

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: P1033934

Luminaire Tested: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1033934
REPORT IS A COMBINATION OF REPORTS P1000071 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A
Description: Define 4 Regressed Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

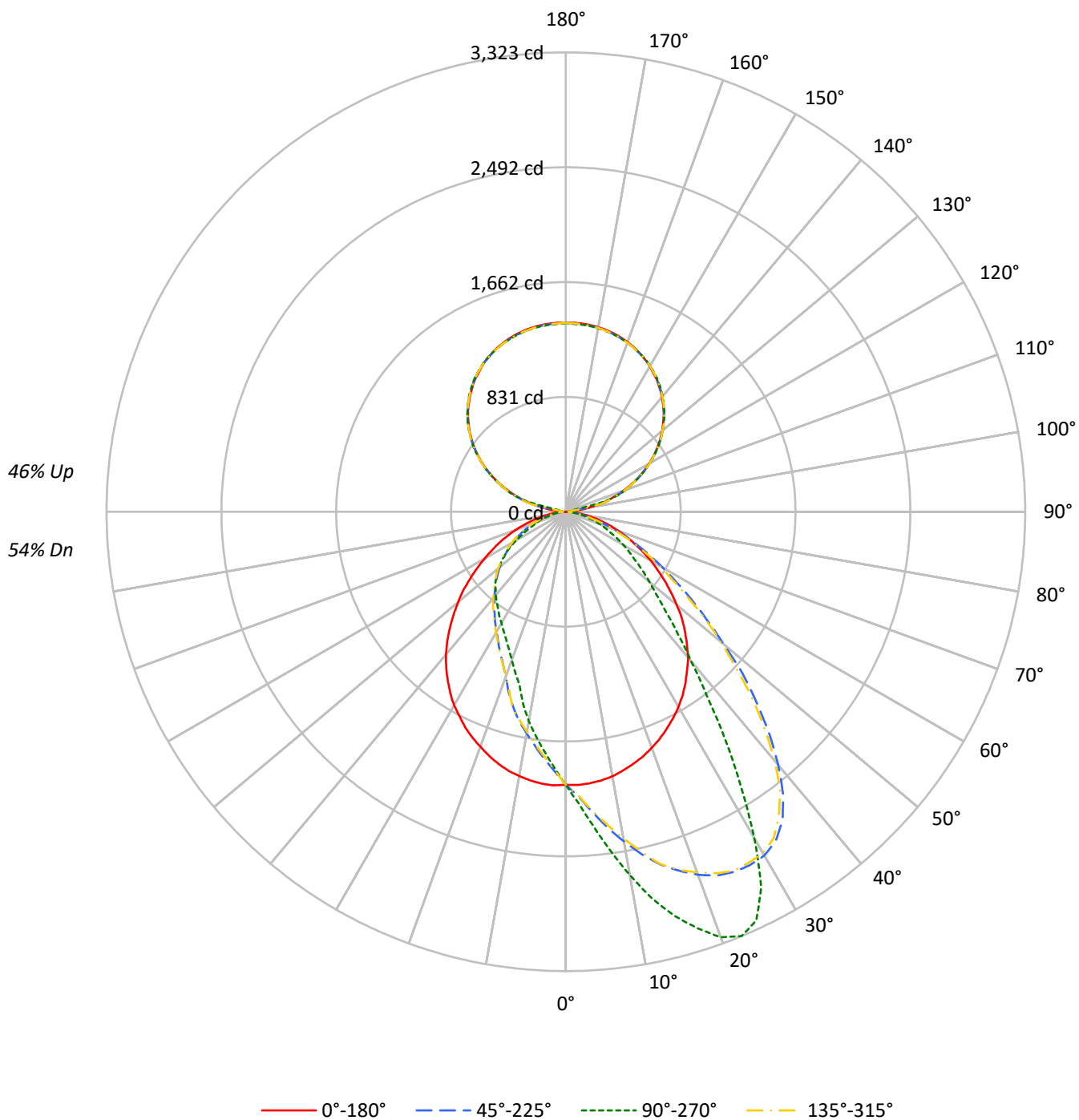
Lumens per Lamp: N/A
Luminaire Lumens: 9222.0 lumens
Efficiency: N/A
Efficacy: 99.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 92.8
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				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	86	86	86	72	72	72	60	60	60
1	99	95	91	88	92	88	85	82	76	74	71	64	63	61	54	53	52
2	91	84	78	73	84	78	73	68	67	63	60	57	54	52	48	46	44
3	83	74	67	61	77	69	63	58	60	55	51	51	47	44	43	40	38
4	76	66	58	52	71	61	55	49	53	48	44	46	42	38	39	36	33
5	70	59	51	45	65	55	48	43	48	42	38	41	37	34	35	32	29
6	65	53	45	39	60	50	42	37	43	38	33	37	33	30	32	29	26
7	60	48	40	35	56	45	38	33	39	34	30	34	30	26	29	26	23
8	56	44	36	31	52	41	34	29	36	30	26	31	27	24	27	23	21
9	52	40	32	27	48	38	31	26	33	28	24	29	24	21	25	21	19
10	49	37	29	25	45	35	28	24	30	25	21	27	22	19	23	20	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16103	16103	16103	16103
5°	16104	18196	16130	13907
10°	16017	20976	16005	12095
15°	15827	23607	15827	10126
20°	15627	25595	15545	8917
25°	15384	25704	15313	8054
30°	15125	21857	15006	7460
35°	14758	16492	14572	7017
40°	14352	11952	14069	6672
45°	13678	9084	13338	6366
50°	12880	7342	12526	5917
55°	12014	6079	11621	5322
60°	11144	5140	10647	4425
65°	10054	4187	9734	3518
70°	9053	3396	8627	2857
75°	7934	2447	7383	2094
80°	6544	1622	5955	1539
85°	4745	834	3937	834

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 20160 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.2	2.1
10°-20°	577.5	6.3
20°-30°	904.5	9.8
30°-40°	1004.5	10.9
40°-50°	890.1	9.7
50°-60°	693.7	7.5
60°-70°	453.7	4.9
70°-80°	222.6	2.4
80°-90°	57.0	0.6
90°-100°	45.4	0.5
100°-110°	298.6	3.2
110°-120°	570.3	6.2
120°-130°	723.9	7.8
130°-140°	774.4	8.4
140°-150°	724.2	7.9
150°-160°	584.0	6.3
160°-170°	376.6	4.1
170°-180°	129.8	1.4
0°-30°	1673.2	18.1
0°-40°	2677.7	29.0
0°-60°	4261.4	46.2
0°-90°	4994.8	54.2
90°-120°	914.3	9.9
90°-150°	3136.8	34.0
90°-180°	4227.0	45.8
0°-180°	9222.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1975	1975	1975	1975	1975	
5°	1972	2282	1975	1744	1972	187
15°	1887	3023	1887	1297	1887	532
25°	1730	3260	1722	1022	1730	797
35°	1508	2008	1489	854	1508	943
45°	1216	1026	1186	719	1216	937
55°	875	613	847	536	875	783
65°	549	358	532	301	549	548
75°	275	166	256	142	275	292
85°	65	40	54	40	65	74
90°	3	31	3	31	3	7
95°	56	30	56	30	56	69
105°	308	291	308	291	308	322
115°	574	578	574	578	574	565
125°	807	813	807	813	807	721
135°	1001	1008	1001	1008	1001	772
145°	1155	1161	1155	1161	1155	721
155°	1266	1265	1266	1265	1266	584
165°	1335	1329	1335	1329	1335	377
175°	1366	1358	1366	1358	1366	130
180°	1366	1366	1366	1366	1366	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8
2.5°	1978.0	1995.5	2005.0	2013.0	2028.9	2035.2	2048.0	2051.2	2063.9	2062.3	2057.5
5°	1971.6	2001.8	2024.1	2048.0	2076.6	2092.5	2110.0	2135.5	2148.2	2165.7	2176.9
7.5°	1960.5	2001.8	2038.4	2075.0	2121.2	2146.6	2168.9	2208.7	2242.1	2270.8	2302.6
10°	1942.9	1995.5	2049.6	2098.9	2162.5	2192.8	2226.2	2285.1	2331.2	2371.0	2421.9
12.5°	1915.9	1989.1	2049.6	2116.4	2197.6	2238.9	2283.5	2353.5	2407.6	2472.8	2536.5
15°	1887.3	1968.4	2048.0	2135.5	2227.8	2275.5	2320.1	2414.0	2496.7	2571.5	2641.5
17.5°	1855.4	1944.5	2032.1	2129.1	2240.5	2299.4	2351.9	2464.9	2555.6	2652.7	2722.7
20°	1817.2	1914.3	2014.6	2122.8	2248.5	2313.7	2372.6	2501.5	2601.7	2706.8	2794.3
22.5°	1775.9	1880.9	1990.7	2108.4	2238.9	2310.5	2379.0	2517.4	2633.6	2730.6	2848.4
25°	1729.7	1841.1	1954.1	2078.2	2224.6	2302.6	2372.6	2509.4	2633.6	2760.9	2875.4
27.5°	1682.0	1796.6	1914.3	2044.8	2194.4	2270.8	2350.3	2482.4	2627.2	2765.6	2881.8
30°	1629.5	1740.9	1865.0	1989.1	2148.2	2224.6	2305.8	2449.0	2606.5	2745.0	2870.7
32.5°	1572.2	1686.8	1804.5	1933.4	2089.3	2172.1	2246.9	2409.2	2569.9	2706.8	2824.5
35°	1508.5	1616.7	1728.1	1860.2	2014.6	2089.3	2178.5	2347.1	2509.4	2654.3	2730.6
37.5°	1440.1	1543.5	1647.0	1777.5	1925.4	2016.1	2103.7	2273.9	2445.8	2542.9	2582.6
40°	1376.5	1467.2	1557.9	1683.6	1833.2	1927.0	2016.1	2192.8	2344.0	2418.7	2388.5
42.5°	1295.3	1389.2	1470.3	1586.5	1737.7	1825.2	1915.9	2098.9	2221.4	2251.7	2176.9
45°	1215.7	1293.7	1371.7	1484.7	1643.8	1718.6	1815.6	1985.9	2087.8	2060.7	1950.9
47.5°	1137.8	1201.4	1274.6	1384.4	1527.6	1616.7	1707.4	1855.4	1927.0	1888.8	1736.1
50°	1045.5	1109.1	1185.5	1281.0	1419.4	1505.3	1577.0	1713.8	1767.9	1674.0	1489.4
52.5°	957.9	1013.6	1078.9	1168.0	1300.1	1378.0	1456.0	1573.8	1591.3	1483.1	1288.9
55°	875.2	919.8	988.2	1059.8	1180.7	1263.5	1317.6	1417.8	1413.1	1277.8	1110.7
57.5°	789.3	830.6	876.8	951.6	1066.2	1128.2	1187.1	1274.6	1228.5	1113.9	948.4
60°	712.9	736.8	782.9	854.5	951.6	1005.7	1051.8	1099.6	1059.8	935.7	808.4
62.5°	628.6	655.6	689.0	746.3	832.2	883.2	916.6	937.3	895.9	800.4	684.2
65°	549.0	572.9	607.9	658.8	724.0	762.2	779.7	794.0	771.8	663.6	571.3
67.5°	477.4	493.3	525.1	558.5	628.6	638.1	662.0	668.3	623.8	541.0	467.8
70°	405.8	421.7	436.0	475.8	507.6	525.1	529.9	529.9	485.3	431.2	370.8
72.5°	338.9	348.5	362.8	389.9	407.4	420.1	426.5	418.5	377.1	332.6	288.0
75°	275.3	280.1	292.8	310.3	324.6	319.8	318.3	308.7	278.5	246.6	221.2
77.5°	211.6	214.8	229.1	233.9	233.9	238.7	232.3	222.8	197.3	173.4	162.3
