

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: P1030655

Luminaire Tested: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1030655
REPORT IS A COMBINATION OF REPORTS P990596 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K
Description: Define 3 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

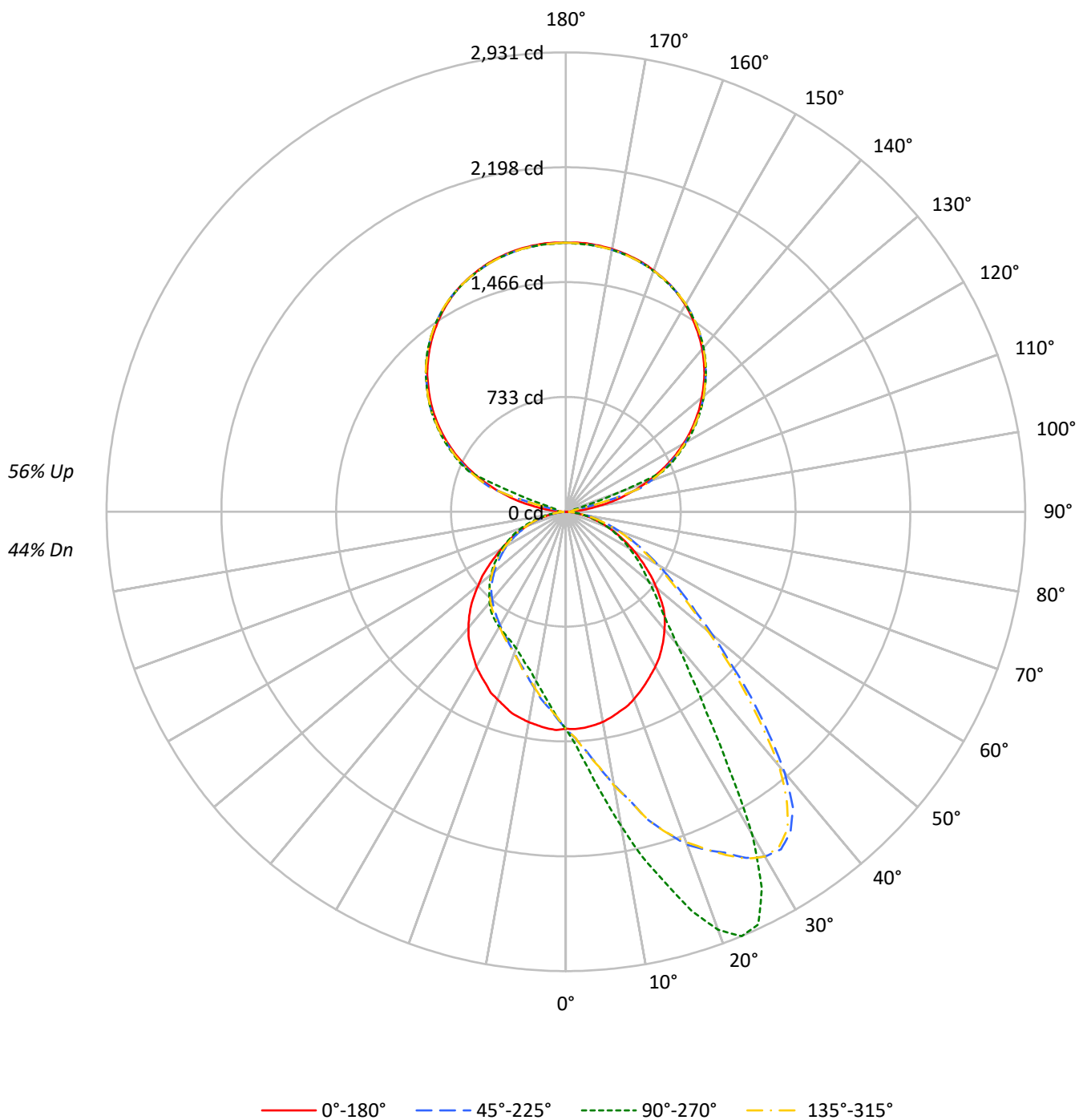
Lumens per Lamp: N/A
Luminaire Lumens: 9415.0 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1030655

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14900	14900	14900	14900
5°	14910	17168	14954	12813
10°	14816	20775	14830	11189
15°	14611	24639	14729	10072
20°	14434	28367	14465	9268
25°	14172	29082	14204	8849
30°	13986	24027	13986	8574
35°	13754	16069	13667	8330
40°	13476	11600	13310	7959
45°	13128	9189	12750	7497
50°	12280	7803	11845	7043
55°	11350	6857	10888	6537
60°	10408	5971	9853	6005
65°	9372	5112	8918	5296
70°	8296	4243	7742	4465
75°	7091	3200	6634	3447
80°	5608	2137	5168	2264
85°	3861	982	3093	891

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 24030 cd/sqm

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.1	1.4
10°-20°	437.3	4.6
20°-30°	735.8	7.8
30°-40°	831.5	8.8
40°-50°	744.7	7.9
50°-60°	601.2	6.4
60°-70°	418.9	4.4
70°-80°	219.9	2.3
80°-90°	56.1	0.6
90°-100°	60.5	0.6
100°-110°	292.7	3.1
110°-120°	717.2	7.6
120°-130°	910.5	9.7
130°-140°	972.7	10.3
140°-150°	909.6	9.7
150°-160°	733.7	7.8
160°-170°	473.5	5.0
170°-180°	163.2	1.7
0°-30°	1309.2	13.9
0°-40°	2140.6	22.7
0°-60°	3486.5	37.0
0°-90°	4181.4	44.4
90°-120°	1070.5	11.4
90°-150°	3863.3	41.0
90°-180°	5234.0	55.6
0°-180°	9415.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1384	1384	1384	1384	1384	
5°	1383	1644	1387	1227	1383	131
15°	1320	2448	1331	1001	1320	373
25°	1207	2905	1210	884	1207	557
35°	1065	1565	1058	812	1065	667
45°	884	845	858	690	884	676
55°	626	574	601	547	626	561
65°	388	373	369	386	388	386
75°	186	192	174	207	186	200
85°	40	44	32	40	40	46
90°	1	38	1	38	1	7
95°	78	48	78	48	78	93
105°	380	56	380	56	380	403
115°	713	750	713	750	713	704
125°	1005	1025	1005	1025	1005	898
135°	1251	1264	1251	1264	1251	963
145°	1444	1458	1444	1458	1444	904
155°	1590	1588	1590	1588	1590	733
165°	1677	1673	1677	1673	1677	474
175°	1717	1710	1717	1710	1717	163
180°	1717	1717	1717	1717	1717	

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1388.3	1399.0	1404.4	1412.5	1420.5	1432.6	1436.6	1443.3	1440.6	1446.0	1448.7
5°	1382.9	1401.7	1417.8	1437.9	1456.7	1470.1	1483.5	1505.0	1521.1	1523.8	1535.9
7.5°	1373.6	1400.4	1428.6	1456.7	1492.9	1514.4	1538.5	1568.1	1592.2	1631.1	1645.9
10°	1361.5	1399.0	1439.3	1478.2	1527.8	1561.3	1590.9	1640.5	1690.1	1730.4	1767.9
12.5°	1342.7	1389.7	1442.0	1499.6	1564.0	1602.9	1643.2	1708.9	1784.0	1845.7	1886.0
15°	1319.9	1378.9	1446.0	1507.7	1578.8	1651.2	1694.1	1767.9	1875.2	1932.9	2036.2
17.5°	1301.1	1361.5	1428.6	1525.1	1621.7	1694.1	1725.0	1860.5	1934.2	2030.8	2147.5
20°	1271.6	1348.1	1433.9	1530.5	1655.2	1699.5	1762.6	1899.4	1990.6	2116.7	2260.2
22.5°	1240.8	1322.6	1425.9	1526.5	1666.0	1712.9	1798.8	1907.4	2052.3	2177.0	2335.3
25°	1207.2	1295.8	1400.4	1519.8	1656.6	1725.0	1805.5	1939.6	2096.6	2253.5	2399.7
27.5°	1173.7	1270.3	1378.9	1498.3	1631.1	1711.6	1792.1	1931.6	2132.8	2303.1	2489.6
30°	1141.5	1238.1	1346.7	1468.8	1608.3	1686.1	1762.6	1936.9	2160.9	2352.8	2540.5
32.5°	1106.6	1205.9	1319.9	1421.8	1562.7	1645.9	1731.7	1936.9	2178.4	2382.3	2554.0
35°	1065.0	1167.0	1264.9	1366.8	1506.4	1598.9	1695.5	1923.5	2194.5	2391.7	2497.6
37.5°	1024.8	1114.7	1199.2	1298.4	1444.6	1543.9	1655.2	1907.4	2186.4	2351.4	2380.9
40°	979.2	1069.1	1137.5	1230.0	1384.3	1499.6	1612.3	1886.0	2151.5	2256.2	2170.3
42.5°	934.9	1006.0	1065.0	1154.9	1322.6	1435.3	1557.3	1847.1	2083.1	2104.6	1911.4
45°	884.0	934.9	987.2	1089.2	1255.5	1370.9	1506.4	1790.7	1973.1	1911.4	1667.3
47.5°	818.2	863.8	921.5	1015.4	1184.4	1303.8	1432.6	1718.3	1813.5	1684.8	1417.8
50°	755.2	794.1	847.7	939.0	1109.3	1226.0	1362.8	1604.3	1651.2	1448.7	1222.0
52.5°	692.1	721.7	774.0	865.2	1035.5	1148.2	1273.0	1487.6	1460.7	1243.4	1042.2
55°	626.4	651.9	701.5	791.4	949.7	1057.0	1176.4	1344.0	1274.3	1067.7	906.8
57.5°	562.0	588.9	639.8	714.9	863.8	968.5	1063.7	1195.2	1090.5	925.5	783.4
60°	504.4	527.2	566.1	639.8	775.3	859.8	947.0	1036.9	949.7	790.1	681.4
62.5°	444.0	465.5	501.7	568.7	685.4	760.6	830.3	904.1	807.5	690.8	594.2
65°	387.7	405.1	438.6	500.3	595.6	657.3	713.6	764.6	686.8	579.5	507.0
67.5°	336.7	351.4	379.6	434.6	515.1	559.3	605.0	647.9	582.2	496.3	434.6
70°	281.7	293.8	319.2	359.5	423.9	469.5	503.0	535.2	476.2	407.8	366.2
72.5°	233.4	245.5	261.6	303.1	347.4	375.6	411.8	429.2	395.7	339.4	297.8
75°	186.4	195.8	210.6	237.4	279.0	297.8	320.6	334.0	303.1	265.6	240.1
77.5°	146.2	150.2	161.0	179.7	207.9	229.4	246.8	254.9	233.4	209.3	187.8
80°	103.3	108.7	116.7	132.8	154.3	161.0	171.7	181.1	167.7	146.2	132.8
82.5°	68.4	75.1	79.1	85.8	99.3	107.3	110.0	118.0	106.0	97.9	92.6
85°	40.2	42.9	44.3	48.3	55.0	59.0	63.0	64.4	61.7	60.4	55.0
87.5°	20.1	20.1	20.1	22.8	24.1	26.8	28.2	28.2	28.2	26.8	25.5
90°	1.3	4.1	6.9	9.8	12.6	14.0	15.8	19.5	23.2	26.9	30.6
92.5°	29.3	27.6	25.9	24.2	22.5	21.7	23.0	25.5	28.1	30.6	33.2
95°	77.8	66.2	54.6	42.9	31.3	25.5	27.1	30.2	33.3	36.4	39.5
97.5°	141.6	133.7	125.7	117.8	109.9	105.9	98.7	84.2	69.7	55.3	40.8
100°	215.5	221.2	226.9	232.6	238.3	241.1	219.0	174.8	130.5	86.3	42.1
102.5°	299.7	303.4	307.1	310.8	314.5	316.3	291.6	242.3	193.0	143.7	94.4
105°	380.1	383.2	386.3	389.4	392.5	394.1	381.3	355.8	330.3	304.8	279.3
107.5°	465.5	468.1	470.6	473.2	475.7	477.0	479.1	483.4	487.6	491.9	496.1
110°	551.0	553.3	555.5	557.8	560.1	561.2	562.8	565.9	569.0	572.1	575.2

