

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: P1031328

Luminaire Tested: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1031328
REPORT IS A COMBINATION OF REPORTS P990682 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1
Description: Define 3 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

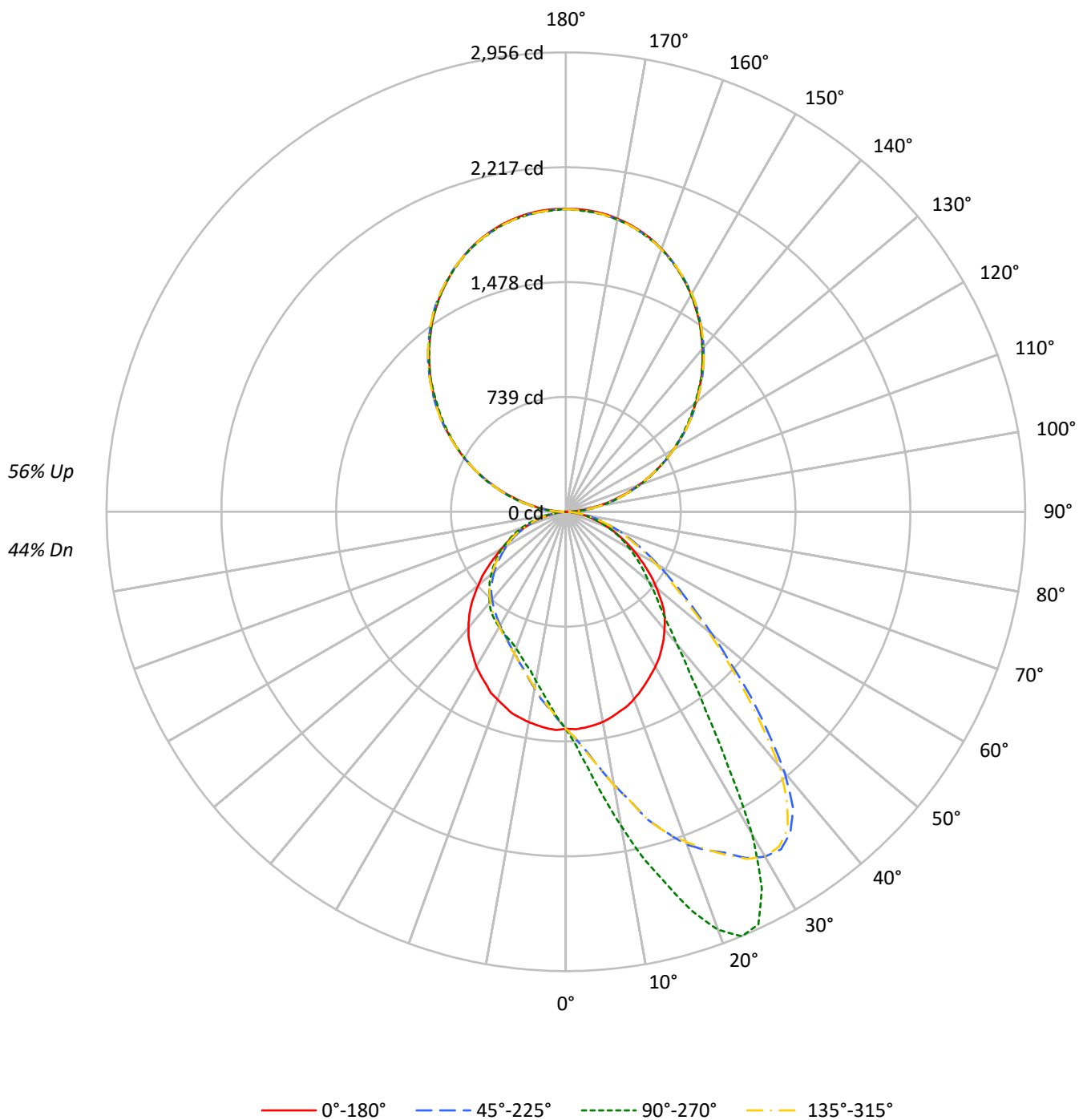
Lumens per Lamp: N/A
Luminaire Lumens: 9615.0 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 99
Input Voltage (V):
Input Current (A_{in}): 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: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

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	106	106	106	106	97	97	97	97	80	80	80	65	65	65	50	50	50
1	97	92	89	85	88	85	82	79	70	68	66	57	56	54	45	44	43
2	88	81	75	70	80	74	69	65	62	58	55	50	48	46	40	38	37
3	81	71	64	59	73	66	59	54	55	50	46	45	42	39	35	33	31
4	74	63	56	50	67	58	51	46	49	44	40	40	36	33	32	29	27
5	68	56	48	43	62	52	45	40	44	38	34	36	32	29	29	26	24
6	62	51	43	37	57	47	40	35	39	34	30	33	28	25	26	23	21
7	58	46	38	32	53	42	35	30	36	30	26	30	26	22	24	21	19
8	53	41	34	29	49	38	32	27	32	27	23	27	23	20	22	19	17
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	20	17	15
10	46	35	27	23	43	32	26	21	27	22	19	23	19	16	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15029	15029	15029	15029
5°	15039	17316	15082	12923
10°	14943	20955	14958	11285
15°	14737	24851	14856	10158
20°	14559	28611	14590	9348
25°	14294	29332	14326	8925
30°	14106	24234	14106	8647
35°	13872	16208	13786	8402
40°	13592	11700	13425	8027
45°	13241	9267	12860	7561
50°	12386	7870	11945	7103
55°	11448	6916	10982	6593
60°	10497	6022	9937	6056
65°	9452	5156	8995	5341
70°	8366	4281	7810	4503
75°	7155	3228	6691	3475
80°	5657	2154	5217	2283
85°	3900	989	3122	900

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 24237 cd/sqm

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.3	1.4
10°-20°	441.0	4.6
20°-30°	742.1	7.7
30°-40°	838.6	8.7
40°-50°	751.1	7.8
50°-60°	606.3	6.3
60°-70°	422.5	4.4
70°-80°	221.8	2.3
80°-90°	57.3	0.6
90°-100°	125.4	1.3
100°-110°	379.5	3.9
110°-120°	646.1	6.7
120°-130°	849.9	8.8
130°-140°	955.3	9.9
140°-150°	939.2	9.8
150°-160°	790.7	8.2
160°-170°	526.4	5.5
170°-180°	184.3	1.9
0°-30°	1320.4	13.7
0°-40°	2159.1	22.5
0°-60°	3516.5	36.6
0°-90°	4218.1	43.9
90°-120°	1150.9	12.0
90°-150°	3895.4	40.5
90°-180°	5397.0	56.1
0°-180°	9615.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1396	1396	1396	1396	1396	
5°	1395	1659	1399	1238	1395	132
15°	1331	2469	1342	1009	1331	376
25°	1218	2930	1220	892	1218	562
35°	1074	1579	1068	818	1074	672
45°	892	852	866	695	892	682
55°	632	579	606	552	632	566
65°	391	376	372	390	391	389
75°	188	194	176	208	188	202
85°	41	45	32	41	41	47
90°	2	46	2	46	2	9
95°	90	119	90	119	90	99
105°	344	364	344	364	344	369
115°	650	652	650	652	650	644
125°	952	941	952	941	952	849
135°	1235	1233	1235	1233	1235	951
145°	1498	1498	1498	1498	1498	936
155°	1715	1712	1715	1712	1715	790
165°	1868	1862	1868	1862	1868	527
175°	1943	1936	1943	1936	1943	185
180°	1948	1948	1948	1948	1948	

