

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: P1033824

Luminaire Tested: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1033824
REPORT IS A COMBINATION OF REPORTS P999819 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A
Description: Define 4 Regressed Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

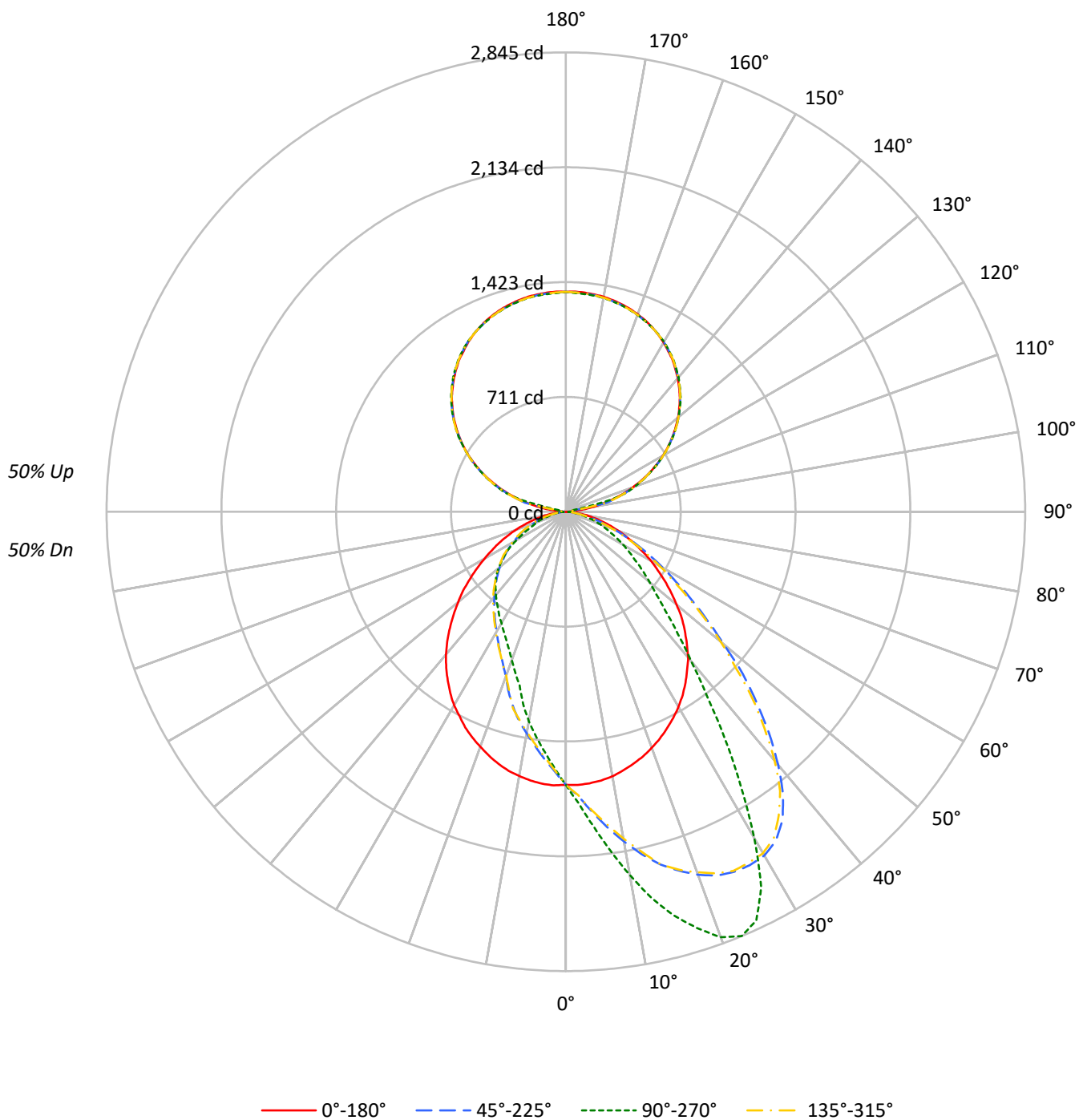
Lumens per Lamp: N/A
Luminaire Lumens: 8491.0 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 78.3
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	84	84	84	69	69	69	56	56	56	56	56	50
1	98	94	90	87	91	87	84	81	74	72	70	62	60	59	51	50	49	49	49	43
2	90	83	77	72	83	77	72	67	65	62	58	55	52	50	45	43	42	42	42	37
3	82	73	66	60	76	68	62	57	58	53	50	49	45	43	40	38	36	36	36	32
4	75	65	57	51	70	60	54	48	52	47	43	44	40	37	36	34	31	31	31	28
5	69	58	50	44	64	54	47	42	47	41	37	39	35	32	33	30	28	28	28	24
6	64	52	44	39	59	49	42	37	42	37	32	36	32	28	30	27	24	24	24	22
7	59	47	39	34	55	44	37	32	38	33	29	33	28	25	27	24	22	22	22	19
8	55	43	35	30	51	40	33	29	35	29	26	30	26	23	25	22	20	20	20	17
9	51	39	32	27	47	37	30	26	32	27	23	28	23	20	23	20	18	18	18	16
10	48	36	29	24	44	34	27	23	30	24	21	26	21	18	22	18	16	16	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13787	13787	13787	13787
5°	13787	15579	13809	11907
10°	13714	17959	13702	10355
15°	13550	20212	13550	8670
20°	13380	21914	13310	7634
25°	13171	22008	13110	6896
30°	12949	18714	12848	6387
35°	12636	14120	12476	6008
40°	12287	10233	12045	5712
45°	11711	7778	11420	5450
50°	11027	6286	10725	5066
55°	10285	5204	9949	4555
60°	9542	4400	9115	3788
65°	8607	3585	8333	3011
70°	7750	2906	7387	2446
75°	6792	2095	6320	1793
80°	5602	1389	5100	1318
85°	4068	715	3369	715

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 17260 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.7	1.9
10°-20°	494.4	5.8
20°-30°	774.4	9.1
30°-40°	860.0	10.1
40°-50°	762.1	9.0
50°-60°	593.9	7.0
60°-70°	388.5	4.6
70°-80°	190.6	2.2
80°-90°	49.2	0.6
90°-100°	45.2	0.5
100°-110°	297.7	3.5
110°-120°	568.5	6.7
120°-130°	721.7	8.5
130°-140°	772.1	9.1
140°-150°	721.9	8.5
150°-160°	582.2	6.9
160°-170°	375.5	4.4
170°-180°	129.4	1.5
0°-30°	1432.6	16.9
0°-40°	2292.5	27.0
0°-60°	3648.5	43.0
0°-90°	4276.8	50.4
90°-120°	911.4	10.7
90°-150°	3127.1	36.8
90°-180°	4214.0	49.6
0°-180°	8491.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1691	1691	1691	1691	1691	
5°	1688	1954	1691	1493	1688	160
15°	1616	2589	1616	1110	1616	456
25°	1481	2792	1474	875	1481	683
35°	1292	1719	1275	732	1292	807
45°	1041	879	1015	616	1041	803
55°	749	524	725	459	749	670
65°	470	306	455	258	470	469
75°	236	142	219	121	236	250
85°	56	34	46	34	56	63
90°	3	31	3	31	3	7
95°	56	30	56	30	56	69
105°	307	290	307	290	307	321
115°	572	576	572	576	572	563
125°	805	811	805	811	805	719
135°	998	1005	998	1005	998	769
145°	1151	1157	1151	1157	1151	719
155°	1262	1261	1262	1261	1262	582
165°	1331	1325	1331	1325	1331	376
175°	1362	1354	1362	1354	1362	130
180°	1362	1362	1362	1362	1362	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1693.5	1708.5	1716.6	1723.4	1737.1	1742.5	1753.4	1756.1	1767.0	1765.7	1761.6
5°	1688.0	1713.9	1733.0	1753.4	1777.9	1791.6	1806.5	1828.3	1839.2	1854.2	1863.8
7.5°	1678.5	1713.9	1745.2	1776.6	1816.1	1837.9	1857.0	1891.0	1919.6	1944.2	1971.4
10°	1663.5	1708.5	1754.8	1797.0	1851.5	1877.4	1906.0	1956.4	1995.9	2030.0	2073.6
12.5°	1640.3	1703.0	1754.8	1812.0	1881.5	1916.9	1955.0	2015.0	2061.3	2117.2	2171.7
15°	1615.8	1685.3	1753.4	1828.3	1907.4	1948.2	1986.4	2066.8	2137.6	2201.6	2261.6
17.5°	1588.6	1664.9	1739.8	1822.9	1918.3	1968.7	2013.6	2110.4	2188.0	2271.1	2331.1
20°	1555.9	1639.0	1724.8	1817.4	1925.1	1980.9	2031.3	2141.7	2227.5	2317.4	2392.4
22.5°	1520.4	1610.4	1704.4	1805.2	1916.9	1978.2	2036.8	2155.3	2254.8	2337.9	2438.7
25°	1480.9	1576.3	1673.0	1779.3	1904.6	1971.4	2031.3	2148.5	2254.8	2363.8	2461.9
27.5°	1440.1	1538.2	1639.0	1750.7	1878.8	1944.2	2012.3	2125.3	2249.3	2367.9	2467.3
30°	1395.1	1490.5	1596.7	1703.0	1839.2	1904.6	1974.1	2096.7	2231.6	2350.1	2457.8
32.5°	1346.1	1444.1	1545.0	1655.3	1788.8	1859.7	1923.7	2062.7	2200.3	2317.4	2418.3
35°	1291.6	1384.2	1479.6	1592.6	1724.8	1788.8	1865.1	2009.5	2148.5	2272.5	2337.9
37.5°	1233.0	1321.5	1410.1	1521.8	1648.5	1726.2	1801.1	1946.9	2094.0	2177.1	2211.2
40°	1178.5	1256.1	1333.8	1441.4	1569.5	1649.9	1726.2	1877.4	2006.8	2070.9	2045.0
42.5°	1109.0	1189.4	1258.9	1358.3	1487.7	1562.7	1640.3	1797.0	1901.9	1927.8	1863.8
45°	1040.9	1107.6	1174.4	1271.1	1407.4	1471.4	1554.5	1700.3	1787.5	1764.3	1670.3
47.5°	974.1	1028.6	1091.3	1185.3	1307.9	1384.2	1461.9	1588.6	1649.9	1617.2	1486.4
50°	895.1	949.6	1015.0	1096.7	1215.3	1288.8	1350.1	1467.3	1513.6	1433.2	1275.2
52.5°	820.2	867.9	923.7	1000.0	1113.1	1179.8	1246.6	1347.4	1362.4	1269.8	1103.5
55°	749.3	787.5	846.1	907.4	1010.9	1081.7	1128.1	1213.9	1209.8	1094.0	951.0
57.5°	675.8	711.2	750.7	814.7	912.8	965.9	1016.4	1091.3	1051.8	953.7	812.0
60°	610.4	630.8	670.3	731.6	814.7	861.0	900.5	941.4	907.4	801.1	692.1
62.5°	538.1	561.3	589.9	639.0	712.5	756.1	784.7	802.5	767.0	685.3	585.8
65°	470.0	490.5	520.4	564.0	619.9	652.6	667.6	679.8	660.8	568.1	489.1
67.5°	408.7	422.3	449.6	478.2	538.1	546.3	566.8	572.2	534.1	463.2	400.5
70°	347.4	361.0	373.3	407.4	434.6	449.6	453.7	453.7	415.5	369.2	317.4
72.5°	290.2	298.4	310.6	333.8	348.8	359.7	365.1	358.3	322.9	284.7	246.6
75°	235.7	239.8	250.7	265.7	277.9	273.8	272.5	264.3	238.4	211.2	189.4
77.5°	181.2	183.9	196.2	200.3	200.3	204.4	198.9	190.7	168.9	148.5	139.0
