38.0	38.0	40.8	42.1	40.8	40.8	42.1	46.2	43.5	40.8	43.5
87.5°	12.2	10.9	10.9	12.2	10.9	10.9	12.2	12.2	13.6	13.6	13.6
90°	36.2	36.5	37.1	37.6	38.2	38.8	38.2	37.6	37.1	36.5	36.2
92.5°	42.6	42.7	43.0	43.3	43.6	43.9	43.6	43.3	43.0	42.7	42.6
95°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
97.5°	51.7	51.8	52.1	52.4	52.7	53.0	52.7	52.4	52.1	51.8	51.7
100°	53.0	53.1	53.4	53.7	54.0	54.3	54.0	53.7	53.4	53.1	53.0
102.5°	53.0	53.3	53.9	54.4	55.0	55.6	55.0	54.4	53.9	53.3	53.0
105°	54.3	54.6	55.1	55.7	56.2	56.8	56.2	55.7	55.1	54.6	54.3
107.5°	303.6	284.8	247.2	209.6	172.0	134.4	172.0	209.6	247.2	284.8	303.6
110°	540.0	519.5	478.4	437.4	396.3	355.3	396.3	437.4	478.4	519.5	540.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	675.7	675.4	674.8	674.3	673.7	673.1	673.7	674.3	674.8	675.4	675.7
115°	754.5	755.1	756.2	757.4	758.5	759.7	758.5	757.4	756.2	755.1	754.5
117.5°	828.2	828.3	828.6	828.9	829.2	829.5	829.2	828.9	828.6	828.3	828.2
120°	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8
122.5°	971.6	971.7	972.0	972.3	972.6	972.9	972.6	972.3	972.0	971.7	971.6
125°	1036.2	1036.5	1037.1	1037.6	1038.2	1038.8	1038.2	1037.6	1037.1	1036.5	1036.2
127.5°	1105.9	1105.6	1105.1	1104.5	1104.0	1103.4	1104.0	1104.5	1105.1	1105.6	1105.9
130°	1168.0	1167.7	1167.1	1166.6	1166.0	1165.4	1166.0	1166.6	1167.1	1167.7	1168.0
132.5°	1226.1	1225.7	1224.8	1223.9	1223.1	1222.2	1223.1	1223.9	1224.8	1225.7	1226.1
135°	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1281.2	1282.1	1282.9	1283.8	1284.2
137.5°	1338.5	1338.2	1337.6	1337.1	1336.5	1335.9	1336.5	1337.1	1337.6	1338.2	1338.5
140°	1387.6	1387.3	1386.7	1386.2	1385.6	1385.0	1385.6	1386.2	1386.7	1387.3	1387.6
142.5°	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1431.1	1431.9	1432.8	1433.7	1434.1
145°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
147.5°	1516.8	1516.1	1514.6	1513.2	1511.7	1510.3	1511.7	1513.2	1514.6	1516.1	1516.8
150°	1553.0	1552.6	1551.7	1550.8	1550.0	1549.1	1550.0	1550.8	1551.7	1552.6	1553.0
152.5°	1586.6	1585.9	1584.4	1583.0	1581.5	1580.1	1581.5	1583.0	1584.4	1585.9	1586.6
155°	1616.3	1615.4	1613.7	1612.0	1610.2	1608.5	1610.2	1612.0	1613.7	1615.4	1616.3
157.5°	1643.4	1642.3	1640.0	1637.7	1635.4	1633.1	1635.4	1637.7	1640.0	1642.3	1643.4
160°	1665.4	1664.4	1662.4	1660.3	1658.3	1656.3	1658.3	1660.3	1662.4	1664.4	1665.4
162.5°	1686.0	1685.1	1683.4	1681.7	1680.0	1678.3	1680.0	1681.7	1683.4	1685.1	1686.0
165°	1704.1	1703.1	1701.1	1699.1	1697.1	1695.1	1697.1	1699.1	1701.1	1703.1	1704.1
167.5°	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1710.3	1712.6	1714.9	1717.2	1718.3
170°	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1721.9	1724.2	1726.5	1728.8	1730.0
