

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: P1033272

Luminaire Tested: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1033272
REPORT IS A COMBINATION OF REPORTS P997045 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124DIW-B1195D1340UB30-4F0-XX-W2A-A
Description: Define 4 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

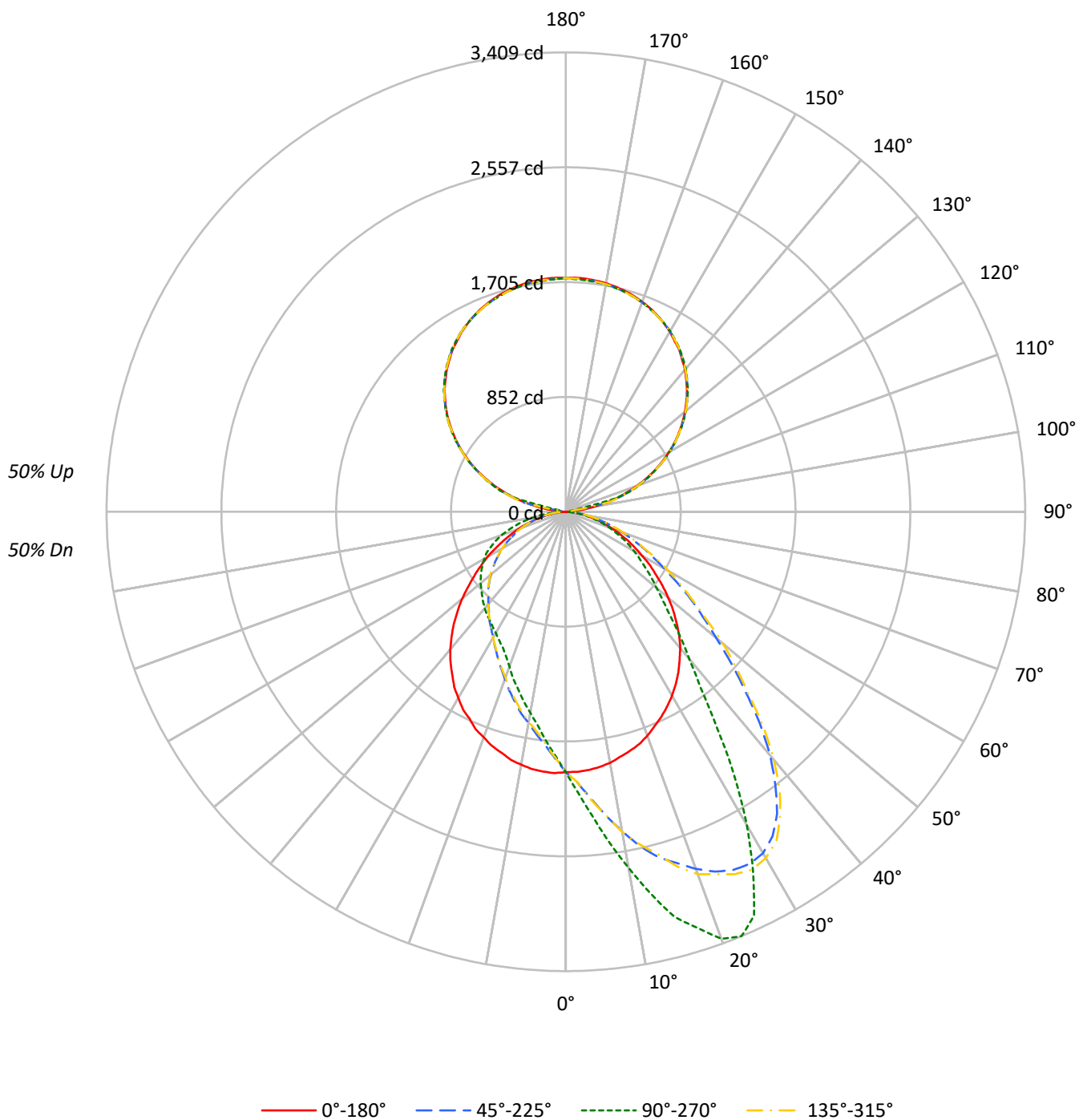
Lumens per Lamp: N/A
Luminaire Lumens: 10702.0 lumens
Efficiency: N/A
Efficacy: 103.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	56	56	50
1	98	94	90	86	90	87	83	80	73	71	69	61	59	58	50	49	48	48	48	42
2	89	82	76	71	82	76	71	66	64	61	57	54	51	49	44	42	41	41	41	36
3	82	72	65	59	75	67	61	56	57	52	48	48	44	41	39	37	35	35	35	31
4	75	64	56	50	69	60	53	47	51	46	41	43	39	36	35	32	30	30	30	26
5	69	57	49	43	63	53	46	41	46	40	36	38	34	31	32	29	26	26	26	23
6	63	51	43	38	58	48	41	36	41	36	31	35	31	27	29	26	23	23	23	20
7	59	46	39	33	54	43	36	31	37	32	28	32	27	24	26	23	21	21	21	18
8	54	42	35	29	50	39	33	28	34	29	25	29	25	22	24	21	19	19	19	16
9	51	39	31	26	47	36	29	25	31	26	22	27	23	19	22	19	17	17	17	15
10	47	35	28	23	44	33	27	22	29	24	20	25	21	18	21	18	15	15	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15751	15751	15751	15751
5°	15712	18070	15803	13578
10°	15594	21082	15713	11912
15°	15406	24304	15513	10659
20°	15207	26353	15317	9556
25°	14916	26052	15058	8743
30°	14631	21533	14809	8323
35°	14232	16047	14389	8069
40°	13765	12088	13898	7945
45°	13053	9702	13215	7776
50°	12203	8174	12381	7697
55°	11204	7114	11380	7606
60°	10231	6264	10531	7479
65°	9320	5390	9408	7168
70°	8248	4435	8426	6600
75°	7193	3407	7147	5608
80°	5659	2239	5593	4256
85°	3726	1006	3493	2482

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 20367 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.0	1.8
10°-20°	580.2	5.4
20°-30°	921.8	8.6
30°-40°	1024.3	9.6
40°-50°	931.5	8.7
50°-60°	761.2	7.1
60°-70°	543.3	5.1
70°-80°	299.0	2.8
80°-90°	84.4	0.8
90°-100°	57.6	0.5
100°-110°	379.3	3.5
110°-120°	724.2	6.8
120°-130°	919.4	8.6
130°-140°	983.6	9.2
140°-150°	919.7	8.6
150°-160°	741.6	6.9
160°-170°	478.3	4.5
170°-180°	164.8	1.5
0°-30°	1690.0	15.8
0°-40°	2714.3	25.4
0°-60°	4406.9	41.2
0°-90°	5333.6	49.8
90°-120°	1161.0	10.8
90°-150°	3983.6	37.2
90°-180°	5368.0	50.2
0°-180°	10702.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1932	1932	1932	1932	1932	
5°	1924	2266	1935	1703	1924	183
15°	1837	3113	1850	1365	1837	518
25°	1677	3305	1693	1109	1677	773
35°	1455	1954	1471	983	1455	909
45°	1160	1096	1175	879	1160	895
55°	816	717	829	766	816	734
65°	509	461	514	613	509	503
75°	250	230	248	379	250	262
85°	51	48	48	118	51	60
90°	4	39	4	39	4	7
95°	71	38	71	38	71	88
105°	391	370	391	370	391	409
115°	729	734	729	734	729	718
125°	1025	1033	1025	1033	1025	915
135°	1272	1281	1272	1281	1272	980
145°	1466	1474	1466	1474	1466	916
155°	1608	1606	1608	1606	1608	741
165°	1696	1688	1696	1688	1696	479
175°	1735	1724	1735	1724	1735	165
180°	1735	1735	1735	1735	1735	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1931.6	1950.8	1958.8	1965.2	1986.0	1992.4	1994.0	2003.6	2011.6	2013.2	2013.2
5°	1923.6	1954.0	1978.0	2000.4	2034.0	2048.4	2066.0	2085.2	2110.8	2126.8	2134.8
7.5°	1910.8	1955.6	1992.4	2030.8	2077.2	2106.0	2122.0	2173.2	2208.4	2237.2	2272.4
10°	1891.6	1949.2	2002.0	2058.0	2123.6	2158.8	2194.0	2256.4	2306.0	2362.0	2406.8
12.5°	1862.7	1938.0	2002.0	2080.4	2162.0	2203.6	2245.2	2354.0	2411.6	2461.3	2541.3
15°	1837.1	1912.4	2003.6	2083.6	2184.4	2246.8	2307.6	2378.0	2469.3	2576.5	2653.3
17.5°	1808.3	1902.8	1987.6	2099.6	2211.6	2270.8	2320.4	2429.3	2557.3	2662.9	2733.3
20°	1768.3	1864.3	1976.4	2094.8	2227.6	2274.0	2339.6	2485.3	2600.5	2704.5	2819.7
22.5°	1721.9	1833.9	1952.4	2066.0	2203.6	2301.2	2373.2	2501.3	2640.5	2760.5	2890.1
25°	1677.1	1798.7	1902.8	2058.0	2203.6	2269.2	2350.8	2502.9	2654.9	2800.5	2933.3
27.5°	1629.1	1742.7	1883.6	2006.8	2171.6	2243.6	2331.6	2498.1	2659.7	2805.3	2947.7
30°	1576.3	1697.9	1814.7	1960.4	2120.4	2213.2	2294.8	2475.7	2640.5	2792.5	2925.3
32.5°	1517.1	1632.3	1757.1	1894.8	2062.8	2157.2	2259.6	2445.3	2621.3	2752.5	2854.9
35°	1454.7	1571.5	1680.3	1821.1	1994.0	2088.4	2187.6	2392.4	2566.9	2674.1	2733.3
37.5°	1385.9	1496.3	1603.5	1742.7	1915.6	2016.4	2117.2	2315.6	2480.5	2570.1	2554.1
40°	1320.2	1419.5	1518.7	1649.9	1830.7	1938.0	2026.0	2226.0	2370.0	2408.4	2355.6
42.5°	1245.0	1329.8	1425.9	1560.3	1736.3	1837.1	1947.6	2130.0	2237.2	2221.2	2131.6
45°	1160.2	1235.4	1331.4	1457.9	1637.1	1741.1	1833.9	2006.8	2085.2	2045.2	1882.0
47.5°	1078.6	1152.2	1230.6	1357.1	1531.5	1619.5	1713.9	1869.1	1914.0	1829.1	1665.9
50°	990.6	1051.4	1133.0	1253.0	1416.3	1509.1	1587.5	1712.3	1728.3	1624.3	1454.7
52.5°	905.8	957.0	1035.4	1153.8	1305.8	1379.5	1456.3	1566.7	1553.9	1446.7	1283.4
55°	816.2	864.2	936.2	1045.0	1179.4	1249.8	1315.4	1413.1	1385.9	1275.4	1133.0
57.5°	740.9	774.5	845.0	945.8	1056.2	1133.0	1189.0	1265.8	1224.2	1113.8	981.0
60°	654.5	696.1	755.3	837.0	945.8	997.0	1046.6	1097.8	1069.0	963.4	845.0
62.5°	576.1	608.1	659.3	737.7	822.6	869.0	921.8	953.8	925.0	827.4	728.1
65°	508.9	534.5	574.5	638.5	720.1	758.5	788.9	819.4	795.3	704.1	632.1
67.5°	435.3	457.7	491.3	542.5	611.3	638.5	667.3	688.1	660.9	600.1	529.7
70°	369.7	385.7	417.7	456.1	504.1	529.7	553.7	574.5	550.5	499.3	446.5
72.5°	302.5	315.3	344.1	371.3	414.5	432.1	449.7	465.7	457.7	409.7	366.5
75°	249.6	254.4	273.7	296.1	323.3	342.5	355.3	364.9	358.5	320.1	292.9
77.5°	188.8	195.2	209.6	227.2	251.2	262.4	270.5	280.1	272.1	241.6	222.4
80°	137.6	139.2	147.2	163.2	179.2	180.8	188.8	201.6	196.8	176.0	161.6