80°	136.2	140.3	141.7	144.4	141.7	141.7	137.6	124.0	113.1	103.5	96.7
82.5°	94.0	96.7	98.1	94.0	96.7	92.6	85.8	76.3	69.5	68.1	65.4
85°	55.9	57.2	55.9	55.9	51.8	50.4	45.0	43.6	40.9	40.9	39.5
87.5°	27.2	25.9	23.2	20.4	20.4	19.1	20.4	17.7	20.4	19.1	17.7
90°	3.1	5.6	8.1	10.6	13.1	14.3	15.2	17.0	18.8	20.6	22.4
92.5°	15.3	14.8	14.4	13.9	13.4	13.2	14.1	15.9	17.8	19.6	21.4
95°	56.0	48.3	40.6	32.9	25.2	21.4	21.5	21.7	22.0	22.2	22.4
97.5°	107.0	112.0	117.0	121.9	126.9	129.4	117.5	93.7	70.0	46.2	22.4
100°	167.1	171.2	175.2	179.3	183.4	185.4	169.8	138.5	107.3	76.0	44.8
102.5°	234.3	237.0	239.7	242.4	245.1	246.5	247.9	250.6	253.3	256.0	258.7
105°	306.6	308.0	309.3	310.7	312.0	312.7	313.3	314.4	315.5	316.7	317.8
107.5°	372.8	373.5	374.2	374.9	375.6	375.9	376.7	378.3	379.8	381.4	383.0
110°	440.0	440.7	441.4	442.1	442.8	443.1	443.8	445.1	446.5	447.8	449.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	505.2	506.6	507.9	509.3	510.6	511.3	511.5	512.0	512.5	512.9	513.4
115°	572.5	573.2	573.8	574.5	575.2	575.5	575.4	575.2	574.9	574.7	574.5
117.5°	632.6	633.5	634.4	635.3	636.2	636.6	636.9	637.6	638.3	639.0	639.7
120°	693.7	694.6	695.5	696.4	697.3	697.8	697.7	697.4	697.2	696.9	696.7
122.5°	750.7	751.2	751.6	752.1	752.6	752.8	753.0	753.5	753.9	754.4	754.8
125°	804.7	805.6	806.5	807.4	808.3	808.8	808.6	808.1	807.6	807.2	806.7
127.5°	856.7	856.9	857.1	857.4	857.6	857.7	858.3	859.4	860.5	861.7	862.8
130°	906.6	906.8	907.0	907.3	907.5	907.6	907.9	908.6	909.3	909.9	910.6
132.5°	952.4	952.8	953.3	953.7	954.2	954.4	954.9	955.8	956.7	957.6	958.5
135°	998.2	998.0	997.8	997.5	997.3	997.2	997.7	998.6	999.5	1000.4	1001.3
137.5°	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0	1039.6	1040.7	1041.8	1043.0	1044.1
140°	1078.7	1079.2	1079.6	1080.1	1080.6	1080.8	1081.0	1081.5	1081.9	1082.4	1082.8
142.5°	1114.4	1115.3	1116.2	1117.1	1118.0	1118.4	1118.5	1118.8	1119.0	1119.3	1119.5
145°	1151.0	1151.7	1152.4	1153.1	1153.8	1154.1	1154.1	1154.1	1154.1	1154.1	1154.1
147.5°	1179.6	1181.0	1182.3	1183.7	1185.0	1185.7	1185.6	1185.4	1185.1	1184.9	1184.7
150°	1211.1	1212.0	1212.9	1213.8	1214.7	1215.2	1215.1	1214.9	1214.6	1214.4	1214.2
152.5°	1237.6	1238.3	1239.0	1239.7	1240.4	1240.7	1240.5	1240.0	1239.5	1239.1	1238.6
155°	1262.1	1262.3	1262.5	1262.8	1263.0	1263.1	1262.8	1262.1	1261.4	1260.7	1260.0
157.5°	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5	1283.0	1282.1	1281.2	1280.3	1279.4
160°	1301.8	1301.1	1300.4	1299.7	1299.0	1298.7	1298.6	1298.4	1298.1	1297.9	1297.7
162.5°	1318.1	1317.2	1316.3	1315.4	1314.5	1314.0	1313.9	1313.7	1313.4	1313.2	1313.0
165°	1331.3	1330.2	1329.0	1327.9	1326.8	1326.2	1326.2	1326.2	1326.2	1326.2	1326.2
167.5°	1342.5	1341.4	1340.2	1339.1	1338.0	1337.4	1337.3	1337.1	1336.8	1336.6	1336.4
170°	1351.7	1350.3	1349.0	1347.6	1346.3	1345.6	1345.7	1345.9	1346.2	1346.4	1346.6
172.5°	1357.8	1356.4	1355.1	1353.7	1352.4	1351.7	1351.8	1352.0	1352.3	1352.5	1352.7
175°	1361.9	1360.5	1359.2	1357.8	1356.5	1355.8	1355.9	1356.1	1356.4	1356.6	1356.8
177.5°	1365.0	1363.4	1361.8	1360.2	1358.6	1357.8	1358.0	1358.5	1359.0	1359.4	1359.9
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1772.5	1787.5	1788.8	1802.5	1798.4	1791.6	1803.8	1795.6	1812.0	1806.5	1813.4
5°	1876.0	1896.5	1914.2	1925.1	1944.2	1940.1	1960.5	1953.7	1968.7	1953.7	1972.8
7.5°	1997.3	2031.3	2049.1	2077.7	2085.8	2087.2	2111.7	2117.2	2126.7	2117.2	2128.1
10°	2115.8	2156.7	2197.6	2220.7	2235.7	2256.1	2277.9	2287.5	2294.3	2284.8	2291.6
12.5°	2223.4	2287.5	2332.4	2378.8	2389.7	2407.4	2430.5	2427.8	2455.1	2449.6	2461.9
15°	2322.9	2393.7	2448.2	2485.0	2515.0	2530.0	2573.6	2576.3	2574.9	2588.6	2580.4
17.5°	2411.5	2471.4	2549.1	2596.7	2633.5	2633.5	2658.0	2708.5	2704.4	2703.0	2711.2
20°	2483.7	2551.8	2624.0	2704.4	2734.3	2739.8	2773.9	2799.7	2803.8	2803.8	2803.8
22.5°	2538.2	2618.5	2696.2	2753.4	2776.6	2795.7	2825.6	2842.0	2847.4	2844.7	2847.4
25°	2565.4	2641.7	2720.7	2772.5	2786.1	2797.0	2799.7	2809.3	2807.9	2791.6	2801.1
27.5°	2570.9	2644.4	2696.2	2709.8	2703.0	2696.2	2652.6	2656.7	2644.4	2619.9	2629.4
30°	2546.3	2585.8	2584.5	2542.2	2530.0	2501.4	2461.9	2403.3	2355.6	2335.2	2342.0
32.5°	2457.8	2457.8	2408.7	2313.4	2271.1	2219.4	2148.5	2095.4	2032.7	2019.1	2045.0
35°	2335.2	2265.7	2175.8	2050.4	1986.4	1948.2	1825.6	1787.5	1734.3	1719.4	1731.6
37.5°	2144.4	2028.6	1897.8	1780.7	1726.2	1658.0	1550.4	1495.9	1457.8	1431.9	1444.1
40°	1930.5	1790.2	1654.0	1509.5	1449.6	1393.7	1313.4	1264.3	1203.0	1205.7	1209.8
42.5°	1726.2	1561.3	1408.7	1275.2	1218.0	1171.7	1115.8	1055.9	1034.1	1027.3	1020.4
45°	1509.5	1333.8	1190.7	1091.3	1039.5	995.9	944.1	910.1	884.2	878.8	885.6
47.5°	1305.2	1156.7	1020.4	927.8	885.6	863.8	822.9	791.6	775.2	761.6	769.8
50°	1119.9	980.9	871.9	794.3	764.3	749.3	711.2	694.8	678.5	674.4	673.0
52.5°	967.3	848.8	754.8	692.1	668.9	660.8	632.2	609.0	595.4	599.5	602.2
55°	828.3	727.5	654.0	603.5	584.5	574.9	554.5	538.1	528.6	524.5	527.3
57.5°	705.7	618.5	565.4	524.5	509.5	505.5	483.7	478.2	471.4	467.3	467.3
60°	594.0	532.7	483.7	460.5	444.1	440.1	423.7	416.9	415.5	411.4	408.7
62.5°	500.0	449.6	415.5	391.0	384.2	382.8	371.9	363.8	359.7	356.9	356.9
65°	418.3	381.5	352.9	335.2	329.7	327.0	314.7	312.0	309.3	306.5	305.2
67.5°	348.8	316.1	295.6	283.4	276.6	277.9	271.1	265.7	265.7	264.3	262.9
70°	282.0	261.6	243.9	237.1	234.3	231.6	228.9	224.8	223.4	223.4	223.4
72.5°	222.1	208.4	198.9	194.8	192.1	189.4	186.6	186.6	186.6	185.3	185.3
75°	170.3	164.9	158.0	154.0	154.0	156.7	152.6	148.5	144.4	141.7	143.1