80°	159.1	163.9	165.5	168.7	165.5	165.5	160.7	144.8	132.1	120.9	113.0
82.5°	109.8	113.0	114.6	109.8	113.0	108.2	100.3	89.1	81.2	79.6	76.4
85°	65.2	66.8	65.2	65.2	60.5	58.9	52.5	50.9	47.7	47.7	46.1
87.5°	31.8	30.2	27.1	23.9	23.9	22.3	23.9	20.7	23.9	22.3	20.7
90°	3.1	5.6	8.1	10.6	13.1	14.3	15.2	17.0	18.9	20.7	22.5
92.5°	15.3	14.9	14.4	14.0	13.5	13.3	14.2	16.0	17.9	19.7	21.5
95°	56.2	48.5	40.8	33.1	25.4	21.5	21.6	21.8	22.1	22.3	22.5
97.5°	107.3	112.3	117.3	122.3	127.3	129.8	117.9	94.0	70.2	46.3	22.5
100°	167.6	171.7	175.8	179.9	184.0	186.0	170.3	139.0	107.7	76.3	45.0
102.5°	235.0	237.7	240.5	243.2	245.9	247.3	248.7	251.4	254.1	256.8	259.5
105°	307.6	309.0	310.3	311.7	313.0	313.7	314.3	315.4	316.5	317.7	318.8
107.5°	374.0	374.7	375.3	376.0	376.7	377.0	377.8	379.4	381.0	382.6	384.2
110°	441.4	442.1	442.8	443.5	444.2	444.5	445.2	446.5	447.9	449.2	450.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	506.8	508.2	509.5	510.9	512.2	512.9	513.1	513.6	514.1	514.5	515.0
115°	574.2	574.9	575.6	576.3	577.0	577.3	577.2	577.0	576.7	576.5	576.3
117.5°	634.5	635.4	636.3	637.2	638.1	638.6	638.9	639.6	640.3	641.0	641.7
120°	695.8	696.7	697.6	698.5	699.4	699.9	699.8	699.6	699.3	699.1	698.9
122.5°	753.0	753.5	753.9	754.4	754.9	755.1	755.3	755.8	756.2	756.7	757.1
125°	807.2	808.1	809.0	809.9	810.8	811.3	811.1	810.6	810.1	809.7	809.2
127.5°	859.3	859.5	859.7	860.0	860.2	860.3	860.9	862.0	863.1	864.3	865.4
130°	909.4	909.6	909.8	910.1	910.3	910.4	910.7	911.4	912.1	912.8	913.5
132.5°	955.3	955.8	956.2	956.7	957.2	957.4	957.9	958.8	959.7	960.6	961.5
135°	1001.3	1001.1	1000.9	1000.6	1000.4	1000.3	1000.8	1001.7	1002.6	1003.5	1004.4
137.5°	1042.2	1042.2	1042.2	1042.2	1042.2	1042.2	1042.8	1043.9	1045.0	1046.2	1047.3
140°	1082.0	1082.5	1082.9	1083.4	1083.9	1084.1	1084.3	1084.8	1085.2	1085.7	1086.1
142.5°	1117.8	1118.7	1119.6	1120.5	1121.4	1121.9	1122.0	1122.2	1122.5	1122.7	1122.9
145°	1154.6	1155.3	1156.0	1156.7	1157.4	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7
147.5°	1183.2	1184.6	1185.9	1187.3	1188.6	1189.3	1189.2	1189.0	1188.7	1188.5	1188.3
150°	1214.9	1215.8	1216.7	1217.6	1218.5	1219.0	1218.9	1218.6	1218.4	1218.1	1217.9
152.5°	1241.4	1242.1	1242.8	1243.5	1244.2	1244.5	1244.3	1243.8	1243.4	1242.9	1242.5
155°	1266.0	1266.2	1266.4	1266.7	1266.9	1267.0	1266.7	1266.0	1265.3	1264.6	1263.9
157.5°	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1286.9	1286.0	1285.1	1284.2	1283.3
160°	1305.8	1305.1	1304.4	1303.7	1303.0	1302.7	1302.6	1302.4	1302.1	1301.9	1301.7
162.5°	1322.2	1321.3	1320.4	1319.5	1318.6	1318.1	1318.0	1317.8	1317.5	1317.3	1317.1
165°	1335.4	1334.3	1333.1	1332.0	1330.9	1330.3	1330.3	1330.3	1330.3	1330.3	1330.3
167.5°	1346.7	1345.6	1344.4	1343.3	1342.2	1341.6	1341.5	1341.3	1341.0	1340.8	1340.6
170°	1355.9	1354.5	1353.1	1351.8	1350.4	1349.7	1349.8	1350.1	1350.3	1350.6	1350.8
172.5°	1362.0	1360.6	1359.3	1357.9	1356.6	1355.9	1356.0	1356.2	1356.5	1356.7	1356.9
175°	1366.1	1364.7	1363.4	1362.0	1360.7	1360.0	1360.1	1360.3	1360.6	1360.8	1361.0
177.5°	1369.2	1367.6	1366.0	1364.4	1362.8	1362.0	1362.2	1362.7	1363.2	1363.6	1364.1
180°	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8
2.5°	2070.3	2087.8	2089.3	2105.3	2100.5	2092.5	2106.9	2097.3	2116.4	2110.0	2118.0
5°	2191.2	2215.1	2235.7	2248.5	2270.8	2266.0	2289.8	2281.9	2299.4	2281.9	2304.2
7.5°	2332.8	2372.6	2393.3	2426.7	2436.2	2437.8	2466.5	2472.8	2484.0	2472.8	2485.6
10°	2471.3	2519.0	2566.7	2593.8	2611.3	2635.2	2660.6	2671.8	2679.7	2668.6	2676.5
12.5°	2597.0	2671.8	2724.3	2778.4	2791.1	2811.8	2838.8	2835.7	2867.5	2861.1	2875.4
15°	2713.1	2795.9	2859.5	2902.5	2937.5	2955.0	3005.9	3009.1	3007.5	3023.4	3013.9
17.5°	2816.6	2886.6	2977.3	3033.0	3075.9	3075.9	3104.6	3163.5	3158.7	3157.1	3166.6
20°	2900.9	2980.5	3064.8	3158.7	3193.7	3200.1	3239.8	3270.1	3274.8	3274.8	3274.8
22.5°	2964.5	3058.4	3149.1	3216.0	3243.0	3265.3	3300.3	3319.4	3325.8	3322.6	3325.8
25°	2996.4	3085.5	3177.8	3238.2	3254.2	3266.9	3270.1	3281.2	3279.6	3260.5	3271.7
27.5°	3002.7	3088.7	3149.1	3165.1	3157.1	3149.1	3098.2	3103.0	3088.7	3060.0	3071.2
30°	2974.1	3020.2	3018.7	2969.3	2955.0	2921.6	2875.4	2807.0	2751.3	2727.4	2735.4
32.5°	2870.7	2870.7	2813.4	2702.0	2652.7	2592.2	2509.4	2447.4	2374.2	2358.3	2388.5
35°	2727.4	2646.3	2541.3	2394.9	2320.1	2275.5	2132.3	2087.8	2025.7	2008.2	2022.5
37.5°	2504.7	2369.4	2216.6	2079.8	2016.1	1936.6	1810.9	1747.2	1702.7	1672.4	1686.8
40°	2254.8	2090.9	1931.8	1763.1	1693.1	1627.9	1534.0	1476.7	1405.1	1408.3	1413.1
42.5°	2016.1	1823.6	1645.4	1489.4	1422.6	1368.5	1303.3	1233.2	1207.8	1199.8	1191.9
45°	1763.1	1557.9	1390.8	1274.6	1214.1	1163.2	1102.8	1063.0	1032.7	1026.4	1034.3
47.5°	1524.4	1351.0	1191.9	1083.7	1034.3	1008.9	961.1	924.5	905.4	889.5	899.1
50°	1308.0	1145.7	1018.4	927.7	892.7	875.2	830.6	811.6	792.5	787.7	786.1
52.5°	1129.8	991.4	881.6	808.4	781.3	771.8	738.4	711.3	695.4	700.2	703.3
55°	967.5	849.7	763.8	704.9	682.7	671.5	647.6	628.6	617.4	612.6	615.8
57.5°	824.3	722.4	660.4	612.6	595.1	590.4	564.9	558.5	550.6	545.8	545.8
60°	693.8	622.2	564.9	537.9	518.8	514.0	494.9	486.9	485.3	480.6	477.4
62.5°	584.0	525.1	485.3	456.7	448.7	447.1	434.4	424.9	420.1	416.9	416.9
65°	488.5	445.6	412.1	391.5	385.1	381.9	367.6	364.4	361.2	358.0	356.4
67.5°	407.4	369.2	345.3	331.0	323.0	324.6	316.7	310.3	310.3	308.7	307.1
70°	329.4	305.5	284.8	276.9	273.7	270.5	267.3	262.6	261.0	261.0	261.0
72.5°	259.4	243.5	232.3	227.6	224.4	221.2	218.0	218.0	218.0	216.4	216.4
75°	198.9	192.5	184.6	179.8	179.8	183.0	178.2	173.4	168.7	165.5	167.1