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1400.3	1411.1	1416.5	1424.6	1432.7	1444.9	1449.0	1455.7	1453.0	1458.4	1461.2
5°	1394.9	1413.8	1430.0	1450.3	1469.3	1482.8	1496.3	1518.0	1534.2	1536.9	1549.1
7.5°	1385.4	1412.4	1440.9	1469.3	1505.8	1527.4	1551.8	1581.6	1605.9	1645.2	1660.0
10°	1373.2	1411.1	1451.7	1490.9	1541.0	1574.8	1604.6	1654.6	1704.7	1745.3	1783.2
12.5°	1354.3	1401.6	1454.4	1512.6	1577.5	1616.7	1657.3	1723.6	1799.4	1861.6	1902.2
15°	1331.3	1390.8	1458.4	1520.7	1592.4	1665.4	1708.7	1783.2	1891.4	1949.6	2053.7
17.5°	1312.3	1373.2	1440.9	1538.3	1635.7	1708.7	1739.9	1876.5	1950.9	2048.3	2166.0
20°	1282.6	1359.7	1446.3	1543.7	1669.5	1714.2	1777.7	1915.7	2007.7	2134.9	2279.7
22.5°	1251.5	1334.0	1438.2	1539.6	1680.3	1727.7	1814.3	1923.9	2070.0	2195.8	2355.4
25°	1217.6	1306.9	1412.4	1532.9	1670.9	1739.9	1821.0	1956.3	2114.6	2272.9	2420.4
27.5°	1183.8	1281.2	1390.8	1511.2	1645.2	1726.3	1807.5	1948.2	2151.1	2323.0	2511.0
30°	1151.3	1248.7	1358.3	1481.4	1622.2	1700.6	1777.7	1953.6	2179.6	2373.0	2562.4
32.5°	1116.2	1216.3	1331.3	1434.1	1576.2	1660.0	1746.6	1953.6	2197.1	2402.8	2576.0
35°	1074.2	1177.0	1275.8	1378.6	1519.3	1612.7	1710.1	1940.1	2213.4	2412.3	2519.1
37.5°	1033.6	1124.3	1209.5	1309.6	1457.1	1557.2	1669.5	1923.9	2205.3	2371.7	2401.4
40°	987.6	1078.3	1147.3	1240.6	1396.2	1512.6	1626.2	1902.2	2170.1	2275.6	2189.0
42.5°	943.0	1014.7	1074.2	1164.9	1334.0	1447.6	1570.7	1863.0	2101.1	2122.7	1927.9
45°	891.6	943.0	995.7	1098.6	1266.3	1382.7	1519.3	1806.1	1990.1	1927.9	1681.7
47.5°	825.3	871.3	929.5	1024.2	1194.6	1315.0	1444.9	1733.1	1829.1	1699.3	1430.0
50°	761.7	800.9	855.0	947.0	1118.9	1236.6	1374.6	1618.1	1665.4	1461.2	1232.5
52.5°	698.1	727.9	780.6	872.6	1044.5	1158.1	1283.9	1500.4	1473.3	1254.2	1051.2
55°	631.8	657.5	707.6	798.2	957.9	1066.1	1186.5	1355.6	1285.3	1076.9	914.6
57.5°	566.9	593.9	645.3	721.1	871.3	976.8	1072.9	1205.5	1099.9	933.5	790.1
60°	508.7	531.7	570.9	645.3	782.0	867.2	955.2	1045.8	957.9	796.9	687.3
62.5°	447.8	469.5	506.0	573.6	691.3	767.1	837.5	911.9	814.5	696.8	599.3
65°	391.0	408.6	442.4	504.6	600.7	662.9	719.8	771.2	692.7	584.5	511.4
67.5°	339.6	354.5	382.9	438.3	519.5	564.2	610.2	653.5	587.2	500.6	438.3
70°	284.1	296.3	322.0	362.6	427.5	473.5	507.3	539.8	480.3	411.3	369.3
72.5°	235.4	247.6	263.8	305.8	350.4	378.8	415.3	432.9	399.1	342.3	300.3
75°	188.1	197.5	212.4	239.5	281.4	300.3	323.3	336.9	305.8	267.9	242.2
77.5°	147.5	151.5	162.4	181.3	209.7	231.3	248.9	257.1	235.4	211.1	189.4
80°	104.2	109.6	117.7	133.9	155.6	162.4	173.2	182.6	169.1	147.5	133.9
82.5°	69.0	75.8	79.8	86.6	100.1	108.2	110.9	119.1	106.9	98.8	93.4
85°	40.6	43.3	44.6	48.7	55.5	59.5	63.6	64.9	62.2	60.9	55.5
87.5°	20.3	20.3	20.3	23.0	24.4	27.1	28.4	28.4	28.4	27.1	25.7
90°	1.5	4.9	8.3	11.7	15.1	16.8	19.0	23.4	27.9	32.3	36.7
92.5°	45.9	47.9	50.0	52.0	54.1	55.1	56.1	58.2	60.2	62.3	64.3
95°	90.3	92.7	95.1	97.4	99.8	101.0	102.4	105.1	107.8	110.5	113.2
97.5°	148.4	150.1	151.8	153.5	155.2	156.1	157.1	159.1	161.2	163.2	165.2
100°	208.1	210.1	212.2	214.2	216.3	217.3	218.1	219.8	221.5	223.2	224.9
102.5°	276.9	277.9	278.9	280.0	281.0	281.5	282.7	285.1	287.4	289.8	292.2
105°	344.3	345.0	345.6	346.3	347.0	347.3	348.8	351.9	355.0	358.0	361.1
107.5°	423.8	424.2	424.5	424.9	425.2	425.4	426.1	427.4	428.8	430.1	431.5
110°	497.3	498.0	498.6	499.3	500.0	500.3	500.6	501.3	502.0	502.7	503.4

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	573.8	574.1	574.5	574.8	575.1	575.3	575.3	575.3	575.3	575.3	575.3
115°	650.3	651.3	652.3	653.4	654.4	654.9	654.6	653.9	653.2	652.5	651.8
117.5°	728.3	728.6	729.0	729.3	729.6	729.8	729.5	728.8	728.1	727.5	726.8
120°	800.2	802.2	804.3	806.3	808.4	809.4	808.5	806.8	805.1	803.4	801.7
122.5°	875.2	876.6	877.9	879.3	880.6	881.3	881.0	880.3	879.6	879.0	878.3
125°	951.7	952.7	953.7	954.8	955.8	956.3	956.0	955.3	954.6	953.9	953.2
127.5°	1022.1	1024.1	1026.2	1028.2	1030.3	1031.3	1031.0	1030.3	1029.6	1028.9	1028.2
130°	1092.5	1095.2	1097.9	1100.6	1103.3	1104.7	1104.2	1103.2	1102.1	1101.1	1100.1
132.5°	1162.8	1165.5	1168.3	1171.0	1173.7	1175.1	1174.8	1174.1	1173.4	1172.7	1172.0
135°	1234.8	1236.8	1238.8	1240.9	1242.9	1243.9	1243.7	1243.4	1243.1	1242.7	1242.4
137.5°	1300.5	1302.2	1303.9	1305.6	1307.3	1308.2	1308.7	1309.7	1310.8	1311.8	1312.8
140°	1369.4	1371.1	1372.8	1374.5	1376.2	1377.0	1377.2	1377.5	1377.9	1378.2	1378.6
142.5°	1432.1	1433.8	1435.5	1437.2	1438.9	1439.8	1440.1	1440.8	1441.5	1442.1	1442.8
145°	1497.9	1498.6	1499.3	1500.0	1500.7	1501.0	1501.5	1502.5	1503.6	1504.6	1505.6
147.5°	1554.5	1555.9	1557.3	1558.6	1560.0	1560.7	1561.2	1562.2	1563.2	1564.2	1565.2
150°	1614.2	1614.9	1615.6	1616.3	1617.0	1617.3	1617.6	1618.3	1619.0	1619.6	1620.3
152.5°	1663.2	1664.2	1665.2	1666.3	1667.3	1667.8	1668.0	1668.3	1668.6	1669.0	1669.3
155°	1715.2	1715.2	1715.2	1715.2	1715.2	1715.2	1715.4	1715.7	1716.0	1716.4	1716.7
157.5°	1759.6	1759.2	1758.9	1758.5	1758.2	1758.0	1758.2	1758.5	1758.9	1759.2	1759.6
160°	1800.9	1800.2	1799.5	1798.8	1798.1	1797.8	1797.8	1797.8	1797.8	1797.8	1797.8
162.5°	1837.6	1836.6	1835.6	1834.5	1833.5	1833.0	1833.2	1833.5	1833.8	1834.2	1834.5
165°	1868.2	1867.2	1866.2	1865.1	1864.1	1863.6	1863.6	1863.6	1863.6	1863.6	1863.6
167.5°	1894.2	1892.8	1891.5	1890.1	1888.8	1888.1	1888.3	1888.6	1888.9	1889.3	1889.6
170°	1915.6	1914.2	1912.9	1911.5	1910.2	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5
172.5°	1932.5	1931.1	1929.7	1928.4	1927.0	1926.3	1926.3	1926.3	1926.3	1926.3	1926.3
175°	1943.2	1941.8	1940.4	1939.1	1937.7	1937.0	1937.0	1937.0	1937.0	1937.0	1937.0
177.5°	1949.3	1947.9	1946.6	1945.2	1943.9	1943.2	1943.2	1943.2	1943.2	1943.2	1943.2
180°	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1470.6	1473.3	1482.8	1489.6	1503.1	1501.7	1501.7	1500.4	1496.3	1503.1	1507.2
5°	1573.4	1596.4	1599.2	1628.9	1630.3	1642.4	1650.6	1643.8	1660.0	1658.7	1646.5
7.5°	1700.6	1731.7	1746.6	1775.0	1807.5	1799.4	1830.5	1835.9	1833.2	1846.7	1856.2
10°	1840.0	1894.1	1932.0	1984.7	1998.3	2006.4	2026.7	2044.3	2079.4	2052.4	2070.0
12.5°	1999.6	2038.9	2088.9	2172.8	2214.7	2241.8	2251.3	2263.4	2287.8	2272.9	2274.3
15°	2133.6	2186.3	2271.6	2375.7	2387.9	2421.7	2413.6	2486.7	2521.8	2469.1	2498.8
17.5°	2272.9	2343.3	2444.7	2535.4	2586.8	2609.8	2631.4	2701.8	2699.1	2691.0	2697.7
20°	2362.2	2477.2	2603.0	2723.4	2738.3	2755.9	2814.1	2843.8	2838.4	2861.4	2876.3
22.5°	2488.0	2609.8	2743.7	2823.5	2857.4	2877.7	2923.7	2942.6	2950.7	2956.1	2946.7
25°	2593.5	2723.4	2822.2	2892.5	2912.8	2923.7	2938.5	2944.0	2939.9	2930.4	2938.5
27.5°	2665.3	2769.4	2837.1	2869.5	2858.7	2841.1	2812.7	2793.8	2751.8	2731.5	2755.9
30°	2695.0	2741.0	2761.3	2707.2	2653.1	2609.8	2555.7	2455.6	2377.1	2400.1	2369.0
32.5°	2647.7	2617.9	2520.5	2381.1	2339.2	2268.8	2116.0	1998.3	2002.3	1940.1	1965.8
35°	2508.3	2373.0	2189.0	1978.0	1922.5	1884.6	1716.9	1691.2	1637.0	1578.9	1595.1
37.5°	2262.1	2064.6	1841.3	1685.7	1603.2	1520.7	1426.0	1369.2	1336.7	1312.3	1331.3
40°	1961.7	1720.9	1536.9	1397.6	1327.2	1274.5	1209.5	1152.7	1116.2	1112.1	1118.9
42.5°	1666.8	1463.9	1294.7	1162.2	1139.2	1076.9	1035.0	990.3	979.5	961.9	971.4
45°	1411.1	1246.0	1106.7	998.5	971.4	955.2	903.8	875.3	863.2	852.3	868.6
47.5°	1225.7	1052.6	951.1	886.2	859.1	832.0	803.6	784.7	775.2	776.6	775.2
50°	1047.2	920.0	830.7	780.6	764.4	745.5	722.5	710.3	706.2	694.0	703.5
52.5°	901.0	809.0	746.8	699.5	687.3	673.8	654.8	648.0	638.6	635.9	635.9
55°	783.3	711.6	661.6	630.5	615.6	604.8	593.9	585.8	579.1	579.1	579.1
57.5°	691.3	629.1	592.6	565.5	560.1	549.3	537.1	537.1	527.6	526.3	530.3
60°	612.9	557.4	529.0	506.0	497.9	495.2	483.0	483.0	480.3	473.5	478.9
62.5°	533.1	492.5	468.1	450.5	442.4	442.4	432.9	426.2	426.2	427.5	424.8
65°	460.0	430.2	408.6	395.1	391.0	385.6	384.2	378.8	374.8	376.1	374.8
67.5°	395.1	372.1	357.2	346.3	339.6	336.9	332.8	332.8	330.1	331.5	324.7
70°	336.9	313.9	301.7	290.9	288.2	288.2	282.8	284.1	281.4	285.5	282.8
72.5°	277.3	259.8	250.3	246.2	243.5	242.2	239.5	236.8	235.4	238.1	236.8
75°	224.6	209.7	202.9	200.2	197.5	197.5	196.2	194.8	193.5	193.5	193.5
77.5°	174.5	165.1	156.9	159.6	155.6	156.9	152.9	152.9	154.2	152.9	152.9
80°	128.5	121.8	121.8	119.1	113.6	116.4	116.4	112.3	110.9	113.6	109.6
82.5°	85.2	83.9	81.2	79.8	77.1	78.5	77.1	75.8	74.4	77.1	74.4
85°	50.1	50.1	48.7	46.0	48.7	47.4	46.0	46.0	44.6	44.6	44.6
87.5°	25.7	23.0	23.0	21.6	23.0	20.3	21.6	20.3	18.9	20.3	18.9
90°	38.1	39.4	40.8	42.1	42.8	43.1	43.8	44.5	45.2	45.9	45.2
92.5°	65.3	66.3	67.4	68.4	68.9	68.6	67.9	67.2	66.5	65.8	66.5
95°	114.6	115.9	117.3	118.6	119.3	119.3	119.3	119.3	119.3	119.3	119.3
97.5°	166.9	168.6	170.3	172.0	172.9	172.7	172.4	172.1	171.7	171.4	171.7
100°	225.9	226.9	228.0	229.0	229.5	229.8	230.5	231.2	231.9	232.6	231.9
102.5°	293.2	294.2	295.3	296.3	296.8	296.6	296.3	296.0	295.6	295.3	295.6
105°	361.1	361.1	361.1	361.1	361.1	361.4	362.1	362.8	363.5	364.2	363.5
107.5°	432.5	433.5	434.6	435.6	436.1	435.9	435.6	435.2	434.9	434.5	434.9
110°	504.8	506.1	507.5	508.8	509.5	509.2	508.5	507.8	507.1	506.4	507.1