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	632.6	634.6	636.6	638.5	640.5	641.5	643.1	646.2	649.3	652.5	655.6
115°	713.0	714.7	716.4	718.1	719.8	720.6	721.9	724.4	727.0	729.5	732.1
117.5°	792.0	794.0	796.0	798.0	800.0	801.0	801.7	803.1	804.5	805.9	807.3
120°	864.7	867.3	869.8	872.4	874.9	876.2	876.6	877.5	878.3	879.2	880.0
122.5°	938.7	940.7	942.7	944.6	946.6	947.6	948.2	949.3	950.4	951.6	952.7
125°	1005.0	1007.3	1009.5	1011.8	1014.1	1015.2	1015.8	1016.9	1018.0	1019.2	1020.3
127.5°	1071.4	1073.7	1075.9	1078.2	1080.5	1081.6	1082.3	1083.7	1085.1	1086.5	1087.9
130°	1132.6	1134.9	1137.1	1139.4	1141.7	1142.8	1143.4	1144.5	1145.6	1146.8	1147.9
132.5°	1191.2	1193.5	1195.8	1198.1	1200.4	1201.5	1201.9	1202.8	1203.6	1204.5	1205.3
135°	1251.2	1252.9	1254.6	1256.3	1258.0	1258.8	1259.4	1260.5	1261.6	1262.8	1263.9
137.5°	1302.2	1304.5	1306.7	1309.0	1311.3	1312.4	1312.7	1313.3	1313.8	1314.4	1315.0
140°	1353.2	1354.9	1356.6	1358.3	1360.0	1360.9	1361.3	1362.2	1363.0	1363.9	1364.7
142.5°	1400.4	1402.1	1403.8	1405.5	1407.2	1408.1	1408.5	1409.4	1410.2	1411.1	1411.9
145°	1443.8	1445.8	1447.8	1449.7	1451.7	1452.7	1453.0	1453.6	1454.1	1454.7	1455.3
147.5°	1485.9	1487.3	1488.7	1490.1	1491.5	1492.2	1492.5	1493.1	1493.6	1494.2	1494.8
150°	1524.1	1525.0	1525.8	1526.7	1527.6	1528.0	1528.3	1528.8	1529.4	1529.9	1530.5
152.5°	1558.6	1558.9	1559.1	1559.4	1559.7	1559.8	1559.9	1560.2	1560.5	1560.8	1561.1
155°	1590.5	1589.9	1589.3	1588.8	1588.2	1587.9	1588.0	1588.3	1588.6	1588.9	1589.2
157.5°	1616.0	1616.0	1616.0	1616.0	1616.0	1616.0	1615.9	1615.6	1615.3	1615.0	1614.7
160°	1638.9	1638.6	1638.3	1638.0	1637.7	1637.6	1637.5	1637.2	1636.9	1636.7	1636.4
162.5°	1660.6	1659.8	1658.9	1658.1	1657.2	1656.8	1656.7	1656.4	1656.1	1655.8	1655.5
165°	1677.2	1676.4	1675.5	1674.7	1673.8	1673.4	1673.3	1673.0	1672.7	1672.4	1672.1
167.5°	1691.2	1690.1	1688.9	1687.8	1686.7	1686.1	1686.1	1686.1	1686.1	1686.1	1686.1
170°	1702.7	1701.6	1700.4	1699.3	1698.2	1697.6	1697.6	1697.6	1697.6	1697.6	1697.6
172.5°	1710.3	1708.9	1707.5	1706.1	1704.7	1704.0	1704.1	1704.4	1704.7	1704.9	1705.2
175°	1716.7	1715.3	1713.9	1712.4	1711.0	1710.3	1710.4	1710.7	1711.0	1711.3	1711.6
177.5°	1719.3	1717.9	1716.5	1715.0	1713.6	1712.9	1713.0	1713.3	1713.6	1713.9	1714.2
180°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1458.1	1460.7	1470.1	1476.8	1490.3	1488.9	1488.9	1487.6	1483.5	1490.3	1494.3
5°	1560.0	1582.8	1585.5	1615.0	1616.3	1628.4	1636.5	1629.8	1645.9	1644.5	1632.4
7.5°	1686.1	1716.9	1731.7	1759.9	1792.1	1784.0	1814.9	1820.2	1817.5	1831.0	1840.4
10°	1824.3	1877.9	1915.5	1967.8	1981.2	1989.2	2009.4	2026.8	2061.7	2034.8	2052.3
12.5°	1982.5	2021.4	2071.1	2154.2	2195.8	2222.6	2232.0	2244.1	2268.2	2253.5	2254.8
15°	2115.3	2167.6	2252.1	2355.4	2367.5	2401.0	2393.0	2465.4	2500.3	2448.0	2477.5
17.5°	2253.5	2323.2	2423.8	2513.7	2564.7	2587.5	2609.0	2678.7	2676.0	2668.0	2674.7
20°	2342.0	2456.0	2580.8	2700.2	2714.9	2732.4	2790.0	2819.5	2814.2	2837.0	2851.7
22.5°	2466.8	2587.5	2720.3	2799.4	2833.0	2853.1	2898.7	2917.5	2925.5	2930.9	2921.5
25°	2571.4	2700.2	2798.1	2867.8	2888.0	2898.7	2913.4	2918.8	2914.8	2905.4	2913.4
27.5°	2642.5	2745.8	2812.8	2845.0	2834.3	2816.9	2788.7	2769.9	2728.3	2708.2	2732.4
30°	2672.0	2717.6	2737.7	2684.1	2630.4	2587.5	2533.8	2434.6	2356.8	2379.6	2348.7
32.5°	2625.0	2595.5	2499.0	2360.8	2319.2	2249.5	2097.9	1981.2	1985.2	1923.5	1949.0
35°	2486.9	2352.8	2170.3	1961.1	1906.1	1868.5	1702.2	1676.7	1623.0	1565.4	1581.5
37.5°	2242.8	2046.9	1825.6	1671.3	1589.5	1507.7	1413.8	1357.5	1325.3	1301.1	1319.9
40°	1945.0	1706.2	1523.8	1385.6	1315.9	1263.6	1199.2	1142.8	1106.6	1102.6	1109.3
42.5°	1652.6	1451.4	1283.7	1152.2	1129.4	1067.7	1026.1	981.9	971.1	953.7	963.1
45°	1399.0	1235.4	1097.2	989.9	963.1	947.0	896.0	867.9	855.8	845.1	861.2
47.5°	1215.3	1043.6	943.0	878.6	851.8	824.9	796.8	778.0	768.6	769.9	768.6
50°	1038.2	912.1	823.6	774.0	757.9	739.1	716.3	704.2	700.2	688.1	697.5
52.5°	893.3	802.1	740.4	693.5	681.4	668.0	649.2	642.5	633.1	630.4	630.4
55°	776.6	705.6	655.9	625.1	610.3	599.6	588.9	580.8	574.1	574.1	574.1
57.5°	685.4	623.7	587.5	560.7	555.3	544.6	532.5	532.5	523.1	521.8	525.8
60°	607.6	552.6	524.5	501.7	493.6	490.9	478.9	478.9	476.2	469.5	474.8
62.5°	528.5	488.3	464.1	446.7	438.6	438.6	429.2	422.5	422.5	423.9	421.2
65°	456.1	426.6	405.1	391.7	387.7	382.3	380.9	375.6	371.6	372.9	371.6
67.5°	391.7	368.9	354.1	343.4	336.7	334.0	330.0	330.0	327.3	328.6	321.9
70°	334.0	311.2	299.1	288.4	285.7	285.7	280.3	281.7	279.0	283.0	280.3
72.5°	275.0	257.5	248.2	244.1	241.4	240.1	237.4	234.7	233.4	236.1	234.7
75°	222.7	207.9	201.2	198.5	195.8	195.8	194.5	193.2	191.8	191.8	191.8
77.5°	173.0	163.6	155.6	158.3	154.3	155.6	151.6	151.6	152.9	151.6	151.6
80°	127.4	120.7	120.7	118.0	112.7	115.4	115.4	111.3	110.0	112.7	108.7
82.5°	84.5	83.2	80.5	79.1	76.5	77.8	76.5	75.1	73.8	76.5	73.8
85°	49.6	49.6	48.3	45.6	48.3	46.9	45.6	45.6	44.3	44.3	44.3
87.5°	25.5	22.8	22.8	21.5	22.8	20.1	21.5	20.1	18.8	20.1	18.8
90°	31.7	32.9	34.0	35.1	35.7	36.0	36.6	37.1	37.7	38.3	37.7
92.5°	35.2	37.2	39.1	41.1	42.1	42.2	42.5	42.8	43.1	43.4	43.1
95°	41.5	43.5	45.5	47.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
97.5°	43.1	45.3	47.6	49.9	51.0	51.1	51.4	51.7	52.0	52.3	52.0
100°	44.4	46.6	48.9	51.2	52.3	52.4	52.7	53.0	53.3	53.6	53.3
102.5°	85.0	75.7	66.3	57.0	52.3	52.6	53.1	53.7	54.2	54.8	54.2
105°	229.1	179.0	128.8	78.7	53.6	53.9	54.4	55.0	55.5	56.1	55.5
107.5°	452.5	408.8	365.2	321.5	299.7	281.1	244.0	206.9	169.7	132.6	169.7
110°	565.8	556.5	547.1	537.8	533.1	512.8	472.3	431.8	391.2	350.7	391.2