77.5°	149.6	146.4	141.6	133.7	135.3	132.1	132.1	128.9	130.5	130.5	127.3
80°	109.8	105.0	103.4	98.7	100.3	98.7	97.1	97.1	93.9	93.9	93.9
82.5°	76.4	71.6	71.6	70.0	68.4	68.4	66.8	66.8	68.4	65.2	65.2
85°	46.1	44.6	44.6	41.4	41.4	41.4	41.4	43.0	41.4	39.8	39.8
87.5°	20.7	22.3	20.7	19.1	19.1	19.1	17.5	17.5	15.9	17.5	17.5
90°	23.9	25.2	26.6	27.9	28.6	28.8	29.3	29.8	30.2	30.7	30.2
92.5°	22.9	24.2	25.6	26.9	27.6	27.6	27.6	27.6	27.6	27.6	27.6
95°	23.9	25.2	26.6	27.9	28.6	28.7	28.9	29.2	29.4	29.6	29.4
97.5°	23.6	24.8	25.9	27.0	27.6	27.7	27.9	28.2	28.4	28.6	28.4
100°	41.1	37.3	33.4	29.5	27.6	27.7	27.9	28.2	28.4	28.6	28.4
102.5°	208.4	157.3	106.2	55.1	29.6	29.6	29.6	29.6	29.6	29.6	29.6
105°	320.8	322.9	324.9	327.0	328.0	323.9	315.7	307.6	299.4	291.2	299.4
107.5°	385.3	386.5	387.6	388.7	389.3	389.8	390.7	391.6	392.5	393.4	392.5
110°	451.0	451.5	451.9	452.4	452.6	452.9	453.6	454.3	455.0	455.7	455.0

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	514.8	514.5	514.3	514.0	513.9	514.4	515.3	516.2	517.1	518.0	517.1
115°	576.7	577.2	577.6	578.1	578.3	578.3	578.3	578.3	578.3	578.3	578.3
117.5°	641.5	641.2	641.0	640.7	640.6	640.6	640.6	640.6	640.6	640.6	640.6
120°	699.3	699.8	700.2	700.7	700.9	700.7	700.2	699.8	699.3	698.9	699.3
122.5°	757.3	757.5	757.8	758.0	758.1	757.9	757.4	757.0	756.5	756.1	756.5
125°	809.9	810.6	811.3	812.0	812.3	812.4	812.6	812.9	813.1	813.3	813.1
127.5°	865.2	865.0	864.7	864.5	864.4	864.3	864.1	863.8	863.6	863.4	863.6
130°	913.7	913.9	914.2	914.4	914.5	914.5	914.5	914.5	914.5	914.5	914.5
132.5°	961.7	961.9	962.2	962.4	962.5	962.4	962.2	961.9	961.7	961.5	961.7
135°	1004.8	1005.3	1005.7	1006.2	1006.4	1006.6	1007.1	1007.6	1008.0	1008.5	1008.0
137.5°	1047.7	1048.2	1048.6	1049.1	1049.3	1049.2	1049.0	1048.7	1048.5	1048.3	1048.5
140°	1086.8	1087.5	1088.2	1088.9	1089.2	1089.3	1089.5	1089.8	1090.0	1090.2	1090.0
142.5°	1123.4	1123.8	1124.3	1124.8	1125.0	1125.0	1125.0	1125.0	1125.0	1125.0	1125.0
145°	1157.9	1158.1	1158.4	1158.6	1158.7	1158.9	1159.4	1159.8	1160.3	1160.7	1160.3
147.5°	1188.5	1188.7	1189.0	1189.2	1189.3	1189.4	1189.7	1189.9	1190.2	1190.4	1190.2
150°	1217.9	1217.9	1217.9	1217.9	1217.9	1218.0	1218.3	1218.5	1218.8	1219.0	1218.8
152.5°	1242.9	1243.4	1243.8	1244.3	1244.5	1244.4	1244.2	1243.9	1243.7	1243.5	1243.7
155°	1264.8	1265.7	1266.6	1267.5	1268.0	1267.7	1267.0	1266.3	1265.6	1264.9	1265.6
157.5°	1284.4	1285.6	1286.7	1287.8	1288.4	1287.8	1286.7	1285.6	1284.4	1283.3	1284.4
160°	1303.1	1304.5	1305.8	1307.2	1307.9	1307.2	1305.8	1304.5	1303.1	1301.7	1303.1
162.5°	1318.5	1319.8	1321.2	1322.5	1323.2	1322.4	1320.8	1319.2	1317.6	1316.0	1317.6
165°	1332.1	1333.9	1335.8	1337.6	1338.5	1337.5	1335.4	1333.4	1331.3	1329.3	1331.3
167.5°	1342.6	1344.6	1346.7	1348.7	1349.7	1348.6	1346.3	1344.0	1341.8	1339.5	1341.8
170°	1352.6	1354.4	1356.2	1358.0	1358.9	1357.8	1355.5	1353.2	1351.0	1348.7	1351.0
172.5°	1358.7	1360.5	1362.4	1364.2	1365.1	1363.8	1361.3	1358.8	1356.3	1353.8	1356.3
175°	1363.0	1365.1	1367.1	1369.2	1370.2	1368.8	1366.1	1363.4	1360.6	1357.9	1360.6
177.5°	1365.9	1367.7	1369.5	1371.3	1372.2	1370.8	1368.1	1365.4	1362.7	1360.0	1362.7
180°	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8
2.5°	2122.8	2111.6	2110.0	2110.0	2092.5	2102.1	2083.0	2062.3	2052.7	2052.7	2035.2
5°	2299.4	2288.3	2277.1	2259.6	2259.6	2250.1	2219.8	2189.6	2167.3	2148.2	2127.5
7.5°	2480.8	2469.7	2437.8	2420.3	2429.9	2410.8	2371.0	2320.1	2281.9	2251.7	2208.7
10°	2678.1	2647.9	2632.0	2622.4	2589.0	2568.3	2522.2	2447.4	2399.6	2359.9	2304.2
12.5°	2838.8	2848.4	2787.9	2792.7	2759.3	2730.6	2659.0	2587.4	2515.8	2460.1	2377.4
15°	3012.3	2983.6	2947.0	2918.4	2907.3	2872.3	2811.8	2716.3	2638.3	2550.8	2456.9
17.5°	3149.1	3126.9	3091.9	3064.8	3040.9	2956.6	2905.7	2821.3	2714.7	2628.8	2514.2
20°	3265.3	3244.6	3195.3	3177.8	3134.8	3074.3	3001.1	2870.7	2775.2	2681.3	2569.9
22.5°	3314.6	3293.9	3251.0	3228.7	3201.7	3142.8	3072.8	2948.6	2830.9	2713.1	2595.4
25°	3273.3	3273.3	3252.6	3244.6	3220.7	3168.2	3096.6	2991.6	2865.9	2738.6	2598.6
27.5°	3072.8	3112.5	3126.9	3134.8	3134.8	3136.4	3087.1	2985.2	2862.7	2738.6	2592.2
30°	2783.1	2850.0	2908.9	2926.4	2956.6	2990.0	3010.7	2961.4	2851.6	2721.1	2574.7
32.5°	2418.7	2504.7	2614.5	2641.5	2682.9	2783.1	2838.8	2859.5	2799.1	2684.5	2528.5
35°	2055.9	2164.1	2231.0	2313.7	2351.9	2499.9	2624.0	2698.8	2684.5	2616.1	2474.4
37.5°	1739.3	1801.3	1882.5	1970.0	2046.4	2188.0	2342.4	2487.2	2546.0	2512.6	2406.0
40°	1435.3	1508.5	1605.6	1677.2	1729.7	1871.3	2062.3	2219.8	2348.7	2369.4	2304.2
42.5°	1220.5	1293.7	1352.6	1430.6	1471.9	1608.8	1777.5	1974.8	2127.5	2208.7	2180.0
45°	1055.0	1099.6	1147.3	1191.9	1242.8	1363.7	1519.7	1736.1	1907.9	2022.5	2033.7
47.5°	910.2	950.0	991.4	1032.7	1061.4	1155.3	1298.5	1475.1	1662.9	1820.4	1882.5
50°	808.4	827.5	857.7	881.6	915.0	996.1	1110.7	1263.5	1462.4	1632.7	1713.8
52.5°	708.1	732.0	755.9	776.5	798.8	856.1	961.1	1093.2	1265.1	1440.1	1540.4
55°	623.8	642.9	665.2	679.5	692.2	743.1	822.7	924.5	1072.5	1238.0	1362.1
57.5°	555.4	563.3	582.4	590.4	604.7	646.1	703.3	794.0	913.4	1074.1	1176.0
60°	480.6	496.5	510.8	517.2	528.3	556.9	596.7	681.1	784.5	902.3	1018.4
62.5°	420.1	426.5	437.6	445.6	453.5	483.7	517.2	580.8	658.8	757.4	864.1
65°	364.4	367.6	374.0	385.1	389.9	412.1	431.2	477.4	550.6	625.4	732.0
67.5°	307.1	310.3	318.3	324.6	329.4	343.7	364.4	397.8	437.6	520.3	579.2
70°	262.6	262.6	267.3	270.5	275.3	281.7	292.8	318.3	354.9	407.4	461.5
72.5°	219.6	219.6	219.6	224.4	224.4	229.1	235.5	253.0	278.5	319.8	354.9
75°	170.3	171.9	175.0	175.0	176.6	183.0	187.8	192.5	205.3	232.3	264.2