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	577.0	578.7	580.4	582.1	583.0	583.0	583.0	583.0	583.0	583.0	583.0
115°	652.1	652.5	652.8	653.1	653.3	653.1	652.8	652.5	652.1	651.8	652.1
117.5°	726.8	726.8	726.8	726.8	726.8	726.3	725.3	724.2	723.2	722.2	723.2
120°	801.4	801.0	800.7	800.4	800.2	799.9	799.2	798.5	797.9	797.2	797.9
122.5°	877.3	876.3	875.2	874.2	873.7	873.2	872.2	871.1	870.1	869.1	870.1
125°	951.8	950.5	949.1	947.8	947.1	946.4	945.1	943.7	942.4	941.0	942.4
127.5°	1026.2	1024.1	1022.1	1020.0	1019.0	1018.3	1017.0	1015.6	1014.3	1012.9	1014.3
130°	1098.7	1097.4	1096.0	1094.7	1094.0	1092.8	1090.4	1088.1	1085.7	1083.3	1085.7
132.5°	1170.3	1168.6	1166.9	1165.2	1164.4	1163.5	1161.8	1160.1	1158.4	1156.7	1158.4
135°	1241.0	1239.7	1238.3	1237.0	1236.3	1236.0	1235.3	1234.6	1233.9	1233.2	1233.9
137.5°	1311.1	1309.4	1307.7	1306.0	1305.1	1304.6	1303.6	1302.5	1301.5	1300.5	1301.5
140°	1378.2	1377.9	1377.5	1377.2	1377.0	1375.8	1373.4	1371.1	1368.7	1366.3	1368.7
142.5°	1442.5	1442.1	1441.8	1441.5	1441.3	1440.5	1438.8	1437.1	1435.4	1433.7	1435.4
145°	1505.2	1504.9	1504.5	1504.2	1504.0	1503.3	1502.0	1500.6	1499.3	1497.9	1499.3
147.5°	1565.2	1565.2	1565.2	1565.2	1565.2	1564.2	1562.2	1560.1	1558.1	1556.1	1558.1
150°	1620.3	1620.3	1620.3	1620.3	1620.3	1619.3	1617.2	1615.2	1613.1	1611.1	1613.1
152.5°	1670.0	1670.6	1671.3	1672.0	1672.3	1671.5	1669.8	1668.1	1666.4	1664.7	1666.4
155°	1718.1	1719.4	1720.8	1722.1	1722.8	1721.6	1719.2	1716.9	1714.5	1712.1	1714.5
157.5°	1761.0	1762.3	1763.7	1765.0	1765.7	1764.7	1762.6	1760.6	1758.5	1756.5	1758.5
160°	1799.5	1801.2	1802.9	1804.6	1805.5	1804.8	1803.4	1802.1	1800.7	1799.3	1800.7
162.5°	1836.2	1837.9	1839.6	1841.3	1842.2	1841.0	1838.6	1836.3	1833.9	1831.5	1833.9
165°	1865.6	1867.7	1869.7	1871.8	1872.8	1871.6	1869.2	1866.9	1864.5	1862.1	1864.5
167.5°	1891.6	1893.7	1895.7	1897.8	1898.8	1897.8	1895.7	1893.7	1891.6	1889.6	1891.6
170°	1911.9	1914.3	1916.6	1919.0	1920.2	1919.0	1916.6	1914.3	1911.9	1909.5	1911.9
172.5°	1928.3	1930.4	1932.4	1934.5	1935.5	1934.3	1931.9	1929.6	1927.2	1924.8	1927.2
175°	1939.0	1941.1	1943.1	1945.2	1946.2	1945.0	1942.6	1940.3	1937.9	1935.5	1937.9
177.5°	1945.2	1947.2	1949.3	1951.3	1952.3	1951.1	1948.7	1946.4	1944.0	1941.6	1944.0
180°	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1496.3	1500.4	1489.6	1486.9	1486.9	1492.3	1488.2	1451.7	1458.4	1450.3	1447.6
5°	1661.4	1653.3	1642.4	1637.0	1630.3	1611.3	1610.0	1568.0	1559.9	1532.9	1520.7
7.5°	1842.7	1835.9	1803.4	1799.4	1796.7	1779.1	1734.4	1689.8	1657.3	1626.2	1596.4
10°	2049.7	2029.4	2014.5	1984.7	1969.9	1945.5	1887.3	1845.4	1789.9	1742.6	1680.3
12.5°	2298.6	2275.6	2225.6	2203.9	2185.0	2117.3	2059.1	2011.8	1903.6	1871.1	1794.0
15°	2481.3	2432.6	2427.1	2379.8	2377.1	2302.7	2191.7	2140.3	2056.4	1937.4	1857.6
17.5°	2678.8	2635.5	2601.7	2544.8	2536.7	2466.4	2385.2	2259.4	2167.4	2053.7	1952.3
20°	2823.5	2800.5	2742.4	2719.4	2672.0	2612.5	2528.6	2373.0	2260.7	2147.1	2022.6
22.5°	2938.5	2915.5	2869.5	2838.4	2811.4	2734.3	2634.1	2501.6	2347.3	2198.5	2070.0
25°	2937.2	2930.4	2911.5	2896.6	2876.3	2819.5	2735.6	2608.4	2436.6	2272.9	2094.3
27.5°	2770.8	2789.7	2822.2	2838.4	2834.4	2826.3	2778.9	2672.0	2517.8	2323.0	2122.7
30°	2424.4	2493.4	2554.3	2635.5	2659.8	2719.4	2746.4	2685.5	2562.4	2381.1	2159.3
32.5°	2010.4	2110.6	2243.1	2287.8	2364.9	2479.9	2608.4	2631.4	2554.3	2415.0	2182.3
35°	1649.2	1731.7	1834.6	1904.9	1973.9	2160.6	2323.0	2463.7	2489.4	2397.4	2176.9
37.5°	1365.1	1423.3	1513.9	1573.4	1637.0	1796.7	2024.0	2206.6	2335.1	2337.8	2162.0
40°	1159.5	1185.2	1263.6	1306.9	1367.8	1505.8	1708.7	1946.9	2134.9	2221.5	2122.7
42.5°	982.2	1016.0	1081.0	1113.5	1152.7	1273.1	1407.0	1633.0	1865.7	2051.0	2049.7
45°	876.7	901.0	930.8	957.9	1002.5	1074.2	1227.1	1396.2	1619.4	1829.1	1911.7
47.5°	783.3	806.3	836.1	844.2	874.0	941.6	1035.0	1182.5	1390.8	1599.2	1754.7
50°	704.9	723.8	744.1	759.0	772.5	828.0	898.3	1022.8	1189.2	1390.8	1584.3
52.5°	644.0	657.5	675.1	683.2	695.4	736.0	790.1	882.1	1018.7	1202.7	1390.8
55°	587.2	596.6	607.5	621.0	626.4	656.2	698.1	776.6	878.0	1043.1	1221.7
57.5°	534.4	538.5	545.2	553.3	560.1	585.8	622.3	675.1	764.4	891.6	1060.7
60°	474.9	485.7	489.8	497.9	501.9	522.2	550.6	595.3	664.3	773.9	901.0
62.5°	424.8	431.6	438.3	442.4	451.9	458.6	481.6	522.2	579.1	660.2	775.2
65°	380.2	382.9	386.9	391.0	393.7	401.8	423.5	450.5	493.8	565.5	654.8
67.5°	328.8	331.5	336.9	338.2	340.9	351.8	363.9	386.9	423.5	477.6	550.6
70°	278.7	282.8	285.5	288.2	292.2	296.3	309.8	328.8	357.2	395.1	451.9
72.5°	235.4	239.5	239.5	242.2	240.8	246.2	259.8	273.3	292.2	323.3	373.4
75°	192.1	192.1	194.8	196.2	197.5	202.9	208.3	219.2	234.1	258.4	289.5
77.5°	151.5	150.2	152.9	152.9	152.9	156.9	162.4	167.8	177.2	194.8	219.2
80°	110.9	110.9	113.6	115.0	112.3	113.6	116.4	121.8	128.5	140.7	154.2
82.5°	73.1	78.5	77.1	78.5	77.1	79.8	81.2	82.5	85.2	90.6	100.1
85°	44.6	44.6	44.6	46.0	44.6	46.0	46.0	46.0	47.4	50.1	54.1
87.5°	18.9	18.9	18.9	20.3	18.9	18.9	20.3	18.9	20.3	20.3	21.6
90°	44.5	43.8	43.1	42.8	42.1	40.8	39.4	38.1	36.7	32.3	27.9
92.5°	67.2	67.9	68.6	68.9	68.4	67.4	66.3	65.3	64.3	62.3	60.2
95°	119.3	119.3	119.3	119.3	118.6	117.3	115.9	114.6	113.2	110.5	107.8
97.5°	172.1	172.4	172.7	172.9	172.0	170.3	168.6	166.9	165.2	163.2	161.2
100°	231.2	230.5	229.8	229.5	229.0	228.0	226.9	225.9	224.9	223.2	221.5
102.5°	296.0	296.3	296.6	296.8	296.3	295.3	294.2	293.2	292.2	289.8	287.4
105°	362.8	362.1	361.4	361.1	361.1	361.1	361.1	361.1	361.1	358.0	355.0
107.5°	435.2	435.6	435.9	436.1	435.6	434.6	433.5	432.5	431.5	430.1	428.8
110°	507.8	508.5	509.2	509.5	508.8	507.5	506.1	504.8	503.4	502.7	502.0