172.5°	1737.7	1736.4	1733.8	1731.3	1728.7	1726.1	1728.7	1731.3	1733.8	1736.4	1737.7
175°	1742.9	1741.8	1739.5	1737.2	1734.9	1732.6	1734.9	1737.2	1739.5	1741.8	1742.9
177.5°	1746.8	1745.4	1742.5	1739.6	1736.7	1733.8	1736.7	1739.6	1742.5	1745.4	1746.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2	1402.2
2.5°	1331.5	1334.2	1335.6	1330.2	1326.1	1332.9	1342.4	1349.2	1354.6	1361.4	1365.5
5°	1252.7	1262.2	1262.2	1264.9	1269.0	1275.8	1293.5	1305.7	1316.6	1324.7	1331.5
7.5°	1186.1	1192.9	1197.0	1203.8	1210.6	1220.1	1240.5	1258.2	1274.5	1284.0	1294.8
10°	1126.4	1131.8	1138.6	1142.7	1154.9	1168.5	1194.3	1209.2	1228.3	1243.2	1256.8
12.5°	1069.3	1088.3	1092.4	1091.0	1101.9	1116.9	1142.7	1165.8	1186.1	1201.1	1216.0
15°	1028.5	1035.3	1043.5	1042.1	1065.2	1069.3	1091.0	1118.2	1145.4	1154.9	1168.5
17.5°	983.7	994.6	1002.7	1006.8	1013.6	1028.5	1048.9	1069.3	1104.6	1106.0	1141.3
20°	948.4	959.2	964.7	970.1	974.2	991.9	1009.5	1032.6	1061.1	1076.1	1095.1
22.5°	925.3	930.7	934.8	938.9	944.3	953.8	975.5	1001.4	1020.4	1036.7	1048.9
25°	898.1	903.5	909.0	911.7	915.8	921.2	937.5	957.9	985.1	995.9	1008.2
27.5°	879.1	879.1	881.8	881.8	887.2	892.7	904.9	923.9	945.7	959.2	975.5
30°	858.7	857.3	858.7	857.3	856.0	864.1	875.0	891.3	906.3	922.6	933.4
32.5°	838.3	837.0	837.0	838.3	832.9	837.0	842.4	857.3	873.6	881.8	894.0
35°	816.6	813.9	813.9	813.9	811.1	808.4	813.9	827.4	838.3	849.2	858.7
37.5°	794.8	790.8	790.8	788.0	785.3	781.3	781.3	792.1	807.1	811.1	823.4
40°	764.9	764.9	762.2	760.9	758.2	755.4	751.4	760.9	774.5	778.5	788.0
42.5°	735.1	731.0	729.6	729.6	729.6	725.5	722.8	729.6	737.8	744.6	750.0
45°	701.1	698.4	699.7	698.4	695.7	694.3	692.9	695.7	705.2	707.9	714.7
47.5°	664.4	663.0	663.0	661.7	660.3	661.7	656.3	663.0	665.8	668.5	673.9
50°	626.4	625.0	623.6	622.3	622.3	623.6	622.3	622.3	627.7	630.4	635.9
52.5°	588.3	584.2	584.2	582.9	582.9	580.2	582.9	584.2	587.0	589.7	592.4
55°	547.6	547.6	543.5	543.5	540.8	540.8	542.1	540.8	546.2	548.9	548.9
57.5°	508.2	502.7	504.1	501.4	498.6	497.3	497.3	500.0	502.7	502.7	505.4
60°	466.0	460.6	459.2	453.8	456.5	452.4	453.8	453.8	459.2	456.5	459.2
62.5°	423.9	417.1	413.0	410.3	410.3	411.7	409.0	407.6	410.3	413.0	418.5
65°	379.1	375.0	370.9	366.8	366.8	365.5	368.2	364.1	362.8	364.1	366.8
67.5°	332.9	328.8	324.7	320.7	322.0	317.9	315.2	319.3	316.6	317.9	320.7
70°	288.0	285.3	277.2	274.5	273.1	274.5	273.1	270.4	274.5	273.1	274.5
72.5°	243.2	240.5	236.4	229.6	229.6	228.3	226.9	226.9	225.5	225.5	225.5
75°	199.7	194.3	190.2	188.9	186.1	184.8	183.4	180.7	182.1	183.4	180.7
77.5°	154.9	148.1	146.7	146.7	142.7	142.7	144.0	142.7	141.3	141.3	141.3
80°	114.1	108.7	108.7	106.0	103.3	103.3	103.3	103.3	101.9	100.5	101.9
82.5°	73.4	72.0	70.7	70.7	73.4	67.9	70.7	69.3	67.9	67.9	66.6