77.5°	128.9	132.1	133.7	130.5	133.7	133.7	140.0	146.4	152.8	160.7	184.6
80°	95.5	97.1	93.9	95.5	95.5	98.7	101.8	100.3	103.4	113.0	119.3
82.5°	63.7	65.2	65.2	65.2	65.2	70.0	70.0	68.4	70.0	71.6	73.2
85°	39.8	38.2	38.2	39.8	38.2	38.2	39.8	41.4	39.8	41.4	43.0
87.5°	17.5	17.5	17.5	17.5	15.9	15.9	17.5	15.9	17.5	15.9	14.3
90°	29.8	29.3	28.8	28.6	27.9	26.6	25.2	23.9	22.5	20.7	18.9
92.5°	27.6	27.6	27.6	27.6	26.9	25.6	24.2	22.9	21.5	19.7	17.9
95°	29.2	28.9	28.7	28.6	27.9	26.6	25.2	23.9	22.5	22.3	22.1
97.5°	28.2	27.9	27.7	27.6	27.0	25.9	24.8	23.6	22.5	46.3	70.2
100°	28.2	27.9	27.7	27.6	29.5	33.4	37.3	41.1	45.0	76.3	107.7
102.5°	29.6	29.6	29.6	29.6	55.1	106.2	157.3	208.4	259.5	256.8	254.1
105°	307.6	315.7	323.9	328.0	327.0	324.9	322.9	320.8	318.8	317.7	316.5
107.5°	391.6	390.7	389.8	389.3	388.7	387.6	386.5	385.3	384.2	382.6	381.0
110°	454.3	453.6	452.9	452.6	452.4	451.9	451.5	451.0	450.6	449.2	447.9

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	516.2	515.3	514.4	513.9	514.0	514.3	514.5	514.8	515.0	514.5	514.1
115°	578.3	578.3	578.3	578.3	578.1	577.6	577.2	576.7	576.3	576.5	576.7
117.5°	640.6	640.6	640.6	640.6	640.7	641.0	641.2	641.5	641.7	641.0	640.3
120°	699.8	700.2	700.7	700.9	700.7	700.2	699.8	699.3	698.9	699.1	699.3
122.5°	757.0	757.4	757.9	758.1	758.0	757.8	757.5	757.3	757.1	756.7	756.2
125°	812.9	812.6	812.4	812.3	812.0	811.3	810.6	809.9	809.2	809.7	810.1
127.5°	863.8	864.1	864.3	864.4	864.5	864.7	865.0	865.2	865.4	864.3	863.1
130°	914.5	914.5	914.5	914.5	914.4	914.2	913.9	913.7	913.5	912.8	912.1
132.5°	961.9	962.2	962.4	962.5	962.4	962.2	961.9	961.7	961.5	960.6	959.7
135°	1007.6	1007.1	1006.6	1006.4	1006.2	1005.7	1005.3	1004.8	1004.4	1003.5	1002.6
137.5°	1048.7	1049.0	1049.2	1049.3	1049.1	1048.6	1048.2	1047.7	1047.3	1046.2	1045.0
140°	1089.8	1089.5	1089.3	1089.2	1088.9	1088.2	1087.5	1086.8	1086.1	1085.7	1085.2
142.5°	1125.0	1125.0	1125.0	1125.0	1124.8	1124.3	1123.8	1123.4	1122.9	1122.7	1122.5
145°	1159.8	1159.4	1158.9	1158.7	1158.6	1158.4	1158.1	1157.9	1157.7	1157.7	1157.7
147.5°	1189.9	1189.7	1189.4	1189.3	1189.2	1189.0	1188.7	1188.5	1188.3	1188.5	1188.7
150°	1218.5	1218.3	1218.0	1217.9	1217.9	1217.9	1217.9	1217.9	1217.9	1218.1	1218.4
152.5°	1243.9	1244.2	1244.4	1244.5	1244.3	1243.8	1243.4	1242.9	1242.5	1242.9	1243.4
155°	1266.3	1267.0	1267.7	1268.0	1267.5	1266.6	1265.7	1264.8	1263.9	1264.6	1265.3
157.5°	1285.6	1286.7	1287.8	1288.4	1287.8	1286.7	1285.6	1284.4	1283.3	1284.2	1285.1
160°	1304.5	1305.8	1307.2	1307.9	1307.2	1305.8	1304.5	1303.1	1301.7	1301.9	1302.1
162.5°	1319.2	1320.8	1322.4	1323.2	1322.5	1321.2	1319.8	1318.5	1317.1	1317.3	1317.5
165°	1333.4	1335.4	1337.5	1338.5	1337.6	1335.8	1333.9	1332.1	1330.3	1330.3	1330.3
167.5°	1344.0	1346.3	1348.6	1349.7	1348.7	1346.7	1344.6	1342.6	1340.6	1340.8	1341.0
170°	1353.2	1355.5	1357.8	1358.9	1358.0	1356.2	1354.4	1352.6	1350.8	1350.6	1350.3
172.5°	1358.8	1361.3	1363.8	1365.1	1364.2	1362.4	1360.5	1358.7	1356.9	1356.7	1356.5
175°	1363.4	1366.1	1368.8	1370.2	1369.2	1367.1	1365.1	1363.0	1361.0	1360.8	1360.6
177.5°	1365.4	1368.1	1370.8	1372.2	1371.3	1369.5	1367.7	1365.9	1364.1	1363.6	1363.2
180°	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8
2.5°	2025.7	2017.7	2013.0	2011.4	1997.1	1989.1	1984.3	1981.1	1976.4	1963.6	1952.5
5°	2102.1	2079.8	2068.7	2055.9	2033.7	2008.2	1987.5	1974.8	1958.9	1933.4	1909.5
7.5°	2173.7	2140.3	2118.0	2100.5	2062.3	2020.9	1987.5	1960.5	1930.2	1895.2	1861.8
10°	2248.5	2194.4	2165.7	2138.7	2083.0	2028.9	1981.1	1941.4	1898.4	1852.2	1815.6
12.5°	2307.4	2235.7	2203.9	2165.7	2097.3	2033.7	1973.2	1919.1	1863.4	1814.1	1761.5
15°	2375.8	2286.7	2250.1	2200.7	2106.9	2024.1	1946.1	1887.3	1830.0	1756.8	1701.1
17.5°	2415.6	2312.1	2259.6	2216.6	2114.8	2014.6	1923.9	1850.7	1783.8	1710.6	1651.7
20°	2455.3	2337.6	2278.7	2218.2	2097.3	1990.7	1895.2	1807.7	1737.7	1658.1	1597.6
22.5°	2468.1	2331.2	2269.2	2213.5	2086.2	1966.8	1857.0	1767.9	1686.8	1607.2	1538.8
25°	2468.1	2329.6	2256.4	2184.8	2051.2	1928.6	1818.8	1721.8	1631.1	1551.5	1483.1
27.5°	2442.6	2297.8	2221.4	2156.2	2017.7	1885.7	1772.7	1666.1	1578.5	1499.0	1421.0
30°	2410.8	2251.7	2175.3	2097.3	1963.6	1837.9	1715.4	1616.7	1524.4	1433.7	1363.7
32.5°	2371.0	2202.3	2118.0	2038.4	1896.8	1766.3	1653.3	1556.3	1468.7	1374.9	1296.9
35°	2313.7	2129.1	2035.2	1965.2	1828.4	1693.1	1584.9	1489.4	1405.1	1308.0	1223.7
37.5°	2240.5	2062.3	1966.8	1880.9	1739.3	1615.1	1513.3	1421.0	1338.3	1249.2	1155.3
40°	2154.6	1968.4	1885.7	1795.0	1645.4	1527.6	1432.1	1349.4	1266.7	1182.3	1091.6
42.5°	2057.5	1872.9	1780.6	1693.1	1549.9	1433.7	1344.6	1269.8	1193.5	1115.5	1018.4
45°	1941.4	1767.9	1678.8	1596.1	1457.6	1338.3	1257.1	1185.5	1120.3	1040.7	954.8
47.5°	1810.9	1659.7	1569.0	1479.9	1344.6	1241.2	1161.6	1101.2	1045.5	965.9	887.9
50°	1683.6	1534.0	1460.8	1370.1	1246.0	1148.9	1067.7	1016.8	973.9	895.9	825.9
52.5°	1522.9	1409.9	1339.9	1261.9	1142.5	1043.9	980.2	935.7	884.8	824.3	762.2
55°	1381.2	1276.2	1220.5	1147.3	1029.6	942.0	887.9	846.6	806.8	752.7	703.3
57.5°	1220.5	1155.3	1099.6	1035.9	919.8	845.0	797.2	762.2	725.6	681.1	641.3
60°	1051.8	1021.6	967.5	916.6	817.9	752.7	712.9	681.1	646.1	609.5	576.0
62.5°	902.3	884.8	852.9	813.1	720.8	665.2	625.4	601.5	576.0	542.6	510.8
65°	760.6	752.7	722.4	693.8	630.1	580.8	545.8	531.5	502.8	477.4	448.7
67.5°	634.9	625.4	607.9	595.1	541.0	494.9	477.4	458.3	434.4	415.3	391.5
70°	507.6	506.0	494.9	479.0	450.3	416.9	399.4	386.7	362.8	348.5	331.0
72.5°	394.6	402.6	393.0	386.7	367.6	343.7	327.8	319.8	300.8	289.6	276.9
75°	294.4	300.8	305.5	294.4	289.6	278.5	264.2	256.2	246.6	230.7	226.0