77.5°	128.1	125.3	121.3	114.4	115.8	113.1	113.1	110.4	111.7	111.7	109.0
80°	94.0	89.9	88.6	84.5	85.8	84.5	83.1	83.1	80.4	80.4	80.4
82.5°	65.4	61.3	61.3	59.9	58.6	58.6	57.2	57.2	58.6	55.9	55.9
85°	39.5	38.1	38.1	35.4	35.4	35.4	35.4	36.8	35.4	34.1	34.1
87.5°	17.7	19.1	17.7	16.3	16.3	16.3	15.0	15.0	13.6	15.0	15.0
90°	23.8	25.1	26.5	27.8	28.5	28.7	29.2	29.7	30.1	30.6	30.1
92.5°	22.8	24.1	25.5	26.8	27.5	27.5	27.5	27.5	27.5	27.5	27.5
95°	23.8	25.1	26.5	27.8	28.5	28.6	28.8	29.1	29.3	29.5	29.3
97.5°	23.5	24.7	25.8	26.9	27.5	27.6	27.8	28.1	28.3	28.5	28.3
100°	41.0	37.1	33.3	29.4	27.5	27.6	27.8	28.1	28.3	28.5	28.3
102.5°	207.8	156.8	105.9	55.0	29.5	29.5	29.5	29.5	29.5	29.5	29.5
105°	319.8	321.9	323.9	326.0	327.0	322.9	314.8	306.6	298.5	290.3	298.5
107.5°	384.1	385.3	386.4	387.5	388.1	388.6	389.5	390.4	391.3	392.2	391.3
110°	449.6	450.1	450.5	451.0	451.2	451.5	452.2	452.9	453.6	454.3	453.6

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	513.2	513.0	512.7	512.5	512.4	512.8	513.7	514.6	515.5	516.4	515.5
115°	574.9	575.4	575.8	576.3	576.5	576.5	576.5	576.5	576.5	576.5	576.5
117.5°	639.5	639.3	639.0	638.8	638.7	638.7	638.7	638.7	638.7	638.7	638.7
120°	697.2	697.6	698.1	698.6	698.8	698.6	698.1	697.6	697.2	696.7	697.2
122.5°	755.0	755.2	755.5	755.7	755.8	755.6	755.1	754.7	754.2	753.8	754.2
125°	807.4	808.1	808.8	809.5	809.8	809.9	810.1	810.4	810.6	810.8	810.6
127.5°	862.6	862.4	862.1	861.9	861.8	861.7	861.4	861.2	860.9	860.7	860.9
130°	910.8	911.1	911.3	911.6	911.7	911.7	911.7	911.7	911.7	911.7	911.7
132.5°	958.7	958.9	959.2	959.4	959.5	959.4	959.2	958.9	958.7	958.5	958.7
135°	1001.7	1002.2	1002.6	1003.1	1003.3	1003.5	1004.0	1004.5	1004.9	1005.4	1004.9
137.5°	1044.5	1045.0	1045.4	1045.9	1046.1	1046.0	1045.8	1045.5	1045.3	1045.1	1045.3
140°	1083.5	1084.2	1084.9	1085.6	1085.9	1086.0	1086.2	1086.5	1086.7	1086.9	1086.7
142.5°	1119.9	1120.4	1120.8	1121.3	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5
145°	1154.3	1154.5	1154.8	1155.0	1155.1	1155.3	1155.8	1156.3	1156.7	1157.2	1156.7
147.5°	1184.9	1185.1	1185.4	1185.6	1185.7	1185.8	1186.0	1186.3	1186.5	1186.7	1186.5
150°	1214.2	1214.2	1214.2	1214.2	1214.2	1214.3	1214.5	1214.8	1215.0	1215.2	1215.0
152.5°	1239.1	1239.5	1240.0	1240.5	1240.7	1240.6	1240.4	1240.1	1239.9	1239.7	1239.9
155°	1260.9	1261.8	1262.7	1263.6	1264.1	1263.8	1263.1	1262.4	1261.8	1261.1	1261.8
157.5°	1280.5	1281.7	1282.8	1283.9	1284.5	1283.9	1282.8	1281.7	1280.5	1279.4	1280.5
160°	1299.1	1300.4	1301.8	1303.1	1303.8	1303.1	1301.8	1300.4	1299.1	1297.7	1299.1
162.5°	1314.4	1315.7	1317.1	1318.4	1319.1	1318.3	1316.7	1315.2	1313.6	1312.0	1313.6
165°	1328.0	1329.8	1331.7	1333.5	1334.4	1333.4	1331.3	1329.3	1327.2	1325.2	1327.2
167.5°	1338.4	1340.5	1342.5	1344.6	1345.6	1344.5	1342.2	1339.9	1337.7	1335.4	1337.7
170°	1348.4	1350.2	1352.1	1353.9	1354.8	1353.7	1351.4	1349.1	1346.9	1344.6	1346.9
172.5°	1354.5	1356.3	1358.2	1360.0	1360.9	1359.7	1357.2	1354.7	1352.2	1349.7	1352.2
175°	1358.8	1360.9	1362.9	1365.0	1366.0	1364.6	1361.9	1359.2	1356.4	1353.7	1356.4
177.5°	1361.7	1363.5	1365.3	1367.1	1368.0	1366.6	1363.9	1361.2	1358.5	1355.8	1358.5
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1817.4	1807.9	1806.5	1806.5	1791.6	1799.7	1783.4	1765.7	1757.5	1757.5	1742.5
5°	1968.7	1959.1	1949.6	1934.6	1934.6	1926.4	1900.6	1874.7	1855.6	1839.2	1821.5
7.5°	2124.0	2114.5	2087.2	2072.2	2080.4	2064.0	2030.0	1986.4	1953.7	1927.8	1891.0
10°	2292.9	2267.0	2253.4	2245.2	2216.6	2198.9	2159.4	2095.4	2054.5	2020.4	1972.8
12.5°	2430.5	2438.7	2386.9	2391.0	2362.4	2337.9	2276.6	2215.3	2154.0	2106.3	2035.4
15°	2579.0	2554.5	2523.2	2498.6	2489.1	2459.1	2407.4	2325.6	2258.9	2183.9	2103.6
17.5°	2696.2	2677.1	2647.2	2624.0	2603.6	2531.3	2487.7	2415.5	2324.3	2250.7	2152.6
20°	2795.7	2777.9	2735.7	2720.7	2683.9	2632.2	2569.5	2457.8	2376.0	2295.7	2200.3
22.5°	2837.9	2820.2	2783.4	2764.3	2741.2	2690.7	2630.8	2524.5	2423.7	2322.9	2222.1
25°	2802.5	2802.5	2784.8	2777.9	2757.5	2712.5	2651.2	2561.3	2453.7	2344.7	2224.8
27.5°	2630.8	2664.9	2677.1	2683.9	2683.9	2685.3	2643.1	2555.9	2451.0	2344.7	2219.4
30°	2382.8	2440.1	2490.5	2505.5	2531.3	2560.0	2577.7	2535.4	2441.4	2329.7	2204.4
32.5°	2070.9	2144.4	2238.4	2261.6	2297.0	2382.8	2430.5	2448.2	2396.5	2298.4	2164.9
35°	1760.2	1852.9	1910.1	1980.9	2013.6	2140.3	2246.6	2310.6	2298.4	2239.8	2118.5
37.5°	1489.1	1542.2	1611.7	1686.7	1752.1	1873.3	2005.5	2129.4	2179.8	2151.2	2060.0
40°	1228.9	1291.6	1374.7	1436.0	1480.9	1602.2	1765.7	1900.6	2010.9	2028.6	1972.8
42.5°	1045.0	1107.6	1158.0	1224.8	1260.2	1377.4	1521.8	1690.7	1821.5	1891.0	1866.5
45°	903.3	941.4	982.3	1020.4	1064.0	1167.6	1301.1	1486.4	1633.5	1731.6	1741.2
47.5°	779.3	813.4	848.8	884.2	908.7	989.1	1111.7	1262.9	1423.7	1558.6	1611.7
50°	692.1	708.4	734.3	754.8	783.4	852.9	951.0	1081.7	1252.0	1397.8	1467.3
52.5°	606.3	626.7	647.1	664.9	683.9	733.0	822.9	936.0	1083.1	1233.0	1318.8
55°	534.1	550.4	569.5	581.7	592.6	636.2	704.4	791.6	918.3	1060.0	1166.2
57.5°	475.5	482.3	498.6	505.5	517.7	553.1	602.2	679.8	782.0	919.6	1006.8
60°	411.4	425.1	437.3	442.8	452.3	476.8	510.9	583.1	671.7	772.5	871.9
62.5°	359.7	365.1	374.7	381.5	388.3	414.2	442.8	497.3	564.0	648.5	739.8
65°	312.0	314.7	320.2	329.7	333.8	352.9	369.2	408.7	471.4	535.4	626.7
67.5°	262.9	265.7	272.5	277.9	282.0	294.3	312.0	340.6	374.7	445.5	495.9
70°	224.8	224.8	228.9	231.6	235.7	241.1	250.7	272.5	303.8	348.8	395.1
72.5°	188.0	188.0	188.0	192.1	192.1	196.2	201.6	216.6	238.4	273.8	303.8
