

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: P1030700

Luminaire Tested: S123DIW-B1000D755UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1030700
REPORT IS A COMBINATION OF REPORTS P990794 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B1000D755UB2750-4F0-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

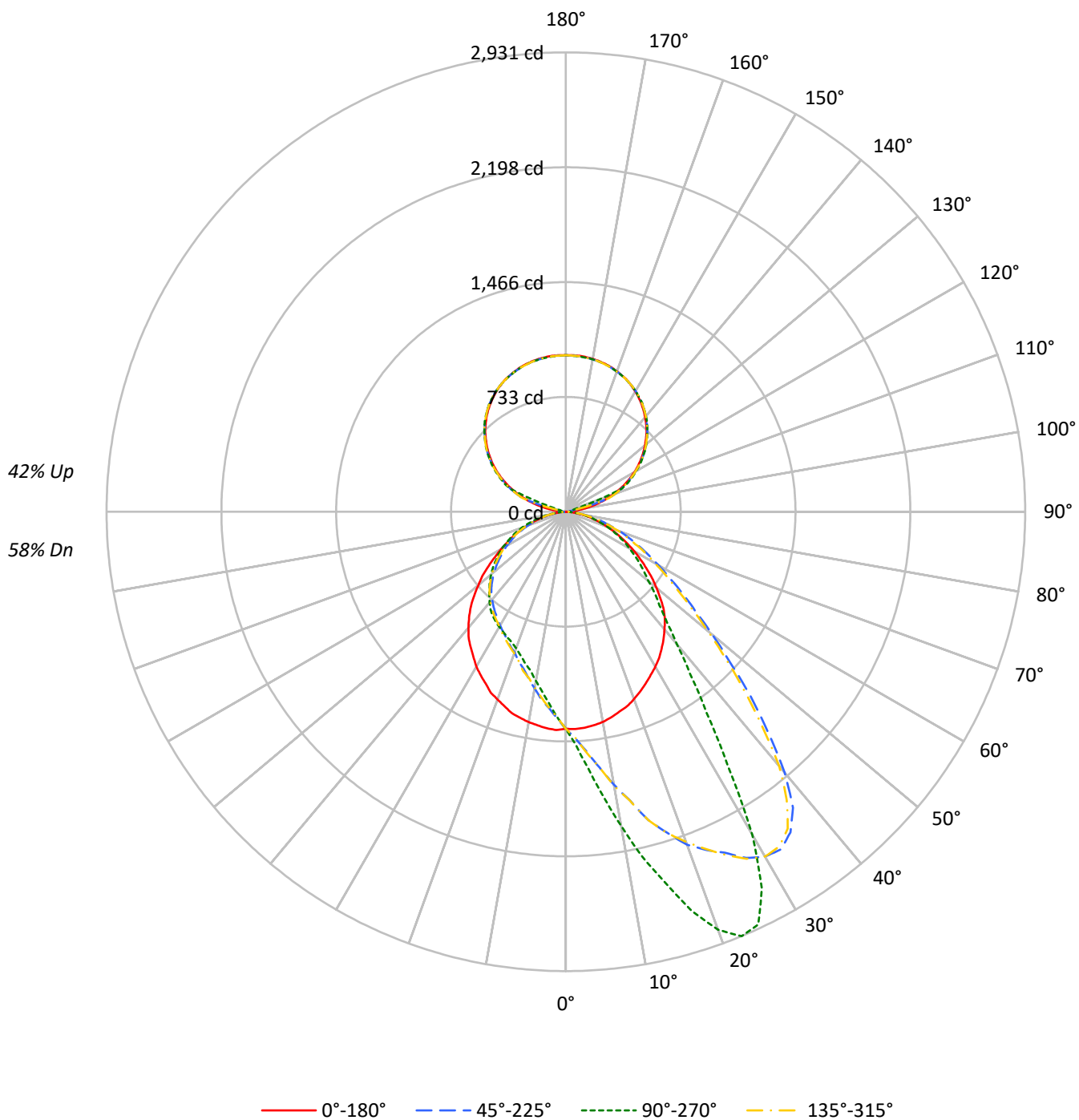
Lumens per Lamp: N/A
Luminaire Lumens: 7225.0 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 70
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: P1030700

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Luminous Intensity Polar Plot



TEST NUMBER: P1030700

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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	109	109	109	109		102	102	102	102		88	88	88		75	75	75		63	63	63
1	100	96	92	88		93	89	86	83		77	75	73		67	65	63		57	55	54
2	91	84	78	73		85	78	73	69		68	64	61		59	56	53		50	48	46
3	83	74	67	61		77	69	63	58		60	55	51		52	48	45		45	42	40
4	76	66	58	52		71	62	55	49		54	48	44		47	42	39		40	37	34
5	70	59	51	45		65	55	48	42		48	43	38		42	38	34		36	33	30
6	65	53	45	39		60	50	42	37		44	38	33		38	33	30		33	29	26
7	60	48	40	34		56	45	38	33		40	34	30		35	30	27		30	26	24
8	56	43	36	30		52	41	34	29		36	30	26		32	27	24		28	24	21
9	52	40	32	27		48	37	31	26		33	28	24		29	25	21		25	22	19
10	48	36	29	24		45	34	28	23		31	25	21		27	22	19		24	20	17