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	583.0	583.0	583.0	583.0	582.1	580.4	578.7	577.0	575.3	575.3	575.3
115°	652.5	652.8	653.1	653.3	653.1	652.8	652.5	652.1	651.8	652.5	653.2
117.5°	724.2	725.3	726.3	726.8	726.8	726.8	726.8	726.8	726.8	727.5	728.1
120°	798.5	799.2	799.9	800.2	800.4	800.7	801.0	801.4	801.7	803.4	805.1
122.5°	871.1	872.2	873.2	873.7	874.2	875.2	876.3	877.3	878.3	879.0	879.6
125°	943.7	945.1	946.4	947.1	947.8	949.1	950.5	951.8	953.2	953.9	954.6
127.5°	1015.6	1017.0	1018.3	1019.0	1020.0	1022.1	1024.1	1026.2	1028.2	1028.9	1029.6
130°	1088.1	1090.4	1092.8	1094.0	1094.7	1096.0	1097.4	1098.7	1100.1	1101.1	1102.1
132.5°	1160.1	1161.8	1163.5	1164.4	1165.2	1166.9	1168.6	1170.3	1172.0	1172.7	1173.4
135°	1234.6	1235.3	1236.0	1236.3	1237.0	1238.3	1239.7	1241.0	1242.4	1242.7	1243.1
137.5°	1302.5	1303.6	1304.6	1305.1	1306.0	1307.7	1309.4	1311.1	1312.8	1311.8	1310.8
140°	1371.1	1373.4	1375.8	1377.0	1377.2	1377.5	1377.9	1378.2	1378.6	1378.2	1377.9
142.5°	1437.1	1438.8	1440.5	1441.3	1441.5	1441.8	1442.1	1442.5	1442.8	1442.1	1441.5
145°	1500.6	1502.0	1503.3	1504.0	1504.2	1504.5	1504.9	1505.2	1505.6	1504.6	1503.6
147.5°	1560.1	1562.2	1564.2	1565.2	1565.2	1565.2	1565.2	1565.2	1565.2	1564.2	1563.2
150°	1615.2	1617.2	1619.3	1620.3	1620.3	1620.3	1620.3	1620.3	1620.3	1619.6	1619.0
152.5°	1668.1	1669.8	1671.5	1672.3	1672.0	1671.3	1670.6	1670.0	1669.3	1669.0	1668.6
155°	1716.9	1719.2	1721.6	1722.8	1722.1	1720.8	1719.4	1718.1	1716.7	1716.4	1716.0
157.5°	1760.6	1762.6	1764.7	1765.7	1765.0	1763.7	1762.3	1761.0	1759.6	1759.2	1758.9
160°	1802.1	1803.4	1804.8	1805.5	1804.6	1802.9	1801.2	1799.5	1797.8	1797.8	1797.8
162.5°	1836.3	1838.6	1841.0	1842.2	1841.3	1839.6	1837.9	1836.2	1834.5	1834.2	1833.8
165°	1866.9	1869.2	1871.6	1872.8	1871.8	1869.7	1867.7	1865.6	1863.6	1863.6	1863.6
167.5°	1893.7	1895.7	1897.8	1898.8	1897.8	1895.7	1893.7	1891.6	1889.6	1889.3	1888.9
170°	1914.3	1916.6	1919.0	1920.2	1919.0	1916.6	1914.3	1911.9	1909.5	1909.5	1909.5
172.5°	1929.6	1931.9	1934.3	1935.5	1934.5	1932.4	1930.4	1928.3	1926.3	1926.3	1926.3
175°	1940.3	1942.6	1945.0	1946.2	1945.2	1943.1	1941.1	1939.0	1937.0	1937.0	1937.0
177.5°	1946.4	1948.7	1951.1	1952.3	1951.3	1949.3	1947.2	1945.2	1943.2	1943.2	1943.2
180°	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1434.1	1430.0	1430.0	1427.3	1419.2	1404.3	1403.0	1405.7	1397.6	1389.5	1377.3
5°	1504.4	1478.7	1470.6	1462.5	1446.3	1419.2	1408.4	1398.9	1384.0	1366.5	1347.5
7.5°	1564.0	1527.4	1516.6	1501.7	1469.3	1431.4	1407.0	1386.7	1366.5	1342.1	1319.1
10°	1638.4	1585.6	1559.9	1538.3	1493.6	1440.9	1404.3	1374.6	1342.1	1312.3	1282.6
12.5°	1722.3	1637.0	1628.9	1576.2	1524.7	1446.3	1401.6	1358.3	1315.0	1278.5	1247.4
15°	1792.6	1699.3	1665.4	1630.3	1531.5	1434.1	1390.8	1342.1	1292.0	1252.8	1206.8
17.5°	1837.3	1760.2	1688.4	1641.1	1538.3	1451.7	1367.8	1312.3	1259.6	1205.5	1167.6
20°	1891.4	1779.1	1716.9	1653.3	1551.8	1438.2	1354.3	1285.3	1220.3	1171.6	1125.6
22.5°	1945.5	1794.0	1742.6	1673.6	1554.5	1424.6	1329.9	1260.9	1186.5	1137.8	1087.7
25°	1940.1	1815.6	1730.4	1672.2	1527.4	1412.4	1301.5	1220.3	1151.3	1089.1	1039.0
27.5°	1944.1	1791.3	1704.7	1637.0	1508.5	1394.9	1271.7	1186.5	1114.8	1049.9	997.1
30°	1945.5	1754.7	1679.0	1597.8	1473.3	1352.9	1237.9	1151.3	1075.6	1005.2	957.9
32.5°	1941.4	1725.0	1630.3	1557.2	1417.9	1312.3	1198.7	1106.7	1029.6	964.6	920.0
35°	1932.0	1689.8	1580.2	1488.2	1361.0	1254.2	1162.2	1067.5	984.9	925.4	874.0
37.5°	1906.3	1651.9	1527.4	1436.8	1294.7	1186.5	1105.3	1026.9	947.0	876.7	833.4
40°	1887.3	1600.5	1474.7	1375.9	1223.0	1117.5	1049.9	975.5	897.0	833.4	791.5
42.5°	1844.0	1551.8	1420.6	1302.9	1152.7	1044.5	980.9	921.3	853.7	791.5	753.6
45°	1773.7	1499.0	1354.3	1235.2	1075.6	972.8	914.6	865.9	806.3	746.8	708.9
47.5°	1674.9	1423.3	1283.9	1164.9	999.8	895.6	837.5	800.9	753.6	703.5	671.0
50°	1568.0	1340.7	1212.2	1094.5	926.8	825.3	768.5	734.6	703.5	657.5	626.4
52.5°	1428.7	1252.8	1129.7	1017.4	848.3	750.9	700.8	676.5	644.0	611.5	584.5
55°	1293.4	1139.2	1037.7	930.8	771.2	680.5	631.8	606.1	587.2	560.1	538.5
57.5°	1136.5	1033.6	940.3	842.9	699.5	616.9	570.9	539.8	527.6	515.5	495.2
60°	991.7	913.2	837.5	756.3	625.0	550.6	506.0	481.6	469.5	461.3	447.8
62.5°	859.1	798.2	733.3	668.3	549.3	481.6	447.8	423.5	412.6	411.3	399.1
65°	731.9	688.6	635.9	572.3	478.9	419.4	386.9	372.1	359.9	359.9	350.4
67.5°	604.8	575.0	533.1	488.4	415.3	359.9	330.1	316.6	309.8	309.8	303.1
70°	503.3	483.0	445.1	405.9	342.3	300.3	277.3	265.2	261.1	262.5	257.1
72.5°	408.6	386.9	355.8	327.4	280.1	248.9	232.7	219.2	212.4	213.8	212.4
75°	316.6	305.8	278.7	257.1	219.2	197.5	182.6	175.9	170.5	171.8	169.1
77.5°	238.1	221.9	207.0	192.1	169.1	151.5	139.4	132.6	128.5	128.5	128.5
80°	162.4	159.6	147.5	139.4	120.4	106.9	97.4	96.1	92.0	92.0	92.0
82.5°	105.5	98.8	92.0	86.6	75.8	67.6	63.6	60.9	59.5	58.2	60.9
85°	58.2	54.1	51.4	46.0	41.9	37.9	33.8	32.5	31.1	32.5	31.1
87.5°	23.0	18.9	18.9	17.6	16.2	14.9	14.9	12.2	12.2	10.8	10.8
90°	23.4	19.0	16.8	15.1	11.7	8.3	4.9	1.5	4.9	8.3	11.7
92.5°	58.2	56.1	55.1	54.1	52.0	50.0	47.9	45.9	47.9	50.0	52.0
95°	105.1	102.4	101.0	99.8	97.4	95.1	92.7	90.3	92.7	95.1	97.4
97.5°	159.1	157.1	156.1	155.2	153.5	151.8	150.1	148.4	150.1	151.8	153.5
100°	219.8	218.1	217.3	216.3	214.2	212.2	210.1	208.1	210.1	212.2	214.2
102.5°	285.1	282.7	281.5	281.0	280.0	278.9	277.9	276.9	277.9	278.9	280.0
105°	351.9	348.8	347.3	347.0	346.3	345.6	345.0	344.3	345.0	345.6	346.3
107.5°	427.4	426.1	425.4	425.2	424.9	424.5	424.2	423.8	424.2	424.5	424.9
110°	501.3	500.6	500.3	500.0	499.3	498.6	498.0	497.3	498.0	498.6	499.3