82.5°	88.0	92.8	96.0	105.6	116.8	120.0	124.8	128.0	126.4	113.6	108.8
85°	51.2	51.2	54.4	60.8	64.0	68.8	70.4	72.0	75.2	67.2	62.4
87.5°	22.4	24.0	24.0	25.6	28.8	28.8	30.4	32.0	33.6	32.0	27.2
90°	3.9	7.1	10.3	13.4	16.6	18.2	19.3	21.6	23.9	26.2	28.5
92.5°	19.5	18.9	18.3	17.8	17.2	16.9	18.0	20.3	22.6	24.9	27.2
95°	71.4	61.6	51.8	41.9	32.1	27.2	27.3	27.6	27.9	28.2	28.5
97.5°	136.2	142.6	148.9	155.3	161.6	164.8	149.7	119.4	89.1	58.8	28.5
100°	212.8	218.0	223.2	228.4	233.6	236.2	216.3	176.5	136.7	96.9	57.1
102.5°	298.5	301.9	305.4	308.8	312.3	314.0	315.7	319.2	322.7	326.1	329.6
105°	390.6	392.3	394.1	395.8	397.5	398.4	399.1	400.6	402.0	403.5	404.9
107.5°	474.9	475.8	476.6	477.5	478.4	478.8	479.8	481.8	483.9	485.9	487.9
110°	560.6	561.5	562.3	563.2	564.1	564.5	565.4	567.1	568.8	570.5	572.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	643.6	645.3	647.1	648.8	650.5	651.4	651.7	652.3	652.8	653.4	654.0
115°	729.3	730.2	731.0	731.9	732.8	733.2	733.1	732.8	732.5	732.2	731.9
117.5°	805.8	807.0	808.1	809.3	810.4	811.0	811.4	812.3	813.2	814.0	814.9
120°	883.7	884.9	886.0	887.2	888.3	888.9	888.8	888.5	888.2	887.9	887.6
122.5°	956.3	956.9	957.5	958.0	958.6	958.9	959.2	959.8	960.3	960.9	961.5
125°	1025.1	1026.3	1027.4	1028.6	1029.7	1030.3	1030.0	1029.4	1028.9	1028.3	1027.7
127.5°	1091.3	1091.6	1091.9	1092.2	1092.5	1092.6	1093.3	1094.8	1096.2	1097.7	1099.1
130°	1154.9	1155.2	1155.5	1155.8	1156.1	1156.2	1156.6	1157.5	1158.4	1159.2	1160.1
132.5°	1213.3	1213.9	1214.5	1215.0	1215.6	1215.9	1216.5	1217.6	1218.8	1219.9	1221.1
135°	1271.7	1271.4	1271.1	1270.8	1270.5	1270.4	1271.0	1272.1	1273.3	1274.4	1275.6
137.5°	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6	1324.3	1325.8	1327.2	1328.7	1330.1
140°	1374.2	1374.8	1375.4	1375.9	1376.5	1376.8	1377.1	1377.7	1378.2	1378.8	1379.4
142.5°	1419.6	1420.8	1421.9	1423.1	1424.2	1424.8	1424.9	1425.2	1425.5	1425.8	1426.1
145°	1466.3	1467.2	1468.0	1468.9	1469.8	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2
147.5°	1502.6	1504.3	1506.1	1507.8	1509.5	1510.4	1510.3	1510.0	1509.7	1509.4	1509.1
150°	1542.9	1544.1	1545.2	1546.4	1547.5	1548.1	1548.0	1547.7	1547.4	1547.1	1546.8
152.5°	1576.6	1577.5	1578.3	1579.2	1580.1	1580.5	1580.2	1579.6	1579.1	1578.5	1577.9
155°	1607.7	1608.0	1608.3	1608.6	1608.9	1609.0	1608.6	1607.7	1606.8	1606.0	1605.1
157.5°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1634.4	1633.3	1632.1	1631.0	1629.8
160°	1658.3	1657.5	1656.6	1655.8	1654.9	1654.5	1654.4	1654.1	1653.8	1653.5	1653.2
162.5°	1679.1	1677.9	1676.8	1675.6	1674.5	1673.9	1673.8	1673.5	1673.2	1672.9	1672.6
165°	1696.0	1694.6	1693.1	1691.7	1690.2	1689.5	1689.5	1689.5	1689.5	1689.5	1689.5
167.5°	1710.3	1708.9	1707.4	1706.0	1704.5	1703.8	1703.7	1703.4	1703.1	1702.8	1702.5
170°	1721.9	1720.2	1718.4	1716.7	1715.0	1714.1	1714.2	1714.5	1714.8	1715.1	1715.4
172.5°	1729.7	1728.0	1726.2	1724.5	1722.8	1721.9	1722.0	1722.3	1722.6	1722.9	1723.2
175°	1734.9	1733.2	1731.4	1729.7	1728.0	1727.1	1727.2	1727.5	1727.8	1728.1	1728.4
177.5°	1738.8	1736.8	1734.8	1732.7	1730.7	1729.7	1730.0	1730.6	1731.1	1731.7	1732.3
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	2018.0	2046.8	2059.6	2062.8	2080.4	2069.2	2074.0	2072.4	2085.2	2086.8	2086.8
5°	2165.2	2198.8	2210.0	2226.0	2250.0	2256.4	2251.6	2261.2	2278.8	2266.0	2285.2
7.5°	2320.4	2357.2	2382.8	2418.1	2426.1	2446.9	2459.7	2470.9	2474.1	2475.7	2478.9
10°	2464.5	2510.9	2546.1	2605.3	2618.1	2629.3	2685.3	2662.9	2691.7	2682.1	2685.3
12.5°	2581.3	2672.5	2701.3	2800.5	2810.1	2848.5	2845.3	2880.5	2886.9	2899.7	2886.9
15°	2734.9	2840.5	2886.9	2942.9	2975.0	3019.8	3027.8	3075.8	3095.0	3112.6	3095.0
17.5°	2875.7	2931.7	3050.2	3095.0	3115.8	3139.8	3200.6	3218.2	3247.0	3235.8	3267.8
20°	2946.1	3026.2	3151.0	3227.8	3259.8	3282.2	3333.4	3360.6	3371.8	3371.8	3375.0
22.5°	3008.6	3123.8	3216.6	3304.6	3333.4	3349.4	3379.8	3400.6	3405.4	3408.6	3411.8
25°	3064.6	3168.6	3243.8	3293.4	3304.6	3304.6	3322.2	3309.4	3288.6	3304.6	3314.2
27.5°	3064.6	3138.2	3171.8	3189.4	3189.4	3146.2	3120.6	3067.8	3023.0	3010.2	3039.0
30°	3013.4	3047.0	3000.6	2957.4	2923.7	2894.9	2794.1	2714.1	2698.1	2686.9	2730.1
32.5°	2894.9	2851.7	2760.5	2635.7	2586.1	2520.5	2442.1	2381.2	2344.4	2331.6	2322.0
35°	2685.3	2573.3	2454.9	2286.8	2251.6	2168.4	2061.2	2016.4	1955.6	1954.0	1974.8
37.5°	2456.5	2283.6	2155.6	1995.6	1946.0	1857.9	1757.1	1710.7	1669.1	1637.1	1675.5
40°	2189.2	2038.8	1843.5	1712.3	1641.9	1595.5	1510.7	1459.5	1440.3	1424.3	1448.3
42.5°	1939.6	1774.7	1622.7	1488.3	1430.7	1377.9	1321.8	1272.2	1257.8	1256.2	1273.8
45°	1691.5	1529.9	1389.1	1273.8	1237.0	1205.0	1150.6	1136.2	1112.2	1096.2	1104.2
47.5°	1493.1	1326.6	1209.8	1121.8	1089.8	1062.6	1027.4	1003.4	982.6	976.2	985.8
50°	1297.8	1185.8	1065.8	992.2	968.2	942.6	915.4	893.0	883.4	877.0	883.4
52.5°	1141.0	1021.0	939.4	880.2	856.2	837.0	817.8	808.2	795.3	798.5	804.9
55°	1000.2	894.6	825.8	782.5	768.1	760.1	736.1	724.9	720.1	716.9	720.1
57.5°	867.4	790.5	739.3	702.5	683.3	678.5	659.3	659.3	654.5	649.7	651.3
60°	761.7	696.1	646.5	617.7	614.5	606.5	593.7	592.1	580.9	585.7	587.3
62.5°	654.5	601.7	568.1	550.5	539.3	536.1	528.1	526.5	521.7	523.3	520.1
65°	569.7	526.5	492.9	478.5	473.7	472.1	465.7	460.9	457.7	460.9	457.7
67.5°	484.9	456.1	430.5	416.1	409.7	408.1	403.3	400.1	401.7	396.9	400.1
70°	404.9	376.1	360.1	352.1	348.9	344.1	344.1	344.1	344.1	340.9	339.3
72.5°	340.9	312.1	300.9	296.1	292.9	291.3	286.5	288.1	286.5	284.9	291.3
75°	270.5	252.8	241.6	236.8	240.0	235.2	230.4	233.6	228.8	230.4	236.8
77.5°	204.8	196.8	190.4	187.2	184.0	180.8	180.8	177.6	177.6	177.6	177.6