75°	145.8	147.1	149.9	149.9	151.2	156.7	160.8	164.9	175.8	198.9	226.2
77.5°	110.4	113.1	114.4	111.7	114.4	114.4	119.9	125.3	130.8	137.6	158.0
80°	81.7	83.1	80.4	81.7	81.7	84.5	87.2	85.8	88.6	96.7	102.2
82.5°	54.5	55.9	55.9	55.9	55.9	59.9	59.9	58.6	59.9	61.3	62.7
85°	34.1	32.7	32.7	34.1	32.7	32.7	34.1	35.4	34.1	35.4	36.8
87.5°	15.0	15.0	15.0	15.0	13.6	13.6	15.0	13.6	15.0	13.6	12.3
90°	29.7	29.2	28.7	28.5	27.8	26.5	25.1	23.8	22.4	20.6	18.8
92.5°	27.5	27.5	27.5	27.5	26.8	25.5	24.1	22.8	21.4	19.6	17.8
95°	29.1	28.8	28.6	28.5	27.8	26.5	25.1	23.8	22.4	22.2	22.0
97.5°	28.1	27.8	27.6	27.5	26.9	25.8	24.7	23.5	22.4	46.2	70.0
100°	28.1	27.8	27.6	27.5	29.4	33.3	37.1	41.0	44.8	76.0	107.3
102.5°	29.5	29.5	29.5	29.5	55.0	105.9	156.8	207.8	258.7	256.0	253.3
105°	306.6	314.8	322.9	327.0	326.0	323.9	321.9	319.8	317.8	316.7	315.5
107.5°	390.4	389.5	388.6	388.1	387.5	386.4	385.3	384.1	383.0	381.4	379.8
110°	452.9	452.2	451.5	451.2	451.0	450.5	450.1	449.6	449.2	447.8	446.5

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	514.6	513.7	512.8	512.4	512.5	512.7	513.0	513.2	513.4	512.9	512.5
115°	576.5	576.5	576.5	576.5	576.3	575.8	575.4	574.9	574.5	574.7	574.9
117.5°	638.7	638.7	638.7	638.7	638.8	639.0	639.3	639.5	639.7	639.0	638.3
120°	697.6	698.1	698.6	698.8	698.6	698.1	697.6	697.2	696.7	696.9	697.2
122.5°	754.7	755.1	755.6	755.8	755.7	755.5	755.2	755.0	754.8	754.4	753.9
125°	810.4	810.1	809.9	809.8	809.5	808.8	808.1	807.4	806.7	807.2	807.6
127.5°	861.2	861.4	861.7	861.8	861.9	862.1	862.4	862.6	862.8	861.7	860.5
130°	911.7	911.7	911.7	911.7	911.6	911.3	911.1	910.8	910.6	909.9	909.3
132.5°	958.9	959.2	959.4	959.5	959.4	959.2	958.9	958.7	958.5	957.6	956.7
135°	1004.5	1004.0	1003.5	1003.3	1003.1	1002.6	1002.2	1001.7	1001.3	1000.4	999.5
137.5°	1045.5	1045.8	1046.0	1046.1	1045.9	1045.4	1045.0	1044.5	1044.1	1043.0	1041.8
140°	1086.5	1086.2	1086.0	1085.9	1085.6	1084.9	1084.2	1083.5	1082.8	1082.4	1081.9
142.5°	1121.5	1121.5	1121.5	1121.5	1121.3	1120.8	1120.4	1119.9	1119.5	1119.3	1119.0
145°	1156.3	1155.8	1155.3	1155.1	1155.0	1154.8	1154.5	1154.3	1154.1	1154.1	1154.1
147.5°	1186.3	1186.0	1185.8	1185.7	1185.6	1185.4	1185.1	1184.9	1184.7	1184.9	1185.1
150°	1214.8	1214.5	1214.3	1214.2	1214.2	1214.2	1214.2	1214.2	1214.2	1214.4	1214.6
152.5°	1240.1	1240.4	1240.6	1240.7	1240.5	1240.0	1239.5	1239.1	1238.6	1239.1	1239.5
155°	1262.4	1263.1	1263.8	1264.1	1263.6	1262.7	1261.8	1260.9	1260.0	1260.7	1261.4
157.5°	1281.7	1282.8	1283.9	1284.5	1283.9	1282.8	1281.7	1280.5	1279.4	1280.3	1281.2
160°	1300.4	1301.8	1303.1	1303.8	1303.1	1301.8	1300.4	1299.1	1297.7	1297.9	1298.1
162.5°	1315.2	1316.7	1318.3	1319.1	1318.4	1317.1	1315.7	1314.4	1313.0	1313.2	1313.4
165°	1329.3	1331.3	1333.4	1334.4	1333.5	1331.7	1329.8	1328.0	1326.2	1326.2	1326.2
167.5°	1339.9	1342.2	1344.5	1345.6	1344.6	1342.5	1340.5	1338.4	1336.4	1336.6	1336.8
170°	1349.1	1351.4	1353.7	1354.8	1353.9	1352.1	1350.2	1348.4	1346.6	1346.4	1346.2
172.5°	1354.7	1357.2	1359.7	1360.9	1360.0	1358.2	1356.3	1354.5	1352.7	1352.5	1352.3
175°	1359.2	1361.9	1364.6	1366.0	1365.0	1362.9	1360.9	1358.8	1356.8	1356.6	1356.4
177.5°	1361.2	1363.9	1366.6	1368.0	1367.1	1365.3	1363.5	1361.7	1359.9	1359.4	1359.0
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1734.3	1727.5	1723.4	1722.1	1709.8	1703.0	1698.9	1696.2	1692.1	1681.2	1671.7
5°	1799.7	1780.7	1771.1	1760.2	1741.2	1719.4	1701.6	1690.7	1677.1	1655.3	1634.9
7.5°	1861.0	1832.4	1813.4	1798.4	1765.7	1730.3	1701.6	1678.5	1652.6	1622.6	1594.0
10°	1925.1	1878.8	1854.2	1831.1	1783.4	1737.1	1696.2	1662.1	1625.3	1585.8	1554.5
12.5°	1975.5	1914.2	1886.9	1854.2	1795.6	1741.2	1689.4	1643.1	1595.4	1553.1	1508.2
15°	2034.1	1957.8	1926.4	1884.2	1803.8	1733.0	1666.2	1615.8	1566.8	1504.1	1456.4
17.5°	2068.1	1979.6	1934.6	1897.8	1810.6	1724.8	1647.1	1584.5	1527.3	1464.6	1414.2
20°	2102.2	2001.4	1951.0	1899.2	1795.6	1704.4	1622.6	1547.7	1487.7	1419.6	1367.9
22.5°	2113.1	1995.9	1942.8	1895.1	1786.1	1683.9	1589.9	1513.6	1444.1	1376.0	1317.4
25°	2113.1	1994.6	1931.9	1870.6	1756.1	1651.2	1557.2	1474.1	1396.5	1328.3	1269.8
27.5°	2091.3	1967.3	1901.9	1846.1	1727.5	1614.4	1517.7	1426.4	1351.5	1283.4	1216.6
30°	2064.0	1927.8	1862.4	1795.6	1681.2	1573.6	1468.7	1384.2	1305.2	1227.5	1167.6
32.5°	2030.0	1885.6	1813.4	1745.2	1624.0	1512.3	1415.5	1332.4	1257.5	1177.1	1110.4
35°	1980.9	1822.9	1742.5	1682.6	1565.4	1449.6	1357.0	1275.2	1203.0	1119.9	1047.7
37.5°	1918.3	1765.7	1683.9	1610.4	1489.1	1382.8	1295.6	1216.6	1145.8	1069.5	989.1
40°	1844.7	1685.3	1614.4	1536.8	1408.7	1307.9	1226.2	1155.3	1084.5	1012.3	934.6
42.5°	1761.6	1603.5	1524.5	1449.6	1327.0	1227.5	1151.2	1087.2	1021.8	955.0	871.9
45°	1662.1	1513.6	1437.3	1366.5	1248.0	1145.8	1076.3	1015.0	959.1	891.0	817.4
47.5°	1550.4	1421.0	1343.3	1267.0	1151.2	1062.7	994.6	942.8	895.1	827.0	760.2
50°	1441.4	1313.4	1250.7	1173.0	1066.8	983.7	914.2	870.6	833.8	767.0	707.1
52.5°	1303.8	1207.1	1147.1	1080.4	978.2	893.7	839.2	801.1	757.5	705.7	652.6
55°	1182.6	1092.6	1045.0	982.3	881.5	806.5	760.2	724.8	690.7	644.4	602.2
57.5°	1045.0	989.1	941.4	886.9	787.5	723.4	682.6	652.6	621.3	583.1	549.0
60°	900.5	874.7	828.3	784.7	700.3	644.4	610.4	583.1	553.1	521.8	493.2
62.5°	772.5	757.5	730.2	696.2	617.2	569.5	535.4	515.0	493.2	464.6	437.3
65°	651.2	644.4	618.5	594.0	539.5	497.3	467.3	455.0	430.5	408.7	384.2
67.5°	543.6	535.4	520.4	509.5	463.2	423.7	408.7	392.4	371.9	355.6	335.2
70°	434.6	433.2	423.7	410.1	385.6	356.9	342.0	331.1	310.6	298.4	283.4