85°	40.8	42.1	40.8	42.1	39.4	40.8	40.8	40.8	39.4	40.8	38.0
87.5°	14.9	14.9	14.9	16.3	16.3	16.3	16.3	16.3	17.7	16.3	16.3
90°	35.6	34.5	33.3	32.2	31.0	27.3	23.5	19.8	16.1	14.2	12.8
92.5°	41.6	39.6	37.6	35.6	33.6	31.0	28.4	25.9	23.3	22.0	22.9
95°	48.1	46.1	44.1	42.1	40.1	36.9	33.7	30.6	27.4	25.8	31.7
97.5°	50.5	48.2	45.9	43.6	41.3	55.9	70.6	85.2	99.9	107.2	111.2
100°	51.8	49.5	47.2	44.9	42.6	87.4	132.2	177.0	221.8	244.2	241.3
102.5°	57.7	67.2	76.7	86.1	95.6	145.6	195.5	245.5	295.4	320.4	318.5
105°	79.7	130.5	181.3	232.1	282.9	308.7	334.6	360.4	386.3	399.2	397.6
107.5°	325.7	369.9	414.2	458.4	502.6	498.3	494.0	489.7	485.4	483.2	481.9
110°	544.7	554.2	563.7	573.2	582.7	579.5	576.4	573.2	570.1	568.5	567.3

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	674.4	671.8	669.3	666.7	664.1	660.9	657.8	654.6	651.5	649.9	648.9
115°	753.1	750.2	747.3	744.5	741.6	739.0	736.4	733.9	731.3	730.0	729.1
117.5°	827.0	824.7	822.4	820.1	817.8	816.4	815.0	813.5	812.1	811.4	810.4
120°	900.7	898.4	896.1	893.8	891.5	890.6	889.8	888.9	888.0	887.6	886.3
122.5°	970.9	969.4	968.0	966.5	965.1	963.9	962.8	961.6	960.5	959.9	958.9
125°	1035.9	1035.3	1034.8	1034.2	1033.6	1032.4	1031.3	1030.1	1029.0	1028.4	1027.3
127.5°	1105.5	1104.6	1103.8	1102.9	1102.1	1100.7	1099.2	1097.8	1096.3	1095.6	1094.5
130°	1167.4	1166.3	1165.1	1164.0	1162.8	1161.6	1160.5	1159.3	1158.2	1157.6	1156.5
132.5°	1225.5	1224.4	1223.2	1222.1	1220.9	1220.1	1219.2	1218.4	1217.5	1217.1	1215.9
135°	1283.8	1282.9	1282.1	1281.2	1280.4	1279.2	1278.1	1276.9	1275.8	1275.2	1274.3
137.5°	1337.8	1336.3	1334.9	1333.4	1332.0	1331.4	1330.9	1330.3	1329.8	1329.5	1328.3
140°	1387.0	1385.9	1384.7	1383.6	1382.4	1381.5	1380.7	1379.8	1378.9	1378.5	1377.6
142.5°	1433.7	1432.8	1431.9	1431.1	1430.2	1429.4	1428.5	1427.7	1426.8	1426.4	1425.5
145°	1476.4	1475.9	1475.3	1474.8	1474.2	1473.6	1473.0	1472.5	1471.9	1471.6	1470.6
147.5°	1516.5	1515.9	1515.4	1514.8	1514.2	1513.6	1513.0	1512.5	1511.9	1511.6	1510.9
150°	1552.7	1552.1	1551.6	1551.0	1550.4	1549.8	1549.2	1548.7	1548.1	1547.8	1547.4
152.5°	1586.0	1584.9	1583.7	1582.6	1581.4	1581.1	1580.8	1580.5	1580.2	1580.1	1580.0
155°	1615.6	1614.1	1612.7	1611.2	1609.8	1609.5	1609.2	1608.9	1608.6	1608.5	1608.8
157.5°	1642.5	1640.8	1639.1	1637.4	1635.7	1636.0	1636.2	1636.5	1636.8	1636.9	1636.9
160°	1664.5	1662.8	1661.1	1659.3	1657.6	1657.9	1658.2	1658.5	1658.8	1658.9	1659.0
162.5°	1685.0	1683.0	1681.0	1679.0	1677.0	1677.3	1677.6	1677.9	1678.2	1678.3	1678.7
165°	1703.0	1700.7	1698.4	1696.1	1693.8	1694.1	1694.4	1694.7	1695.0	1695.1	1695.5
167.5°	1717.2	1714.9	1712.6	1710.3	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0	1708.6
170°	1728.8	1726.5	1724.2	1721.9	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6	1720.2