80°	148.8	147.2	136.0	134.4	134.4	131.2	131.2	131.2	131.2	129.6	131.2
82.5°	99.2	97.6	94.4	92.8	89.6	91.2	91.2	88.0	88.0	86.4	88.0
85°	57.6	57.6	54.4	52.8	51.2	52.8	49.6	48.0	49.6	48.0	49.6
87.5°	27.2	24.0	25.6	24.0	20.8	22.4	19.2	20.8	19.2	17.6	20.8
90°	30.2	32.0	33.7	35.4	36.3	36.6	37.2	37.7	38.3	38.9	38.3
92.5°	28.9	30.7	32.4	34.1	35.0	35.0	35.0	35.0	35.0	35.0	35.0
95°	30.2	32.0	33.7	35.4	36.3	36.4	36.7	37.0	37.3	37.6	37.3
97.5°	29.9	31.4	32.8	34.3	35.0	35.1	35.4	35.7	36.0	36.3	36.0
100°	52.2	47.3	42.4	37.5	35.0	35.1	35.4	35.7	36.0	36.3	36.0
102.5°	264.7	199.8	134.9	70.0	37.6	37.6	37.6	37.6	37.6	37.6	37.6
105°	407.5	410.1	412.6	415.2	416.5	411.3	400.9	390.6	380.2	369.8	380.2
107.5°	489.3	490.8	492.2	493.7	494.4	495.0	496.1	497.3	498.4	499.6	498.4
110°	572.8	573.4	573.9	574.5	574.8	575.2	576.1	577.0	577.8	578.7	577.8

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	653.7	653.4	653.1	652.8	652.7	653.3	654.4	655.6	656.7	657.9	656.7
115°	732.5	733.0	733.6	734.1	734.4	734.4	734.4	734.4	734.4	734.4	734.4
117.5°	814.6	814.3	814.0	813.7	813.6	813.6	813.6	813.6	813.6	813.6	813.6
120°	888.2	888.8	889.3	889.9	890.2	889.9	889.3	888.8	888.2	887.6	888.2
122.5°	961.8	962.1	962.4	962.7	962.8	962.5	961.9	961.4	960.8	960.2	960.8
125°	1028.6	1029.4	1030.3	1031.2	1031.6	1031.7	1032.0	1032.3	1032.6	1032.9	1032.6
127.5°	1098.8	1098.5	1098.2	1097.9	1097.8	1097.7	1097.4	1097.1	1096.8	1096.5	1096.8
130°	1160.4	1160.7	1161.0	1161.3	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4
132.5°	1221.4	1221.7	1222.0	1222.3	1222.4	1222.3	1222.0	1221.7	1221.4	1221.1	1221.4
135°	1276.2	1276.7	1277.3	1277.8	1278.1	1278.4	1279.0	1279.5	1280.1	1280.7	1280.1
137.5°	1330.7	1331.2	1331.8	1332.3	1332.6	1332.5	1332.2	1331.9	1331.7	1331.4	1331.7
140°	1380.3	1381.1	1382.0	1382.9	1383.3	1383.4	1383.7	1384.0	1384.3	1384.6	1384.3
142.5°	1426.7	1427.3	1427.8	1428.4	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7
145°	1470.5	1470.8	1471.1	1471.4	1471.5	1471.8	1472.4	1472.9	1473.5	1474.1	1473.5
147.5°	1509.4	1509.7	1510.0	1510.3	1510.4	1510.5	1510.8	1511.1	1511.4	1511.7	1511.4
150°	1546.8	1546.8	1546.8	1546.8	1546.8	1546.9	1547.2	1547.5	1547.8	1548.1	1547.8
152.5°	1578.5	1579.1	1579.6	1580.2	1580.5	1580.4	1580.1	1579.8	1579.5	1579.2	1579.5
155°	1606.3	1607.4	1608.6	1609.7	1610.3	1609.9	1609.0	1608.1	1607.3	1606.4	1607.3
157.5°	1631.2	1632.7	1634.1	1635.6	1636.3	1635.6	1634.1	1632.7	1631.2	1629.8	1631.2
160°	1654.9	1656.6	1658.3	1660.0	1660.9	1660.0	1658.3	1656.6	1654.9	1653.2	1654.9
162.5°	1674.3	1676.1	1677.8	1679.5	1680.4	1679.4	1677.4	1675.3	1673.3	1671.3	1673.3
165°	1691.8	1694.1	1696.4	1698.7	1699.9	1698.6	1696.0	1693.4	1690.8	1688.2	1690.8
167.5°	1705.1	1707.7	1710.2	1712.8	1714.1	1712.7	1709.8	1706.9	1704.1	1701.2	1704.1
170°	1717.7	1720.0	1722.3	1724.6	1725.8	1724.4	1721.5	1718.6	1715.7	1712.8	1715.7
172.5°	1725.5	1727.8	1730.1	1732.4	1733.6	1732.0	1728.8	1725.7	1722.5	1719.3	1722.5
175°	1731.0	1733.6	1736.2	1738.8	1740.1	1738.4	1734.9	1731.4	1728.0	1724.5	1728.0
177.5°	1734.6	1736.9	1739.2	1741.5	1742.7	1741.0	1737.5	1734.0	1730.6	1727.1	1730.6
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	2083.6	2078.8	2072.4	2072.4	2064.4	2064.4	2051.6	2029.2	2010.0	2003.6	2006.8
5°	2261.2	2262.8	2253.2	2245.2	2230.8	2219.6	2198.8	2158.8	2146.0	2120.4	2102.8
7.5°	2464.5	2458.1	2440.5	2427.7	2424.5	2398.8	2354.0	2306.0	2267.6	2242.0	2205.2
10°	2693.3	2667.7	2642.1	2634.1	2614.9	2571.7	2520.5	2467.7	2414.8	2358.8	2296.4
12.5°	2885.3	2835.7	2834.1	2814.9	2778.1	2754.1	2693.3	2618.1	2526.9	2464.5	2394.0
15°	3091.8	3045.4	3007.0	2971.8	2954.2	2883.7	2832.5	2738.1	2629.3	2562.1	2514.1
17.5°	3239.0	3218.2	3152.6	3136.6	3112.6	3031.0	2949.3	2856.5	2762.1	2667.7	2538.1
20°	3357.4	3344.6	3301.4	3279.0	3240.6	3176.6	3077.4	2970.2	2861.3	2726.9	2605.3
22.5°	3408.6	3392.6	3357.4	3338.2	3314.2	3259.8	3175.0	3053.4	2910.9	2790.9	2661.3
25°	3307.8	3336.6	3327.0	3319.0	3309.4	3277.4	3213.4	3106.2	2967.0	2830.9	2669.3
27.5°	3080.6	3130.2	3178.2	3184.6	3200.6	3213.4	3187.8	3111.0	2994.2	2850.1	2672.5
30°	2774.9	2797.3	2894.9	2923.7	2946.1	3027.8	3075.8	3056.6	2967.0	2837.3	2674.1
32.5°	2382.8	2442.1	2541.3	2610.1	2670.9	2762.1	2886.9	2936.5	2904.5	2798.9	2637.3
35°	2011.6	2082.0	2197.2	2285.2	2346.0	2475.7	2622.9	2730.1	2770.1	2717.3	2573.3
37.5°	1707.5	1792.3	1894.8	1928.4	1998.8	2158.8	2362.0	2510.9	2608.5	2613.3	2501.3
40°	1478.7	1521.9	1603.5	1654.7	1723.5	1857.9	2056.4	2253.2	2400.4	2450.1	2390.8
42.5°	1285.0	1318.6	1379.5	1441.9	1504.3	1606.7	1789.1	1973.2	2171.6	2270.8	2269.2
45°	1131.4	1166.6	1208.2	1259.4	1302.6	1413.1	1557.1	1745.9	1917.2	2070.8	2109.2
47.5°	997.0	1027.4	1078.6	1101.0	1129.8	1233.8	1358.7	1534.7	1712.3	1888.4	1933.2
50°	897.8	923.4	958.6	973.0	1005.0	1081.8	1184.2	1326.6	1523.5	1685.1	1768.3
52.5°	808.2	827.4	854.6	865.8	888.2	945.8	1038.6	1150.6	1313.8	1480.3	1597.1
55°	731.3	744.1	763.3	776.1	792.1	843.4	912.2	1013.0	1153.8	1297.8	1411.5
57.5°	659.3	668.9	688.1	694.5	707.3	747.3	795.3	880.2	1009.8	1137.8	1248.2
60°	592.1	598.5	609.7	624.1	633.7	660.9	705.7	776.1	880.2	997.0	1086.6
62.5°	528.1	537.7	540.9	547.3	555.3	580.9	616.1	667.3	758.5	854.6	949.0
65°	462.5	470.5	476.9	478.5	486.5	505.7	537.7	582.5	641.7	724.9	813.0
67.5°	401.7	406.5	409.7	416.1	424.1	433.7	459.3	492.9	547.3	614.5	684.9
70°	345.7	345.7	350.5	352.1	361.7	372.9	384.1	416.1	464.1	518.5	566.5
72.5°	284.9	292.9	291.3	299.3	297.7	305.7	320.1	340.9	376.1	419.3	465.7
75°	232.0	236.8	236.8	236.8	240.0	246.4	254.4	273.7	300.9	336.1	363.3