72.5°	337.9	344.7	336.5	331.1	314.7	294.3	280.7	273.8	257.5	248.0	237.1
75°	252.0	257.5	261.6	252.0	248.0	238.4	226.2	219.3	211.2	197.5	193.5
77.5°	171.7	183.9	183.9	186.6	188.0	182.6	173.0	167.6	158.0	155.3	149.9
80°	113.1	124.0	125.3	128.1	132.2	132.2	125.3	124.0	114.4	113.1	109.0
82.5°	65.4	74.9	80.4	84.5	83.1	88.6	83.1	81.7	76.3	76.3	73.6
85°	35.4	36.8	39.5	42.2	45.0	47.7	47.7	46.3	45.0	43.6	40.9
87.5°	13.6	13.6	15.0	13.6	15.0	17.7	19.1	19.1	17.7	16.3	13.6
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°	15.9	14.1	13.2	13.4	13.9	14.4	14.8	15.3	14.8	14.4	13.9
95°	21.7	21.5	21.4	25.2	32.9	40.6	48.3	56.0	48.3	40.6	32.9
97.5°	93.7	117.5	129.4	126.9	121.9	117.0	112.0	107.0	112.0	117.0	121.9
100°	138.5	169.8	185.4	183.4	179.3	175.2	171.2	167.1	171.2	175.2	179.3
102.5°	250.6	247.9	246.5	245.1	242.4	239.7	237.0	234.3	237.0	239.7	242.4
105°	314.4	313.3	312.7	312.0	310.7	309.3	308.0	306.6	308.0	309.3	310.7
107.5°	378.3	376.7	375.9	375.6	374.9	374.2	373.5	372.8	373.5	374.2	374.9
110°	445.1	443.8	443.1	442.8	442.1	441.4	440.7	440.0	440.7	441.4	442.1

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	512.0	511.5	511.3	510.6	509.3	507.9	506.6	505.2	506.6	507.9	509.3
115°	575.2	575.4	575.5	575.2	574.5	573.8	573.2	572.5	573.2	573.8	574.5
117.5°	637.6	636.9	636.6	636.2	635.3	634.4	633.5	632.6	633.5	634.4	635.3
120°	697.4	697.7	697.8	697.3	696.4	695.5	694.6	693.7	694.6	695.5	696.4
122.5°	753.5	753.0	752.8	752.6	752.1	751.6	751.2	750.7	751.2	751.6	752.1
125°	808.1	808.6	808.8	808.3	807.4	806.5	805.6	804.7	805.6	806.5	807.4
127.5°	859.4	858.3	857.7	857.6	857.4	857.1	856.9	856.7	856.9	857.1	857.4
130°	908.6	907.9	907.6	907.5	907.3	907.0	906.8	906.6	906.8	907.0	907.3
132.5°	955.8	954.9	954.4	954.2	953.7	953.3	952.8	952.4	952.8	953.3	953.7
135°	998.6	997.7	997.2	997.3	997.5	997.8	998.0	998.2	998.0	997.8	997.5
137.5°	1040.7	1039.6	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0
140°	1081.5	1081.0	1080.8	1080.6	1080.1	1079.6	1079.2	1078.7	1079.2	1079.6	1080.1
142.5°	1118.8	1118.5	1118.4	1118.0	1117.1	1116.2	1115.3	1114.4	1115.3	1116.2	1117.1
145°	1154.1	1154.1	1154.1	1153.8	1153.1	1152.4	1151.7	1151.0	1151.7	1152.4	1153.1
147.5°	1185.4	1185.6	1185.7	1185.0	1183.7	1182.3	1181.0	1179.6	1181.0	1182.3	1183.7
150°	1214.9	1215.1	1215.2	1214.7	1213.8	1212.9	1212.0	1211.1	1212.0	1212.9	1213.8
152.5°	1240.0	1240.5	1240.7	1240.4	1239.7	1239.0	1238.3	1237.6	1238.3	1239.0	1239.7
155°	1262.1	1262.8	1263.1	1263.0	1262.8	1262.5	1262.3	1262.1	1262.3	1262.5	1262.8
157.5°	1282.1	1283.0	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5
160°	1298.4	1298.6	1298.7	1299.0	1299.7	1300.4	1301.1	1301.8	1301.1	1300.4	1299.7
162.5°	1313.7	1313.9	1314.0	1314.5	1315.4	1316.3	1317.2	1318.1	1317.2	1316.3	1315.4
165°	1326.2	1326.2	1326.2	1326.8	1327.9	1329.0	1330.2	1331.3	1330.2	1329.0	1327.9
167.5°	1337.1	1337.3	1337.4	1338.0	1339.1	1340.2	1341.4	1342.5	1341.4	1340.2	1339.1
170°	1345.9	1345.7	1345.6	1346.3	1347.6	1349.0	1350.3	1351.7	1350.3	1349.0	1347.6
172.5°	1352.0	1351.8	1351.7	1352.4	1353.7	1355.1	1356.4	1357.8	1356.4	1355.1	1353.7
175°	1356.1	1355.9	1355.8	1356.5	1357.8	1359.2	1360.5	1361.9	1360.5	1359.2	1357.8
177.5°	1358.5	1358.0	1357.8	1358.6	1360.2	1361.8	1363.4	1365.0	1363.4	1361.8	1360.2
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1663.5	1660.8	1658.0	1647.1	1637.6	1621.3	1607.6	1602.2	1600.8	1602.2	1598.1
5°	1615.8	1614.4	1604.9	1585.8	1568.1	1549.1	1535.4	1521.8	1513.6	1513.6	1504.1
7.5°	1570.9	1561.3	1553.1	1528.6	1508.2	1482.3	1461.9	1449.6	1442.8	1427.8	1427.8
10°	1523.2	1509.5	1498.6	1475.5	1445.5	1419.6	1393.7	1378.8	1366.5	1355.6	1351.5
12.5°	1475.5	1464.6	1444.1	1419.6	1389.7	1357.0	1329.7	1318.8	1290.2	1267.0	1268.4
15°	1430.5	1406.0	1396.5	1361.0	1325.6	1294.3	1254.8	1223.4	1200.3	1185.3	1166.2
17.5°	1380.1	1355.6	1337.9	1307.9	1261.6	1212.5	1174.4	1132.2	1109.0	1083.1	1070.8
20°	1324.3	1303.8	1290.2	1242.5	1186.7	1128.1	1085.8	1060.0	1034.1	1015.0	1004.1
22.5°	1276.6	1250.7	1234.3	1170.3	1109.0	1050.4	1017.7	995.9	974.1	957.8	952.3
25°	1215.3	1200.3	1160.8	1104.9	1030.0	990.5	961.9	933.2	921.0	910.1	897.8
27.5°	1164.9	1128.1	1100.8	1027.3	980.9	936.0	907.4	885.6	870.6	859.7	850.1
30°	1102.2	1068.1	1030.0	968.7	926.4	884.2	858.3	840.6	824.3	817.4	809.3
32.5°	1036.8	1005.5	968.7	919.6	867.9	835.2	814.7	795.6	784.7	777.9	768.4
35°	978.2	938.7	914.2	867.9	825.6	788.8	769.8	753.4	741.1	738.4	737.1
37.5°	915.5	885.6	862.4	814.7	779.3	748.0	730.2	712.5	705.7	704.4	698.9
40°	861.0	835.2	813.4	768.4	730.2	701.6	688.0	677.1	670.3	670.3	668.9
42.5°	813.4	786.1	764.3	723.4	689.4	663.5	648.5	637.6	634.9	636.2	634.9
45°	760.2	737.1	715.3	673.0	644.4	625.3	609.0	603.5	599.5	600.8	602.2
47.5°	709.8	690.7	668.9	634.9	602.2	581.7	572.2	566.8	566.8	566.8	569.5
50°	664.9	643.1	624.0	588.6	558.6	542.2	534.1	527.3	528.6	530.0	531.3
52.5°	611.7	592.6	579.0	543.6	521.8	501.4	491.8	493.2	491.8	491.8	494.6
55°	565.4	546.3	532.7	500.0	478.2	464.6	456.4	452.3	453.7	451.0	456.4
57.5°	513.6	497.3	487.7	456.4	437.3	425.1	418.3	411.4	414.2	412.8	411.4
60°	468.7	449.6	434.6	412.8	396.5	381.5	377.4	370.6	373.3	370.6	369.2
62.5°	416.9	401.9	391.0	369.2	355.6	343.3	333.8	329.7	328.3	324.3	320.2
65°	365.1	356.9	346.1	324.3	310.6	301.1	295.6	291.6	290.2	279.3	267.0
67.5°	317.4	312.0	301.1	284.7	272.5	262.9	254.8	248.0	239.8	231.6	224.8
70°	272.5	264.3	257.5	242.5	231.6	222.1	213.9	205.7	201.6	193.5	190.7
72.5°	228.9	220.7	213.9	200.3	190.7	181.2	178.5	168.9	164.9	163.5	163.5