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.1	1.9
10°-20°	437.3	6.1
20°-30°	735.8	10.2
30°-40°	831.5	11.5
40°-50°	744.7	10.3
50°-60°	601.2	8.3
60°-70°	418.9	5.8
70°-80°	219.9	3.0
80°-90°	54.7	0.8
90°-100°	35.2	0.5
100°-110°	170.3	2.4
110°-120°	417.3	5.8
120°-130°	529.8	7.3
130°-140°	565.9	7.8
140°-150°	529.2	7.3
150°-160°	426.9	5.9
160°-170°	275.5	3.8
170°-180°	94.9	1.3
0°-30°	1309.2	18.1
0°-40°	2140.6	29.6
0°-60°	3486.5	48.3
0°-90°	4180.0	57.9
90°-120°	622.8	8.6
90°-150°	2247.7	31.1
90°-180°	3045.0	42.1
0°-180°	7225.0	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	22	1	22	1	5
95°	45	28	45	28	45	54
105°	221	33	221	33	221	234
115°	415	436	415	436	415	410
125°	585	597	585	597	585	522
135°	728	735	728	735	728	560
145°	840	848	840	848	840	526
155°	925	924	925	924	925	426
165°	976	974	976	974	976	276
175°	999	995	999	995	999	95
180°	999	999	999	999	999	

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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°	0.7	2.4	4.0	5.7	7.4	8.2	9.3	11.4	13.5	15.7	17.8
92.5°	17.1	16.1	15.1	14.1	13.1	12.6	13.3	14.8	16.3	17.8	19.3
95°	45.3	38.5	31.7	25.0	18.2	14.8	15.7	17.5	19.4	21.2	23.0
97.5°	82.4	77.8	73.2	68.5	63.9	61.6	57.4	49.0	40.5	32.1	23.7
100°	125.4	128.7	132.0	135.3	138.6	140.3	127.4	101.7	76.0	50.2	24.5
102.5°	174.4	176.5	178.7	180.8	182.9	184.0	169.7	141.0	112.3	83.6	54.9
105°	221.1	222.9	224.7	226.6	228.4	229.3	221.9	207.0	192.2	177.3	162.5
107.5°	270.9	272.4	273.8	275.3	276.8	277.5	278.7	281.2	283.7	286.2	288.7
110°	320.6	321.9	323.2	324.5	325.8	326.5	327.4	329.2	331.1	332.9	334.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	368.1	369.3	370.4	371.6	372.7	373.3	374.2	376.0	377.8	379.6	381.4
115°	414.8	415.8	416.8	417.8	418.8	419.3	420.0	421.5	423.0	424.4	425.9
117.5°	460.8	462.0	463.1	464.3	465.4	466.0	466.4	467.2	468.1	468.9	469.7
120°	503.1	504.6	506.1	507.6	509.1	509.8	510.0	510.5	511.0	511.5	512.0
122.5°	546.2	547.4	548.5	549.7	550.8	551.4	551.7	552.4	553.0	553.7	554.3
125°	584.8	586.1	587.4	588.7	590.0	590.7	591.0	591.7	592.4	593.0	593.7
127.5°	623.3	624.6	626.0	627.3	628.6	629.3	629.7	630.5	631.4	632.2	633.0
130°	659.0	660.3	661.6	662.9	664.2	664.9	665.2	665.9	666.6	667.2	667.9
132.5°	693.1	694.4	695.7	697.0	698.3	699.0	699.3	699.8	700.3	700.8	701.3
135°	728.0	729.0	730.0	730.9	731.9	732.4	732.7	733.4	734.1	734.7	735.4
137.5°	757.7	759.0	760.3	761.6	762.9	763.6	763.8	764.1	764.4	764.8	765.1
140°	787.3	788.3	789.3	790.3	791.3	791.8	792.0	792.5	793.0	793.5	794.0
142.5°	814.8	815.8	816.8	817.7	818.7	819.2	819.5	820.0	820.5	821.0	821.5
145°	840.0	841.2	842.3	843.5	844.6	845.2	845.4	845.7	846.0	846.4	846.7
147.5°	864.5	865.3	866.1	867.0	867.8	868.2	868.4	868.7	869.0	869.4	869.7
150°	886.8	887.3	887.8	888.3	888.8	889.0	889.2	889.5	889.8	890.2	890.5
152.5°	906.8	907.0	907.2	907.3	907.5	907.6	907.7	907.8	908.0	908.1	908.3
155°	925.4	925.1	924.7	924.4	924.1	923.9	924.0	924.1	924.3	924.4	924.6
157.5°	940.2	940.2	940.2	940.2	940.2	940.2	940.1	940.0	939.8	939.7	939.5
160°	953.6	953.4	953.2	953.1	952.9	952.8	952.7	952.6	952.4	952.3	952.1
162.5°	966.2	965.7	965.2	964.7	964.2	963.9	963.8	963.7	963.5	963.4	963.2
165°	975.8	975.3	974.8	974.3	973.8	973.6	973.5	973.4	973.2	973.1	972.9
167.5°	984.0	983.3	982.7	982.0	981.3	981.0	981.0	981.0	981.0	981.0	981.0
170°	990.7	990.0	989.4	988.7	988.0	987.7	987.7	987.7	987.7	987.7	987.7
172.5°	995.1	994.3	993.5	992.6	991.8	991.4	991.5	991.6	991.8	991.9	992.1
175°	998.8	998.0	997.2	996.3	995.5	995.1	995.2	995.4	995.5	995.7	995.9
177.5°	1000.3	999.5	998.7	997.8	997.0	996.6	996.7	996.8	997.0	997.1	997.3
180°	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8