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	658.1	660.7	663.2	665.7	667.0	666.7	666.2	665.6	665.1	664.5	665.1
115°	734.9	737.7	740.6	743.4	744.8	745.4	746.5	747.6	748.8	749.9	748.8
117.5°	809.6	811.8	814.1	816.4	817.5	817.6	817.9	818.2	818.5	818.8	818.5
120°	882.3	884.5	886.8	889.1	890.2	890.2	890.2	890.2	890.2	890.2	890.2
122.5°	954.1	955.5	957.0	958.4	959.1	959.2	959.5	959.8	960.1	960.4	960.1
125°	1020.9	1021.5	1022.0	1022.6	1022.9	1023.2	1023.7	1024.3	1024.8	1025.4	1024.8
127.5°	1088.8	1089.6	1090.5	1091.4	1091.8	1091.5	1090.9	1090.4	1089.8	1089.2	1089.8
130°	1149.0	1150.2	1151.3	1152.4	1153.0	1152.7	1152.1	1151.6	1151.0	1150.4	1151.0
132.5°	1206.4	1207.6	1208.7	1209.8	1210.4	1210.0	1209.1	1208.3	1207.4	1206.6	1207.4
135°	1264.8	1265.6	1266.5	1267.4	1267.8	1267.4	1266.5	1265.6	1264.8	1263.9	1264.8
137.5°	1316.4	1317.8	1319.2	1320.6	1321.3	1321.0	1320.5	1319.9	1319.4	1318.8	1319.4
140°	1365.8	1367.0	1368.1	1369.2	1369.8	1369.5	1369.0	1368.4	1367.9	1367.3	1367.9
142.5°	1412.7	1413.6	1414.4	1415.3	1415.7	1415.3	1414.4	1413.6	1412.7	1411.9	1412.7
145°	1455.9	1456.4	1457.0	1457.5	1457.8	1457.8	1457.8	1457.8	1457.8	1457.8	1457.8
147.5°	1495.4	1495.9	1496.5	1497.0	1497.3	1496.6	1495.2	1493.8	1492.4	1491.0	1492.4
150°	1531.1	1531.7	1532.2	1532.8	1533.1	1532.7	1531.8	1530.9	1530.1	1529.2	1530.1
152.5°	1562.2	1563.4	1564.5	1565.6	1566.2	1565.5	1564.1	1562.6	1561.2	1559.8	1561.2
155°	1590.6	1592.0	1593.5	1594.9	1595.6	1594.7	1593.0	1591.3	1589.6	1587.9	1589.6
157.5°	1616.4	1618.1	1619.8	1621.5	1622.3	1621.2	1618.9	1616.6	1614.4	1612.1	1614.4
160°	1638.1	1639.8	1641.5	1643.2	1644.0	1643.0	1641.0	1639.1	1637.1	1635.1	1637.1
162.5°	1657.5	1659.5	1661.4	1663.4	1664.4	1663.6	1661.9	1660.2	1658.5	1656.8	1658.5
165°	1674.4	1676.6	1678.9	1681.2	1682.3	1681.3	1679.3	1677.4	1675.4	1673.4	1675.4
167.5°	1688.4	1690.6	1692.9	1695.2	1696.3	1695.2	1692.9	1690.6	1688.4	1686.1	1688.4
170°	1699.9	1702.1	1704.4	1706.7	1707.8	1706.7	1704.4	1702.1	1699.9	1697.6	1699.9
172.5°	1707.5	1709.7	1712.0	1714.3	1715.4	1714.1	1711.6	1709.1	1706.5	1704.0	1706.5
175°	1713.6	1715.6	1717.5	1719.5	1720.5	1719.4	1717.1	1714.8	1712.6	1710.3	1712.6
177.5°	1716.5	1718.7	1721.0	1723.3	1724.4	1723.0	1720.1	1717.3	1714.4	1711.6	1714.4
180°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1483.5	1487.6	1476.8	1474.2	1474.2	1479.5	1475.5	1439.3	1446.0	1437.9	1435.3
5°	1647.2	1639.1	1628.4	1623.0	1616.3	1597.6	1596.2	1554.6	1546.6	1519.8	1507.7
7.5°	1826.9	1820.2	1788.0	1784.0	1781.3	1763.9	1719.6	1675.4	1643.2	1612.3	1582.8
10°	2032.2	2012.0	1997.3	1967.8	1953.0	1928.9	1871.2	1829.6	1774.6	1727.7	1666.0
12.5°	2279.0	2256.2	2206.5	2185.1	2166.3	2099.2	2041.6	1994.6	1887.3	1855.1	1778.6
15°	2460.1	2411.8	2406.4	2359.5	2356.8	2283.0	2173.0	2122.0	2038.9	1920.8	1841.7
17.5°	2655.9	2613.0	2579.4	2523.1	2515.1	2445.3	2364.8	2240.1	2148.9	2036.2	1935.6
20°	2799.4	2776.6	2718.9	2696.1	2649.2	2590.2	2507.0	2352.8	2241.4	2128.7	2005.3
22.5°	2913.4	2890.6	2845.0	2814.2	2787.4	2710.9	2611.6	2480.2	2327.3	2179.7	2052.3
25°	2912.1	2905.4	2886.6	2871.9	2851.7	2795.4	2712.2	2586.1	2415.8	2253.5	2076.4
27.5°	2747.1	2765.9	2798.1	2814.2	2810.2	2802.1	2755.2	2649.2	2496.3	2303.1	2104.6
30°	2403.7	2472.1	2532.5	2613.0	2637.1	2696.1	2723.0	2662.6	2540.5	2360.8	2140.8
32.5°	1993.3	2092.5	2224.0	2268.2	2344.7	2458.7	2586.1	2609.0	2532.5	2394.3	2163.6
35°	1635.1	1716.9	1818.9	1888.6	1957.0	2142.2	2303.1	2442.6	2468.1	2376.9	2158.3
37.5°	1353.4	1411.1	1501.0	1560.0	1623.0	1781.3	2006.7	2187.8	2315.2	2317.9	2143.5
40°	1149.5	1175.0	1252.8	1295.8	1356.1	1492.9	1694.1	1930.2	2116.7	2202.5	2104.6
42.5°	973.8	1007.4	1071.7	1103.9	1142.8	1262.2	1395.0	1619.0	1849.7	2033.5	2032.2
45°	869.2	893.3	922.9	949.7	994.0	1065.0	1216.6	1384.3	1605.6	1813.5	1895.3
47.5°	776.6	799.5	829.0	837.0	866.5	933.6	1026.1	1172.4	1378.9	1585.5	1739.7
50°	698.9	717.6	737.7	752.5	765.9	820.9	890.7	1014.1	1179.1	1378.9	1570.7
52.5°	638.5	651.9	669.3	677.4	689.5	729.7	783.4	874.6	1010.0	1192.5	1378.9
55°	582.2	591.5	602.3	615.7	621.1	650.6	692.1	769.9	870.5	1034.2	1211.3
57.5°	529.8	533.9	540.6	548.6	555.3	580.8	617.0	669.3	757.9	884.0	1051.6
60°	470.8	481.5	485.6	493.6	497.6	517.8	545.9	590.2	658.6	767.3	893.3
62.5°	421.2	427.9	434.6	438.6	448.0	454.7	477.5	517.8	574.1	654.6	768.6
65°	376.9	379.6	383.6	387.7	390.3	398.4	419.8	446.7	489.6	560.7	649.2
67.5°	326.0	328.6	334.0	335.3	338.0	348.8	360.8	383.6	419.8	473.5	545.9
70°	276.3	280.3	283.0	285.7	289.7	293.8	307.2	326.0	354.1	391.7	448.0
72.5°	233.4	237.4	237.4	240.1	238.8	244.1	257.5	271.0	289.7	320.6	370.2
75°	190.5	190.5	193.2	194.5	195.8	201.2	206.6	217.3	232.1	256.2	287.1
77.5°	150.2	148.9	151.6	151.6	151.6	155.6	161.0	166.3	175.7	193.2	217.3
80°	110.0	110.0	112.7	114.0	111.3	112.7	115.4	120.7	127.4	139.5	152.9
82.5°	72.4	77.8	76.5	77.8	76.5	79.1	80.5	81.8	84.5	89.9	99.3
85°	44.3	44.3	44.3	45.6	44.3	45.6	45.6	45.6	46.9	49.6	53.7
87.5°	18.8	18.8	18.8	20.1	18.8	18.8	20.1	18.8	20.1	20.1	21.5
90°	37.1	36.6	36.0	35.7	35.1	34.0	32.9	31.7	30.6	26.9	23.2
92.5°	42.8	42.5	42.2	42.1	41.1	39.1	37.2	35.2	33.2	30.6	28.1
95°	48.5	48.5	48.5	48.5	47.5	45.5	43.5	41.5	39.5	36.4	33.3
97.5°	51.7	51.4	51.1	51.0	49.9	47.6	45.3	43.1	40.8	55.3	69.7
100°	53.0	52.7	52.4	52.3	51.2	48.9	46.6	44.4	42.1	86.3	130.5
102.5°	53.7	53.1	52.6	52.3	57.0	66.3	75.7	85.0	94.4	143.7	193.0
105°	55.0	54.4	53.9	53.6	78.7	128.8	179.0	229.1	279.3	304.8	330.3
107.5°	206.9	244.0	281.1	299.7	321.5	365.2	408.8	452.5	496.1	491.9	487.6
110°	431.8	472.3	512.8	533.1	537.8	547.1	556.5	565.8	575.2	572.1	569.0