75°	183.9	177.1	173.0	160.8	152.6	145.8	141.7	139.0	136.2	133.5	129.4
77.5°	140.3	136.2	133.5	125.3	118.5	114.4	113.1	103.5	100.8	98.1	95.4
80°	102.2	100.8	98.1	91.3	88.6	79.0	79.0	76.3	74.9	74.9	74.9
82.5°	69.5	66.8	65.4	58.6	57.2	55.9	54.5	53.1	54.5	53.1	54.5
85°	36.8	35.4	34.1	34.1	34.1	34.1	34.1	34.1	34.1	32.7	34.1
87.5°	13.6	13.6	13.6	13.6	12.3	13.6	13.6	12.3	13.6	13.6	13.6
90°	13.1	14.3	15.2	17.0	18.8	20.6	22.4	23.8	25.1	26.5	27.8
92.5°	13.4	13.2	14.1	15.9	17.8	19.6	21.4	22.8	24.1	25.5	26.8
95°	25.2	21.4	21.5	21.7	22.0	22.2	22.4	23.8	25.1	26.5	27.8
97.5°	126.9	129.4	117.5	93.7	70.0	46.2	22.4	23.5	24.7	25.8	26.9
100°	183.4	185.4	169.8	138.5	107.3	76.0	44.8	41.0	37.1	33.3	29.4
102.5°	245.1	246.5	247.9	250.6	253.3	256.0	258.7	207.8	156.8	105.9	55.0
105°	312.0	312.7	313.3	314.4	315.5	316.7	317.8	319.8	321.9	323.9	326.0
107.5°	375.6	375.9	376.7	378.3	379.8	381.4	383.0	384.1	385.3	386.4	387.5
110°	442.8	443.1	443.8	445.1	446.5	447.8	449.2	449.6	450.1	450.5	451.0

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	510.6	511.3	511.5	512.0	512.5	512.9	513.4	513.2	513.0	512.7	512.5
115°	575.2	575.5	575.4	575.2	574.9	574.7	574.5	574.9	575.4	575.8	576.3
117.5°	636.2	636.6	636.9	637.6	638.3	639.0	639.7	639.5	639.3	639.0	638.8
120°	697.3	697.8	697.7	697.4	697.2	696.9	696.7	697.2	697.6	698.1	698.6
122.5°	752.6	752.8	753.0	753.5	753.9	754.4	754.8	755.0	755.2	755.5	755.7
125°	808.3	808.8	808.6	808.1	807.6	807.2	806.7	807.4	808.1	808.8	809.5
127.5°	857.6	857.7	858.3	859.4	860.5	861.7	862.8	862.6	862.4	862.1	861.9
130°	907.5	907.6	907.9	908.6	909.3	909.9	910.6	910.8	911.1	911.3	911.6
132.5°	954.2	954.4	954.9	955.8	956.7	957.6	958.5	958.7	958.9	959.2	959.4
135°	997.3	997.2	997.7	998.6	999.5	1000.4	1001.3	1001.7	1002.2	1002.6	1003.1
137.5°	1039.0	1039.0	1039.6	1040.7	1041.8	1043.0	1044.1	1044.5	1045.0	1045.4	1045.9
140°	1080.6	1080.8	1081.0	1081.5	1081.9	1082.4	1082.8	1083.5	1084.2	1084.9	1085.6
142.5°	1118.0	1118.4	1118.5	1118.8	1119.0	1119.3	1119.5	1119.9	1120.4	1120.8	1121.3
145°	1153.8	1154.1	1154.1	1154.1	1154.1	1154.1	1154.1	1154.3	1154.5	1154.8	1155.0
147.5°	1185.0	1185.7	1185.6	1185.4	1185.1	1184.9	1184.7	1184.9	1185.1	1185.4	1185.6
150°	1214.7	1215.2	1215.1	1214.9	1214.6	1214.4	1214.2	1214.2	1214.2	1214.2	1214.2
152.5°	1240.4	1240.7	1240.5	1240.0	1239.5	1239.1	1238.6	1239.1	1239.5	1240.0	1240.5
155°	1263.0	1263.1	1262.8	1262.1	1261.4	1260.7	1260.0	1260.9	1261.8	1262.7	1263.6
157.5°	1283.5	1283.5	1283.0	1282.1	1281.2	1280.3	1279.4	1280.5	1281.7	1282.8	1283.9
160°	1299.0	1298.7	1298.6	1298.4	1298.1	1297.9	1297.7	1299.1	1300.4	1301.8	1303.1
162.5°	1314.5	1314.0	1313.9	1313.7	1313.4	1313.2	1313.0	1314.4	1315.7	1317.1	1318.4
165°	1326.8	1326.2	1326.2	1326.2	1326.2	1326.2	1326.2	1328.0	1329.8	1331.7	1333.5
167.5°	1338.0	1337.4	1337.3	1337.1	1336.8	1336.6	1336.4	1338.4	1340.5	1342.5	1344.6
170°	1346.3	1345.6	1345.7	1345.9	1346.2	1346.4	1346.6	1348.4	1350.2	1352.1	1353.9
172.5°	1352.4	1351.7	1351.8	1352.0	1352.3	1352.5	1352.7	1354.5	1356.3	1358.2	1360.0
175°	1356.5	1355.8	1355.9	1356.1	1356.4	1356.6	1356.8	1358.8	1360.9	1362.9	1365.0
177.5°	1358.6	1357.8	1358.0	1358.5	1359.0	1359.4	1359.9	1361.7	1363.5	1365.3	1367.1
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1598.1	1603.5	1596.7	1600.8	1591.3	1589.9	1591.3	1591.3	1592.6	1594.0	1595.4
5°	1508.2	1506.8	1498.6	1493.2	1489.1	1493.2	1495.9	1498.6	1495.9	1498.6	1500.0
7.5°	1423.7	1419.6	1415.5	1406.0	1408.7	1406.0	1414.2	1410.1	1410.1	1416.9	1422.3
10°	1348.8	1340.6	1337.9	1327.0	1318.8	1317.4	1327.0	1331.1	1335.2	1337.9	1348.8
12.5°	1252.0	1239.8	1230.3	1234.3	1211.2	1220.7	1223.4	1218.0	1234.3	1253.4	1242.5
15°	1148.5	1149.9	1130.8	1124.0	1104.9	1110.4	1111.7	1125.3	1139.0	1137.6	1154.0
17.5°	1072.2	1064.0	1047.7	1046.3	1038.2	1042.2	1040.9	1051.8	1047.7	1054.5	1068.1
20°	1001.4	995.9	982.3	976.8	979.6	976.8	978.2	979.6	983.7	998.6	995.9
22.5°	945.5	938.7	938.7	931.9	923.7	921.0	927.8	931.9	937.3	940.1	946.9
25°	896.5	891.0	884.2	880.1	873.3	874.7	878.8	884.2	888.3	893.7	899.2
27.5°	846.1	846.1	839.2	837.9	835.2	833.8	839.2	842.0	842.0	846.1	851.5
30°	806.5	806.5	799.7	798.4	797.0	797.0	801.1	802.5	803.8	807.9	810.6
32.5°	768.4	767.0	764.3	765.7	764.3	765.7	765.7	767.0	769.8	771.1	776.6
35°	733.0	734.3	731.6	731.6	730.2	731.6	734.3	735.7	737.1	739.8	739.8
37.5°	698.9	701.6	700.3	704.4	704.4	704.4	704.4	707.1	707.1	707.1	705.7
40°	668.9	668.9	667.6	670.3	673.0	673.0	674.4	674.4	675.8	675.8	674.4
42.5°	634.9	637.6	641.7	643.1	645.8	644.4	648.5	647.1	648.5	645.8	643.1
45°	603.5	603.5	609.0	614.4	615.8	615.8	615.8	618.5	615.8	611.7	610.4
47.5°	569.5	572.2	574.9	581.7	583.1	583.1	583.1	583.1	580.4	580.4	580.4
50°	535.4	536.8	538.1	540.9	545.0	543.6	543.6	543.6	549.0	543.6	545.0
52.5°	494.6	495.9	497.3	502.7	501.4	501.4	502.7	502.7	506.8	505.5	502.7
55°	453.7	453.7	456.4	456.4	456.4	459.1	460.5	463.2	461.9	463.2	464.6
57.5°	412.8	410.1	408.7	408.7	412.8	411.4	412.8	412.8	418.3	421.0	422.3
60°	365.1	365.1	363.8	355.6	355.6	354.2	358.3	361.0	363.8	376.0	374.7
62.5°	316.1	310.6	305.2	306.5	298.4	302.5	299.7	302.5	310.6	320.2	321.5
65°	267.0	262.9	257.5	256.1	253.4	257.5	256.1	257.5	261.6	267.0	273.8
67.5°	223.4	222.1	219.3	218.0	218.0	218.0	220.7	220.7	222.1	226.2	230.2
70°	190.7	189.4	190.7	188.0	189.4	188.0	189.4	190.7	192.1	193.5	197.5
72.5°	160.8	160.8	160.8	158.0	160.8	159.4	159.4	160.8	162.1	163.5	166.2
75°	128.1	125.3	122.6	119.9	118.5	121.3	122.6	121.3	125.3	130.8	130.8