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	575.3	575.3	575.3	575.1	574.8	574.5	574.1	573.8	574.1	574.5	574.8
115°	653.9	654.6	654.9	654.4	653.4	652.3	651.3	650.3	651.3	652.3	653.4
117.5°	728.8	729.5	729.8	729.6	729.3	729.0	728.6	728.3	728.6	729.0	729.3
120°	806.8	808.5	809.4	808.4	806.3	804.3	802.2	800.2	802.2	804.3	806.3
122.5°	880.3	881.0	881.3	880.6	879.3	877.9	876.6	875.2	876.6	877.9	879.3
125°	955.3	956.0	956.3	955.8	954.8	953.7	952.7	951.7	952.7	953.7	954.8
127.5°	1030.3	1031.0	1031.3	1030.3	1028.2	1026.2	1024.1	1022.1	1024.1	1026.2	1028.2
130°	1103.2	1104.2	1104.7	1103.3	1100.6	1097.9	1095.2	1092.5	1095.2	1097.9	1100.6
132.5°	1174.1	1174.8	1175.1	1173.7	1171.0	1168.3	1165.5	1162.8	1165.5	1168.3	1171.0
135°	1243.4	1243.7	1243.9	1242.9	1240.9	1238.8	1236.8	1234.8	1236.8	1238.8	1240.9
137.5°	1309.7	1308.7	1308.2	1307.3	1305.6	1303.9	1302.2	1300.5	1302.2	1303.9	1305.6
140°	1377.5	1377.2	1377.0	1376.2	1374.5	1372.8	1371.1	1369.4	1371.1	1372.8	1374.5
142.5°	1440.8	1440.1	1439.8	1438.9	1437.2	1435.5	1433.8	1432.1	1433.8	1435.5	1437.2
145°	1502.5	1501.5	1501.0	1500.7	1500.0	1499.3	1498.6	1497.9	1498.6	1499.3	1500.0
147.5°	1562.2	1561.2	1560.7	1560.0	1558.6	1557.3	1555.9	1554.5	1555.9	1557.3	1558.6
150°	1618.3	1617.6	1617.3	1617.0	1616.3	1615.6	1614.9	1614.2	1614.9	1615.6	1616.3
152.5°	1668.3	1668.0	1667.8	1667.3	1666.3	1665.2	1664.2	1663.2	1664.2	1665.2	1666.3
155°	1715.7	1715.4	1715.2	1715.2	1715.2	1715.2	1715.2	1715.2	1715.2	1715.2	1715.2
157.5°	1758.5	1758.2	1758.0	1758.2	1758.5	1758.9	1759.2	1759.6	1759.2	1758.9	1758.5
160°	1797.8	1797.8	1797.8	1798.1	1798.8	1799.5	1800.2	1800.9	1800.2	1799.5	1798.8
162.5°	1833.5	1833.2	1833.0	1833.5	1834.5	1835.6	1836.6	1837.6	1836.6	1835.6	1834.5
165°	1863.6	1863.6	1863.6	1864.1	1865.1	1866.2	1867.2	1868.2	1867.2	1866.2	1865.1
167.5°	1888.6	1888.3	1888.1	1888.8	1890.1	1891.5	1892.8	1894.2	1892.8	1891.5	1890.1
170°	1909.5	1909.5	1909.5	1910.2	1911.5	1912.9	1914.2	1915.6	1914.2	1912.9	1911.5
172.5°	1926.3	1926.3	1926.3	1927.0	1928.4	1929.7	1931.1	1932.5	1931.1	1929.7	1928.4
175°	1937.0	1937.0	1937.0	1937.7	1939.1	1940.4	1941.8	1943.2	1941.8	1940.4	1939.1
177.5°	1943.2	1943.2	1943.2	1943.9	1945.2	1946.6	1947.9	1949.3	1947.9	1946.6	1945.2
180°	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1374.6	1373.2	1375.9	1367.8	1354.3	1347.5	1328.6	1324.5	1323.2	1324.5	1325.9
5°	1336.7	1335.3	1331.3	1317.7	1301.5	1289.3	1266.3	1265.0	1256.9	1248.7	1252.8
7.5°	1300.2	1294.7	1286.6	1269.0	1247.4	1233.9	1214.9	1201.4	1190.6	1183.8	1178.4
10°	1263.6	1255.5	1247.4	1224.4	1197.3	1177.0	1154.0	1143.2	1131.0	1125.6	1120.2
12.5°	1216.3	1208.2	1193.3	1166.2	1150.0	1124.3	1101.3	1090.5	1083.7	1072.9	1066.1
15°	1178.4	1162.2	1154.0	1125.6	1091.8	1089.1	1047.2	1044.5	1030.9	1030.9	1020.1
17.5°	1135.1	1122.9	1108.0	1079.6	1055.3	1030.9	1009.3	1001.2	989.0	986.3	980.9
20°	1093.2	1076.9	1071.5	1043.1	1017.4	987.6	964.6	956.5	951.1	945.7	949.8
22.5°	1049.9	1036.3	1022.8	997.1	978.2	948.4	934.9	926.8	918.6	915.9	917.3
25°	1007.9	995.7	982.2	956.5	936.2	911.9	899.7	895.6	891.6	891.6	890.2
27.5°	967.3	955.2	943.0	920.0	899.7	882.1	872.6	868.6	864.5	867.2	869.9
30°	925.4	914.6	903.8	883.5	867.2	851.0	845.6	842.9	841.5	848.3	848.3
32.5°	887.5	878.0	869.9	851.0	834.8	821.2	817.2	818.5	819.9	823.9	826.6
35°	848.3	841.5	833.4	817.2	803.6	791.5	792.8	792.8	795.5	802.3	807.7
37.5°	813.1	803.6	796.9	783.3	772.5	761.7	765.8	769.8	772.5	780.6	783.3
40°	771.2	767.1	761.7	748.2	738.7	737.3	738.7	741.4	746.8	750.9	754.9
42.5°	737.3	731.9	725.2	714.3	706.2	707.6	708.9	711.6	714.3	721.1	725.2
45°	699.5	695.4	690.0	680.5	673.8	675.1	676.5	676.5	679.2	687.3	690.0
47.5°	657.5	658.9	652.1	642.6	638.6	638.6	638.6	641.3	648.0	650.8	652.1
50°	616.9	614.2	612.9	603.4	600.7	599.3	600.7	602.0	611.5	610.2	614.2
52.5°	573.6	573.6	572.3	566.9	562.8	562.8	560.1	566.9	569.6	572.3	576.3
55°	531.7	527.6	526.3	523.6	518.2	516.8	519.5	527.6	530.3	533.1	537.1
57.5°	485.7	485.7	483.0	478.9	478.9	478.9	478.9	484.3	488.4	491.1	499.2
60°	443.8	438.3	434.3	434.3	434.3	432.9	441.1	441.1	449.2	450.5	453.2
62.5°	393.7	391.0	388.3	389.6	388.3	391.0	393.7	399.1	400.5	404.5	408.6
65°	346.3	346.3	343.6	351.8	346.3	346.3	353.1	353.1	355.8	359.9	365.3
67.5°	300.3	301.7	299.0	299.0	301.7	303.1	304.4	309.8	311.2	316.6	323.3
70°	253.0	255.7	257.1	254.3	257.1	259.8	262.5	263.8	269.2	271.9	276.0
72.5°	211.1	213.8	209.7	211.1	212.4	215.1	216.5	219.2	221.9	230.0	232.7
75°	169.1	167.8	166.4	171.8	169.1	174.5	175.9	175.9	178.6	185.4	188.1
77.5°	129.9	129.9	131.2	128.5	132.6	131.2	132.6	136.6	140.7	140.7	151.5
80°	90.6	93.4	93.4	93.4	94.7	96.1	93.4	100.1	101.5	101.5	105.5
82.5°	58.2	59.5	58.2	60.9	60.9	63.6	62.2	63.6	66.3	69.0	70.4
85°	31.1	31.1	33.8	33.8	32.5	33.8	32.5	33.8	36.5	36.5	37.9
87.5°	10.8	10.8	10.8	10.8	12.2	10.8	12.2	12.2	10.8	10.8	14.9
90°	15.1	16.8	19.0	23.4	27.9	32.3	36.7	38.1	39.4	40.8	42.1
92.5°	54.1	55.1	56.1	58.2	60.2	62.3	64.3	65.3	66.3	67.4	68.4
95°	99.8	101.0	102.4	105.1	107.8	110.5	113.2	114.6	115.9	117.3	118.6
97.5°	155.2	156.1	157.1	159.1	161.2	163.2	165.2	166.9	168.6	170.3	172.0
100°	216.3	217.3	218.1	219.8	221.5	223.2	224.9	225.9	226.9	228.0	229.0
102.5°	281.0	281.5	282.7	285.1	287.4	289.8	292.2	293.2	294.2	295.3	296.3
105°	347.0	347.3	348.8	351.9	355.0	358.0	361.1	361.1	361.1	361.1	361.1
107.5°	425.2	425.4	426.1	427.4	428.8	430.1	431.5	432.5	433.5	434.6	435.6
110°	500.0	500.3	500.6	501.3	502.0	502.7	503.4	504.8	506.1	507.5	508.8