77.5°	180.8	184.0	184.0	184.0	185.6	192.0	200.0	212.8	232.0	252.8	268.9
80°	129.6	132.8	132.8	136.0	136.0	137.6	145.6	152.0	161.6	177.6	193.6
82.5°	88.0	89.6	92.8	92.8	91.2	94.4	96.0	102.4	112.0	115.2	126.4
85°	48.0	49.6	51.2	51.2	52.8	56.0	54.4	60.8	60.8	67.2	70.4
87.5°	19.2	22.4	22.4	20.8	22.4	22.4	22.4	25.6	27.2	28.8	27.2
90°	37.7	37.2	36.6	36.3	35.4	33.7	32.0	30.2	28.5	26.2	23.9
92.5°	35.0	35.0	35.0	35.0	34.1	32.4	30.7	28.9	27.2	24.9	22.6
95°	37.0	36.7	36.4	36.3	35.4	33.7	32.0	30.2	28.5	28.2	27.9
97.5°	35.7	35.4	35.1	35.0	34.3	32.8	31.4	29.9	28.5	58.8	89.1
100°	35.7	35.4	35.1	35.0	37.5	42.4	47.3	52.2	57.1	96.9	136.7
102.5°	37.6	37.6	37.6	37.6	70.0	134.9	199.8	264.7	329.6	326.1	322.7
105°	390.6	400.9	411.3	416.5	415.2	412.6	410.1	407.5	404.9	403.5	402.0
107.5°	497.3	496.1	495.0	494.4	493.7	492.2	490.8	489.3	487.9	485.9	483.9
110°	577.0	576.1	575.2	574.8	574.5	573.9	573.4	572.8	572.2	570.5	568.8

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	655.6	654.4	653.3	652.7	652.8	653.1	653.4	653.7	654.0	653.4	652.8
115°	734.4	734.4	734.4	734.4	734.1	733.6	733.0	732.5	731.9	732.2	732.5
117.5°	813.6	813.6	813.6	813.6	813.7	814.0	814.3	814.6	814.9	814.0	813.2
120°	888.8	889.3	889.9	890.2	889.9	889.3	888.8	888.2	887.6	887.9	888.2
122.5°	961.4	961.9	962.5	962.8	962.7	962.4	962.1	961.8	961.5	960.9	960.3
125°	1032.3	1032.0	1031.7	1031.6	1031.2	1030.3	1029.4	1028.6	1027.7	1028.3	1028.9
127.5°	1097.1	1097.4	1097.7	1097.8	1097.9	1098.2	1098.5	1098.8	1099.1	1097.7	1096.2
130°	1161.4	1161.4	1161.4	1161.4	1161.3	1161.0	1160.7	1160.4	1160.1	1159.2	1158.4
132.5°	1221.7	1222.0	1222.3	1222.4	1222.3	1222.0	1221.7	1221.4	1221.1	1219.9	1218.8
135°	1279.5	1279.0	1278.4	1278.1	1277.8	1277.3	1276.7	1276.2	1275.6	1274.4	1273.3
137.5°	1331.9	1332.2	1332.5	1332.6	1332.3	1331.8	1331.2	1330.7	1330.1	1328.7	1327.2
140°	1384.0	1383.7	1383.4	1383.3	1382.9	1382.0	1381.1	1380.3	1379.4	1378.8	1378.2
142.5°	1428.7	1428.7	1428.7	1428.7	1428.4	1427.8	1427.3	1426.7	1426.1	1425.8	1425.5
145°	1472.9	1472.4	1471.8	1471.5	1471.4	1471.1	1470.8	1470.5	1470.2	1470.2	1470.2
147.5°	1511.1	1510.8	1510.5	1510.4	1510.3	1510.0	1509.7	1509.4	1509.1	1509.4	1509.7
150°	1547.5	1547.2	1546.9	1546.8	1546.8	1546.8	1546.8	1546.8	1546.8	1547.1	1547.4
152.5°	1579.8	1580.1	1580.4	1580.5	1580.2	1579.6	1579.1	1578.5	1577.9	1578.5	1579.1
155°	1608.1	1609.0	1609.9	1610.3	1609.7	1608.6	1607.4	1606.3	1605.1	1606.0	1606.8
157.5°	1632.7	1634.1	1635.6	1636.3	1635.6	1634.1	1632.7	1631.2	1629.8	1631.0	1632.1
160°	1656.6	1658.3	1660.0	1660.9	1660.0	1658.3	1656.6	1654.9	1653.2	1653.5	1653.8
162.5°	1675.3	1677.4	1679.4	1680.4	1679.5	1677.8	1676.1	1674.3	1672.6	1672.9	1673.2
165°	1693.4	1696.0	1698.6	1699.9	1698.7	1696.4	1694.1	1691.8	1689.5	1689.5	1689.5
167.5°	1706.9	1709.8	1712.7	1714.1	1712.8	1710.2	1707.7	1705.1	1702.5	1702.8	1703.1
170°	1718.6	1721.5	1724.4	1725.8	1724.6	1722.3	1720.0	1717.7	1715.4	1715.1	1714.8
172.5°	1725.7	1728.8	1732.0	1733.6	1732.4	1730.1	1727.8	1725.5	1723.2	1722.9	1722.6
175°	1731.4	1734.9	1738.4	1740.1	1738.8	1736.2	1733.6	1731.0	1728.4	1728.1	1727.8
177.5°	1734.0	1737.5	1741.0	1742.7	1741.5	1739.2	1736.9	1734.6	1732.3	1731.7	1731.1
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1992.4	1986.0	1981.2	1981.2	1966.8	1952.4	1944.4	1941.2	1938.0	1925.2	1907.6
5°	2074.0	2053.2	2038.8	2024.4	2000.4	1974.8	1949.2	1934.8	1914.0	1885.2	1864.3
7.5°	2165.2	2115.6	2099.6	2082.0	2034.0	1990.8	1955.6	1925.2	1891.6	1854.7	1817.9
10°	2242.0	2189.2	2154.0	2123.6	2061.2	2003.6	1950.8	1906.0	1862.7	1814.7	1769.9
12.5°	2315.6	2240.4	2203.6	2158.8	2093.2	2010.0	1941.2	1885.2	1821.1	1771.5	1717.1
15°	2418.1	2291.6	2230.8	2202.0	2114.0	2016.4	1933.2	1849.9	1797.1	1721.9	1673.9
17.5°	2434.1	2331.6	2291.6	2218.0	2112.4	2002.0	1906.0	1822.7	1742.7	1675.5	1613.1
20°	2490.1	2355.6	2291.6	2245.2	2106.0	1994.0	1888.4	1781.1	1704.3	1632.3	1561.9
22.5°	2525.3	2373.2	2306.0	2232.4	2099.6	1965.2	1840.3	1747.5	1653.1	1579.5	1523.5
25°	2515.7	2363.6	2288.4	2219.6	2058.0	1923.6	1811.5	1693.1	1605.1	1525.1	1451.5
27.5°	2510.9	2339.6	2259.6	2182.8	2030.8	1890.0	1749.1	1653.1	1555.5	1462.7	1408.3
30°	2498.1	2309.2	2216.4	2133.2	1974.8	1827.5	1707.5	1595.5	1497.9	1413.1	1341.0
32.5°	2454.9	2258.0	2168.4	2078.8	1914.0	1766.7	1645.1	1541.1	1443.5	1355.5	1286.6
35°	2397.2	2197.2	2099.6	2005.2	1840.3	1691.5	1579.5	1470.7	1379.5	1294.6	1229.0
37.5°	2339.6	2126.8	2035.6	1926.8	1774.7	1619.5	1504.3	1406.7	1321.8	1233.8	1161.8
40°	2256.4	2043.6	1942.8	1849.9	1672.3	1526.7	1421.1	1333.0	1249.8	1166.6	1105.8
42.5°	2142.8	1952.4	1848.3	1745.9	1579.5	1435.5	1333.0	1254.6	1176.2	1107.4	1040.2
45°	2027.6	1841.9	1749.1	1657.9	1477.1	1341.0	1246.6	1174.6	1109.0	1033.8	979.4
47.5°	1888.4	1731.5	1638.7	1549.1	1377.9	1241.8	1155.4	1088.2	1027.4	965.0	913.8
50°	1745.9	1609.9	1525.1	1432.3	1269.0	1145.8	1061.0	1005.0	955.4	896.2	854.6
52.5°	1592.3	1473.9	1401.9	1312.2	1168.2	1054.6	968.2	912.2	870.6	827.4	790.5
55°	1429.1	1342.7	1265.8	1193.8	1057.8	955.4	878.6	829.0	800.1	760.1	728.1
57.5°	1281.8	1198.6	1152.2	1070.6	952.2	851.4	790.5	748.9	715.3	691.3	665.7
60°	1128.2	1061.0	1009.8	950.6	846.6	761.7	697.7	673.7	638.5	620.9	609.7
62.5°	981.0	933.0	885.0	840.2	747.3	667.3	619.3	588.9	568.1	550.5	540.9
65°	841.8	796.9	763.3	723.3	646.5	582.5	537.7	513.7	492.9	488.1	476.9
67.5°	705.7	686.5	649.7	617.7	552.1	502.5	468.9	438.5	427.3	422.5	412.9
70°	590.5	568.1	539.3	512.1	462.5	419.3	388.9	377.7	361.7	360.1	348.9
72.5°	486.5	459.3	438.5	417.7	380.9	342.5	326.5	310.5	302.5	296.1	291.3
75°	385.7	366.5	352.1	334.5	302.5	276.9	254.4	248.0	243.2	241.6	238.4