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	665.6	666.2	666.7	667.0	665.7	663.2	660.7	658.1	655.6	652.5	649.3
115°	747.6	746.5	745.4	744.8	743.4	740.6	737.7	734.9	732.1	729.5	727.0
117.5°	818.2	817.9	817.6	817.5	816.4	814.1	811.8	809.6	807.3	805.9	804.5
120°	890.2	890.2	890.2	890.2	889.1	886.8	884.5	882.3	880.0	879.2	878.3
122.5°	959.8	959.5	959.2	959.1	958.4	957.0	955.5	954.1	952.7	951.6	950.4
125°	1024.3	1023.7	1023.2	1022.9	1022.6	1022.0	1021.5	1020.9	1020.3	1019.2	1018.0
127.5°	1090.4	1090.9	1091.5	1091.8	1091.4	1090.5	1089.6	1088.8	1087.9	1086.5	1085.1
130°	1151.6	1152.1	1152.7	1153.0	1152.4	1151.3	1150.2	1149.0	1147.9	1146.8	1145.6
132.5°	1208.3	1209.1	1210.0	1210.4	1209.8	1208.7	1207.6	1206.4	1205.3	1204.5	1203.6
135°	1265.6	1266.5	1267.4	1267.8	1267.4	1266.5	1265.6	1264.8	1263.9	1262.8	1261.6
137.5°	1319.9	1320.5	1321.0	1321.3	1320.6	1319.2	1317.8	1316.4	1315.0	1314.4	1313.8
140°	1368.4	1369.0	1369.5	1369.8	1369.2	1368.1	1367.0	1365.8	1364.7	1363.9	1363.0
142.5°	1413.6	1414.4	1415.3	1415.7	1415.3	1414.4	1413.6	1412.7	1411.9	1411.1	1410.2
145°	1457.8	1457.8	1457.8	1457.8	1457.5	1457.0	1456.4	1455.9	1455.3	1454.7	1454.1
147.5°	1493.8	1495.2	1496.6	1497.3	1497.0	1496.5	1495.9	1495.4	1494.8	1494.2	1493.6
150°	1530.9	1531.8	1532.7	1533.1	1532.8	1532.2	1531.7	1531.1	1530.5	1529.9	1529.4
152.5°	1562.6	1564.1	1565.5	1566.2	1565.6	1564.5	1563.4	1562.2	1561.1	1560.8	1560.5
155°	1591.3	1593.0	1594.7	1595.6	1594.9	1593.5	1592.0	1590.6	1589.2	1588.9	1588.6
157.5°	1616.6	1618.9	1621.2	1622.3	1621.5	1619.8	1618.1	1616.4	1614.7	1615.0	1615.3
160°	1639.1	1641.0	1643.0	1644.0	1643.2	1641.5	1639.8	1638.1	1636.4	1636.7	1636.9
162.5°	1660.2	1661.9	1663.6	1664.4	1663.4	1661.4	1659.5	1657.5	1655.5	1655.8	1656.1
165°	1677.4	1679.3	1681.3	1682.3	1681.2	1678.9	1676.6	1674.4	1672.1	1672.4	1672.7
167.5°	1690.6	1692.9	1695.2	1696.3	1695.2	1692.9	1690.6	1688.4	1686.1	1686.1	1686.1
170°	1702.1	1704.4	1706.7	1707.8	1706.7	1704.4	1702.1	1699.9	1697.6	1697.6	1697.6
172.5°	1709.1	1711.6	1714.1	1715.4	1714.3	1712.0	1709.7	1707.5	1705.2	1704.9	1704.7
175°	1714.8	1717.1	1719.4	1720.5	1719.5	1717.5	1715.6	1713.6	1711.6	1711.3	1711.0
177.5°	1717.3	1720.1	1723.0	1724.4	1723.3	1721.0	1718.7	1716.5	1714.2	1713.9	1713.6
180°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1421.8	1417.8	1417.8	1415.1	1407.1	1392.3	1391.0	1393.7	1385.6	1377.6	1365.5
5°	1491.6	1466.1	1458.1	1450.0	1433.9	1407.1	1396.4	1387.0	1372.2	1354.8	1336.0
7.5°	1550.6	1514.4	1503.7	1488.9	1456.7	1419.2	1395.0	1374.9	1354.8	1330.6	1307.8
10°	1624.4	1572.1	1546.6	1525.1	1480.9	1428.6	1392.3	1362.8	1330.6	1301.1	1271.6
12.5°	1707.6	1623.0	1615.0	1562.7	1511.7	1433.9	1389.7	1346.7	1303.8	1267.6	1236.7
15°	1777.3	1684.8	1651.2	1616.3	1518.4	1421.8	1378.9	1330.6	1281.0	1242.1	1196.5
17.5°	1821.6	1745.1	1674.0	1627.1	1525.1	1439.3	1356.1	1301.1	1248.8	1195.2	1157.6
20°	1875.2	1763.9	1702.2	1639.1	1538.5	1425.9	1342.7	1274.3	1209.9	1161.6	1116.0
22.5°	1928.9	1778.6	1727.7	1659.3	1541.2	1412.5	1318.6	1250.2	1176.4	1128.1	1078.5
25°	1923.5	1800.1	1715.6	1657.9	1514.4	1400.4	1290.4	1209.9	1141.5	1079.8	1030.2
27.5°	1927.5	1776.0	1690.1	1623.0	1495.6	1382.9	1260.9	1176.4	1105.3	1040.9	988.6
30°	1928.9	1739.7	1664.6	1584.1	1460.7	1341.4	1227.3	1141.5	1066.4	996.6	949.7
32.5°	1924.9	1710.2	1616.3	1543.9	1405.7	1301.1	1188.4	1097.2	1020.8	956.4	912.1
35°	1915.5	1675.4	1566.7	1475.5	1349.4	1243.4	1152.2	1058.3	976.5	917.5	866.5
37.5°	1890.0	1637.8	1514.4	1424.5	1283.7	1176.4	1095.9	1018.1	939.0	869.2	826.3
40°	1871.2	1586.8	1462.1	1364.2	1212.6	1108.0	1040.9	967.1	889.3	826.3	784.7
42.5°	1828.3	1538.5	1408.4	1291.7	1142.8	1035.5	972.5	913.5	846.4	784.7	747.1
45°	1758.5	1486.2	1342.7	1224.7	1066.4	964.4	906.8	858.5	799.5	740.4	702.9
47.5°	1660.6	1411.1	1273.0	1154.9	991.3	888.0	830.3	794.1	747.1	697.5	665.3
50°	1554.6	1329.3	1201.9	1085.2	918.8	818.2	761.9	728.4	697.5	651.9	621.1
52.5°	1416.5	1242.1	1120.0	1008.7	841.0	744.5	694.8	670.7	638.5	606.3	579.5
55°	1282.3	1129.4	1028.8	922.9	764.6	674.7	626.4	600.9	582.2	555.3	533.9
57.5°	1126.7	1024.8	932.2	835.7	693.5	611.7	566.1	535.2	523.1	511.1	490.9
60°	983.2	905.4	830.3	749.8	619.7	545.9	501.7	477.5	465.5	457.4	444.0
62.5°	851.8	791.4	727.0	662.6	544.6	477.5	444.0	419.8	409.1	407.8	395.7
65°	725.7	682.8	630.4	567.4	474.8	415.8	383.6	368.9	356.8	356.8	347.4
67.5°	599.6	570.1	528.5	484.2	411.8	356.8	327.3	313.9	307.2	307.2	300.5
70°	499.0	478.9	441.3	402.4	339.4	297.8	275.0	262.9	258.9	260.2	254.9
72.5°	405.1	383.6	352.8	324.6	277.7	246.8	230.7	217.3	210.6	211.9	210.6
75°	313.9	303.1	276.3	254.9	217.3	195.8	181.1	174.4	169.0	170.4	167.7
77.5°	236.1	220.0	205.2	190.5	167.7	150.2	138.2	131.5	127.4	127.4	127.4
80°	161.0	158.3	146.2	138.2	119.4	106.0	96.6	95.2	91.2	91.2	91.2
82.5°	104.6	97.9	91.2	85.8	75.1	67.1	63.0	60.4	59.0	57.7	60.4
85°	57.7	53.7	51.0	45.6	41.6	37.6	33.5	32.2	30.9	32.2	30.9
87.5°	22.8	18.8	18.8	17.4	16.1	14.8	14.8	12.1	12.1	10.7	10.7
90°	19.5	15.8	14.0	12.6	9.8	6.9	4.1	1.3	4.1	6.9	9.8
92.5°	25.5	23.0	21.7	22.5	24.2	25.9	27.6	29.3	27.6	25.9	24.2
95°	30.2	27.1	25.5	31.3	42.9	54.6	66.2	77.8	66.2	54.6	42.9
97.5°	84.2	98.7	105.9	109.9	117.8	125.7	133.7	141.6	133.7	125.7	117.8
100°	174.8	219.0	241.1	238.3	232.6	226.9	221.2	215.5	221.2	226.9	232.6
102.5°	242.3	291.6	316.3	314.5	310.8	307.1	303.4	299.7	303.4	307.1	310.8
105°	355.8	381.3	394.1	392.5	389.4	386.3	383.2	380.1	383.2	386.3	389.4
107.5°	483.4	479.1	477.0	475.7	473.2	470.6	468.1	465.5	468.1	470.6	473.2
110°	565.9	562.8	561.2	560.1	557.8	555.5	553.3	551.0	553.3	555.5	557.8