77.5°	96.7	95.4	95.4	95.4	96.7	95.4	98.1	96.7	98.1	98.1	100.8
80°	74.9	73.6	74.9	74.9	73.6	76.3	74.9	74.9	76.3	77.7	76.3
82.5°	54.5	55.9	54.5	54.5	54.5	57.2	54.5	54.5	54.5	55.9	55.9
85°	34.1	34.1	34.1	34.1	35.4	34.1	35.4	34.1	36.8	35.4	35.4
87.5°	12.3	13.6	15.0	15.0	15.0	15.0	13.6	15.0	16.3	15.0	16.3
90°	28.5	28.7	29.2	29.7	30.1	30.6	30.1	29.7	29.2	28.7	28.5
92.5°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
95°	28.5	28.6	28.8	29.1	29.3	29.5	29.3	29.1	28.8	28.6	28.5
97.5°	27.5	27.6	27.8	28.1	28.3	28.5	28.3	28.1	27.8	27.6	27.5
100°	27.5	27.6	27.8	28.1	28.3	28.5	28.3	28.1	27.8	27.6	27.5
102.5°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
105°	327.0	322.9	314.8	306.6	298.5	290.3	298.5	306.6	314.8	322.9	327.0
107.5°	388.1	388.6	389.5	390.4	391.3	392.2	391.3	390.4	389.5	388.6	388.1
110°	451.2	451.5	452.2	452.9	453.6	454.3	453.6	452.9	452.2	451.5	451.2

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	512.4	512.8	513.7	514.6	515.5	516.4	515.5	514.6	513.7	512.8	512.4
115°	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5
117.5°	638.7	638.7	638.7	638.7	638.7	638.7	638.7	638.7	638.7	638.7	638.7
120°	698.8	698.6	698.1	697.6	697.2	696.7	697.2	697.6	698.1	698.6	698.8
122.5°	755.8	755.6	755.1	754.7	754.2	753.8	754.2	754.7	755.1	755.6	755.8
125°	809.8	809.9	810.1	810.4	810.6	810.8	810.6	810.4	810.1	809.9	809.8
127.5°	861.8	861.7	861.4	861.2	860.9	860.7	860.9	861.2	861.4	861.7	861.8
130°	911.7	911.7	911.7	911.7	911.7	911.7	911.7	911.7	911.7	911.7	911.7
132.5°	959.5	959.4	959.2	958.9	958.7	958.5	958.7	958.9	959.2	959.4	959.5
135°	1003.3	1003.5	1004.0	1004.5	1004.9	1005.4	1004.9	1004.5	1004.0	1003.5	1003.3
137.5°	1046.1	1046.0	1045.8	1045.5	1045.3	1045.1	1045.3	1045.5	1045.8	1046.0	1046.1
140°	1085.9	1086.0	1086.2	1086.5	1086.7	1086.9	1086.7	1086.5	1086.2	1086.0	1085.9
142.5°	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5
145°	1155.1	1155.3	1155.8	1156.3	1156.7	1157.2	1156.7	1156.3	1155.8	1155.3	1155.1
147.5°	1185.7	1185.8	1186.0	1186.3	1186.5	1186.7	1186.5	1186.3	1186.0	1185.8	1185.7
150°	1214.2	1214.3	1214.5	1214.8	1215.0	1215.2	1215.0	1214.8	1214.5	1214.3	1214.2
152.5°	1240.7	1240.6	1240.4	1240.1	1239.9	1239.7	1239.9	1240.1	1240.4	1240.6	1240.7
155°	1264.1	1263.8	1263.1	1262.4	1261.8	1261.1	1261.8	1262.4	1263.1	1263.8	1264.1
157.5°	1284.5	1283.9	1282.8	1281.7	1280.5	1279.4	1280.5	1281.7	1282.8	1283.9	1284.5
160°	1303.8	1303.1	1301.8	1300.4	1299.1	1297.7	1299.1	1300.4	1301.8	1303.1	1303.8
162.5°	1319.1	1318.3	1316.7	1315.2	1313.6	1312.0	1313.6	1315.2	1316.7	1318.3	1319.1
165°	1334.4	1333.4	1331.3	1329.3	1327.2	1325.2	1327.2	1329.3	1331.3	1333.4	1334.4
167.5°	1345.6	1344.5	1342.2	1339.9	1337.7	1335.4	1337.7	1339.9	1342.2	1344.5	1345.6
170°	1354.8	1353.7	1351.4	1349.1	1346.9	1344.6	1346.9	1349.1	1351.4	1353.7	1354.8
172.5°	1360.9	1359.7	1357.2	1354.7	1352.2	1349.7	1352.2	1354.7	1357.2	1359.7	1360.9
175°	1366.0	1364.6	1361.9	1359.2	1356.4	1353.7	1356.4	1359.2	1361.9	1364.6	1366.0
177.5°	1368.0	1366.6	1363.9	1361.2	1358.5	1355.8	1358.5	1361.2	1363.9	1366.6	1368.0
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7	1690.7
2.5°	1600.8	1607.6	1604.9	1595.4	1599.5	1607.6	1615.8	1626.7	1633.5	1639.0	1641.7
5°	1506.8	1519.1	1516.4	1516.4	1521.8	1535.4	1549.1	1572.2	1580.4	1589.9	1603.5
7.5°	1423.7	1433.2	1441.4	1444.1	1452.3	1470.0	1487.7	1513.6	1534.1	1545.0	1553.1
10°	1350.1	1357.0	1369.2	1376.0	1384.2	1406.0	1431.9	1459.1	1479.6	1498.6	1509.5
12.5°	1256.1	1283.4	1299.7	1310.6	1321.5	1354.2	1374.7	1404.6	1429.2	1446.9	1463.2
15°	1151.2	1183.9	1193.5	1235.7	1262.9	1288.8	1320.2	1355.6	1378.8	1399.2	1421.0
17.5°	1062.7	1085.8	1096.7	1141.7	1164.9	1205.7	1250.7	1295.6	1331.1	1346.1	1367.9
20°	1006.8	1019.1	1040.9	1055.9	1080.4	1128.1	1177.1	1231.6	1284.7	1299.7	1321.5
22.5°	949.6	965.9	980.9	1001.4	1020.4	1053.1	1102.2	1162.1	1219.4	1246.6	1272.5
25°	897.8	914.2	923.7	945.5	963.2	995.9	1030.0	1091.3	1159.4	1182.6	1223.4
27.5°	857.0	866.5	882.8	892.4	912.8	942.8	974.1	1020.4	1087.2	1126.7	1166.2
30°	816.1	822.9	836.5	850.1	865.1	885.6	921.0	965.9	1027.3	1061.3	1100.8
32.5°	775.2	786.1	794.3	803.8	820.2	844.7	869.2	912.8	961.9	1000.0	1039.5
35°	741.1	745.2	756.1	767.0	777.9	799.7	825.6	867.9	911.4	941.4	976.8
37.5°	704.4	711.2	719.3	723.4	741.1	754.8	782.0	814.7	866.5	885.6	921.0
40°	675.8	674.4	682.6	689.4	697.6	719.3	735.7	771.1	812.0	842.0	863.8
42.5°	640.3	640.3	643.1	651.2	662.1	675.8	694.8	724.8	767.0	788.8	814.7
45°	611.7	607.6	609.0	614.4	621.3	634.9	654.0	679.8	722.1	739.8	767.0
47.5°	577.7	573.6	573.6	579.0	584.5	594.0	609.0	639.0	673.0	696.2	716.6
50°	539.5	540.9	539.5	543.6	546.3	555.9	572.2	596.7	628.1	647.1	670.3
52.5°	504.1	501.4	500.0	502.7	508.2	515.0	532.7	554.5	584.5	603.5	624.0
55°	460.5	463.2	463.2	463.2	471.4	474.1	487.7	509.5	539.5	554.5	573.6
57.5°	421.0	419.6	422.3	421.0	427.8	437.3	448.2	464.6	494.6	509.5	527.3
60°	377.4	378.7	380.1	380.1	385.6	395.1	407.4	422.3	446.9	461.9	478.2
62.5°	324.3	331.1	337.9	340.6	348.8	355.6	363.8	380.1	401.9	412.8	427.8
65°	273.8	283.4	292.9	299.7	305.2	312.0	322.9	337.9	355.6	366.5	381.5
67.5°	230.2	237.1	249.3	256.1	267.0	275.2	282.0	294.3	316.1	320.2	332.4
70°	198.9	201.6	207.1	212.5	224.8	231.6	239.8	252.0	268.4	277.9	284.7
72.5°	167.6	168.9	171.7	177.1	182.6	190.7	200.3	211.2	226.2	230.2	239.8
75°	133.5	141.7	141.7	145.8	149.9	154.0	162.1	173.0	182.6	189.4	194.8
77.5°	99.5	103.5	106.3	113.1	118.5	122.6	128.1	136.2	141.7	147.1	151.2
80°	77.7	79.0	80.4	80.4	83.1	88.6	94.0	99.5	106.3	109.0	113.1