77.5°	288.1	275.3	268.9	251.2	228.8	206.4	196.8	187.2	187.2	184.0	185.6
80°	204.8	196.8	188.8	179.2	160.0	150.4	142.4	136.0	132.8	131.2	132.8
82.5°	129.6	124.8	123.2	116.8	104.0	99.2	92.8	88.0	88.0	88.0	88.0
85°	72.0	72.0	72.0	62.4	57.6	52.8	49.6	48.0	48.0	48.0	49.6
87.5°	30.4	30.4	25.6	25.6	24.0	20.8	19.2	19.2	20.8	20.8	22.4
90°	21.6	19.3	18.2	16.6	13.4	10.3	7.1	3.9	7.1	10.3	13.4
92.5°	20.3	18.0	16.9	17.2	17.8	18.3	18.9	19.5	18.9	18.3	17.8
95°	27.6	27.3	27.2	32.1	41.9	51.8	61.6	71.4	61.6	51.8	41.9
97.5°	119.4	149.7	164.8	161.6	155.3	148.9	142.6	136.2	142.6	148.9	155.3
100°	176.5	216.3	236.2	233.6	228.4	223.2	218.0	212.8	218.0	223.2	228.4
102.5°	319.2	315.7	314.0	312.3	308.8	305.4	301.9	298.5	301.9	305.4	308.8
105°	400.6	399.1	398.4	397.5	395.8	394.1	392.3	390.6	392.3	394.1	395.8
107.5°	481.8	479.8	478.8	478.4	477.5	476.6	475.8	474.9	475.8	476.6	477.5
110°	567.1	565.4	564.5	564.1	563.2	562.3	561.5	560.6	561.5	562.3	563.2

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	652.3	651.7	651.4	650.5	648.8	647.1	645.3	643.6	645.3	647.1	648.8
115°	732.8	733.1	733.2	732.8	731.9	731.0	730.2	729.3	730.2	731.0	731.9
117.5°	812.3	811.4	811.0	810.4	809.3	808.1	807.0	805.8	807.0	808.1	809.3
120°	888.5	888.8	888.9	888.3	887.2	886.0	884.9	883.7	884.9	886.0	887.2
122.5°	959.8	959.2	958.9	958.6	958.0	957.5	956.9	956.3	956.9	957.5	958.0
125°	1029.4	1030.0	1030.3	1029.7	1028.6	1027.4	1026.3	1025.1	1026.3	1027.4	1028.6
127.5°	1094.8	1093.3	1092.6	1092.5	1092.2	1091.9	1091.6	1091.3	1091.6	1091.9	1092.2
130°	1157.5	1156.6	1156.2	1156.1	1155.8	1155.5	1155.2	1154.9	1155.2	1155.5	1155.8
132.5°	1217.6	1216.5	1215.9	1215.6	1215.0	1214.5	1213.9	1213.3	1213.9	1214.5	1215.0
135°	1272.1	1271.0	1270.4	1270.5	1270.8	1271.1	1271.4	1271.7	1271.4	1271.1	1270.8
137.5°	1325.8	1324.3	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6
140°	1377.7	1377.1	1376.8	1376.5	1375.9	1375.4	1374.8	1374.2	1374.8	1375.4	1375.9
142.5°	1425.2	1424.9	1424.8	1424.2	1423.1	1421.9	1420.8	1419.6	1420.8	1421.9	1423.1
145°	1470.2	1470.2	1470.2	1469.8	1468.9	1468.0	1467.2	1466.3	1467.2	1468.0	1468.9
147.5°	1510.0	1510.3	1510.4	1509.5	1507.8	1506.1	1504.3	1502.6	1504.3	1506.1	1507.8
150°	1547.7	1548.0	1548.1	1547.5	1546.4	1545.2	1544.1	1542.9	1544.1	1545.2	1546.4
152.5°	1579.6	1580.2	1580.5	1580.1	1579.2	1578.3	1577.5	1576.6	1577.5	1578.3	1579.2
155°	1607.7	1608.6	1609.0	1608.9	1608.6	1608.3	1608.0	1607.7	1608.0	1608.3	1608.6
157.5°	1633.3	1634.4	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
160°	1654.1	1654.4	1654.5	1654.9	1655.8	1656.6	1657.5	1658.3	1657.5	1656.6	1655.8
162.5°	1673.5	1673.8	1673.9	1674.5	1675.6	1676.8	1677.9	1679.1	1677.9	1676.8	1675.6
165°	1689.5	1689.5	1689.5	1690.2	1691.7	1693.1	1694.6	1696.0	1694.6	1693.1	1691.7
167.5°	1703.4	1703.7	1703.8	1704.5	1706.0	1707.4	1708.9	1710.3	1708.9	1707.4	1706.0
170°	1714.5	1714.2	1714.1	1715.0	1716.7	1718.4	1720.2	1721.9	1720.2	1718.4	1716.7
172.5°	1722.3	1722.0	1721.9	1722.8	1724.5	1726.2	1728.0	1729.7	1728.0	1726.2	1724.5
175°	1727.5	1727.2	1727.1	1728.0	1729.7	1731.4	1733.2	1734.9	1733.2	1731.4	1729.7
177.5°	1730.6	1730.0	1729.7	1730.7	1732.7	1734.8	1736.8	1738.8	1736.8	1734.8	1732.7
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1902.8	1896.4	1899.6	1883.6	1869.1	1848.3	1830.7	1827.5	1824.3	1833.9	1827.5
5°	1848.3	1840.3	1832.3	1813.1	1784.3	1766.7	1741.1	1739.5	1729.9	1715.5	1718.7
7.5°	1789.1	1784.3	1773.1	1742.7	1717.1	1686.7	1665.9	1648.3	1640.3	1627.5	1622.7
10°	1741.1	1723.5	1713.9	1680.3	1649.9	1617.9	1590.7	1577.9	1563.5	1552.3	1544.3
12.5°	1675.5	1670.7	1643.5	1616.3	1590.7	1553.9	1533.1	1496.3	1477.1	1486.7	1483.5
15°	1632.3	1609.9	1603.5	1565.1	1521.9	1497.9	1459.5	1435.5	1427.5	1413.1	1395.5
17.5°	1574.7	1560.3	1537.9	1502.7	1453.1	1419.5	1392.3	1369.9	1360.3	1341.0	1326.6
20°	1520.3	1496.3	1478.7	1446.7	1398.7	1355.5	1321.8	1307.4	1283.4	1267.4	1259.4
22.5°	1470.7	1453.1	1427.5	1379.5	1337.8	1296.2	1256.2	1235.4	1213.0	1203.4	1190.6
25°	1409.9	1381.1	1363.5	1310.6	1265.8	1232.2	1195.4	1168.2	1155.4	1139.4	1136.2
27.5°	1350.7	1323.4	1302.6	1256.2	1201.8	1158.6	1136.2	1117.0	1094.6	1094.6	1086.6
30°	1291.4	1272.2	1240.2	1195.4	1144.2	1102.6	1077.0	1059.4	1051.4	1045.0	1043.4
32.5°	1232.2	1206.6	1187.4	1126.6	1088.2	1049.8	1030.6	1016.2	1006.6	1005.0	1006.6
35°	1171.4	1142.6	1123.4	1069.0	1030.6	995.4	987.4	974.6	969.8	968.2	976.2
37.5°	1107.4	1085.0	1061.0	1016.2	973.0	952.2	936.2	931.4	929.8	939.4	942.6
40°	1048.2	1029.0	1006.6	958.6	926.6	904.2	896.2	891.4	897.8	907.4	912.2
42.5°	992.2	965.0	947.4	904.2	875.4	862.6	853.0	853.0	859.4	870.6	878.6
45°	933.0	912.2	894.6	856.2	830.6	816.2	814.6	816.2	824.2	832.2	841.8
47.5°	875.4	854.6	835.4	803.3	780.9	772.9	771.3	772.9	785.7	796.9	808.2
50°	822.6	800.1	782.5	752.1	734.5	724.9	726.5	734.5	744.1	760.1	774.5
52.5°	760.1	744.1	728.1	700.9	684.9	678.5	683.3	689.7	707.3	718.5	736.1
55°	699.3	684.9	672.1	651.3	638.5	633.7	636.9	646.5	660.9	680.1	700.9
57.5°	643.3	627.3	614.5	600.1	585.7	587.3	588.9	601.7	619.3	636.9	660.9
60°	580.9	571.3	560.1	542.5	536.1	536.1	540.9	555.3	571.3	600.1	620.9
62.5°	524.9	512.1	504.1	492.9	483.3	484.9	496.1	508.9	528.1	552.1	579.3
65°	467.3	452.9	446.5	436.9	433.7	435.3	443.3	462.5	483.3	504.1	529.7
67.5°	403.3	398.5	392.1	382.5	385.7	387.3	395.3	411.3	433.7	454.5	483.3
70°	348.9	339.3	337.7	329.7	329.7	334.5	350.5	361.7	382.5	404.9	435.3
72.5°	291.3	283.3	283.3	276.9	281.7	286.5	294.5	310.5	329.7	352.1	377.7
75°	232.0	228.8	232.0	228.8	228.8	236.8	246.4	259.2	280.1	304.1	324.9