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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°	18.5	19.1	19.8	20.5	20.8	21.0	21.3	21.6	22.0	22.3	22.0
92.5°	20.5	21.6	22.8	23.9	24.5	24.6	24.7	24.9	25.0	25.2	25.0
95°	24.2	25.3	26.5	27.6	28.2	28.2	28.2	28.2	28.2	28.2	28.2
97.5°	25.0	26.4	27.7	29.0	29.7	29.8	29.9	30.1	30.2	30.4	30.2
100°	25.8	27.1	28.4	29.7	30.4	30.5	30.7	30.8	31.0	31.2	31.0
102.5°	49.5	44.0	38.6	33.1	30.4	30.6	30.9	31.2	31.6	31.9	31.6
105°	133.3	104.1	75.0	45.8	31.2	31.4	31.7	32.0	32.4	32.7	32.4
107.5°	263.3	237.9	212.5	187.1	174.4	163.6	142.0	120.4	98.8	77.2	98.8
110°	329.3	323.8	318.4	312.9	310.2	298.4	274.8	251.3	227.7	204.1	227.7

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	382.9	384.4	385.9	387.4	388.1	387.9	387.6	387.3	386.9	386.6	386.9
115°	427.6	429.2	430.9	432.6	433.4	433.7	434.4	435.0	435.7	436.3	435.7
117.5°	471.0	472.4	473.7	475.0	475.7	475.8	475.9	476.1	476.2	476.4	476.2
120°	513.3	514.7	516.0	517.3	518.0	518.0	518.0	518.0	518.0	518.0	518.0
122.5°	555.1	555.9	556.8	557.6	558.0	558.1	558.3	558.4	558.6	558.8	558.6
125°	594.0	594.3	594.6	594.9	595.1	595.3	595.6	595.9	596.3	596.6	596.3
127.5°	633.5	634.0	634.5	635.0	635.2	635.0	634.7	634.4	634.0	633.7	634.0
130°	668.5	669.2	669.8	670.5	670.8	670.6	670.3	670.0	669.6	669.3	669.6
132.5°	701.9	702.6	703.2	703.9	704.2	704.0	703.5	703.0	702.5	702.0	702.5
135°	735.9	736.4	736.9	737.4	737.6	737.4	736.9	736.4	735.9	735.4	735.9
137.5°	765.9	766.7	767.6	768.4	768.8	768.6	768.3	768.0	767.6	767.3	767.6
140°	794.7	795.3	796.0	796.7	797.0	796.8	796.5	796.2	795.8	795.5	795.8
142.5°	822.0	822.5	823.0	823.5	823.7	823.5	823.0	822.5	822.0	821.5	822.0
145°	847.0	847.4	847.7	848.0	848.2	848.2	848.2	848.2	848.2	848.2	848.2
147.5°	870.0	870.4	870.7	871.0	871.2	870.8	870.0	869.1	868.3	867.5	868.3
150°	890.8	891.2	891.5	891.8	892.0	891.7	891.2	890.7	890.2	889.7	890.2
152.5°	909.0	909.6	910.3	911.0	911.3	910.9	910.1	909.2	908.4	907.6	908.4
155°	925.4	926.2	927.1	927.9	928.3	927.8	926.8	925.9	924.9	923.9	924.9
157.5°	940.5	941.5	942.4	943.4	943.9	943.2	941.9	940.6	939.3	938.0	939.3
160°	953.1	954.1	955.0	956.0	956.5	955.9	954.8	953.6	952.5	951.3	952.5
162.5°	964.4	965.5	966.7	967.8	968.4	967.9	966.9	965.9	964.9	963.9	964.9
165°	974.2	975.5	976.8	978.1	978.8	978.2	977.1	975.9	974.8	973.6	974.8
167.5°	982.3	983.7	985.0	986.3	987.0	986.3	985.0	983.7	982.3	981.0	982.3
170°	989.0	990.3	991.6	992.9	993.6	992.9	991.6	990.3	989.0	987.7	989.0
172.5°	993.4	994.8	996.1	997.4	998.1	997.4	995.9	994.4	992.9	991.4	992.9
175°	997.1	998.2	999.4	1000.5	1001.1	1000.4	999.1	997.8	996.4	995.1	996.4
177.5°	998.6	1000.0	1001.3	1002.6	1003.3	1002.5	1000.8	999.2	997.5	995.9	997.5
180°	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-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°	21.6	21.3	21.0	20.8	20.5	19.8	19.1	18.5	17.8	15.7	13.5
92.5°	24.9	24.7	24.6	24.5	23.9	22.8	21.6	20.5	19.3	17.8	16.3
95°	28.2	28.2	28.2	28.2	27.6	26.5	25.3	24.2	23.0	21.2	19.4
97.5°	30.1	29.9	29.8	29.7	29.0	27.7	26.4	25.0	23.7	32.1	40.5
100°	30.8	30.7	30.5	30.4	29.7	28.4	27.1	25.8	24.5	50.2	76.0
102.5°	31.2	30.9	30.6	30.4	33.1	38.6	44.0	49.5	54.9	83.6	112.3
105°	32.0	31.7	31.4	31.2	45.8	75.0	104.1	133.3	162.5	177.3	192.2
107.5°	120.4	142.0	163.6	174.4	187.1	212.5	237.9	263.3	288.7	286.2	283.7
110°	251.3	274.8	298.4	310.2	312.9	318.4	323.8	329.3	334.7	332.9	331.1