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	646.2	643.1	641.5	640.5	638.5	636.6	634.6	632.6	634.6	636.6	638.5
115°	724.4	721.9	720.6	719.8	718.1	716.4	714.7	713.0	714.7	716.4	718.1
117.5°	803.1	801.7	801.0	800.0	798.0	796.0	794.0	792.0	794.0	796.0	798.0
120°	877.5	876.6	876.2	874.9	872.4	869.8	867.3	864.7	867.3	869.8	872.4
122.5°	949.3	948.2	947.6	946.6	944.6	942.7	940.7	938.7	940.7	942.7	944.6
125°	1016.9	1015.8	1015.2	1014.1	1011.8	1009.5	1007.3	1005.0	1007.3	1009.5	1011.8
127.5°	1083.7	1082.3	1081.6	1080.5	1078.2	1075.9	1073.7	1071.4	1073.7	1075.9	1078.2
130°	1144.5	1143.4	1142.8	1141.7	1139.4	1137.1	1134.9	1132.6	1134.9	1137.1	1139.4
132.5°	1202.8	1201.9	1201.5	1200.4	1198.1	1195.8	1193.5	1191.2	1193.5	1195.8	1198.1
135°	1260.5	1259.4	1258.8	1258.0	1256.3	1254.6	1252.9	1251.2	1252.9	1254.6	1256.3
137.5°	1313.3	1312.7	1312.4	1311.3	1309.0	1306.7	1304.5	1302.2	1304.5	1306.7	1309.0
140°	1362.2	1361.3	1360.9	1360.0	1358.3	1356.6	1354.9	1353.2	1354.9	1356.6	1358.3
142.5°	1409.4	1408.5	1408.1	1407.2	1405.5	1403.8	1402.1	1400.4	1402.1	1403.8	1405.5
145°	1453.6	1453.0	1452.7	1451.7	1449.7	1447.8	1445.8	1443.8	1445.8	1447.8	1449.7
147.5°	1493.1	1492.5	1492.2	1491.5	1490.1	1488.7	1487.3	1485.9	1487.3	1488.7	1490.1
150°	1528.8	1528.3	1528.0	1527.6	1526.7	1525.8	1525.0	1524.1	1525.0	1525.8	1526.7
152.5°	1560.2	1559.9	1559.8	1559.7	1559.4	1559.1	1558.9	1558.6	1558.9	1559.1	1559.4
155°	1588.3	1588.0	1587.9	1588.2	1588.8	1589.3	1589.9	1590.5	1589.9	1589.3	1588.8
157.5°	1615.6	1615.9	1616.0	1616.0	1616.0	1616.0	1616.0	1616.0	1616.0	1616.0	1616.0
160°	1637.2	1637.5	1637.6	1637.7	1638.0	1638.3	1638.6	1638.9	1638.6	1638.3	1638.0
162.5°	1656.4	1656.7	1656.8	1657.2	1658.1	1658.9	1659.8	1660.6	1659.8	1658.9	1658.1
165°	1673.0	1673.3	1673.4	1673.8	1674.7	1675.5	1676.4	1677.2	1676.4	1675.5	1674.7
167.5°	1686.1	1686.1	1686.1	1686.7	1687.8	1688.9	1690.1	1691.2	1690.1	1688.9	1687.8
170°	1697.6	1697.6	1697.6	1698.2	1699.3	1700.4	1701.6	1702.7	1701.6	1700.4	1699.3
172.5°	1704.4	1704.1	1704.0	1704.7	1706.1	1707.5	1708.9	1710.3	1708.9	1707.5	1706.1
175°	1710.7	1710.4	1710.3	1711.0	1712.4	1713.9	1715.3	1716.7	1715.3	1713.9	1712.4
177.5°	1713.3	1713.0	1712.9	1713.6	1715.0	1716.5	1717.9	1719.3	1717.9	1716.5	1715.0
180°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1362.8	1361.5	1364.2	1356.1	1342.7	1336.0	1317.2	1313.2	1311.9	1313.2	1314.5
5°	1325.3	1323.9	1319.9	1306.5	1290.4	1278.3	1255.5	1254.2	1246.1	1238.1	1242.1
7.5°	1289.1	1283.7	1275.6	1258.2	1236.7	1223.3	1204.5	1191.1	1180.4	1173.7	1168.3
10°	1252.8	1244.8	1236.7	1213.9	1187.1	1167.0	1144.2	1133.5	1121.4	1116.0	1110.6
12.5°	1205.9	1197.8	1183.1	1156.3	1140.2	1114.7	1091.9	1081.1	1074.4	1063.7	1057.0
15°	1168.3	1152.2	1144.2	1116.0	1082.5	1079.8	1038.2	1035.5	1022.1	1022.1	1011.4
17.5°	1125.4	1113.3	1098.6	1070.4	1046.3	1022.1	1000.7	992.6	980.5	977.9	972.5
20°	1083.8	1067.7	1062.4	1034.2	1008.7	979.2	956.4	948.3	943.0	937.6	941.6
22.5°	1040.9	1027.5	1014.1	988.6	969.8	940.3	926.9	918.8	910.8	908.1	909.4
25°	999.3	987.2	973.8	948.3	928.2	904.1	892.0	888.0	884.0	884.0	882.6
27.5°	959.1	947.0	934.9	912.1	892.0	874.6	865.2	861.2	857.1	859.8	862.5
30°	917.5	906.8	896.0	875.9	859.8	843.7	838.4	835.7	834.3	841.0	841.0
32.5°	879.9	870.5	862.5	843.7	827.6	814.2	810.2	811.5	812.9	816.9	819.6
35°	841.0	834.3	826.3	810.2	796.8	784.7	786.0	786.0	788.7	795.4	800.8
37.5°	806.2	796.8	790.1	776.6	765.9	755.2	759.2	763.2	765.9	774.0	776.6
40°	764.6	760.6	755.2	741.8	732.4	731.0	732.4	735.1	740.4	744.5	748.5
42.5°	731.0	725.7	719.0	708.2	700.2	701.5	702.9	705.6	708.2	714.9	719.0
45°	693.5	689.5	684.1	674.7	668.0	669.3	670.7	670.7	673.4	681.4	684.1
47.5°	651.9	653.2	646.5	637.1	633.1	633.1	633.1	635.8	642.5	645.2	646.5
50°	611.7	609.0	607.6	598.2	595.6	594.2	595.6	596.9	606.3	605.0	609.0
52.5°	568.7	568.7	567.4	562.0	558.0	558.0	555.3	562.0	564.7	567.4	571.4
55°	527.2	523.1	521.8	519.1	513.7	512.4	515.1	523.1	525.8	528.5	532.5
57.5°	481.5	481.5	478.9	474.8	474.8	474.8	474.8	480.2	484.2	486.9	495.0
60°	440.0	434.6	430.6	430.6	430.6	429.2	437.3	437.3	445.3	446.7	449.4
62.5°	390.3	387.7	385.0	386.3	385.0	387.7	390.3	395.7	397.0	401.1	405.1
65°	343.4	343.4	340.7	348.8	343.4	343.4	350.1	350.1	352.8	356.8	362.2
67.5°	297.8	299.1	296.4	296.4	299.1	300.5	301.8	307.2	308.5	313.9	320.6
70°	250.8	253.5	254.9	252.2	254.9	257.5	260.2	261.6	266.9	269.6	273.6
72.5°	209.3	211.9	207.9	209.3	210.6	213.3	214.6	217.3	220.0	228.0	230.7
75°	167.7	166.3	165.0	170.4	167.7	173.0	174.4	174.4	177.1	183.8	186.4
77.5°	128.8	128.8	130.1	127.4	131.5	130.1	131.5	135.5	139.5	139.5	150.2
80°	89.9	92.6	92.6	92.6	93.9	95.2	92.6	99.3	100.6	100.6	104.6
82.5°	57.7	59.0	57.7	60.4	60.4	63.0	61.7	63.0	65.7	68.4	69.8
85°	30.9	30.9	33.5	33.5	32.2	33.5	32.2	33.5	36.2	36.2	37.6
87.5°	10.7	10.7	10.7	10.7	12.1	10.7	12.1	12.1	10.7	10.7	14.8
90°	12.6	14.0	15.8	19.5	23.2	26.9	30.6	31.7	32.9	34.0	35.1
92.5°	22.5	21.7	23.0	25.5	28.1	30.6	33.2	35.2	37.2	39.1	41.1
95°	31.3	25.5	27.1	30.2	33.3	36.4	39.5	41.5	43.5	45.5	47.5
97.5°	109.9	105.9	98.7	84.2	69.7	55.3	40.8	43.1	45.3	47.6	49.9
100°	238.3	241.1	219.0	174.8	130.5	86.3	42.1	44.4	46.6	48.9	51.2
102.5°	314.5	316.3	291.6	242.3	193.0	143.7	94.4	85.0	75.7	66.3	57.0
105°	392.5	394.1	381.3	355.8	330.3	304.8	279.3	229.1	179.0	128.8	78.7
107.5°	475.7	477.0	479.1	483.4	487.6	491.9	496.1	452.5	408.8	365.2	321.5
110°	560.1	561.2	562.8	565.9	569.0	572.1	575.2	565.8	556.5	547.1	537.8