77.5°	179.2	179.2	177.6	182.4	182.4	187.2	200.0	212.8	228.8	248.0	270.5
80°	131.2	131.2	131.2	136.0	140.8	140.8	148.8	164.8	179.2	192.0	212.8
82.5°	89.6	89.6	89.6	92.8	99.2	99.2	108.8	118.4	134.4	145.6	155.2
85°	54.4	54.4	52.8	56.0	57.6	62.4	70.4	76.8	84.8	94.4	104.0
87.5°	24.0	24.0	25.6	27.2	28.8	32.0	35.2	38.4	46.4	49.6	54.4
90°	16.6	18.2	19.3	21.6	23.9	26.2	28.5	30.2	32.0	33.7	35.4
92.5°	17.2	16.9	18.0	20.3	22.6	24.9	27.2	28.9	30.7	32.4	34.1
95°	32.1	27.2	27.3	27.6	27.9	28.2	28.5	30.2	32.0	33.7	35.4
97.5°	161.6	164.8	149.7	119.4	89.1	58.8	28.5	29.9	31.4	32.8	34.3
100°	233.6	236.2	216.3	176.5	136.7	96.9	57.1	52.2	47.3	42.4	37.5
102.5°	312.3	314.0	315.7	319.2	322.7	326.1	329.6	264.7	199.8	134.9	70.0
105°	397.5	398.4	399.1	400.6	402.0	403.5	404.9	407.5	410.1	412.6	415.2
107.5°	478.4	478.8	479.8	481.8	483.9	485.9	487.9	489.3	490.8	492.2	493.7
110°	564.1	564.5	565.4	567.1	568.8	570.5	572.2	572.8	573.4	573.9	574.5

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	650.5	651.4	651.7	652.3	652.8	653.4	654.0	653.7	653.4	653.1	652.8
115°	732.8	733.2	733.1	732.8	732.5	732.2	731.9	732.5	733.0	733.6	734.1
117.5°	810.4	811.0	811.4	812.3	813.2	814.0	814.9	814.6	814.3	814.0	813.7
120°	888.3	888.9	888.8	888.5	888.2	887.9	887.6	888.2	888.8	889.3	889.9
122.5°	958.6	958.9	959.2	959.8	960.3	960.9	961.5	961.8	962.1	962.4	962.7
125°	1029.7	1030.3	1030.0	1029.4	1028.9	1028.3	1027.7	1028.6	1029.4	1030.3	1031.2
127.5°	1092.5	1092.6	1093.3	1094.8	1096.2	1097.7	1099.1	1098.8	1098.5	1098.2	1097.9
130°	1156.1	1156.2	1156.6	1157.5	1158.4	1159.2	1160.1	1160.4	1160.7	1161.0	1161.3
132.5°	1215.6	1215.9	1216.5	1217.6	1218.8	1219.9	1221.1	1221.4	1221.7	1222.0	1222.3
135°	1270.5	1270.4	1271.0	1272.1	1273.3	1274.4	1275.6	1276.2	1276.7	1277.3	1277.8
137.5°	1323.6	1323.6	1324.3	1325.8	1327.2	1328.7	1330.1	1330.7	1331.2	1331.8	1332.3
140°	1376.5	1376.8	1377.1	1377.7	1378.2	1378.8	1379.4	1380.3	1381.1	1382.0	1382.9
142.5°	1424.2	1424.8	1424.9	1425.2	1425.5	1425.8	1426.1	1426.7	1427.3	1427.8	1428.4
145°	1469.8	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1470.5	1470.8	1471.1	1471.4
147.5°	1509.5	1510.4	1510.3	1510.0	1509.7	1509.4	1509.1	1509.4	1509.7	1510.0	1510.3
150°	1547.5	1548.1	1548.0	1547.7	1547.4	1547.1	1546.8	1546.8	1546.8	1546.8	1546.8
152.5°	1580.1	1580.5	1580.2	1579.6	1579.1	1578.5	1577.9	1578.5	1579.1	1579.6	1580.2
155°	1608.9	1609.0	1608.6	1607.7	1606.8	1606.0	1605.1	1606.3	1607.4	1608.6	1609.7
157.5°	1635.0	1635.0	1634.4	1633.3	1632.1	1631.0	1629.8	1631.2	1632.7	1634.1	1635.6
160°	1654.9	1654.5	1654.4	1654.1	1653.8	1653.5	1653.2	1654.9	1656.6	1658.3	1660.0
162.5°	1674.5	1673.9	1673.8	1673.5	1673.2	1672.9	1672.6	1674.3	1676.1	1677.8	1679.5
165°	1690.2	1689.5	1689.5	1689.5	1689.5	1689.5	1689.5	1691.8	1694.1	1696.4	1698.7
167.5°	1704.5	1703.8	1703.7	1703.4	1703.1	1702.8	1702.5	1705.1	1707.7	1710.2	1712.8
170°	1715.0	1714.1	1714.2	1714.5	1714.8	1715.1	1715.4	1717.7	1720.0	1722.3	1724.6
172.5°	1722.8	1721.9	1722.0	1722.3	1722.6	1722.9	1723.2	1725.5	1727.8	1730.1	1732.4
175°	1728.0	1727.1	1727.2	1727.5	1727.8	1728.1	1728.4	1731.0	1733.6	1736.2	1738.8
177.5°	1730.7	1729.7	1730.0	1730.6	1731.1	1731.7	1732.3	1734.6	1736.9	1739.2	1741.5
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1822.7	1821.1	1813.1	1816.3	1806.7	1809.9	1814.7	1816.3	1822.7	1817.9	1816.3
5°	1710.7	1707.5	1702.7	1697.9	1696.3	1702.7	1691.5	1694.7	1697.9	1702.7	1709.1
7.5°	1619.5	1617.9	1613.1	1605.1	1601.9	1598.7	1600.3	1611.5	1609.9	1608.3	1619.5
10°	1536.3	1537.9	1528.3	1526.7	1517.1	1515.5	1517.1	1520.3	1525.1	1531.5	1533.1
12.5°	1449.9	1470.7	1453.1	1446.7	1432.3	1440.3	1443.5	1429.1	1437.1	1441.9	1465.9
15°	1395.5	1385.9	1374.7	1374.7	1368.3	1365.1	1357.1	1368.3	1374.7	1384.3	1381.1
17.5°	1320.2	1304.2	1297.8	1291.4	1293.0	1299.4	1281.8	1307.4	1307.4	1312.2	1304.2
20°	1254.6	1241.8	1233.8	1230.6	1225.8	1222.6	1221.0	1227.4	1237.0	1240.2	1248.2
22.5°	1185.8	1185.8	1173.0	1168.2	1165.0	1160.2	1168.2	1163.4	1169.8	1176.2	1189.0
25°	1128.2	1128.2	1123.4	1117.0	1112.2	1109.0	1113.8	1112.2	1117.0	1125.0	1128.2
27.5°	1081.8	1077.0	1075.4	1073.8	1072.2	1073.8	1072.2	1077.0	1081.8	1083.4	1080.2
30°	1041.8	1037.0	1038.6	1038.6	1040.2	1038.6	1037.0	1041.8	1043.4	1040.2	1041.8
32.5°	1005.0	1005.0	1008.2	1009.8	1009.8	1011.4	1013.0	1009.8	1011.4	1006.6	1008.2
35°	974.6	977.8	981.0	982.6	984.2	982.6	985.8	984.2	981.0	977.8	976.2
37.5°	944.2	947.4	953.8	955.4	960.2	961.8	958.6	958.6	957.0	950.6	947.4
40°	912.2	915.4	923.4	928.2	931.4	936.2	933.0	933.0	926.6	920.2	915.4
42.5°	881.8	888.2	896.2	901.0	907.4	907.4	907.4	904.2	896.2	889.8	885.0
45°	851.4	853.0	864.2	872.2	878.6	878.6	878.6	873.8	869.0	856.2	849.8
47.5°	817.8	822.6	835.4	843.4	849.8	851.4	851.4	846.6	837.0	825.8	817.8
50°	780.9	788.9	803.3	814.6	822.6	825.8	821.0	817.8	806.6	793.7	784.1
52.5°	745.7	755.3	772.9	782.5	793.7	795.3	793.7	788.9	776.1	758.5	750.5
55°	710.5	718.5	737.7	753.7	763.3	766.5	763.3	755.3	739.3	721.7	713.7
57.5°	672.1	683.3	704.1	720.1	731.3	732.9	729.7	721.7	708.9	686.5	675.3
60°	632.1	646.5	667.3	683.3	697.7	699.3	696.1	684.9	668.9	646.5	636.9
62.5°	592.1	603.3	627.3	644.9	656.1	664.1	657.7	646.5	630.5	608.1	593.7
65°	545.7	561.7	582.5	598.5	611.3	612.9	609.7	600.1	582.5	558.5	547.3
67.5°	500.9	512.1	532.9	553.7	558.5	563.3	558.5	548.9	534.5	513.7	497.7
70°	446.5	456.1	481.7	496.1	502.5	507.3	504.1	494.5	481.7	462.5	449.7
72.5°	392.1	400.1	424.1	435.3	448.1	446.5	444.9	438.5	420.9	408.1	400.1
75°	334.5	344.1	360.1	374.5	379.3	379.3	379.3	374.5	363.3	342.5	334.5