172.5°	1736.6	1734.3	1732.0	1729.7	1727.4	1727.1	1726.8	1726.5	1726.2	1726.1	1726.8
175°	1741.9	1739.9	1737.8	1735.8	1733.8	1733.5	1733.3	1733.0	1732.7	1732.6	1733.3
177.5°	1745.6	1743.3	1741.0	1738.7	1736.4	1736.1	1735.8	1735.5	1735.2	1735.1	1735.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1402.2	1402.2	1402.2	1402.2
2.5°	1372.3	1376.4	1390.0	1406.3
5°	1345.1	1356.0	1375.0	1400.8
7.5°	1315.2	1331.5	1358.7	1391.3
10°	1281.3	1304.4	1338.3	1379.1
12.5°	1244.6	1274.5	1317.9	1360.1
15°	1221.5	1251.4	1290.8	1337.0
17.5°	1176.6	1212.0	1252.7	1317.9
20°	1130.4	1169.8	1222.8	1288.0
22.5°	1095.1	1137.2	1187.5	1256.8
25°	1053.0	1096.5	1150.8	1222.8
27.5°	1008.2	1051.6	1112.8	1188.9
30°	974.2	1016.3	1074.7	1156.3
32.5°	933.4	974.2	1035.3	1120.9
35°	887.2	933.4	991.9	1078.8
37.5°	851.9	894.0	955.2	1038.0
40°	813.9	850.5	910.3	991.9
42.5°	773.1	813.9	865.5	947.0
45°	735.1	764.9	817.9	895.4
47.5°	694.3	728.3	769.0	828.8
50°	650.8	679.4	724.2	764.9
52.5°	608.7	631.8	669.8	701.1
55°	563.9	587.0	615.5	634.5
57.5°	521.7	538.0	557.1	569.3
60°	470.1	486.4	498.6	510.9
62.5°	423.9	436.1	442.9	449.7
65°	376.4	383.2	387.2	392.7
67.5°	324.7	331.5	332.9	341.0
70°	277.2	278.5	281.3	285.3
72.5°	232.3	235.1	233.7	236.4
75°	186.1	188.9	186.1	188.9
77.5°	141.3	144.0	144.0	148.1
80°	101.9	103.3	104.6	104.6
82.5°	66.6	70.7	67.9	69.3
85°	38.0	39.4	39.4	40.8
87.5°	17.7	19.0	17.7	20.4
90°	9.9	7.0	4.2	1.3
92.5°	24.6	26.3	28.0	29.7
95°	43.5	55.2	67.0	78.8
97.5°	119.3	127.3	135.4	143.4
100°	235.6	229.8	224.1	218.3
102.5°	314.8	311.1	307.3	303.6
105°	394.5	391.3	388.2	385.0
107.5°	479.3	476.8	474.2	471.6
110°	565.0	562.7	560.4	558.1



TEST NUMBER: P1031303

CATALOG NUMBER: S123DIW-B1000D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	646.9	644.8	642.8	640.8
115°	727.4	725.7	723.9	722.2
117.5°	808.4	806.3	804.3	802.3
120°	883.7	881.2	878.6	876.0
122.5°	956.9	954.9	952.9	950.9
125°	1025.0	1022.7	1020.4	1018.1
127.5°	1092.2	1089.9	1087.6	1085.3
130°	1154.2	1151.9	1149.6	1147.3
132.5°	1213.6	1211.3	1209.0	1206.7
135°	1272.6	1270.9	1269.1	1267.4
137.5°	1326.0	1323.7	1321.4	1319.1
140°	1375.9	1374.2	1372.5	1370.8
142.5°	1423.8	1422.1	1420.3	1418.6
145°	1468.6	1466.5	1464.5	1462.5
147.5°	1509.5	1508.0	1506.6	1505.2
150°	1546.5	1545.6	1544.8	1543.9
152.5°	1579.7	1579.4	1579.1	1578.8
155°	1609.4	1609.9	1610.5	1611.1
157.5°	1636.9	1636.9	1636.9	1636.9
160°	1659.3	1659.6	1659.9	1660.2
162.5°	1679.6	1680.5	1681.3	1682.2
165°	1696.4	1697.3	1698.1	1699.0
167.5°	1709.7	1710.9	1712.0	1713.2
170°	1721.3	1722.5	1723.6	1724.8
172.5°	1728.3	1729.7	1731.2	1732.6
175°	1734.7	1736.2	1737.6	1739.0
177.5°	1737.3	1738.7	1740.2	1741.6
180°	1739.0	1739.0	1739.0	1739.0

(END OF REPORT)