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	387.3	387.6	387.9	388.1	387.4	385.9	384.4	382.9	381.4	379.6	377.8
115°	435.0	434.4	433.7	433.4	432.6	430.9	429.2	427.6	425.9	424.4	423.0
117.5°	476.1	475.9	475.8	475.7	475.0	473.7	472.4	471.0	469.7	468.9	468.1
120°	518.0	518.0	518.0	518.0	517.3	516.0	514.7	513.3	512.0	511.5	511.0
122.5°	558.4	558.3	558.1	558.0	557.6	556.8	555.9	555.1	554.3	553.7	553.0
125°	595.9	595.6	595.3	595.1	594.9	594.6	594.3	594.0	593.7	593.0	592.4
127.5°	634.4	634.7	635.0	635.2	635.0	634.5	634.0	633.5	633.0	632.2	631.4
130°	670.0	670.3	670.6	670.8	670.5	669.8	669.2	668.5	667.9	667.2	666.6
132.5°	703.0	703.5	704.0	704.2	703.9	703.2	702.6	701.9	701.3	700.8	700.3
135°	736.4	736.9	737.4	737.6	737.4	736.9	736.4	735.9	735.4	734.7	734.1
137.5°	768.0	768.3	768.6	768.8	768.4	767.6	766.7	765.9	765.1	764.8	764.4
140°	796.2	796.5	796.8	797.0	796.7	796.0	795.3	794.7	794.0	793.5	793.0
142.5°	822.5	823.0	823.5	823.7	823.5	823.0	822.5	822.0	821.5	821.0	820.5
145°	848.2	848.2	848.2	848.2	848.0	847.7	847.4	847.0	846.7	846.4	846.0
147.5°	869.1	870.0	870.8	871.2	871.0	870.7	870.4	870.0	869.7	869.4	869.0
150°	890.7	891.2	891.7	892.0	891.8	891.5	891.2	890.8	890.5	890.2	889.8
152.5°	909.2	910.1	910.9	911.3	911.0	910.3	909.6	909.0	908.3	908.1	908.0
155°	925.9	926.8	927.8	928.3	927.9	927.1	926.2	925.4	924.6	924.4	924.3
157.5°	940.6	941.9	943.2	943.9	943.4	942.4	941.5	940.5	939.5	939.7	939.8
160°	953.6	954.8	955.9	956.5	956.0	955.0	954.1	953.1	952.1	952.3	952.4
162.5°	965.9	966.9	967.9	968.4	967.8	966.7	965.5	964.4	963.2	963.4	963.5
165°	975.9	977.1	978.2	978.8	978.1	976.8	975.5	974.2	972.9	973.1	973.2
167.5°	983.7	985.0	986.3	987.0	986.3	985.0	983.7	982.3	981.0	981.0	981.0
170°	990.3	991.6	992.9	993.6	992.9	991.6	990.3	989.0	987.7	987.7	987.7
172.5°	994.4	995.9	997.4	998.1	997.4	996.1	994.8	993.4	992.1	991.9	991.8
175°	997.8	999.1	1000.4	1001.1	1000.5	999.4	998.2	997.1	995.9	995.7	995.5
177.5°	999.2	1000.8	1002.5	1003.3	1002.6	1001.3	1000.0	998.6	997.3	997.1	997.0
180°	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-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°	11.4	9.3	8.2	7.4	5.7	4.0	2.4	0.7	2.4	4.0	5.7
92.5°	14.8	13.3	12.6	13.1	14.1	15.1	16.1	17.1	16.1	15.1	14.1
95°	17.5	15.7	14.8	18.2	25.0	31.7	38.5	45.3	38.5	31.7	25.0
97.5°	49.0	57.4	61.6	63.9	68.5	73.2	77.8	82.4	77.8	73.2	68.5
100°	101.7	127.4	140.3	138.6	135.3	132.0	128.7	125.4	128.7	132.0	135.3
102.5°	141.0	169.7	184.0	182.9	180.8	178.7	176.5	174.4	176.5	178.7	180.8
105°	207.0	221.9	229.3	228.4	226.6	224.7	222.9	221.1	222.9	224.7	226.6
107.5°	281.2	278.7	277.5	276.8	275.3	273.8	272.4	270.9	272.4	273.8	275.3
110°	329.2	327.4	326.5	325.8	324.5	323.2	321.9	320.6	321.9	323.2	324.5