82.5°	57.2	57.2	57.2	59.9	61.3	62.7	62.7	65.4	72.2	74.9	79.0
85°	36.8	36.8	36.8	36.8	38.1	39.5	40.9	42.2	42.2	42.2	45.0
87.5°	15.0	17.7	16.3	17.7	17.7	17.7	17.7	19.1	19.1	20.4	20.4
90°	27.8	26.5	25.1	23.8	22.4	20.6	18.8	17.0	15.2	14.3	13.1
92.5°	26.8	25.5	24.1	22.8	21.4	19.6	17.8	15.9	14.1	13.2	13.4
95°	27.8	26.5	25.1	23.8	22.4	22.2	22.0	21.7	21.5	21.4	25.2
97.5°	26.9	25.8	24.7	23.5	22.4	46.2	70.0	93.7	117.5	129.4	126.9
100°	29.4	33.3	37.1	41.0	44.8	76.0	107.3	138.5	169.8	185.4	183.4
102.5°	55.0	105.9	156.8	207.8	258.7	256.0	253.3	250.6	247.9	246.5	245.1
105°	326.0	323.9	321.9	319.8	317.8	316.7	315.5	314.4	313.3	312.7	312.0
107.5°	387.5	386.4	385.3	384.1	383.0	381.4	379.8	378.3	376.7	375.9	375.6
110°	451.0	450.5	450.1	449.6	449.2	447.8	446.5	445.1	443.8	443.1	442.8

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	512.5	512.7	513.0	513.2	513.4	512.9	512.5	512.0	511.5	511.3	510.6
115°	576.3	575.8	575.4	574.9	574.5	574.7	574.9	575.2	575.4	575.5	575.2
117.5°	638.8	639.0	639.3	639.5	639.7	639.0	638.3	637.6	636.9	636.6	636.2
120°	698.6	698.1	697.6	697.2	696.7	696.9	697.2	697.4	697.7	697.8	697.3
122.5°	755.7	755.5	755.2	755.0	754.8	754.4	753.9	753.5	753.0	752.8	752.6
125°	809.5	808.8	808.1	807.4	806.7	807.2	807.6	808.1	808.6	808.8	808.3
127.5°	861.9	862.1	862.4	862.6	862.8	861.7	860.5	859.4	858.3	857.7	857.6
130°	911.6	911.3	911.1	910.8	910.6	909.9	909.3	908.6	907.9	907.6	907.5
132.5°	959.4	959.2	958.9	958.7	958.5	957.6	956.7	955.8	954.9	954.4	954.2
135°	1003.1	1002.6	1002.2	1001.7	1001.3	1000.4	999.5	998.6	997.7	997.2	997.3
137.5°	1045.9	1045.4	1045.0	1044.5	1044.1	1043.0	1041.8	1040.7	1039.6	1039.0	1039.0
140°	1085.6	1084.9	1084.2	1083.5	1082.8	1082.4	1081.9	1081.5	1081.0	1080.8	1080.6
142.5°	1121.3	1120.8	1120.4	1119.9	1119.5	1119.3	1119.0	1118.8	1118.5	1118.4	1118.0
145°	1155.0	1154.8	1154.5	1154.3	1154.1	1154.1	1154.1	1154.1	1154.1	1154.1	1153.8
147.5°	1185.6	1185.4	1185.1	1184.9	1184.7	1184.9	1185.1	1185.4	1185.6	1185.7	1185.0
150°	1214.2	1214.2	1214.2	1214.2	1214.2	1214.4	1214.6	1214.9	1215.1	1215.2	1214.7
152.5°	1240.5	1240.0	1239.5	1239.1	1238.6	1239.1	1239.5	1240.0	1240.5	1240.7	1240.4
155°	1263.6	1262.7	1261.8	1260.9	1260.0	1260.7	1261.4	1262.1	1262.8	1263.1	1263.0
157.5°	1283.9	1282.8	1281.7	1280.5	1279.4	1280.3	1281.2	1282.1	1283.0	1283.5	1283.5
160°	1303.1	1301.8	1300.4	1299.1	1297.7	1297.9	1298.1	1298.4	1298.6	1298.7	1299.0
162.5°	1318.4	1317.1	1315.7	1314.4	1313.0	1313.2	1313.4	1313.7	1313.9	1314.0	1314.5
165°	1333.5	1331.7	1329.8	1328.0	1326.2	1326.2	1326.2	1326.2	1326.2	1326.2	1326.8
167.5°	1344.6	1342.5	1340.5	1338.4	1336.4	1336.6	1336.8	1337.1	1337.3	1337.4	1338.0
170°	1353.9	1352.1	1350.2	1348.4	1346.6	1346.4	1346.2	1345.9	1345.7	1345.6	1346.3
172.5°	1360.0	1358.2	1356.3	1354.5	1352.7	1352.5	1352.3	1352.0	1351.8	1351.7	1352.4
175°	1365.0	1362.9	1360.9	1358.8	1356.8	1356.6	1356.4	1356.1	1355.9	1355.8	1356.5
177.5°	1367.1	1365.3	1363.5	1361.7	1359.9	1359.4	1359.0	1358.5	1358.0	1357.8	1358.6
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1690.7	1690.7	1690.7	1690.7
2.5°	1652.6	1660.8	1674.4	1693.5
5°	1614.4	1637.6	1659.4	1688.0
7.5°	1580.4	1607.6	1637.6	1678.5
10°	1540.9	1574.9	1613.1	1663.5
12.5°	1494.6	1542.2	1585.8	1640.3
15°	1460.5	1495.9	1551.8	1615.8
17.5°	1412.8	1460.5	1516.4	1588.6
20°	1367.9	1418.3	1480.9	1555.9
22.5°	1320.2	1377.4	1440.1	1520.4
25°	1271.1	1332.4	1395.1	1480.9
27.5°	1226.2	1282.0	1352.9	1440.1
30°	1171.7	1235.7	1303.8	1395.1
32.5°	1118.5	1185.3	1254.8	1346.1
35°	1061.3	1128.1	1204.4	1291.6
37.5°	1005.5	1079.0	1148.5	1233.0
40°	944.1	1020.4	1092.6	1178.5
42.5°	884.2	963.2	1035.4	1109.0
45°	828.3	906.0	971.4	1040.9
47.5°	775.2	844.7	911.4	974.1
50°	723.4	782.0	843.3	895.1
52.5°	668.9	724.8	773.8	820.2
55°	619.9	663.5	707.1	749.3
57.5°	561.3	604.9	643.1	675.8
60°	512.3	539.5	576.3	610.4
62.5°	456.4	487.7	516.4	538.1
65°	401.9	429.2	451.0	470.0
67.5°	355.6	371.9	388.3	408.7
70°	299.7	313.4	332.4	347.4
72.5°	252.0	262.9	272.5	290.2
75°	204.4	213.9	219.3	235.7
77.5°	158.0	167.6	171.7	181.2
80°	121.3	122.6	128.1	136.2
82.5°	83.1	85.8	87.2	94.0
85°	47.7	54.5	53.1	55.9
87.5°	20.4	21.8	24.5	27.2
90°	10.6	8.1	5.6	3.1
92.5°	13.9	14.4	14.8	15.3
95°	32.9	40.6	48.3	56.0
97.5°	121.9	117.0	112.0	107.0
100°	179.3	175.2	171.2	167.1
102.5°	242.4	239.7	237.0	234.3
105°	310.7	309.3	308.0	306.6
107.5°	374.9	374.2	373.5	372.8
110°	442.1	441.4	440.7	440.0

TEST NUMBER: P1033824

CATALOG NUMBER: S124RDIW-B1020D1050UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	509.3	507.9	506.6	505.2
115°	574.5	573.8	573.2	572.5
117.5°	635.3	634.4	633.5	632.6
120°	696.4	695.5	694.6	693.7
122.5°	752.1	751.6	751.2	750.7
125°	807.4	806.5	805.6	804.7
127.5°	857.4	857.1	856.9	856.7
130°	907.3	907.0	906.8	906.6
132.5°	953.7	953.3	952.8	952.4
135°	997.5	997.8	998.0	998.2
137.5°	1039.0	1039.0	1039.0	1039.0
140°	1080.1	1079.6	1079.2	1078.7
142.5°	1117.1	1116.2	1115.3	1114.4
145°	1153.1	1152.4	1151.7	1151.0
147.5°	1183.7	1182.3	1181.0	1179.6
150°	1213.8	1212.9	1212.0	1211.1
152.5°	1239.7	1239.0	1238.3	1237.6
155°	1262.8	1262.5	1262.3	1262.1
157.5°	1283.5	1283.5	1283.5	1283.5
160°	1299.7	1300.4	1301.1	1301.8
162.5°	1315.4	1316.3	1317.2	1318.1
165°	1327.9	1329.0	1330.2	1331.3
167.5°	1339.1	1340.2	1341.4	1342.5
170°	1347.6	1349.0	1350.3	1351.7
172.5°	1353.7	1355.1	1356.4	1357.8
175°	1357.8	1359.2	1360.5	1361.9
177.5°	1360.2	1361.8	1363.4	1365.0
180°	1361.9	1361.9	1361.9	1361.9

(END OF REPORT)