77.5°	281.7	286.5	299.3	307.3	312.1	313.7	312.1	304.1	297.7	283.3	278.5
80°	216.0	228.8	238.4	240.0	246.4	246.4	246.4	243.2	236.8	222.4	220.8
82.5°	163.2	166.4	176.0	180.8	184.0	182.4	182.4	176.0	174.4	166.4	163.2
85°	110.4	115.2	113.6	120.0	121.6	118.4	118.4	121.6	113.6	115.2	110.4
87.5°	60.8	60.8	64.0	62.4	68.8	68.8	65.6	67.2	64.0	62.4	60.8
90°	36.3	36.6	37.2	37.7	38.3	38.9	38.3	37.7	37.2	36.6	36.3
92.5°	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
95°	36.3	36.4	36.7	37.0	37.3	37.6	37.3	37.0	36.7	36.4	36.3
97.5°	35.0	35.1	35.4	35.7	36.0	36.3	36.0	35.7	35.4	35.1	35.0
100°	35.0	35.1	35.4	35.7	36.0	36.3	36.0	35.7	35.4	35.1	35.0
102.5°	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
105°	416.5	411.3	400.9	390.6	380.2	369.8	380.2	390.6	400.9	411.3	416.5
107.5°	494.4	495.0	496.1	497.3	498.4	499.6	498.4	497.3	496.1	495.0	494.4
110°	574.8	575.2	576.1	577.0	577.8	578.7	577.8	577.0	576.1	575.2	574.8

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	652.7	653.3	654.4	655.6	656.7	657.9	656.7	655.6	654.4	653.3	652.7
115°	734.4	734.4	734.4	734.4	734.4	734.4	734.4	734.4	734.4	734.4	734.4
117.5°	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6
120°	890.2	889.9	889.3	888.8	888.2	887.6	888.2	888.8	889.3	889.9	890.2
122.5°	962.8	962.5	961.9	961.4	960.8	960.2	960.8	961.4	961.9	962.5	962.8
125°	1031.6	1031.7	1032.0	1032.3	1032.6	1032.9	1032.6	1032.3	1032.0	1031.7	1031.6
127.5°	1097.8	1097.7	1097.4	1097.1	1096.8	1096.5	1096.8	1097.1	1097.4	1097.7	1097.8
130°	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4
132.5°	1222.4	1222.3	1222.0	1221.7	1221.4	1221.1	1221.4	1221.7	1222.0	1222.3	1222.4
135°	1278.1	1278.4	1279.0	1279.5	1280.1	1280.7	1280.1	1279.5	1279.0	1278.4	1278.1
137.5°	1332.6	1332.5	1332.2	1331.9	1331.7	1331.4	1331.7	1331.9	1332.2	1332.5	1332.6
140°	1383.3	1383.4	1383.7	1384.0	1384.3	1384.6	1384.3	1384.0	1383.7	1383.4	1383.3
142.5°	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7
145°	1471.5	1471.8	1472.4	1472.9	1473.5	1474.1	1473.5	1472.9	1472.4	1471.8	1471.5
147.5°	1510.4	1510.5	1510.8	1511.1	1511.4	1511.7	1511.4	1511.1	1510.8	1510.5	1510.4
150°	1546.8	1546.9	1547.2	1547.5	1547.8	1548.1	1547.8	1547.5	1547.2	1546.9	1546.8
152.5°	1580.5	1580.4	1580.1	1579.8	1579.5	1579.2	1579.5	1579.8	1580.1	1580.4	1580.5
155°	1610.3	1609.9	1609.0	1608.1	1607.3	1606.4	1607.3	1608.1	1609.0	1609.9	1610.3
157.5°	1636.3	1635.6	1634.1	1632.7	1631.2	1629.8	1631.2	1632.7	1634.1	1635.6	1636.3
160°	1660.9	1660.0	1658.3	1656.6	1654.9	1653.2	1654.9	1656.6	1658.3	1660.0	1660.9
162.5°	1680.4	1679.4	1677.4	1675.3	1673.3	1671.3	1673.3	1675.3	1677.4	1679.4	1680.4
165°	1699.9	1698.6	1696.0	1693.4	1690.8	1688.2	1690.8	1693.4	1696.0	1698.6	1699.9
167.5°	1714.1	1712.7	1709.8	1706.9	1704.1	1701.2	1704.1	1706.9	1709.8	1712.7	1714.1
170°	1725.8	1724.4	1721.5	1718.6	1715.7	1712.8	1715.7	1718.6	1721.5	1724.4	1725.8
172.5°	1733.6	1732.0	1728.8	1725.7	1722.5	1719.3	1722.5	1725.7	1728.8	1732.0	1733.6
175°	1740.1	1738.4	1734.9	1731.4	1728.0	1724.5	1728.0	1731.4	1734.9	1738.4	1740.1
177.5°	1742.7	1741.0	1737.5	1734.0	1730.6	1727.1	1730.6	1734.0	1737.5	1741.0	1742.7
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1816.3	1825.9	1816.3	1822.7	1825.9	1833.9	1837.1	1851.5	1856.3	1867.5	1867.5
5°	1707.5	1712.3	1713.9	1720.3	1726.7	1742.7	1753.9	1774.7	1798.7	1801.9	1816.3
7.5°	1619.5	1627.5	1640.3	1635.5	1646.7	1670.7	1685.1	1710.7	1734.7	1747.5	1765.1
10°	1541.1	1550.7	1555.5	1560.3	1581.1	1601.9	1624.3	1641.9	1673.9	1693.1	1707.5
12.5°	1477.1	1469.1	1478.7	1496.3	1520.3	1533.1	1563.5	1590.7	1614.7	1635.5	1648.3
15°	1393.9	1400.3	1409.9	1440.3	1446.7	1478.7	1489.9	1520.3	1565.1	1584.3	1600.3
17.5°	1313.8	1334.6	1353.9	1365.1	1384.3	1409.9	1441.9	1475.5	1504.3	1526.7	1545.9
20°	1249.8	1270.6	1281.8	1289.8	1309.0	1344.3	1374.7	1416.3	1453.1	1470.7	1496.3
22.5°	1198.6	1198.6	1214.6	1238.6	1249.8	1283.4	1309.0	1353.9	1393.9	1416.3	1440.3
25°	1134.6	1144.2	1157.0	1177.8	1193.8	1221.0	1257.8	1296.2	1339.4	1358.7	1389.1
27.5°	1081.8	1093.0	1110.6	1115.4	1131.4	1155.4	1193.8	1235.4	1280.2	1301.0	1326.6
30°	1041.8	1048.2	1054.6	1064.2	1078.6	1099.4	1131.4	1168.2	1222.6	1238.6	1270.6
32.5°	1006.6	1009.8	1013.0	1021.0	1029.0	1049.8	1075.4	1115.4	1160.2	1184.2	1213.0
35°	974.6	971.4	973.0	977.8	985.8	993.8	1021.0	1054.6	1096.2	1125.0	1147.4
37.5°	944.2	937.8	936.2	936.2	939.4	949.0	969.8	998.6	1043.4	1067.4	1089.8
40°	910.6	904.2	901.0	899.4	897.8	904.2	920.2	949.0	984.2	1006.6	1032.2
42.5°	878.6	872.2	864.2	862.6	859.4	862.6	873.8	901.0	931.4	953.8	974.6
45°	846.6	835.4	825.8	819.4	821.0	816.2	824.2	845.0	880.2	894.6	915.4
47.5°	811.4	798.5	785.7	779.3	772.9	776.1	779.3	796.9	827.4	841.8	862.6
50°	777.7	760.1	745.7	737.7	732.9	729.7	732.9	750.5	772.9	785.7	803.3
52.5°	739.3	721.7	707.3	694.5	688.1	683.3	684.9	700.9	721.7	734.5	752.1
55°	704.1	681.7	662.5	646.5	641.7	640.1	638.5	649.7	667.3	680.1	694.5
57.5°	664.1	641.7	620.9	601.7	592.1	590.5	590.5	593.7	616.1	625.7	633.7
60°	624.1	600.1	577.7	560.1	545.7	540.9	539.3	545.7	556.9	566.5	577.7
62.5°	579.3	555.3	528.1	512.1	497.7	484.9	489.7	491.3	507.3	512.1	521.7
65°	536.1	508.9	486.5	460.9	444.9	436.9	433.7	436.9	449.7	451.3	457.7
67.5°	486.5	460.9	433.7	416.1	401.7	387.3	384.1	384.1	390.5	395.3	403.3
70°	438.5	412.9	382.5	363.3	348.9	336.1	331.3	329.7	334.5	337.7	345.7
72.5°	382.5	356.9	334.5	313.7	296.1	286.5	281.7	278.5	283.3	286.5	288.1
75°	323.3	302.5	280.1	259.2	248.0	238.4	232.0	227.2	230.4	230.4	230.4
77.5°	267.2	246.4	228.8	214.4	200.0	188.8	184.0	179.2	180.8	180.8	184.0
80°	208.0	193.6	179.2	166.4	153.6	144.0	140.8	136.0	132.8	131.2	131.2