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	640.5	641.5	643.1	646.2	649.3	652.5	655.6	658.1	660.7	663.2	665.7
115°	719.8	720.6	721.9	724.4	727.0	729.5	732.1	734.9	737.7	740.6	743.4
117.5°	800.0	801.0	801.7	803.1	804.5	805.9	807.3	809.6	811.8	814.1	816.4
120°	874.9	876.2	876.6	877.5	878.3	879.2	880.0	882.3	884.5	886.8	889.1
122.5°	946.6	947.6	948.2	949.3	950.4	951.6	952.7	954.1	955.5	957.0	958.4
125°	1014.1	1015.2	1015.8	1016.9	1018.0	1019.2	1020.3	1020.9	1021.5	1022.0	1022.6
127.5°	1080.5	1081.6	1082.3	1083.7	1085.1	1086.5	1087.9	1088.8	1089.6	1090.5	1091.4
130°	1141.7	1142.8	1143.4	1144.5	1145.6	1146.8	1147.9	1149.0	1150.2	1151.3	1152.4
132.5°	1200.4	1201.5	1201.9	1202.8	1203.6	1204.5	1205.3	1206.4	1207.6	1208.7	1209.8
135°	1258.0	1258.8	1259.4	1260.5	1261.6	1262.8	1263.9	1264.8	1265.6	1266.5	1267.4
137.5°	1311.3	1312.4	1312.7	1313.3	1313.8	1314.4	1315.0	1316.4	1317.8	1319.2	1320.6
140°	1360.0	1360.9	1361.3	1362.2	1363.0	1363.9	1364.7	1365.8	1367.0	1368.1	1369.2
142.5°	1407.2	1408.1	1408.5	1409.4	1410.2	1411.1	1411.9	1412.7	1413.6	1414.4	1415.3
145°	1451.7	1452.7	1453.0	1453.6	1454.1	1454.7	1455.3	1455.9	1456.4	1457.0	1457.5
147.5°	1491.5	1492.2	1492.5	1493.1	1493.6	1494.2	1494.8	1495.4	1495.9	1496.5	1497.0
150°	1527.6	1528.0	1528.3	1528.8	1529.4	1529.9	1530.5	1531.1	1531.7	1532.2	1532.8
152.5°	1559.7	1559.8	1559.9	1560.2	1560.5	1560.8	1561.1	1562.2	1563.4	1564.5	1565.6
155°	1588.2	1587.9	1588.0	1588.3	1588.6	1588.9	1589.2	1590.6	1592.0	1593.5	1594.9
157.5°	1616.0	1616.0	1615.9	1615.6	1615.3	1615.0	1614.7	1616.4	1618.1	1619.8	1621.5
160°	1637.7	1637.6	1637.5	1637.2	1636.9	1636.7	1636.4	1638.1	1639.8	1641.5	1643.2
162.5°	1657.2	1656.8	1656.7	1656.4	1656.1	1655.8	1655.5	1657.5	1659.5	1661.4	1663.4
165°	1673.8	1673.4	1673.3	1673.0	1672.7	1672.4	1672.1	1674.4	1676.6	1678.9	1681.2
167.5°	1686.7	1686.1	1686.1	1686.1	1686.1	1686.1	1686.1	1688.4	1690.6	1692.9	1695.2
170°	1698.2	1697.6	1697.6	1697.6	1697.6	1697.6	1697.6	1699.9	1702.1	1704.4	1706.7
172.5°	1704.7	1704.0	1704.1	1704.4	1704.7	1704.9	1705.2	1707.5	1709.7	1712.0	1714.3
175°	1711.0	1710.3	1710.4	1710.7	1711.0	1711.3	1711.6	1713.6	1715.6	1717.5	1719.5
177.5°	1713.6	1712.9	1713.0	1713.3	1713.6	1713.9	1714.2	1716.5	1718.7	1721.0	1723.3
180°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1313.2	1314.5	1309.2	1305.1	1315.9	1309.2	1309.2	1310.5	1307.8	1311.9	1310.5
5°	1239.4	1240.8	1231.4	1234.1	1228.7	1227.3	1226.0	1234.1	1232.7	1231.4	1234.1
7.5°	1167.0	1167.0	1163.0	1160.3	1160.3	1156.3	1161.6	1160.3	1163.0	1163.0	1167.0
10°	1106.6	1109.3	1102.6	1095.9	1094.6	1095.9	1095.9	1097.2	1098.6	1108.0	1106.6
12.5°	1057.0	1053.0	1051.6	1047.6	1040.9	1038.2	1035.5	1050.3	1046.3	1046.3	1046.3
15°	1002.0	1011.4	1010.0	998.0	995.3	1000.7	998.0	998.0	1011.4	1010.0	1008.7
17.5°	972.5	969.8	967.1	960.4	961.8	960.4	961.8	961.8	969.8	969.8	969.8
20°	939.0	933.6	933.6	930.9	930.9	926.9	932.2	933.6	939.0	939.0	940.3
22.5°	909.4	905.4	905.4	904.1	906.8	901.4	906.8	908.1	908.1	912.1	912.1
25°	884.0	881.3	881.3	884.0	884.0	884.0	884.0	889.3	885.3	886.6	885.3
27.5°	861.2	862.5	863.8	865.2	863.8	865.2	866.5	869.2	870.5	869.2	866.5
30°	839.7	843.7	845.1	845.1	847.7	849.1	850.4	850.4	851.8	847.7	850.4
32.5°	823.6	823.6	826.3	827.6	830.3	831.6	831.6	834.3	833.0	829.0	830.3
35°	800.8	800.8	806.2	808.8	812.9	811.5	812.9	812.9	814.2	811.5	807.5
37.5°	778.0	780.7	780.7	786.0	787.4	788.7	787.4	790.1	788.7	786.0	784.7
40°	751.2	749.8	751.2	755.2	756.5	756.5	756.5	759.2	759.2	759.2	757.9
42.5°	717.6	721.7	720.3	724.3	723.0	723.0	725.7	728.4	729.7	725.7	727.0
45°	685.4	685.4	688.1	688.1	689.5	689.5	694.8	692.1	694.8	692.1	693.5
47.5°	650.6	651.9	651.9	653.2	655.9	658.6	655.9	657.3	657.3	658.6	655.9
50°	611.7	611.7	614.3	618.4	623.7	621.1	619.7	625.1	621.1	621.1	618.4
52.5°	571.4	575.4	576.8	580.8	584.8	586.2	587.5	584.8	586.2	582.2	583.5
55°	532.5	533.9	539.2	543.3	547.3	547.3	545.9	547.3	548.6	543.3	543.3
57.5°	493.6	497.6	503.0	503.0	508.4	508.4	507.0	507.0	508.4	504.4	503.0
60°	452.0	456.1	462.8	462.8	470.8	472.2	469.5	466.8	466.8	462.8	464.1
62.5°	407.8	411.8	415.8	422.5	427.9	425.2	430.6	425.2	426.6	418.5	418.5
65°	368.9	370.2	376.9	383.6	383.6	386.3	383.6	385.0	380.9	380.9	375.6
67.5°	323.3	323.3	330.0	336.7	343.4	343.4	343.4	339.4	339.4	335.3	335.3
70°	283.0	281.7	288.4	292.4	296.4	297.8	295.1	293.8	291.1	287.1	285.7
72.5°	233.4	236.1	242.8	245.5	252.2	250.8	257.5	249.5	249.5	242.8	241.4
75°	189.1	191.8	198.5	202.5	206.6	206.6	210.6	206.6	201.2	198.5	197.2
77.5°	150.2	148.9	154.3	161.0	162.3	161.0	163.6	162.3	156.9	156.9	154.3
80°	107.3	111.3	116.7	115.4	120.7	119.4	119.4	116.7	116.7	112.7	115.4
82.5°	71.1	75.1	76.5	75.1	76.5	79.1	80.5	79.1	79.1	76.5	77.8
85°	37.6	37.6	40.2	41.6	40.2	40.2	41.6	45.6	42.9	40.2	42.9
87.5°	12.1	10.7	10.7	12.1	10.7	10.7	12.1	12.1	13.4	13.4	13.4
90°	35.7	36.0	36.6	37.1	37.7	38.3	37.7	37.1	36.6	36.0	35.7
92.5°	42.1	42.2	42.5	42.8	43.1	43.4	43.1	42.8	42.5	42.2	42.1
95°	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
97.5°	51.0	51.1	51.4	51.7	52.0	52.3	52.0	51.7	51.4	51.1	51.0
100°	52.3	52.4	52.7	53.0	53.3	53.6	53.3	53.0	52.7	52.4	52.3
102.5°	52.3	52.6	53.1	53.7	54.2	54.8	54.2	53.7	53.1	52.6	52.3
105°	53.6	53.9	54.4	55.0	55.5	56.1	55.5	55.0	54.4	53.9	53.6
107.5°	299.7	281.1	244.0	206.9	169.7	132.6	169.7	206.9	244.0	281.1	299.7
110°	533.1	512.8	472.3	431.8	391.2	350.7	391.2	431.8	472.3	512.8	533.1