77.5°	200.5	214.8	214.8	218.0	219.6	213.2	202.1	195.7	184.6	181.4	175.0
80°	132.1	144.8	146.4	149.6	154.4	154.4	146.4	144.8	133.7	132.1	127.3
82.5°	76.4	87.5	93.9	98.7	97.1	103.4	97.1	95.5	89.1	89.1	85.9
85°	41.4	43.0	46.1	49.3	52.5	55.7	55.7	54.1	52.5	50.9	47.7
87.5°	15.9	15.9	17.5	15.9	17.5	20.7	22.3	22.3	20.7	19.1	15.9
90°	17.0	15.2	14.3	13.1	10.6	8.1	5.6	3.1	5.6	8.1	10.6
92.5°	16.0	14.2	13.3	13.5	14.0	14.4	14.9	15.3	14.9	14.4	14.0
95°	21.8	21.6	21.5	25.4	33.1	40.8	48.5	56.2	48.5	40.8	33.1
97.5°	94.0	117.9	129.8	127.3	122.3	117.3	112.3	107.3	112.3	117.3	122.3
100°	139.0	170.3	186.0	184.0	179.9	175.8	171.7	167.6	171.7	175.8	179.9
102.5°	251.4	248.7	247.3	245.9	243.2	240.5	237.7	235.0	237.7	240.5	243.2
105°	315.4	314.3	313.7	313.0	311.7	310.3	309.0	307.6	309.0	310.3	311.7
107.5°	379.4	377.8	377.0	376.7	376.0	375.3	374.7	374.0	374.7	375.3	376.0
110°	446.5	445.2	444.5	444.2	443.5	442.8	442.1	441.4	442.1	442.8	443.5

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	513.6	513.1	512.9	512.2	510.9	509.5	508.2	506.8	508.2	509.5	510.9
115°	577.0	577.2	577.3	577.0	576.3	575.6	574.9	574.2	574.9	575.6	576.3
117.5°	639.6	638.9	638.6	638.1	637.2	636.3	635.4	634.5	635.4	636.3	637.2
120°	699.6	699.8	699.9	699.4	698.5	697.6	696.7	695.8	696.7	697.6	698.5
122.5°	755.8	755.3	755.1	754.9	754.4	753.9	753.5	753.0	753.5	753.9	754.4
125°	810.6	811.1	811.3	810.8	809.9	809.0	808.1	807.2	808.1	809.0	809.9
127.5°	862.0	860.9	860.3	860.2	860.0	859.7	859.5	859.3	859.5	859.7	860.0
130°	911.4	910.7	910.4	910.3	910.1	909.8	909.6	909.4	909.6	909.8	910.1
132.5°	958.8	957.9	957.4	957.2	956.7	956.2	955.8	955.3	955.8	956.2	956.7
135°	1001.7	1000.8	1000.3	1000.4	1000.6	1000.9	1001.1	1001.3	1001.1	1000.9	1000.6
137.5°	1043.9	1042.8	1042.2	1042.2	1042.2	1042.2	1042.2	1042.2	1042.2	1042.2	1042.2
140°	1084.8	1084.3	1084.1	1083.9	1083.4	1082.9	1082.5	1082.0	1082.5	1082.9	1083.4
142.5°	1122.2	1122.0	1121.9	1121.4	1120.5	1119.6	1118.7	1117.8	1118.7	1119.6	1120.5
145°	1157.7	1157.7	1157.7	1157.4	1156.7	1156.0	1155.3	1154.6	1155.3	1156.0	1156.7
147.5°	1189.0	1189.2	1189.3	1188.6	1187.3	1185.9	1184.6	1183.2	1184.6	1185.9	1187.3
150°	1218.6	1218.9	1219.0	1218.5	1217.6	1216.7	1215.8	1214.9	1215.8	1216.7	1217.6
152.5°	1243.8	1244.3	1244.5	1244.2	1243.5	1242.8	1242.1	1241.4	1242.1	1242.8	1243.5
155°	1266.0	1266.7	1267.0	1266.9	1266.7	1266.4	1266.2	1266.0	1266.2	1266.4	1266.7
157.5°	1286.0	1286.9	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4
160°	1302.4	1302.6	1302.7	1303.0	1303.7	1304.4	1305.1	1305.8	1305.1	1304.4	1303.7
162.5°	1317.8	1318.0	1318.1	1318.6	1319.5	1320.4	1321.3	1322.2	1321.3	1320.4	1319.5
165°	1330.3	1330.3	1330.3	1330.9	1332.0	1333.1	1334.3	1335.4	1334.3	1333.1	1332.0
167.5°	1341.3	1341.5	1341.6	1342.2	1343.3	1344.4	1345.6	1346.7	1345.6	1344.4	1343.3
170°	1350.1	1349.8	1349.7	1350.4	1351.8	1353.1	1354.5	1355.9	1354.5	1353.1	1351.8
172.5°	1356.2	1356.0	1355.9	1356.6	1357.9	1359.3	1360.6	1362.0	1360.6	1359.3	1357.9
175°	1360.3	1360.1	1360.0	1360.7	1362.0	1363.4	1364.7	1366.1	1364.7	1363.4	1362.0
177.5°	1362.7	1362.2	1362.0	1362.8	1364.4	1366.0	1367.6	1369.2	1367.6	1366.0	1364.4
180°	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8
2.5°	1942.9	1939.8	1936.6	1923.9	1912.7	1893.6	1877.7	1871.3	1869.8	1871.3	1866.6
5°	1887.3	1885.7	1874.5	1852.2	1831.6	1809.3	1793.4	1777.5	1767.9	1767.9	1756.8
7.5°	1834.7	1823.6	1814.1	1785.4	1761.5	1731.3	1707.4	1693.1	1685.2	1667.7	1667.7
10°	1779.0	1763.1	1750.4	1723.4	1688.3	1658.1	1627.9	1610.4	1596.1	1583.3	1578.5
12.5°	1723.4	1710.6	1686.8	1658.1	1623.1	1584.9	1553.1	1540.4	1506.9	1479.9	1481.5
15°	1670.8	1642.2	1631.1	1589.7	1548.3	1511.7	1465.6	1429.0	1401.9	1384.4	1362.1
17.5°	1612.0	1583.3	1562.6	1527.6	1473.5	1416.2	1371.7	1322.4	1295.3	1265.1	1250.7
20°	1546.7	1522.9	1506.9	1451.2	1386.0	1317.6	1268.2	1238.0	1207.8	1185.5	1172.8
22.5°	1491.0	1460.8	1441.7	1366.9	1295.3	1226.9	1188.7	1163.2	1137.8	1118.7	1112.3
25°	1419.4	1401.9	1355.8	1290.5	1203.0	1156.9	1123.4	1090.0	1075.7	1063.0	1048.7
27.5°	1360.5	1317.6	1285.8	1199.8	1145.7	1093.2	1059.8	1034.3	1016.8	1004.1	993.0
30°	1287.3	1247.6	1203.0	1131.4	1082.1	1032.7	1002.5	981.8	962.7	954.8	945.2
32.5°	1211.0	1174.4	1131.4	1074.1	1013.6	975.5	951.6	929.3	916.6	908.6	897.5
35°	1142.5	1096.4	1067.7	1013.6	964.3	921.3	899.1	880.0	865.7	862.5	860.9
37.5°	1069.3	1034.3	1007.3	951.6	910.2	873.6	852.9	832.2	824.3	822.7	816.3
40°	1005.7	975.5	950.0	897.5	852.9	819.5	803.6	790.9	782.9	782.9	781.3
42.5°	950.0	918.2	892.7	845.0	805.2	775.0	757.4	744.7	741.5	743.1	741.5
45°	887.9	860.9	835.4	786.1	752.7	730.4	711.3	704.9	700.2	701.8	703.3
47.5°	829.1	806.8	781.3	741.5	703.3	679.5	668.3	662.0	662.0	662.0	665.2
50°	776.5	751.1	728.8	687.4	652.4	633.3	623.8	615.8	617.4	619.0	620.6
52.5°	714.5	692.2	676.3	634.9	609.5	585.6	574.5	576.0	574.5	574.5	577.6
55°	660.4	638.1	622.2	584.0	558.5	542.6	533.1	528.3	529.9	526.7	533.1
57.5°	599.9	580.8	569.7	533.1	510.8	496.5	488.5	480.6	483.7	482.2	480.6
60°	547.4	525.1	507.6	482.2	463.1	445.6	440.8	432.8	436.0	432.8	431.2
62.5°	486.9	469.4	456.7	431.2	415.3	401.0	389.9	385.1	383.5	378.7	374.0
65°	426.5	416.9	404.2	378.7	362.8	351.7	345.3	340.5	338.9	326.2	311.9
67.5°	370.8	364.4	351.7	332.6	318.3	307.1	297.6	289.6	280.1	270.5	262.6
70°	318.3	308.7	300.8	283.2	270.5	259.4	249.8	240.3	235.5	226.0	222.8
72.5°	267.3	257.8	249.8	233.9	222.8	211.6	208.5	197.3	192.5	191.0	191.0
75°	214.8	206.9	202.1	187.8	178.2	170.3	165.5	162.3	159.1	155.9	151.2