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	575.1	575.3	575.3	575.3	575.3	575.3	575.3	577.0	578.7	580.4	582.1
115°	654.4	654.9	654.6	653.9	653.2	652.5	651.8	652.1	652.5	652.8	653.1
117.5°	729.6	729.8	729.5	728.8	728.1	727.5	726.8	726.8	726.8	726.8	726.8
120°	808.4	809.4	808.5	806.8	805.1	803.4	801.7	801.4	801.0	800.7	800.4
122.5°	880.6	881.3	881.0	880.3	879.6	879.0	878.3	877.3	876.3	875.2	874.2
125°	955.8	956.3	956.0	955.3	954.6	953.9	953.2	951.8	950.5	949.1	947.8
127.5°	1030.3	1031.3	1031.0	1030.3	1029.6	1028.9	1028.2	1026.2	1024.1	1022.1	1020.0
130°	1103.3	1104.7	1104.2	1103.2	1102.1	1101.1	1100.1	1098.7	1097.4	1096.0	1094.7
132.5°	1173.7	1175.1	1174.8	1174.1	1173.4	1172.7	1172.0	1170.3	1168.6	1166.9	1165.2
135°	1242.9	1243.9	1243.7	1243.4	1243.1	1242.7	1242.4	1241.0	1239.7	1238.3	1237.0
137.5°	1307.3	1308.2	1308.7	1309.7	1310.8	1311.8	1312.8	1311.1	1309.4	1307.7	1306.0
140°	1376.2	1377.0	1377.2	1377.5	1377.9	1378.2	1378.6	1378.2	1377.9	1377.5	1377.2
142.5°	1438.9	1439.8	1440.1	1440.8	1441.5	1442.1	1442.8	1442.5	1442.1	1441.8	1441.5
145°	1500.7	1501.0	1501.5	1502.5	1503.6	1504.6	1505.6	1505.2	1504.9	1504.5	1504.2
147.5°	1560.0	1560.7	1561.2	1562.2	1563.2	1564.2	1565.2	1565.2	1565.2	1565.2	1565.2
150°	1617.0	1617.3	1617.6	1618.3	1619.0	1619.6	1620.3	1620.3	1620.3	1620.3	1620.3
152.5°	1667.3	1667.8	1668.0	1668.3	1668.6	1669.0	1669.3	1670.0	1670.6	1671.3	1672.0
155°	1715.2	1715.2	1715.4	1715.7	1716.0	1716.4	1716.7	1718.1	1719.4	1720.8	1722.1
157.5°	1758.2	1758.0	1758.2	1758.5	1758.9	1759.2	1759.6	1761.0	1762.3	1763.7	1765.0
160°	1798.1	1797.8	1797.8	1797.8	1797.8	1797.8	1797.8	1799.5	1801.2	1802.9	1804.6
162.5°	1833.5	1833.0	1833.2	1833.5	1833.8	1834.2	1834.5	1836.2	1837.9	1839.6	1841.3
165°	1864.1	1863.6	1863.6	1863.6	1863.6	1863.6	1863.6	1865.6	1867.7	1869.7	1871.8
167.5°	1888.8	1888.1	1888.3	1888.6	1888.9	1889.3	1889.6	1891.6	1893.7	1895.7	1897.8
170°	1910.2	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1911.9	1914.3	1916.6	1919.0
172.5°	1927.0	1926.3	1926.3	1926.3	1926.3	1926.3	1926.3	1928.3	1930.4	1932.4	1934.5
175°	1937.7	1937.0	1937.0	1937.0	1937.0	1937.0	1937.0	1939.0	1941.1	1943.1	1945.2
177.5°	1943.9	1943.2	1943.2	1943.2	1943.2	1943.2	1943.2	1945.2	1947.2	1949.3	1951.3
180°	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1324.5	1325.9	1320.5	1316.4	1327.2	1320.5	1320.5	1321.8	1319.1	1323.2	1321.8
5°	1250.1	1251.5	1242.0	1244.7	1239.3	1237.9	1236.6	1244.7	1243.3	1242.0	1244.7
7.5°	1177.0	1177.0	1173.0	1170.3	1170.3	1166.2	1171.6	1170.3	1173.0	1173.0	1177.0
10°	1116.2	1118.9	1112.1	1105.3	1104.0	1105.3	1105.3	1106.7	1108.0	1117.5	1116.2
12.5°	1066.1	1062.0	1060.7	1056.6	1049.9	1047.2	1044.5	1059.3	1055.3	1055.3	1055.3
15°	1010.6	1020.1	1018.7	1006.6	1003.9	1009.3	1006.6	1006.6	1020.1	1018.7	1017.4
17.5°	980.9	978.2	975.5	968.7	970.0	968.7	970.0	970.0	978.2	978.2	978.2
20°	947.0	941.6	941.6	938.9	938.9	934.9	940.3	941.6	947.0	947.0	948.4
22.5°	917.3	913.2	913.2	911.9	914.6	909.2	914.6	915.9	915.9	920.0	920.0
25°	891.6	888.9	888.9	891.6	891.6	891.6	891.6	897.0	892.9	894.3	892.9
27.5°	868.6	869.9	871.3	872.6	871.3	872.6	874.0	876.7	878.0	876.7	874.0
30°	846.9	851.0	852.3	852.3	855.0	856.4	857.8	857.8	859.1	855.0	857.8
32.5°	830.7	830.7	833.4	834.8	837.5	838.8	838.8	841.5	840.2	836.1	837.5
35°	807.7	807.7	813.1	815.8	819.9	818.5	819.9	819.9	821.2	818.5	814.5
37.5°	784.7	787.4	787.4	792.8	794.2	795.5	794.2	796.9	795.5	792.8	791.5
40°	757.6	756.3	757.6	761.7	763.0	763.0	763.0	765.8	765.8	765.8	764.4
42.5°	723.8	727.9	726.5	730.6	729.2	729.2	731.9	734.6	736.0	731.9	733.3
45°	691.3	691.3	694.0	694.0	695.4	695.4	700.8	698.1	700.8	698.1	699.5
47.5°	656.2	657.5	657.5	658.9	661.6	664.3	661.6	662.9	662.9	664.3	661.6
50°	616.9	616.9	619.6	623.7	629.1	626.4	625.0	630.5	626.4	626.4	623.7
52.5°	576.3	580.4	581.8	585.8	589.9	591.2	592.6	589.9	591.2	587.2	588.5
55°	537.1	538.5	543.9	547.9	552.0	552.0	550.6	552.0	553.3	547.9	547.9
57.5°	497.9	501.9	507.3	507.3	512.8	512.8	511.4	511.4	512.8	508.7	507.3
60°	455.9	460.0	466.8	466.8	474.9	476.2	473.5	470.8	470.8	466.8	468.1
62.5°	411.3	415.3	419.4	426.2	431.6	428.9	434.3	428.9	430.2	422.1	422.1
65°	372.1	373.4	380.2	386.9	386.9	389.6	386.9	388.3	384.2	384.2	378.8
67.5°	326.1	326.1	332.8	339.6	346.3	346.3	346.3	342.3	342.3	338.2	338.2
70°	285.5	284.1	290.9	294.9	299.0	300.3	297.6	296.3	293.6	289.5	288.2
72.5°	235.4	238.1	244.9	247.6	254.3	253.0	259.8	251.6	251.6	244.9	243.5
75°	190.8	193.5	200.2	204.3	208.3	208.3	212.4	208.3	202.9	200.2	198.9
77.5°	151.5	150.2	155.6	162.4	163.7	162.4	165.1	163.7	158.3	158.3	155.6
80°	108.2	112.3	117.7	116.4	121.8	120.4	120.4	117.7	117.7	113.6	116.4
82.5°	71.7	75.8	77.1	75.8	77.1	79.8	81.2	79.8	79.8	77.1	78.5
85°	37.9	37.9	40.6	41.9	40.6	40.6	41.9	46.0	43.3	40.6	43.3
87.5°	12.2	10.8	10.8	12.2	10.8	10.8	12.2	12.2	13.5	13.5	13.5
90°	42.8	43.1	43.8	44.5	45.2	45.9	45.2	44.5	43.8	43.1	42.8
92.5°	68.9	68.6	67.9	67.2	66.5	65.8	66.5	67.2	67.9	68.6	68.9
95°	119.3	119.3	119.3	119.3	119.3	119.3	119.3	119.3	119.3	119.3	119.3
97.5°	172.9	172.7	172.4	172.1	171.7	171.4	171.7	172.1	172.4	172.7	172.9
100°	229.5	229.8	230.5	231.2	231.9	232.6	231.9	231.2	230.5	229.8	229.5
102.5°	296.8	296.6	296.3	296.0	295.6	295.3	295.6	296.0	296.3	296.6	296.8
105°	361.1	361.4	362.1	362.8	363.5	364.2	363.5	362.8	362.1	361.4	361.1
107.5°	436.1	435.9	435.6	435.2	434.9	434.5	434.9	435.2	435.6	435.9	436.1
110°	509.5	509.2	508.5	507.8	507.1	506.4	507.1	507.8	508.5	509.2	509.5