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	376.0	374.2	373.3	372.7	371.6	370.4	369.3	368.1	369.3	370.4	371.6
115°	421.5	420.0	419.3	418.8	417.8	416.8	415.8	414.8	415.8	416.8	417.8
117.5°	467.2	466.4	466.0	465.4	464.3	463.1	462.0	460.8	462.0	463.1	464.3
120°	510.5	510.0	509.8	509.1	507.6	506.1	504.6	503.1	504.6	506.1	507.6
122.5°	552.4	551.7	551.4	550.8	549.7	548.5	547.4	546.2	547.4	548.5	549.7
125°	591.7	591.0	590.7	590.0	588.7	587.4	586.1	584.8	586.1	587.4	588.7
127.5°	630.5	629.7	629.3	628.6	627.3	626.0	624.6	623.3	624.6	626.0	627.3
130°	665.9	665.2	664.9	664.2	662.9	661.6	660.3	659.0	660.3	661.6	662.9
132.5°	699.8	699.3	699.0	698.3	697.0	695.7	694.4	693.1	694.4	695.7	697.0
135°	733.4	732.7	732.4	731.9	730.9	730.0	729.0	728.0	729.0	730.0	730.9
137.5°	764.1	763.8	763.6	762.9	761.6	760.3	759.0	757.7	759.0	760.3	761.6
140°	792.5	792.0	791.8	791.3	790.3	789.3	788.3	787.3	788.3	789.3	790.3
142.5°	820.0	819.5	819.2	818.7	817.7	816.8	815.8	814.8	815.8	816.8	817.7
145°	845.7	845.4	845.2	844.6	843.5	842.3	841.2	840.0	841.2	842.3	843.5
147.5°	868.7	868.4	868.2	867.8	867.0	866.1	865.3	864.5	865.3	866.1	867.0
150°	889.5	889.2	889.0	888.8	888.3	887.8	887.3	886.8	887.3	887.8	888.3
152.5°	907.8	907.7	907.6	907.5	907.3	907.2	907.0	906.8	907.0	907.2	907.3
155°	924.1	924.0	923.9	924.1	924.4	924.7	925.1	925.4	925.1	924.7	924.4
157.5°	940.0	940.1	940.2	940.2	940.2	940.2	940.2	940.2	940.2	940.2	940.2
160°	952.6	952.7	952.8	952.9	953.1	953.2	953.4	953.6	953.4	953.2	953.1
162.5°	963.7	963.8	963.9	964.2	964.7	965.2	965.7	966.2	965.7	965.2	964.7
165°	973.4	973.5	973.6	973.8	974.3	974.8	975.3	975.8	975.3	974.8	974.3
167.5°	981.0	981.0	981.0	981.3	982.0	982.7	983.3	984.0	983.3	982.7	982.0
170°	987.7	987.7	987.7	988.0	988.7	989.4	990.0	990.7	990.0	989.4	988.7
172.5°	991.6	991.5	991.4	991.8	992.6	993.5	994.3	995.1	994.3	993.5	992.6
175°	995.4	995.2	995.1	995.5	996.3	997.2	998.0	998.8	998.0	997.2	996.3
177.5°	996.8	996.7	996.6	997.0	997.8	998.7	999.5	1000.3	999.5	998.7	997.8
180°	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-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°	7.4	8.2	9.3	11.4	13.5	15.7	17.8	18.5	19.1	19.8	20.5
92.5°	13.1	12.6	13.3	14.8	16.3	17.8	19.3	20.5	21.6	22.8	23.9
95°	18.2	14.8	15.7	17.5	19.4	21.2	23.0	24.2	25.3	26.5	27.6
97.5°	63.9	61.6	57.4	49.0	40.5	32.1	23.7	25.0	26.4	27.7	29.0
100°	138.6	140.3	127.4	101.7	76.0	50.2	24.5	25.8	27.1	28.4	29.7
102.5°	182.9	184.0	169.7	141.0	112.3	83.6	54.9	49.5	44.0	38.6	33.1
105°	228.4	229.3	221.9	207.0	192.2	177.3	162.5	133.3	104.1	75.0	45.8
107.5°	276.8	277.5	278.7	281.2	283.7	286.2	288.7	263.3	237.9	212.5	187.1
110°	325.8	326.5	327.4	329.2	331.1	332.9	334.7	329.3	323.8	318.4	312.9