77.5°	163.9	159.1	155.9	146.4	138.4	133.7	132.1	120.9	117.8	114.6	111.4
80°	119.3	117.8	114.6	106.6	103.4	92.3	92.3	89.1	87.5	87.5	87.5
82.5°	81.2	78.0	76.4	68.4	66.8	65.2	63.7	62.1	63.7	62.1	63.7
85°	43.0	41.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	38.2	39.8
87.5°	15.9	15.9	15.9	15.9	14.3	15.9	15.9	14.3	15.9	15.9	15.9
90°	13.1	14.3	15.2	17.0	18.9	20.7	22.5	23.9	25.2	26.6	27.9
92.5°	13.5	13.3	14.2	16.0	17.9	19.7	21.5	22.9	24.2	25.6	26.9
95°	25.4	21.5	21.6	21.8	22.1	22.3	22.5	23.9	25.2	26.6	27.9
97.5°	127.3	129.8	117.9	94.0	70.2	46.3	22.5	23.6	24.8	25.9	27.0
100°	184.0	186.0	170.3	139.0	107.7	76.3	45.0	41.1	37.3	33.4	29.5
102.5°	245.9	247.3	248.7	251.4	254.1	256.8	259.5	208.4	157.3	106.2	55.1
105°	313.0	313.7	314.3	315.4	316.5	317.7	318.8	320.8	322.9	324.9	327.0
107.5°	376.7	377.0	377.8	379.4	381.0	382.6	384.2	385.3	386.5	387.6	388.7
110°	444.2	444.5	445.2	446.5	447.9	449.2	450.6	451.0	451.5	451.9	452.4

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	512.2	512.9	513.1	513.6	514.1	514.5	515.0	514.8	514.5	514.3	514.0
115°	577.0	577.3	577.2	577.0	576.7	576.5	576.3	576.7	577.2	577.6	578.1
117.5°	638.1	638.6	638.9	639.6	640.3	641.0	641.7	641.5	641.2	641.0	640.7
120°	699.4	699.9	699.8	699.6	699.3	699.1	698.9	699.3	699.8	700.2	700.7
122.5°	754.9	755.1	755.3	755.8	756.2	756.7	757.1	757.3	757.5	757.8	758.0
125°	810.8	811.3	811.1	810.6	810.1	809.7	809.2	809.9	810.6	811.3	812.0
127.5°	860.2	860.3	860.9	862.0	863.1	864.3	865.4	865.2	865.0	864.7	864.5
130°	910.3	910.4	910.7	911.4	912.1	912.8	913.5	913.7	913.9	914.2	914.4
132.5°	957.2	957.4	957.9	958.8	959.7	960.6	961.5	961.7	961.9	962.2	962.4
135°	1000.4	1000.3	1000.8	1001.7	1002.6	1003.5	1004.4	1004.8	1005.3	1005.7	1006.2
137.5°	1042.2	1042.2	1042.8	1043.9	1045.0	1046.2	1047.3	1047.7	1048.2	1048.6	1049.1
140°	1083.9	1084.1	1084.3	1084.8	1085.2	1085.7	1086.1	1086.8	1087.5	1088.2	1088.9
142.5°	1121.4	1121.9	1122.0	1122.2	1122.5	1122.7	1122.9	1123.4	1123.8	1124.3	1124.8
145°	1157.4	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.9	1158.1	1158.4	1158.6
147.5°	1188.6	1189.3	1189.2	1189.0	1188.7	1188.5	1188.3	1188.5	1188.7	1189.0	1189.2
150°	1218.5	1219.0	1218.9	1218.6	1218.4	1218.1	1217.9	1217.9	1217.9	1217.9	1217.9
152.5°	1244.2	1244.5	1244.3	1243.8	1243.4	1242.9	1242.5	1242.9	1243.4	1243.8	1244.3
155°	1266.9	1267.0	1266.7	1266.0	1265.3	1264.6	1263.9	1264.8	1265.7	1266.6	1267.5
157.5°	1287.4	1287.4	1286.9	1286.0	1285.1	1284.2	1283.3	1284.4	1285.6	1286.7	1287.8
160°	1303.0	1302.7	1302.6	1302.4	1302.1	1301.9	1301.7	1303.1	1304.5	1305.8	1307.2
162.5°	1318.6	1318.1	1318.0	1317.8	1317.5	1317.3	1317.1	1318.5	1319.8	1321.2	1322.5
165°	1330.9	1330.3	1330.3	1330.3	1330.3	1330.3	1330.3	1332.1	1333.9	1335.8	1337.6
167.5°	1342.2	1341.6	1341.5	1341.3	1341.0	1340.8	1340.6	1342.6	1344.6	1346.7	1348.7
170°	1350.4	1349.7	1349.8	1350.1	1350.3	1350.6	1350.8	1352.6	1354.4	1356.2	1358.0
172.5°	1356.6	1355.9	1356.0	1356.2	1356.5	1356.7	1356.9	1358.7	1360.5	1362.4	1364.2
175°	1360.7	1360.0	1360.1	1360.3	1360.6	1360.8	1361.0	1363.0	1365.1	1367.1	1369.2
177.5°	1362.8	1362.0	1362.2	1362.7	1363.2	1363.6	1364.1	1365.9	1367.7	1369.5	1371.3
180°	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8
2.5°	1866.6	1872.9	1865.0	1869.8	1858.6	1857.0	1858.6	1858.6	1860.2	1861.8	1863.4
5°	1761.5	1760.0	1750.4	1744.0	1739.3	1744.0	1747.2	1750.4	1747.2	1750.4	1752.0
7.5°	1662.9	1658.1	1653.3	1642.2	1645.4	1642.2	1651.7	1647.0	1647.0	1654.9	1661.3
10°	1575.4	1565.8	1562.6	1549.9	1540.4	1538.8	1549.9	1554.7	1559.5	1562.6	1575.4
12.5°	1462.4	1448.1	1436.9	1441.7	1414.6	1425.8	1429.0	1422.6	1441.7	1464.0	1451.2
15°	1341.4	1343.0	1320.8	1312.8	1290.5	1296.9	1298.5	1314.4	1330.3	1328.7	1347.8
17.5°	1252.3	1242.8	1223.7	1222.1	1212.6	1217.3	1215.7	1228.5	1223.7	1231.6	1247.6
20°	1169.6	1163.2	1147.3	1140.9	1144.1	1140.9	1142.5	1144.1	1148.9	1166.4	1163.2
22.5°	1104.3	1096.4	1096.4	1088.4	1078.9	1075.7	1083.7	1088.4	1094.8	1098.0	1105.9
25°	1047.1	1040.7	1032.7	1028.0	1020.0	1021.6	1026.4	1032.7	1037.5	1043.9	1050.2
27.5°	988.2	988.2	980.2	978.6	975.5	973.9	980.2	983.4	983.4	988.2	994.5
30°	942.0	942.0	934.1	932.5	930.9	930.9	935.7	937.3	938.9	943.6	946.8
32.5°	897.5	895.9	892.7	894.3	892.7	894.3	894.3	895.9	899.1	900.7	907.0
35°	856.1	857.7	854.5	854.5	852.9	854.5	857.7	859.3	860.9	864.1	864.1
37.5°	816.3	819.5	817.9	822.7	822.7	822.7	822.7	825.9	825.9	825.9	824.3
40°	781.3	781.3	779.7	782.9	786.1	786.1	787.7	787.7	789.3	789.3	787.7
42.5°	741.5	744.7	749.5	751.1	754.3	752.7	757.4	755.9	757.4	754.3	751.1
45°	704.9	704.9	711.3	717.7	719.3	719.3	719.3	722.4	719.3	714.5	712.9
47.5°	665.2	668.3	671.5	679.5	681.1	681.1	681.1	681.1	677.9	677.9	677.9
50°	625.4	627.0	628.6	631.7	636.5	634.9	634.9	634.9	641.3	634.9	636.5
52.5°	577.6	579.2	580.8	587.2	585.6	585.6	587.2	587.2	592.0	590.4	587.2
55°	529.9	529.9	533.1	533.1	533.1	536.3	537.9	541.0	539.4	541.0	542.6
57.5°	482.2	479.0	477.4	477.4	482.2	480.6	482.2	482.2	488.5	491.7	493.3
60°	426.5	426.5	424.9	415.3	415.3	413.7	418.5	421.7	424.9	439.2	437.6
62.5°	369.2	362.8	356.4	358.0	348.5	353.3	350.1	353.3	362.8	374.0	375.5
65°	311.9	307.1	300.8	299.2	296.0	300.8	299.2	300.8	305.5	311.9	319.8
67.5°	261.0	259.4	256.2	254.6	254.6	254.6	257.8	257.8	259.4	264.2	268.9
70°	222.8	221.2	222.8	219.6	221.2	219.6	221.2	222.8	224.4	226.0	230.7
72.5°	187.8	187.8	187.8	184.6	187.8	186.2	186.2	187.8	189.4	191.0	194.1
75°	149.6	146.4	143.2	140.0	138.4	141.6	143.2	141.6	146.4	152.8	152.8
77.5°	113.0	111.4	111.4	111.4	113.0	111.4	114.6	113.0	114.6	114.6	117.8