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	667.0	666.7	666.2	665.6	665.1	664.5	665.1	665.6	666.2	666.7	667.0
115°	744.8	745.4	746.5	747.6	748.8	749.9	748.8	747.6	746.5	745.4	744.8
117.5°	817.5	817.6	817.9	818.2	818.5	818.8	818.5	818.2	817.9	817.6	817.5
120°	890.2	890.2	890.2	890.2	890.2	890.2	890.2	890.2	890.2	890.2	890.2
122.5°	959.1	959.2	959.5	959.8	960.1	960.4	960.1	959.8	959.5	959.2	959.1
125°	1022.9	1023.2	1023.7	1024.3	1024.8	1025.4	1024.8	1024.3	1023.7	1023.2	1022.9
127.5°	1091.8	1091.5	1090.9	1090.4	1089.8	1089.2	1089.8	1090.4	1090.9	1091.5	1091.8
130°	1153.0	1152.7	1152.1	1151.6	1151.0	1150.4	1151.0	1151.6	1152.1	1152.7	1153.0
132.5°	1210.4	1210.0	1209.1	1208.3	1207.4	1206.6	1207.4	1208.3	1209.1	1210.0	1210.4
135°	1267.8	1267.4	1266.5	1265.6	1264.8	1263.9	1264.8	1265.6	1266.5	1267.4	1267.8
137.5°	1321.3	1321.0	1320.5	1319.9	1319.4	1318.8	1319.4	1319.9	1320.5	1321.0	1321.3
140°	1369.8	1369.5	1369.0	1368.4	1367.9	1367.3	1367.9	1368.4	1369.0	1369.5	1369.8
142.5°	1415.7	1415.3	1414.4	1413.6	1412.7	1411.9	1412.7	1413.6	1414.4	1415.3	1415.7
145°	1457.8	1457.8	1457.8	1457.8	1457.8	1457.8	1457.8	1457.8	1457.8	1457.8	1457.8
147.5°	1497.3	1496.6	1495.2	1493.8	1492.4	1491.0	1492.4	1493.8	1495.2	1496.6	1497.3
150°	1533.1	1532.7	1531.8	1530.9	1530.1	1529.2	1530.1	1530.9	1531.8	1532.7	1533.1
152.5°	1566.2	1565.5	1564.1	1562.6	1561.2	1559.8	1561.2	1562.6	1564.1	1565.5	1566.2
155°	1595.6	1594.7	1593.0	1591.3	1589.6	1587.9	1589.6	1591.3	1593.0	1594.7	1595.6
157.5°	1622.3	1621.2	1618.9	1616.6	1614.4	1612.1	1614.4	1616.6	1618.9	1621.2	1622.3
160°	1644.0	1643.0	1641.0	1639.1	1637.1	1635.1	1637.1	1639.1	1641.0	1643.0	1644.0
162.5°	1664.4	1663.6	1661.9	1660.2	1658.5	1656.8	1658.5	1660.2	1661.9	1663.6	1664.4
165°	1682.3	1681.3	1679.3	1677.4	1675.4	1673.4	1675.4	1677.4	1679.3	1681.3	1682.3
167.5°	1696.3	1695.2	1692.9	1690.6	1688.4	1686.1	1688.4	1690.6	1692.9	1695.2	1696.3
170°	1707.8	1706.7	1704.4	1702.1	1699.9	1697.6	1699.9	1702.1	1704.4	1706.7	1707.8
172.5°	1715.4	1714.1	1711.6	1709.1	1706.5	1704.0	1706.5	1709.1	1711.6	1714.1	1715.4
175°	1720.5	1719.4	1717.1	1714.8	1712.6	1710.3	1712.6	1714.8	1717.1	1719.4	1720.5
177.5°	1724.4	1723.0	1720.1	1717.3	1714.4	1711.6	1714.4	1717.3	1720.1	1723.0	1724.4
180°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1314.5	1317.2	1318.6	1313.2	1309.2	1315.9	1325.3	1332.0	1337.3	1344.0	1348.1
5°	1236.7	1246.1	1246.1	1248.8	1252.8	1259.5	1277.0	1289.1	1299.8	1307.8	1314.5
7.5°	1171.0	1177.7	1181.7	1188.4	1195.2	1204.5	1224.7	1242.1	1258.2	1267.6	1278.3
10°	1112.0	1117.4	1124.1	1128.1	1140.2	1153.6	1179.1	1193.8	1212.6	1227.3	1240.8
12.5°	1055.7	1074.4	1078.5	1077.1	1087.8	1102.6	1128.1	1150.9	1171.0	1185.8	1200.5
15°	1015.4	1022.1	1030.2	1028.8	1051.6	1055.7	1077.1	1103.9	1130.8	1140.2	1153.6
17.5°	971.1	981.9	989.9	994.0	1000.7	1015.4	1035.5	1055.7	1090.5	1091.9	1126.7
20°	936.3	947.0	952.4	957.7	961.8	979.2	996.6	1019.4	1047.6	1062.4	1081.1
22.5°	913.5	918.8	922.9	926.9	932.2	941.6	963.1	988.6	1007.4	1023.5	1035.5
25°	886.6	892.0	897.4	900.1	904.1	909.4	925.5	945.7	972.5	983.2	995.3
27.5°	867.9	867.9	870.5	870.5	875.9	881.3	893.3	912.1	933.6	947.0	963.1
30°	847.7	846.4	847.7	846.4	845.1	853.1	863.8	879.9	894.7	910.8	921.5
32.5°	827.6	826.3	826.3	827.6	822.3	826.3	831.6	846.4	862.5	870.5	882.6
35°	806.2	803.5	803.5	803.5	800.8	798.1	803.5	816.9	827.6	838.4	847.7
37.5°	784.7	780.7	780.7	778.0	775.3	771.3	771.3	782.0	796.8	800.8	812.9
40°	755.2	755.2	752.5	751.2	748.5	745.8	741.8	751.2	764.6	768.6	778.0
42.5°	725.7	721.7	720.3	720.3	720.3	716.3	713.6	720.3	728.4	735.1	740.4
45°	692.1	689.5	690.8	689.5	686.8	685.4	684.1	686.8	696.2	698.9	705.6
47.5°	655.9	654.6	654.6	653.2	651.9	653.2	647.9	654.6	657.3	660.0	665.3
50°	618.4	617.0	615.7	614.3	614.3	615.7	614.3	614.3	619.7	622.4	627.8
52.5°	580.8	576.8	576.8	575.4	575.4	572.8	575.4	576.8	579.5	582.2	584.8
55°	540.6	540.6	536.5	536.5	533.9	533.9	535.2	533.9	539.2	541.9	541.9
57.5°	501.7	496.3	497.6	495.0	492.3	490.9	490.9	493.6	496.3	496.3	499.0
60°	460.1	454.7	453.4	448.0	450.7	446.7	448.0	448.0	453.4	450.7	453.4
62.5°	418.5	411.8	407.8	405.1	405.1	406.4	403.8	402.4	405.1	407.8	413.1
65°	374.2	370.2	366.2	362.2	362.2	360.8	363.5	359.5	358.1	359.5	362.2
67.5°	328.6	324.6	320.6	316.6	317.9	313.9	311.2	315.2	312.5	313.9	316.6
70°	284.4	281.7	273.6	271.0	269.6	271.0	269.6	266.9	271.0	269.6	271.0
72.5°	240.1	237.4	233.4	226.7	226.7	225.3	224.0	224.0	222.7	222.7	222.7
75°	197.2	191.8	187.8	186.4	183.8	182.4	181.1	178.4	179.7	181.1	178.4
77.5°	152.9	146.2	144.9	144.9	140.8	140.8	142.2	140.8	139.5	139.5	139.5
80°	112.7	107.3	107.3	104.6	101.9	101.9	101.9	101.9	100.6	99.3	100.6
82.5°	72.4	71.1	69.8	69.8	72.4	67.1	69.8	68.4	67.1	67.1	65.7
85°	40.2	41.6	40.2	41.6	38.9	40.2	40.2	40.2	38.9	40.2	37.6
87.5°	14.8	14.8	14.8	16.1	16.1	16.1	16.1	16.1	17.4	16.1	16.1
90°	35.1	34.0	32.9	31.7	30.6	26.9	23.2	19.5	15.8	14.0	12.6
92.5°	41.1	39.1	37.2	35.2	33.2	30.6	28.1	25.5	23.0	21.7	22.5
95°	47.5	45.5	43.5	41.5	39.5	36.4	33.3	30.2	27.1	25.5	31.3
97.5°	49.9	47.6	45.3	43.1	40.8	55.3	69.7	84.2	98.7	105.9	109.9
100°	51.2	48.9	46.6	44.4	42.1	86.3	130.5	174.8	219.0	241.1	238.3
102.5°	57.0	66.3	75.7	85.0	94.4	143.7	193.0	242.3	291.6	316.3	314.5
105°	78.7	128.8	179.0	229.1	279.3	304.8	330.3	355.8	381.3	394.1	392.5
107.5°	321.5	365.2	408.8	452.5	496.1	491.9	487.6	483.4	479.1	477.0	475.7
110°	537.8	547.1	556.5	565.8	575.2	572.1	569.0	565.9	562.8	561.2	560.1