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	372.7	373.3	374.2	376.0	377.8	379.6	381.4	382.9	384.4	385.9	387.4
115°	418.8	419.3	420.0	421.5	423.0	424.4	425.9	427.6	429.2	430.9	432.6
117.5°	465.4	466.0	466.4	467.2	468.1	468.9	469.7	471.0	472.4	473.7	475.0
120°	509.1	509.8	510.0	510.5	511.0	511.5	512.0	513.3	514.7	516.0	517.3
122.5°	550.8	551.4	551.7	552.4	553.0	553.7	554.3	555.1	555.9	556.8	557.6
125°	590.0	590.7	591.0	591.7	592.4	593.0	593.7	594.0	594.3	594.6	594.9
127.5°	628.6	629.3	629.7	630.5	631.4	632.2	633.0	633.5	634.0	634.5	635.0
130°	664.2	664.9	665.2	665.9	666.6	667.2	667.9	668.5	669.2	669.8	670.5
132.5°	698.3	699.0	699.3	699.8	700.3	700.8	701.3	701.9	702.6	703.2	703.9
135°	731.9	732.4	732.7	733.4	734.1	734.7	735.4	735.9	736.4	736.9	737.4
137.5°	762.9	763.6	763.8	764.1	764.4	764.8	765.1	765.9	766.7	767.6	768.4
140°	791.3	791.8	792.0	792.5	793.0	793.5	794.0	794.7	795.3	796.0	796.7
142.5°	818.7	819.2	819.5	820.0	820.5	821.0	821.5	822.0	822.5	823.0	823.5
145°	844.6	845.2	845.4	845.7	846.0	846.4	846.7	847.0	847.4	847.7	848.0
147.5°	867.8	868.2	868.4	868.7	869.0	869.4	869.7	870.0	870.4	870.7	871.0
150°	888.8	889.0	889.2	889.5	889.8	890.2	890.5	890.8	891.2	891.5	891.8
152.5°	907.5	907.6	907.7	907.8	908.0	908.1	908.3	909.0	909.6	910.3	911.0
155°	924.1	923.9	924.0	924.1	924.3	924.4	924.6	925.4	926.2	927.1	927.9
157.5°	940.2	940.2	940.1	940.0	939.8	939.7	939.5	940.5	941.5	942.4	943.4
160°	952.9	952.8	952.7	952.6	952.4	952.3	952.1	953.1	954.1	955.0	956.0
162.5°	964.2	963.9	963.8	963.7	963.5	963.4	963.2	964.4	965.5	966.7	967.8
165°	973.8	973.6	973.5	973.4	973.2	973.1	972.9	974.2	975.5	976.8	978.1
167.5°	981.3	981.0	981.0	981.0	981.0	981.0	981.0	982.3	983.7	985.0	986.3
170°	988.0	987.7	987.7	987.7	987.7	987.7	987.7	989.0	990.3	991.6	992.9
172.5°	991.8	991.4	991.5	991.6	991.8	991.9	992.1	993.4	994.8	996.1	997.4
175°	995.5	995.1	995.2	995.4	995.5	995.7	995.9	997.1	998.2	999.4	1000.5
177.5°	997.0	996.6	996.7	996.8	997.0	997.1	997.3	998.6	1000.0	1001.3	1002.6
180°	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-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°	20.8	21.0	21.3	21.6	22.0	22.3	22.0	21.6	21.3	21.0	20.8
92.5°	24.5	24.6	24.7	24.9	25.0	25.2	25.0	24.9	24.7	24.6	24.5
95°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
97.5°	29.7	29.8	29.9	30.1	30.2	30.4	30.2	30.1	29.9	29.8	29.7
100°	30.4	30.5	30.7	30.8	31.0	31.2	31.0	30.8	30.7	30.5	30.4
102.5°	30.4	30.6	30.9	31.2	31.6	31.9	31.6	31.2	30.9	30.6	30.4
105°	31.2	31.4	31.7	32.0	32.4	32.7	32.4	32.0	31.7	31.4	31.2
107.5°	174.4	163.6	142.0	120.4	98.8	77.2	98.8	120.4	142.0	163.6	174.4
110°	310.2	298.4	274.8	251.3	227.7	204.1	227.7	251.3	274.8	298.4	310.2