80°	87.5	85.9	87.5	87.5	85.9	89.1	87.5	87.5	89.1	90.7	89.1
82.5°	63.7	65.2	63.7	63.7	63.7	66.8	63.7	63.7	63.7	65.2	65.2
85°	39.8	39.8	39.8	39.8	41.4	39.8	41.4	39.8	43.0	41.4	41.4
87.5°	14.3	15.9	17.5	17.5	17.5	17.5	15.9	17.5	19.1	17.5	19.1
90°	28.6	28.8	29.3	29.8	30.2	30.7	30.2	29.8	29.3	28.8	28.6
92.5°	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
95°	28.6	28.7	28.9	29.2	29.4	29.6	29.4	29.2	28.9	28.7	28.6
97.5°	27.6	27.7	27.9	28.2	28.4	28.6	28.4	28.2	27.9	27.7	27.6
100°	27.6	27.7	27.9	28.2	28.4	28.6	28.4	28.2	27.9	27.7	27.6
102.5°	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
105°	328.0	323.9	315.7	307.6	299.4	291.2	299.4	307.6	315.7	323.9	328.0
107.5°	389.3	389.8	390.7	391.6	392.5	393.4	392.5	391.6	390.7	389.8	389.3
110°	452.6	452.9	453.6	454.3	455.0	455.7	455.0	454.3	453.6	452.9	452.6

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	513.9	514.4	515.3	516.2	517.1	518.0	517.1	516.2	515.3	514.4	513.9
115°	578.3	578.3	578.3	578.3	578.3	578.3	578.3	578.3	578.3	578.3	578.3
117.5°	640.6	640.6	640.6	640.6	640.6	640.6	640.6	640.6	640.6	640.6	640.6
120°	700.9	700.7	700.2	699.8	699.3	698.9	699.3	699.8	700.2	700.7	700.9
122.5°	758.1	757.9	757.4	757.0	756.5	756.1	756.5	757.0	757.4	757.9	758.1
125°	812.3	812.4	812.6	812.9	813.1	813.3	813.1	812.9	812.6	812.4	812.3
127.5°	864.4	864.3	864.1	863.8	863.6	863.4	863.6	863.8	864.1	864.3	864.4
130°	914.5	914.5	914.5	914.5	914.5	914.5	914.5	914.5	914.5	914.5	914.5
132.5°	962.5	962.4	962.2	961.9	961.7	961.5	961.7	961.9	962.2	962.4	962.5
135°	1006.4	1006.6	1007.1	1007.6	1008.0	1008.5	1008.0	1007.6	1007.1	1006.6	1006.4
137.5°	1049.3	1049.2	1049.0	1048.7	1048.5	1048.3	1048.5	1048.7	1049.0	1049.2	1049.3
140°	1089.2	1089.3	1089.5	1089.8	1090.0	1090.2	1090.0	1089.8	1089.5	1089.3	1089.2
142.5°	1125.0	1125.0	1125.0	1125.0	1125.0	1125.0	1125.0	1125.0	1125.0	1125.0	1125.0
145°	1158.7	1158.9	1159.4	1159.8	1160.3	1160.7	1160.3	1159.8	1159.4	1158.9	1158.7
147.5°	1189.3	1189.4	1189.7	1189.9	1190.2	1190.4	1190.2	1189.9	1189.7	1189.4	1189.3
150°	1217.9	1218.0	1218.3	1218.5	1218.8	1219.0	1218.8	1218.5	1218.3	1218.0	1217.9
152.5°	1244.5	1244.4	1244.2	1243.9	1243.7	1243.5	1243.7	1243.9	1244.2	1244.4	1244.5
155°	1268.0	1267.7	1267.0	1266.3	1265.6	1264.9	1265.6	1266.3	1267.0	1267.7	1268.0
157.5°	1288.4	1287.8	1286.7	1285.6	1284.4	1283.3	1284.4	1285.6	1286.7	1287.8	1288.4
160°	1307.9	1307.2	1305.8	1304.5	1303.1	1301.7	1303.1	1304.5	1305.8	1307.2	1307.9
162.5°	1323.2	1322.4	1320.8	1319.2	1317.6	1316.0	1317.6	1319.2	1320.8	1322.4	1323.2
165°	1338.5	1337.5	1335.4	1333.4	1331.3	1329.3	1331.3	1333.4	1335.4	1337.5	1338.5
167.5°	1349.7	1348.6	1346.3	1344.0	1341.8	1339.5	1341.8	1344.0	1346.3	1348.6	1349.7
170°	1358.9	1357.8	1355.5	1353.2	1351.0	1348.7	1351.0	1353.2	1355.5	1357.8	1358.9
172.5°	1365.1	1363.8	1361.3	1358.8	1356.3	1353.8	1356.3	1358.8	1361.3	1363.8	1365.1
175°	1370.2	1368.8	1366.1	1363.4	1360.6	1357.9	1360.6	1363.4	1366.1	1368.8	1370.2
177.5°	1372.2	1370.8	1368.1	1365.4	1362.7	1360.0	1362.7	1365.4	1368.1	1370.8	1372.2
180°	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8	1974.8
2.5°	1869.8	1877.7	1874.5	1863.4	1868.2	1877.7	1887.3	1900.0	1907.9	1914.3	1917.5
5°	1760.0	1774.3	1771.1	1771.1	1777.5	1793.4	1809.3	1836.3	1845.9	1857.0	1872.9
7.5°	1662.9	1674.0	1683.6	1686.8	1696.3	1717.0	1737.7	1767.9	1791.8	1804.5	1814.1
10°	1577.0	1584.9	1599.2	1607.2	1616.7	1642.2	1672.4	1704.3	1728.1	1750.4	1763.1
12.5°	1467.2	1499.0	1518.1	1530.8	1543.5	1581.7	1605.6	1640.6	1669.2	1689.9	1709.0
15°	1344.6	1382.8	1394.0	1443.3	1475.1	1505.3	1541.9	1583.3	1610.4	1634.2	1659.7
17.5°	1241.2	1268.2	1281.0	1333.5	1360.5	1408.3	1460.8	1513.3	1554.7	1572.2	1597.6
20°	1176.0	1190.3	1215.7	1233.2	1261.9	1317.6	1374.9	1438.5	1500.6	1518.1	1543.5
22.5°	1109.1	1128.2	1145.7	1169.6	1191.9	1230.1	1287.3	1357.4	1424.2	1456.0	1486.3
25°	1048.7	1067.7	1078.9	1104.3	1125.0	1163.2	1203.0	1274.6	1354.2	1381.2	1429.0
27.5°	1000.9	1012.1	1031.1	1042.3	1066.2	1101.2	1137.8	1191.9	1269.8	1316.0	1362.1
30°	953.2	961.1	977.0	993.0	1010.5	1034.3	1075.7	1128.2	1199.8	1239.6	1285.8
32.5°	905.4	918.2	927.7	938.9	957.9	986.6	1015.2	1066.2	1123.4	1168.0	1214.1
35°	865.7	870.4	883.2	895.9	908.6	934.1	964.3	1013.6	1064.6	1099.6	1140.9
37.5°	822.7	830.6	840.2	845.0	865.7	881.6	913.4	951.6	1012.1	1034.3	1075.7
40°	789.3	787.7	797.2	805.2	814.7	840.2	859.3	900.7	948.4	983.4	1008.9
42.5°	747.9	747.9	751.1	760.6	773.4	789.3	811.6	846.6	895.9	921.3	951.6
45°	714.5	709.7	711.3	717.7	725.6	741.5	763.8	794.0	843.4	864.1	895.9
47.5°	674.7	669.9	669.9	676.3	682.7	693.8	711.3	746.3	786.1	813.1	837.0
50°	630.1	631.7	630.1	634.9	638.1	649.2	668.3	697.0	733.6	755.9	782.9
52.5°	588.8	585.6	584.0	587.2	593.5	601.5	622.2	647.6	682.7	704.9	728.8
55°	537.9	541.0	541.0	541.0	550.6	553.8	569.7	595.1	630.1	647.6	669.9
57.5°	491.7	490.1	493.3	491.7	499.7	510.8	523.5	542.6	577.6	595.1	615.8
60°	440.8	442.4	444.0	444.0	450.3	461.5	475.8	493.3	521.9	539.4	558.5
62.5°	378.7	386.7	394.6	397.8	407.4	415.3	424.9	444.0	469.4	482.2	499.7
65°	319.8	331.0	342.1	350.1	356.4	364.4	377.1	394.6	415.3	428.1	445.6
67.5°	268.9	276.9	291.2	299.2	311.9	321.4	329.4	343.7	369.2	374.0	388.3
70°	232.3	235.5	241.9	248.2	262.6	270.5	280.1	294.4	313.5	324.6	332.6
72.5°	195.7	197.3	200.5	206.9	213.2	222.8	233.9	246.6	264.2	268.9	280.1
75°	155.9	165.5	165.5	170.3	175.0	179.8	189.4	202.1	213.2	221.2	227.6
77.5°	116.2	120.9	124.1	132.1	138.4	143.2	149.6	159.1	165.5	171.9	176.6
80°	90.7	92.3	93.9	93.9	97.1	103.4	109.8	116.2	124.1	127.3	132.1