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	665.7	663.2	660.7	658.1	655.6	652.5	649.3	646.2	643.1	641.5	640.5
115°	743.4	740.6	737.7	734.9	732.1	729.5	727.0	724.4	721.9	720.6	719.8
117.5°	816.4	814.1	811.8	809.6	807.3	805.9	804.5	803.1	801.7	801.0	800.0
120°	889.1	886.8	884.5	882.3	880.0	879.2	878.3	877.5	876.6	876.2	874.9
122.5°	958.4	957.0	955.5	954.1	952.7	951.6	950.4	949.3	948.2	947.6	946.6
125°	1022.6	1022.0	1021.5	1020.9	1020.3	1019.2	1018.0	1016.9	1015.8	1015.2	1014.1
127.5°	1091.4	1090.5	1089.6	1088.8	1087.9	1086.5	1085.1	1083.7	1082.3	1081.6	1080.5
130°	1152.4	1151.3	1150.2	1149.0	1147.9	1146.8	1145.6	1144.5	1143.4	1142.8	1141.7
132.5°	1209.8	1208.7	1207.6	1206.4	1205.3	1204.5	1203.6	1202.8	1201.9	1201.5	1200.4
135°	1267.4	1266.5	1265.6	1264.8	1263.9	1262.8	1261.6	1260.5	1259.4	1258.8	1258.0
137.5°	1320.6	1319.2	1317.8	1316.4	1315.0	1314.4	1313.8	1313.3	1312.7	1312.4	1311.3
140°	1369.2	1368.1	1367.0	1365.8	1364.7	1363.9	1363.0	1362.2	1361.3	1360.9	1360.0
142.5°	1415.3	1414.4	1413.6	1412.7	1411.9	1411.1	1410.2	1409.4	1408.5	1408.1	1407.2
145°	1457.5	1457.0	1456.4	1455.9	1455.3	1454.7	1454.1	1453.6	1453.0	1452.7	1451.7
147.5°	1497.0	1496.5	1495.9	1495.4	1494.8	1494.2	1493.6	1493.1	1492.5	1492.2	1491.5
150°	1532.8	1532.2	1531.7	1531.1	1530.5	1529.9	1529.4	1528.8	1528.3	1528.0	1527.6
152.5°	1565.6	1564.5	1563.4	1562.2	1561.1	1560.8	1560.5	1560.2	1559.9	1559.8	1559.7
155°	1594.9	1593.5	1592.0	1590.6	1589.2	1588.9	1588.6	1588.3	1588.0	1587.9	1588.2
157.5°	1621.5	1619.8	1618.1	1616.4	1614.7	1615.0	1615.3	1615.6	1615.9	1616.0	1616.0
160°	1643.2	1641.5	1639.8	1638.1	1636.4	1636.7	1636.9	1637.2	1637.5	1637.6	1637.7
162.5°	1663.4	1661.4	1659.5	1657.5	1655.5	1655.8	1656.1	1656.4	1656.7	1656.8	1657.2
165°	1681.2	1678.9	1676.6	1674.4	1672.1	1672.4	1672.7	1673.0	1673.3	1673.4	1673.8
167.5°	1695.2	1692.9	1690.6	1688.4	1686.1	1686.1	1686.1	1686.1	1686.1	1686.1	1686.7
170°	1706.7	1704.4	1702.1	1699.9	1697.6	1697.6	1697.6	1697.6	1697.6	1697.6	1698.2
172.5°	1714.3	1712.0	1709.7	1707.5	1705.2	1704.9	1704.7	1704.4	1704.1	1704.0	1704.7
175°	1719.5	1717.5	1715.6	1713.6	1711.6	1711.3	1711.0	1710.7	1710.4	1710.3	1711.0
177.5°	1723.3	1721.0	1718.7	1716.5	1714.2	1713.9	1713.6	1713.3	1713.0	1712.9	1713.6
180°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1384.3	1384.3	1384.3	1384.3
2.5°	1354.8	1358.8	1372.2	1388.3
5°	1327.9	1338.7	1357.5	1382.9
7.5°	1298.4	1314.5	1341.4	1373.6
10°	1264.9	1287.7	1321.2	1361.5
12.5°	1228.7	1258.2	1301.1	1342.7
15°	1205.9	1235.4	1274.3	1319.9
17.5°	1161.6	1196.5	1236.7	1301.1
20°	1116.0	1154.9	1207.2	1271.6
22.5°	1081.1	1122.7	1172.4	1240.8
25°	1039.6	1082.5	1136.1	1207.2
27.5°	995.3	1038.2	1098.6	1173.7
30°	961.8	1003.3	1061.0	1141.5
32.5°	921.5	961.8	1022.1	1106.6
35°	875.9	921.5	979.2	1065.0
37.5°	841.0	882.6	943.0	1024.8
40°	803.5	839.7	898.7	979.2
42.5°	763.2	803.5	854.4	934.9
45°	725.7	755.2	807.5	884.0
47.5°	685.4	719.0	759.2	818.2
50°	642.5	670.7	714.9	755.2
52.5°	600.9	623.7	661.3	692.1
55°	556.7	579.5	607.6	626.4
57.5°	515.1	531.2	550.0	562.0
60°	464.1	480.2	492.3	504.4
62.5°	418.5	430.6	437.3	444.0
65°	371.6	378.3	382.3	387.7
67.5°	320.6	327.3	328.6	336.7
70°	273.6	275.0	277.7	281.7
72.5°	229.4	232.1	230.7	233.4
75°	183.8	186.4	183.8	186.4
77.5°	139.5	142.2	142.2	146.2
80°	100.6	101.9	103.3	103.3
82.5°	65.7	69.8	67.1	68.4
85°	37.6	38.9	38.9	40.2
87.5°	17.4	18.8	17.4	20.1
90°	9.8	6.9	4.1	1.3
92.5°	24.2	25.9	27.6	29.3
95°	42.9	54.6	66.2	77.8
97.5°	117.8	125.7	133.7	141.6
100°	232.6	226.9	221.2	215.5
102.5°	310.8	307.1	303.4	299.7
105°	389.4	386.3	383.2	380.1
107.5°	473.2	470.6	468.1	465.5
110°	557.8	555.5	553.3	551.0

TEST NUMBER: P1030655

CATALOG NUMBER: S123DIW-B1000D1320UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	638.5	636.6	634.6	632.6
115°	718.1	716.4	714.7	713.0
117.5°	798.0	796.0	794.0	792.0
120°	872.4	869.8	867.3	864.7
122.5°	944.6	942.7	940.7	938.7
125°	1011.8	1009.5	1007.3	1005.0
127.5°	1078.2	1075.9	1073.7	1071.4
130°	1139.4	1137.1	1134.9	1132.6
132.5°	1198.1	1195.8	1193.5	1191.2
135°	1256.3	1254.6	1252.9	1251.2
137.5°	1309.0	1306.7	1304.5	1302.2
140°	1358.3	1356.6	1354.9	1353.2
142.5°	1405.5	1403.8	1402.1	1400.4
145°	1449.7	1447.8	1445.8	1443.8
147.5°	1490.1	1488.7	1487.3	1485.9
150°	1526.7	1525.8	1525.0	1524.1
152.5°	1559.4	1559.1	1558.9	1558.6
155°	1588.8	1589.3	1589.9	1590.5
157.5°	1616.0	1616.0	1616.0	1616.0
160°	1638.0	1638.3	1638.6	1638.9
162.5°	1658.1	1658.9	1659.8	1660.6
165°	1674.7	1675.5	1676.4	1677.2
167.5°	1687.8	1688.9	1690.1	1691.2
170°	1699.3	1700.4	1701.6	1702.7
172.5°	1706.1	1707.5	1708.9	1710.3
175°	1712.4	1713.9	1715.3	1716.7
177.5°	1715.0	1716.5	1717.9	1719.3
180°	1716.7	1716.7	1716.7	1716.7

(END OF REPORT)