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0
115°	653.3	653.1	652.8	652.5	652.1	651.8	652.1	652.5	652.8	653.1	653.3
117.5°	726.8	726.3	725.3	724.2	723.2	722.2	723.2	724.2	725.3	726.3	726.8
120°	800.2	799.9	799.2	798.5	797.9	797.2	797.9	798.5	799.2	799.9	800.2
122.5°	873.7	873.2	872.2	871.1	870.1	869.1	870.1	871.1	872.2	873.2	873.7
125°	947.1	946.4	945.1	943.7	942.4	941.0	942.4	943.7	945.1	946.4	947.1
127.5°	1019.0	1018.3	1017.0	1015.6	1014.3	1012.9	1014.3	1015.6	1017.0	1018.3	1019.0
130°	1094.0	1092.8	1090.4	1088.1	1085.7	1083.3	1085.7	1088.1	1090.4	1092.8	1094.0
132.5°	1164.4	1163.5	1161.8	1160.1	1158.4	1156.7	1158.4	1160.1	1161.8	1163.5	1164.4
135°	1236.3	1236.0	1235.3	1234.6	1233.9	1233.2	1233.9	1234.6	1235.3	1236.0	1236.3
137.5°	1305.1	1304.6	1303.6	1302.5	1301.5	1300.5	1301.5	1302.5	1303.6	1304.6	1305.1
140°	1377.0	1375.8	1373.4	1371.1	1368.7	1366.3	1368.7	1371.1	1373.4	1375.8	1377.0
142.5°	1441.3	1440.5	1438.8	1437.1	1435.4	1433.7	1435.4	1437.1	1438.8	1440.5	1441.3
145°	1504.0	1503.3	1502.0	1500.6	1499.3	1497.9	1499.3	1500.6	1502.0	1503.3	1504.0
147.5°	1565.2	1564.2	1562.2	1560.1	1558.1	1556.1	1558.1	1560.1	1562.2	1564.2	1565.2
150°	1620.3	1619.3	1617.2	1615.2	1613.1	1611.1	1613.1	1615.2	1617.2	1619.3	1620.3
152.5°	1672.3	1671.5	1669.8	1668.1	1666.4	1664.7	1666.4	1668.1	1669.8	1671.5	1672.3
155°	1722.8	1721.6	1719.2	1716.9	1714.5	1712.1	1714.5	1716.9	1719.2	1721.6	1722.8
157.5°	1765.7	1764.7	1762.6	1760.6	1758.5	1756.5	1758.5	1760.6	1762.6	1764.7	1765.7
160°	1805.5	1804.8	1803.4	1802.1	1800.7	1799.3	1800.7	1802.1	1803.4	1804.8	1805.5
162.5°	1842.2	1841.0	1838.6	1836.3	1833.9	1831.5	1833.9	1836.3	1838.6	1841.0	1842.2
165°	1872.8	1871.6	1869.2	1866.9	1864.5	1862.1	1864.5	1866.9	1869.2	1871.6	1872.8
167.5°	1898.8	1897.8	1895.7	1893.7	1891.6	1889.6	1891.6	1893.7	1895.7	1897.8	1898.8
170°	1920.2	1919.0	1916.6	1914.3	1911.9	1909.5	1911.9	1914.3	1916.6	1919.0	1920.2
172.5°	1935.5	1934.3	1931.9	1929.6	1927.2	1924.8	1927.2	1929.6	1931.9	1934.3	1935.5
175°	1946.2	1945.0	1942.6	1940.3	1937.9	1935.5	1937.9	1940.3	1942.6	1945.0	1946.2
177.5°	1952.3	1951.1	1948.7	1946.4	1944.0	1941.6	1944.0	1946.4	1948.7	1951.1	1952.3
180°	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1325.9	1328.6	1329.9	1324.5	1320.5	1327.2	1336.7	1343.5	1348.9	1355.6	1359.7
5°	1247.4	1256.9	1256.9	1259.6	1263.6	1270.4	1288.0	1300.2	1311.0	1319.1	1325.9
7.5°	1181.1	1187.9	1191.9	1198.7	1205.5	1214.9	1235.2	1252.8	1269.0	1278.5	1289.3
10°	1121.6	1127.0	1133.7	1137.8	1150.0	1163.5	1189.2	1204.1	1223.0	1237.9	1251.5
12.5°	1064.7	1083.7	1087.7	1086.4	1097.2	1112.1	1137.8	1160.8	1181.1	1196.0	1210.9
15°	1024.2	1030.9	1039.0	1037.7	1060.7	1064.7	1086.4	1113.5	1140.5	1150.0	1163.5
17.5°	979.5	990.3	998.5	1002.5	1009.3	1024.2	1044.5	1064.7	1099.9	1101.3	1136.5
20°	944.3	955.2	960.6	966.0	970.0	987.6	1005.2	1028.2	1056.6	1071.5	1090.5
22.5°	921.3	926.8	930.8	934.9	940.3	949.8	971.4	997.1	1016.0	1032.3	1044.5
25°	894.3	899.7	905.1	907.8	911.9	917.3	933.5	953.8	980.9	991.7	1003.9
27.5°	875.3	875.3	878.0	878.0	883.5	888.9	901.0	920.0	941.6	955.2	971.4
30°	855.0	853.7	855.0	853.7	852.3	860.5	871.3	887.5	902.4	918.6	929.5
32.5°	834.8	833.4	833.4	834.8	829.3	833.4	838.8	853.7	869.9	878.0	890.2
35°	813.1	810.4	810.4	810.4	807.7	805.0	810.4	823.9	834.8	845.6	855.0
37.5°	791.5	787.4	787.4	784.7	782.0	777.9	777.9	788.8	803.6	807.7	819.9
40°	761.7	761.7	759.0	757.6	754.9	752.2	748.2	757.6	771.2	775.2	784.7
42.5°	731.9	727.9	726.5	726.5	726.5	722.5	719.8	726.5	734.6	741.4	746.8
45°	698.1	695.4	696.8	695.4	692.7	691.3	690.0	692.7	702.2	704.9	711.6
47.5°	661.6	660.2	660.2	658.9	657.5	658.9	653.5	660.2	662.9	665.6	671.0
50°	623.7	622.3	621.0	619.6	619.6	621.0	619.6	619.6	625.0	627.8	633.2
52.5°	585.8	581.8	581.8	580.4	580.4	577.7	580.4	581.8	584.5	587.2	589.9
55°	545.2	545.2	541.2	541.2	538.5	538.5	539.8	538.5	543.9	546.6	546.6
57.5°	506.0	500.6	501.9	499.2	496.5	495.2	495.2	497.9	500.6	500.6	503.3
60°	464.1	458.6	457.3	451.9	454.6	450.5	451.9	451.9	457.3	454.6	457.3
62.5°	422.1	415.3	411.3	408.6	408.6	409.9	407.2	405.9	408.6	411.3	416.7
65°	377.5	373.4	369.3	365.3	365.3	363.9	366.6	362.6	361.2	362.6	365.3
67.5°	331.5	327.4	323.3	319.3	320.6	316.6	313.9	317.9	315.2	316.6	319.3
70°	286.8	284.1	276.0	273.3	271.9	273.3	271.9	269.2	273.3	271.9	273.3
72.5°	242.2	239.5	235.4	228.6	228.6	227.3	225.9	225.9	224.6	224.6	224.6
75°	198.9	193.5	189.4	188.1	185.4	184.0	182.6	179.9	181.3	182.6	179.9
77.5°	154.2	147.5	146.1	146.1	142.1	142.1	143.4	142.1	140.7	140.7	140.7
80°	113.6	108.2	108.2	105.5	102.8	102.8	102.8	102.8	101.5	100.1	101.5
82.5°	73.1	71.7	70.4	70.4	73.1	67.6	70.4	69.0	67.6	67.6	66.3
85°	40.6	41.9	40.6	41.9	39.2	40.6	40.6	40.6	39.2	40.6	37.9
87.5°	14.9	14.9	14.9	16.2	16.2	16.2	16.2	16.2	17.6	16.2	16.2
90°	42.1	40.8	39.4	38.1	36.7	32.3	27.9	23.4	19.0	16.8	15.1
92.5°	68.4	67.4	66.3	65.3	64.3	62.3	60.2	58.2	56.1	55.1	54.1
95°	118.6	117.3	115.9	114.6	113.2	110.5	107.8	105.1	102.4	101.0	99.8
97.5°	172.0	170.3	168.6	166.9	165.2	163.2	161.2	159.1	157.1	156.1	155.2
100°	229.0	228.0	226.9	225.9	224.9	223.2	221.5	219.8	218.1	217.3	216.3
102.5°	296.3	295.3	294.2	293.2	292.2	289.8	287.4	285.1	282.7	281.5	281.0
105°	361.1	361.1	361.1	361.1	361.1	358.0	355.0	351.9	348.8	347.3	347.0
107.5°	435.6	434.6	433.5	432.5	431.5	430.1	428.8	427.4	426.1	425.4	425.2
110°	508.8	507.5	506.1	504.8	503.4	502.7	502.0	501.3	500.6	500.3	500.0