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	388.1	387.9	387.6	387.3	386.9	386.6	386.9	387.3	387.6	387.9	388.1
115°	433.4	433.7	434.4	435.0	435.7	436.3	435.7	435.0	434.4	433.7	433.4
117.5°	475.7	475.8	475.9	476.1	476.2	476.4	476.2	476.1	475.9	475.8	475.7
120°	518.0	518.0	518.0	518.0	518.0	518.0	518.0	518.0	518.0	518.0	518.0
122.5°	558.0	558.1	558.3	558.4	558.6	558.8	558.6	558.4	558.3	558.1	558.0
125°	595.1	595.3	595.6	595.9	596.3	596.6	596.3	595.9	595.6	595.3	595.1
127.5°	635.2	635.0	634.7	634.4	634.0	633.7	634.0	634.4	634.7	635.0	635.2
130°	670.8	670.6	670.3	670.0	669.6	669.3	669.6	670.0	670.3	670.6	670.8
132.5°	704.2	704.0	703.5	703.0	702.5	702.0	702.5	703.0	703.5	704.0	704.2
135°	737.6	737.4	736.9	736.4	735.9	735.4	735.9	736.4	736.9	737.4	737.6
137.5°	768.8	768.6	768.3	768.0	767.6	767.3	767.6	768.0	768.3	768.6	768.8
140°	797.0	796.8	796.5	796.2	795.8	795.5	795.8	796.2	796.5	796.8	797.0
142.5°	823.7	823.5	823.0	822.5	822.0	821.5	822.0	822.5	823.0	823.5	823.7
145°	848.2	848.2	848.2	848.2	848.2	848.2	848.2	848.2	848.2	848.2	848.2
147.5°	871.2	870.8	870.0	869.1	868.3	867.5	868.3	869.1	870.0	870.8	871.2
150°	892.0	891.7	891.2	890.7	890.2	889.7	890.2	890.7	891.2	891.7	892.0
152.5°	911.3	910.9	910.1	909.2	908.4	907.6	908.4	909.2	910.1	910.9	911.3
155°	928.3	927.8	926.8	925.9	924.9	923.9	924.9	925.9	926.8	927.8	928.3
157.5°	943.9	943.2	941.9	940.6	939.3	938.0	939.3	940.6	941.9	943.2	943.9
160°	956.5	955.9	954.8	953.6	952.5	951.3	952.5	953.6	954.8	955.9	956.5
162.5°	968.4	967.9	966.9	965.9	964.9	963.9	964.9	965.9	966.9	967.9	968.4
165°	978.8	978.2	977.1	975.9	974.8	973.6	974.8	975.9	977.1	978.2	978.8
167.5°	987.0	986.3	985.0	983.7	982.3	981.0	982.3	983.7	985.0	986.3	987.0
170°	993.6	992.9	991.6	990.3	989.0	987.7	989.0	990.3	991.6	992.9	993.6
172.5°	998.1	997.4	995.9	994.4	992.9	991.4	992.9	994.4	995.9	997.4	998.1
175°	1001.1	1000.4	999.1	997.8	996.4	995.1	996.4	997.8	999.1	1000.4	1001.1
177.5°	1003.3	1002.5	1000.8	999.2	997.5	995.9	997.5	999.2	1000.8	1002.5	1003.3
180°	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-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°	20.5	19.8	19.1	18.5	17.8	15.7	13.5	11.4	9.3	8.2	7.4
92.5°	23.9	22.8	21.6	20.5	19.3	17.8	16.3	14.8	13.3	12.6	13.1
95°	27.6	26.5	25.3	24.2	23.0	21.2	19.4	17.5	15.7	14.8	18.2
97.5°	29.0	27.7	26.4	25.0	23.7	32.1	40.5	49.0	57.4	61.6	63.9
100°	29.7	28.4	27.1	25.8	24.5	50.2	76.0	101.7	127.4	140.3	138.6
102.5°	33.1	38.6	44.0	49.5	54.9	83.6	112.3	141.0	169.7	184.0	182.9
105°	45.8	75.0	104.1	133.3	162.5	177.3	192.2	207.0	221.9	229.3	228.4
107.5°	187.1	212.5	237.9	263.3	288.7	286.2	283.7	281.2	278.7	277.5	276.8
110°	312.9	318.4	323.8	329.3	334.7	332.9	331.1	329.2	327.4	326.5	325.8