82.5°	153.6	142.4	129.6	118.4	112.0	102.4	99.2	92.8	92.8	91.2	91.2
85°	102.4	96.0	83.2	75.2	70.4	65.6	62.4	59.2	54.4	54.4	52.8
87.5°	54.4	51.2	48.0	38.4	38.4	33.6	32.0	30.4	25.6	27.2	27.2
90°	35.4	33.7	32.0	30.2	28.5	26.2	23.9	21.6	19.3	18.2	16.6
92.5°	34.1	32.4	30.7	28.9	27.2	24.9	22.6	20.3	18.0	16.9	17.2
95°	35.4	33.7	32.0	30.2	28.5	28.2	27.9	27.6	27.3	27.2	32.1
97.5°	34.3	32.8	31.4	29.9	28.5	58.8	89.1	119.4	149.7	164.8	161.6
100°	37.5	42.4	47.3	52.2	57.1	96.9	136.7	176.5	216.3	236.2	233.6
102.5°	70.0	134.9	199.8	264.7	329.6	326.1	322.7	319.2	315.7	314.0	312.3
105°	415.2	412.6	410.1	407.5	404.9	403.5	402.0	400.6	399.1	398.4	397.5
107.5°	493.7	492.2	490.8	489.3	487.9	485.9	483.9	481.8	479.8	478.8	478.4
110°	574.5	573.9	573.4	572.8	572.2	570.5	568.8	567.1	565.4	564.5	564.1

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	652.8	653.1	653.4	653.7	654.0	653.4	652.8	652.3	651.7	651.4	650.5
115°	734.1	733.6	733.0	732.5	731.9	732.2	732.5	732.8	733.1	733.2	732.8
117.5°	813.7	814.0	814.3	814.6	814.9	814.0	813.2	812.3	811.4	811.0	810.4
120°	889.9	889.3	888.8	888.2	887.6	887.9	888.2	888.5	888.8	888.9	888.3
122.5°	962.7	962.4	962.1	961.8	961.5	960.9	960.3	959.8	959.2	958.9	958.6
125°	1031.2	1030.3	1029.4	1028.6	1027.7	1028.3	1028.9	1029.4	1030.0	1030.3	1029.7
127.5°	1097.9	1098.2	1098.5	1098.8	1099.1	1097.7	1096.2	1094.8	1093.3	1092.6	1092.5
130°	1161.3	1161.0	1160.7	1160.4	1160.1	1159.2	1158.4	1157.5	1156.6	1156.2	1156.1
132.5°	1222.3	1222.0	1221.7	1221.4	1221.1	1219.9	1218.8	1217.6	1216.5	1215.9	1215.6
135°	1277.8	1277.3	1276.7	1276.2	1275.6	1274.4	1273.3	1272.1	1271.0	1270.4	1270.5
137.5°	1332.3	1331.8	1331.2	1330.7	1330.1	1328.7	1327.2	1325.8	1324.3	1323.6	1323.6
140°	1382.9	1382.0	1381.1	1380.3	1379.4	1378.8	1378.2	1377.7	1377.1	1376.8	1376.5
142.5°	1428.4	1427.8	1427.3	1426.7	1426.1	1425.8	1425.5	1425.2	1424.9	1424.8	1424.2
145°	1471.4	1471.1	1470.8	1470.5	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1469.8
147.5°	1510.3	1510.0	1509.7	1509.4	1509.1	1509.4	1509.7	1510.0	1510.3	1510.4	1509.5
150°	1546.8	1546.8	1546.8	1546.8	1546.8	1547.1	1547.4	1547.7	1548.0	1548.1	1547.5
152.5°	1580.2	1579.6	1579.1	1578.5	1577.9	1578.5	1579.1	1579.6	1580.2	1580.5	1580.1
155°	1609.7	1608.6	1607.4	1606.3	1605.1	1606.0	1606.8	1607.7	1608.6	1609.0	1608.9
157.5°	1635.6	1634.1	1632.7	1631.2	1629.8	1631.0	1632.1	1633.3	1634.4	1635.0	1635.0
160°	1660.0	1658.3	1656.6	1654.9	1653.2	1653.5	1653.8	1654.1	1654.4	1654.5	1654.9
162.5°	1679.5	1677.8	1676.1	1674.3	1672.6	1672.9	1673.2	1673.5	1673.8	1673.9	1674.5
165°	1698.7	1696.4	1694.1	1691.8	1689.5	1689.5	1689.5	1689.5	1689.5	1689.5	1690.2
167.5°	1712.8	1710.2	1707.7	1705.1	1702.5	1702.8	1703.1	1703.4	1703.7	1703.8	1704.5
170°	1724.6	1722.3	1720.0	1717.7	1715.4	1715.1	1714.8	1714.5	1714.2	1714.1	1715.0
172.5°	1732.4	1730.1	1727.8	1725.5	1723.2	1722.9	1722.6	1722.3	1722.0	1721.9	1722.8
175°	1738.8	1736.2	1733.6	1731.0	1728.4	1728.1	1727.8	1727.5	1727.2	1727.1	1728.0
177.5°	1741.5	1739.2	1736.9	1734.6	1732.3	1731.7	1731.1	1730.6	1730.0	1729.7	1730.7
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1931.6	1931.6	1931.6	1931.6
2.5°	1878.7	1894.8	1909.2	1931.6
5°	1837.1	1859.5	1890.0	1923.6
7.5°	1789.1	1824.3	1864.3	1910.8
10°	1744.3	1784.3	1835.5	1891.6
12.5°	1697.9	1745.9	1801.9	1862.7
15°	1645.1	1693.1	1755.5	1837.1
17.5°	1597.1	1654.7	1721.9	1808.3
20°	1541.1	1595.5	1669.1	1768.3
22.5°	1491.5	1553.9	1635.5	1721.9
25°	1437.1	1491.5	1573.1	1677.1
27.5°	1382.7	1449.9	1528.3	1629.1
30°	1329.8	1385.9	1470.7	1576.3
32.5°	1272.2	1339.4	1417.9	1517.1
35°	1209.8	1273.8	1347.5	1454.7
37.5°	1153.8	1216.2	1291.4	1385.9
40°	1091.4	1157.0	1225.8	1320.2
42.5°	1030.6	1089.8	1158.6	1245.0
45°	971.4	1022.6	1085.0	1160.2
47.5°	910.6	953.8	1011.4	1078.6
50°	845.0	891.4	934.6	990.6
52.5°	784.1	824.2	859.4	905.8
55°	724.9	752.1	780.9	816.2
57.5°	662.5	683.3	704.1	740.9
60°	600.1	619.3	630.5	654.5
62.5°	539.3	547.3	561.7	576.1
65°	472.1	483.3	491.3	508.9
67.5°	411.3	416.1	424.1	435.3
70°	347.3	358.5	361.7	369.7
72.5°	292.9	297.7	300.9	302.5
75°	232.0	236.8	240.0	249.6
77.5°	182.4	180.8	187.2	188.8
80°	134.4	129.6	131.2	137.6
82.5°	88.0	89.6	88.0	88.0
85°	54.4	52.8	49.6	51.2
87.5°	24.0	24.0	22.4	22.4
90°	13.4	10.3	7.1	3.9
92.5°	17.8	18.3	18.9	19.5
95°	41.9	51.8	61.6	71.4
97.5°	155.3	148.9	142.6	136.2
100°	228.4	223.2	218.0	212.8
102.5°	308.8	305.4	301.9	298.5
105°	395.8	394.1	392.3	390.6
107.5°	477.5	476.6	475.8	474.9
110°	563.2	562.3	561.5	560.6



TEST NUMBER: P1033272

CATALOG NUMBER: S124DIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	648.8	647.1	645.3	643.6
115°	731.9	731.0	730.2	729.3
117.5°	809.3	808.1	807.0	805.8
120°	887.2	886.0	884.9	883.7
122.5°	958.0	957.5	956.9	956.3
125°	1028.6	1027.4	1026.3	1025.1
127.5°	1092.2	1091.9	1091.6	1091.3
130°	1155.8	1155.5	1155.2	1154.9
132.5°	1215.0	1214.5	1213.9	1213.3
135°	1270.8	1271.1	1271.4	1271.7
137.5°	1323.6	1323.6	1323.6	1323.6
140°	1375.9	1375.4	1374.8	1374.2
142.5°	1423.1	1421.9	1420.8	1419.6
145°	1468.9	1468.0	1467.2	1466.3
147.5°	1507.8	1506.1	1504.3	1502.6
150°	1546.4	1545.2	1544.1	1542.9
152.5°	1579.2	1578.3	1577.5	1576.6
155°	1608.6	1608.3	1608.0	1607.7
157.5°	1635.0	1635.0	1635.0	1635.0
160°	1655.8	1656.6	1657.5	1658.3
162.5°	1675.6	1676.8	1677.9	1679.1
165°	1691.7	1693.1	1694.6	1696.0
167.5°	1706.0	1707.4	1708.9	1710.3
170°	1716.7	1718.4	1720.2	1721.9
172.5°	1724.5	1726.2	1728.0	1729.7
175°	1729.7	1731.4	1733.2	1734.9
177.5°	1732.7	1734.8	1736.8	1738.8
180°	1734.9	1734.9	1734.9	1734.9

(END OF REPORT)