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	582.1	580.4	578.7	577.0	575.3	575.3	575.3	575.3	575.3	575.3	575.1
115°	653.1	652.8	652.5	652.1	651.8	652.5	653.2	653.9	654.6	654.9	654.4
117.5°	726.8	726.8	726.8	726.8	726.8	727.5	728.1	728.8	729.5	729.8	729.6
120°	800.4	800.7	801.0	801.4	801.7	803.4	805.1	806.8	808.5	809.4	808.4
122.5°	874.2	875.2	876.3	877.3	878.3	879.0	879.6	880.3	881.0	881.3	880.6
125°	947.8	949.1	950.5	951.8	953.2	953.9	954.6	955.3	956.0	956.3	955.8
127.5°	1020.0	1022.1	1024.1	1026.2	1028.2	1028.9	1029.6	1030.3	1031.0	1031.3	1030.3
130°	1094.7	1096.0	1097.4	1098.7	1100.1	1101.1	1102.1	1103.2	1104.2	1104.7	1103.3
132.5°	1165.2	1166.9	1168.6	1170.3	1172.0	1172.7	1173.4	1174.1	1174.8	1175.1	1173.7
135°	1237.0	1238.3	1239.7	1241.0	1242.4	1242.7	1243.1	1243.4	1243.7	1243.9	1242.9
137.5°	1306.0	1307.7	1309.4	1311.1	1312.8	1311.8	1310.8	1309.7	1308.7	1308.2	1307.3
140°	1377.2	1377.5	1377.9	1378.2	1378.6	1378.2	1377.9	1377.5	1377.2	1377.0	1376.2
142.5°	1441.5	1441.8	1442.1	1442.5	1442.8	1442.1	1441.5	1440.8	1440.1	1439.8	1438.9
145°	1504.2	1504.5	1504.9	1505.2	1505.6	1504.6	1503.6	1502.5	1501.5	1501.0	1500.7
147.5°	1565.2	1565.2	1565.2	1565.2	1565.2	1564.2	1563.2	1562.2	1561.2	1560.7	1560.0
150°	1620.3	1620.3	1620.3	1620.3	1620.3	1619.6	1619.0	1618.3	1617.6	1617.3	1617.0
152.5°	1672.0	1671.3	1670.6	1670.0	1669.3	1669.0	1668.6	1668.3	1668.0	1667.8	1667.3
155°	1722.1	1720.8	1719.4	1718.1	1716.7	1716.4	1716.0	1715.7	1715.4	1715.2	1715.2
157.5°	1765.0	1763.7	1762.3	1761.0	1759.6	1759.2	1758.9	1758.5	1758.2	1758.0	1758.2
160°	1804.6	1802.9	1801.2	1799.5	1797.8	1797.8	1797.8	1797.8	1797.8	1797.8	1798.1
162.5°	1841.3	1839.6	1837.9	1836.2	1834.5	1834.2	1833.8	1833.5	1833.2	1833.0	1833.5
165°	1871.8	1869.7	1867.7	1865.6	1863.6	1863.6	1863.6	1863.6	1863.6	1863.6	1864.1
167.5°	1897.8	1895.7	1893.7	1891.6	1889.6	1889.3	1888.9	1888.6	1888.3	1888.1	1888.8
170°	1919.0	1916.6	1914.3	1911.9	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1910.2
172.5°	1934.5	1932.4	1930.4	1928.3	1926.3	1926.3	1926.3	1926.3	1926.3	1926.3	1927.0
175°	1945.2	1943.1	1941.1	1939.0	1937.0	1937.0	1937.0	1937.0	1937.0	1937.0	1937.7
177.5°	1951.3	1949.3	1947.2	1945.2	1943.2	1943.2	1943.2	1943.2	1943.2	1943.2	1943.9
180°	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8	1947.8

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1396.2	1396.2	1396.2	1396.2
2.5°	1366.5	1370.5	1384.0	1400.3
5°	1339.4	1350.2	1369.2	1394.9
7.5°	1309.6	1325.9	1352.9	1385.4
10°	1275.8	1298.8	1332.6	1373.2
12.5°	1239.3	1269.0	1312.3	1354.3
15°	1216.3	1246.0	1285.3	1331.3
17.5°	1171.6	1206.8	1247.4	1312.3
20°	1125.6	1164.9	1217.6	1282.6
22.5°	1090.5	1132.4	1182.5	1251.5
25°	1048.5	1091.8	1145.9	1217.6
27.5°	1003.9	1047.2	1108.0	1183.8
30°	970.0	1012.0	1070.2	1151.3
32.5°	929.5	970.0	1030.9	1116.2
35°	883.5	929.5	987.6	1074.2
37.5°	848.3	890.2	951.1	1033.6
40°	810.4	846.9	906.5	987.6
42.5°	769.8	810.4	861.8	943.0
45°	731.9	761.7	814.5	891.6
47.5°	691.3	725.2	765.8	825.3
50°	648.0	676.5	721.1	761.7
52.5°	606.1	629.1	667.0	698.1
55°	561.5	584.5	612.9	631.8
57.5°	519.5	535.8	554.7	566.9
60°	468.1	484.3	496.5	508.7
62.5°	422.1	434.3	441.1	447.8
65°	374.8	381.5	385.6	391.0
67.5°	323.3	330.1	331.5	339.6
70°	276.0	277.3	280.1	284.1
72.5°	231.3	234.1	232.7	235.4
75°	185.4	188.1	185.4	188.1
77.5°	140.7	143.4	143.4	147.5
80°	101.5	102.8	104.2	104.2
82.5°	66.3	70.4	67.6	69.0
85°	37.9	39.2	39.2	40.6
87.5°	17.6	18.9	17.6	20.3
90°	11.7	8.3	4.9	1.5
92.5°	52.0	50.0	47.9	45.9
95°	97.4	95.1	92.7	90.3
97.5°	153.5	151.8	150.1	148.4
100°	214.2	212.2	210.1	208.1
102.5°	280.0	278.9	277.9	276.9
105°	346.3	345.6	345.0	344.3
107.5°	424.9	424.5	424.2	423.8
110°	499.3	498.6	498.0	497.3

TEST NUMBER: P1031328

CATALOG NUMBER: S123DIW-B1000D1535UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	574.8	574.5	574.1	573.8
115°	653.4	652.3	651.3	650.3
117.5°	729.3	729.0	728.6	728.3
120°	806.3	804.3	802.2	800.2
122.5°	879.3	877.9	876.6	875.2
125°	954.8	953.7	952.7	951.7
127.5°	1028.2	1026.2	1024.1	1022.1
130°	1100.6	1097.9	1095.2	1092.5
132.5°	1171.0	1168.3	1165.5	1162.8
135°	1240.9	1238.8	1236.8	1234.8
137.5°	1305.6	1303.9	1302.2	1300.5
140°	1374.5	1372.8	1371.1	1369.4
142.5°	1437.2	1435.5	1433.8	1432.1
145°	1500.0	1499.3	1498.6	1497.9
147.5°	1558.6	1557.3	1555.9	1554.5
150°	1616.3	1615.6	1614.9	1614.2
152.5°	1666.3	1665.2	1664.2	1663.2
155°	1715.2	1715.2	1715.2	1715.2
157.5°	1758.5	1758.9	1759.2	1759.6
160°	1798.8	1799.5	1800.2	1800.9
162.5°	1834.5	1835.6	1836.6	1837.6
165°	1865.1	1866.2	1867.2	1868.2
167.5°	1890.1	1891.5	1892.8	1894.2
170°	1911.5	1912.9	1914.2	1915.6
172.5°	1928.4	1929.7	1931.1	1932.5
175°	1939.1	1940.4	1941.8	1943.2
177.5°	1945.2	1946.6	1947.9	1949.3
180°	1947.8	1947.8	1947.8	1947.8

(END OF REPORT)