82.5°	66.8	66.8	66.8	70.0	71.6	73.2	73.2	76.4	84.3	87.5	92.3
85°	43.0	43.0	43.0	43.0	44.6	46.1	47.7	49.3	49.3	49.3	52.5
87.5°	17.5	20.7	19.1	20.7	20.7	20.7	20.7	22.3	22.3	23.9	23.9
90°	27.9	26.6	25.2	23.9	22.5	20.7	18.9	17.0	15.2	14.3	13.1
92.5°	26.9	25.6	24.2	22.9	21.5	19.7	17.9	16.0	14.2	13.3	13.5
95°	27.9	26.6	25.2	23.9	22.5	22.3	22.1	21.8	21.6	21.5	25.4
97.5°	27.0	25.9	24.8	23.6	22.5	46.3	70.2	94.0	117.9	129.8	127.3
100°	29.5	33.4	37.3	41.1	45.0	76.3	107.7	139.0	170.3	186.0	184.0
102.5°	55.1	106.2	157.3	208.4	259.5	256.8	254.1	251.4	248.7	247.3	245.9
105°	327.0	324.9	322.9	320.8	318.8	317.7	316.5	315.4	314.3	313.7	313.0
107.5°	388.7	387.6	386.5	385.3	384.2	382.6	381.0	379.4	377.8	377.0	376.7
110°	452.4	451.9	451.5	451.0	450.6	449.2	447.9	446.5	445.2	444.5	444.2

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	514.0	514.3	514.5	514.8	515.0	514.5	514.1	513.6	513.1	512.9	512.2
115°	578.1	577.6	577.2	576.7	576.3	576.5	576.7	577.0	577.2	577.3	577.0
117.5°	640.7	641.0	641.2	641.5	641.7	641.0	640.3	639.6	638.9	638.6	638.1
120°	700.7	700.2	699.8	699.3	698.9	699.1	699.3	699.6	699.8	699.9	699.4
122.5°	758.0	757.8	757.5	757.3	757.1	756.7	756.2	755.8	755.3	755.1	754.9
125°	812.0	811.3	810.6	809.9	809.2	809.7	810.1	810.6	811.1	811.3	810.8
127.5°	864.5	864.7	865.0	865.2	865.4	864.3	863.1	862.0	860.9	860.3	860.2
130°	914.4	914.2	913.9	913.7	913.5	912.8	912.1	911.4	910.7	910.4	910.3
132.5°	962.4	962.2	961.9	961.7	961.5	960.6	959.7	958.8	957.9	957.4	957.2
135°	1006.2	1005.7	1005.3	1004.8	1004.4	1003.5	1002.6	1001.7	1000.8	1000.3	1000.4
137.5°	1049.1	1048.6	1048.2	1047.7	1047.3	1046.2	1045.0	1043.9	1042.8	1042.2	1042.2
140°	1088.9	1088.2	1087.5	1086.8	1086.1	1085.7	1085.2	1084.8	1084.3	1084.1	1083.9
142.5°	1124.8	1124.3	1123.8	1123.4	1122.9	1122.7	1122.5	1122.2	1122.0	1121.9	1121.4
145°	1158.6	1158.4	1158.1	1157.9	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.4
147.5°	1189.2	1189.0	1188.7	1188.5	1188.3	1188.5	1188.7	1189.0	1189.2	1189.3	1188.6
150°	1217.9	1217.9	1217.9	1217.9	1217.9	1218.1	1218.4	1218.6	1218.9	1219.0	1218.5
152.5°	1244.3	1243.8	1243.4	1242.9	1242.5	1242.9	1243.4	1243.8	1244.3	1244.5	1244.2
155°	1267.5	1266.6	1265.7	1264.8	1263.9	1264.6	1265.3	1266.0	1266.7	1267.0	1266.9
157.5°	1287.8	1286.7	1285.6	1284.4	1283.3	1284.2	1285.1	1286.0	1286.9	1287.4	1287.4
160°	1307.2	1305.8	1304.5	1303.1	1301.7	1301.9	1302.1	1302.4	1302.6	1302.7	1303.0
162.5°	1322.5	1321.2	1319.8	1318.5	1317.1	1317.3	1317.5	1317.8	1318.0	1318.1	1318.6
165°	1337.6	1335.8	1333.9	1332.1	1330.3	1330.3	1330.3	1330.3	1330.3	1330.3	1330.9
167.5°	1348.7	1346.7	1344.6	1342.6	1340.6	1340.8	1341.0	1341.3	1341.5	1341.6	1342.2
170°	1358.0	1356.2	1354.4	1352.6	1350.8	1350.6	1350.3	1350.1	1349.8	1349.7	1350.4
172.5°	1364.2	1362.4	1360.5	1358.7	1356.9	1356.7	1356.5	1356.2	1356.0	1355.9	1356.6
175°	1369.2	1367.1	1365.1	1363.0	1361.0	1360.8	1360.6	1360.3	1360.1	1360.0	1360.7
177.5°	1371.3	1369.5	1367.7	1365.9	1364.1	1363.6	1363.2	1362.7	1362.2	1362.0	1362.8
180°	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1	1366.1

TEST NUMBER: P1033934

CATALOG NUMBER: S124RDIW-B1195D1050UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1974.8	1974.8	1974.8	1974.8
2.5°	1930.2	1939.8	1955.7	1978.0
5°	1885.7	1912.7	1938.2	1971.6
7.5°	1845.9	1877.7	1912.7	1960.5
10°	1799.7	1839.5	1884.1	1942.9
12.5°	1745.6	1801.3	1852.2	1915.9
15°	1705.8	1747.2	1812.5	1887.3
17.5°	1650.2	1705.8	1771.1	1855.4
20°	1597.6	1656.5	1729.7	1817.2
22.5°	1541.9	1608.8	1682.0	1775.9
25°	1484.7	1556.3	1629.5	1729.7
27.5°	1432.1	1497.4	1580.1	1682.0
30°	1368.5	1443.3	1522.9	1629.5
32.5°	1306.4	1384.4	1465.6	1572.2
35°	1239.6	1317.6	1406.7	1508.5
37.5°	1174.4	1260.3	1341.4	1440.1
40°	1102.8	1191.9	1276.2	1376.5
42.5°	1032.7	1125.0	1209.4	1295.3
45°	967.5	1058.2	1134.6	1215.7
47.5°	905.4	986.6	1064.6	1137.8
50°	845.0	913.4	985.0	1045.5
52.5°	781.3	846.6	903.8	957.9
55°	724.0	775.0	825.9	875.2
57.5°	655.6	706.5	751.1	789.3
60°	598.3	630.1	673.1	712.9
62.5°	533.1	569.7	603.1	628.6
65°	469.4	501.3	526.7	549.0
67.5°	415.3	434.4	453.5	477.4
70°	350.1	366.0	388.3	405.8
72.5°	294.4	307.1	318.3	338.9
75°	238.7	249.8	256.2	275.3
77.5°	184.6	195.7	200.5	211.6
80°	141.6	143.2	149.6	159.1
82.5°	97.1	100.3	101.8	109.8
85°	55.7	63.7	62.1	65.2
87.5°	23.9	25.5	28.6	31.8
90°	10.6	8.1	5.6	3.1
92.5°	14.0	14.4	14.9	15.3
95°	33.1	40.8	48.5	56.2
97.5°	122.3	117.3	112.3	107.3
100°	179.9	175.8	171.7	167.6
102.5°	243.2	240.5	237.7	235.0
105°	311.7	310.3	309.0	307.6
107.5°	376.0	375.3	374.7	374.0
110°	443.5	442.8	442.1	441.4

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	510.9	509.5	508.2	506.8
115°	576.3	575.6	574.9	574.2
117.5°	637.2	636.3	635.4	634.5
120°	698.5	697.6	696.7	695.8
122.5°	754.4	753.9	753.5	753.0
125°	809.9	809.0	808.1	807.2
127.5°	860.0	859.7	859.5	859.3
130°	910.1	909.8	909.6	909.4
132.5°	956.7	956.2	955.8	955.3
135°	1000.6	1000.9	1001.1	1001.3
137.5°	1042.2	1042.2	1042.2	1042.2
140°	1083.4	1082.9	1082.5	1082.0
142.5°	1120.5	1119.6	1118.7	1117.8
145°	1156.7	1156.0	1155.3	1154.6
147.5°	1187.3	1185.9	1184.6	1183.2
150°	1217.6	1216.7	1215.8	1214.9
152.5°	1243.5	1242.8	1242.1	1241.4
155°	1266.7	1266.4	1266.2	1266.0
157.5°	1287.4	1287.4	1287.4	1287.4
160°	1303.7	1304.4	1305.1	1305.8
162.5°	1319.5	1320.4	1321.3	1322.2
165°	1332.0	1333.1	1334.3	1335.4
167.5°	1343.3	1344.4	1345.6	1346.7
170°	1351.8	1353.1	1354.5	1355.9
172.5°	1357.9	1359.3	1360.6	1362.0
175°	1362.0	1363.4	1364.7	1366.1
177.5°	1364.4	1366.0	1367.6	1369.2
180°	1366.1	1366.1	1366.1	1366.1

(END OF REPORT)