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	387.4	385.9	384.4	382.9	381.4	379.6	377.8	376.0	374.2	373.3	372.7
115°	432.6	430.9	429.2	427.6	425.9	424.4	423.0	421.5	420.0	419.3	418.8
117.5°	475.0	473.7	472.4	471.0	469.7	468.9	468.1	467.2	466.4	466.0	465.4
120°	517.3	516.0	514.7	513.3	512.0	511.5	511.0	510.5	510.0	509.8	509.1
122.5°	557.6	556.8	555.9	555.1	554.3	553.7	553.0	552.4	551.7	551.4	550.8
125°	594.9	594.6	594.3	594.0	593.7	593.0	592.4	591.7	591.0	590.7	590.0
127.5°	635.0	634.5	634.0	633.5	633.0	632.2	631.4	630.5	629.7	629.3	628.6
130°	670.5	669.8	669.2	668.5	667.9	667.2	666.6	665.9	665.2	664.9	664.2
132.5°	703.9	703.2	702.6	701.9	701.3	700.8	700.3	699.8	699.3	699.0	698.3
135°	737.4	736.9	736.4	735.9	735.4	734.7	734.1	733.4	732.7	732.4	731.9
137.5°	768.4	767.6	766.7	765.9	765.1	764.8	764.4	764.1	763.8	763.6	762.9
140°	796.7	796.0	795.3	794.7	794.0	793.5	793.0	792.5	792.0	791.8	791.3
142.5°	823.5	823.0	822.5	822.0	821.5	821.0	820.5	820.0	819.5	819.2	818.7
145°	848.0	847.7	847.4	847.0	846.7	846.4	846.0	845.7	845.4	845.2	844.6
147.5°	871.0	870.7	870.4	870.0	869.7	869.4	869.0	868.7	868.4	868.2	867.8
150°	891.8	891.5	891.2	890.8	890.5	890.2	889.8	889.5	889.2	889.0	888.8
152.5°	911.0	910.3	909.6	909.0	908.3	908.1	908.0	907.8	907.7	907.6	907.5
155°	927.9	927.1	926.2	925.4	924.6	924.4	924.3	924.1	924.0	923.9	924.1
157.5°	943.4	942.4	941.5	940.5	939.5	939.7	939.8	940.0	940.1	940.2	940.2
160°	956.0	955.0	954.1	953.1	952.1	952.3	952.4	952.6	952.7	952.8	952.9
162.5°	967.8	966.7	965.5	964.4	963.2	963.4	963.5	963.7	963.8	963.9	964.2
165°	978.1	976.8	975.5	974.2	972.9	973.1	973.2	973.4	973.5	973.6	973.8
167.5°	986.3	985.0	983.7	982.3	981.0	981.0	981.0	981.0	981.0	981.0	981.3
170°	992.9	991.6	990.3	989.0	987.7	987.7	987.7	987.7	987.7	987.7	988.0
172.5°	997.4	996.1	994.8	993.4	992.1	991.9	991.8	991.6	991.5	991.4	991.8
175°	1000.5	999.4	998.2	997.1	995.9	995.7	995.5	995.4	995.2	995.1	995.5
177.5°	1002.6	1001.3	1000.0	998.6	997.3	997.1	997.0	996.8	996.7	996.6	997.0
180°	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8

TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-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°	5.7	4.0	2.4	0.7
92.5°	14.1	15.1	16.1	17.1
95°	25.0	31.7	38.5	45.3
97.5°	68.5	73.2	77.8	82.4
100°	135.3	132.0	128.7	125.4
102.5°	180.8	178.7	176.5	174.4
105°	226.6	224.7	222.9	221.1
107.5°	275.3	273.8	272.4	270.9
110°	324.5	323.2	321.9	320.6



TEST NUMBER: P1030700

CATALOG NUMBER: S123DIW-B1000D755UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	371.6	370.4	369.3	368.1
115°	417.8	416.8	415.8	414.8
117.5°	464.3	463.1	462.0	460.8
120°	507.6	506.1	504.6	503.1
122.5°	549.7	548.5	547.4	546.2
125°	588.7	587.4	586.1	584.8
127.5°	627.3	626.0	624.6	623.3
130°	662.9	661.6	660.3	659.0
132.5°	697.0	695.7	694.4	693.1
135°	730.9	730.0	729.0	728.0
137.5°	761.6	760.3	759.0	757.7
140°	790.3	789.3	788.3	787.3
142.5°	817.7	816.8	815.8	814.8
145°	843.5	842.3	841.2	840.0
147.5°	867.0	866.1	865.3	864.5
150°	888.3	887.8	887.3	886.8
152.5°	907.3	907.2	907.0	906.8
155°	924.4	924.7	925.1	925.4
157.5°	940.2	940.2	940.2	940.2
160°	953.1	953.2	953.4	953.6
162.5°	964.7	965.2	965.7	966.2
165°	974.3	974.8	975.3	975.8
167.5°	982.0	982.7	983.3	984.0
170°	988.7	989.4	990.0	990.7
172.5°	992.6	993.5	994.3	995.1
175°	996.3	997.2	998.0	998.8
177.5°	997.8	998.7	999.5	1000.3
180°	998.8	998.8	998.8	998.8

(END OF REPORT)