

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: P1012157

Luminaire Tested: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012157
REPORT IS A COMBINATION OF REPORTS P992782 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1
Description: Define 3 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

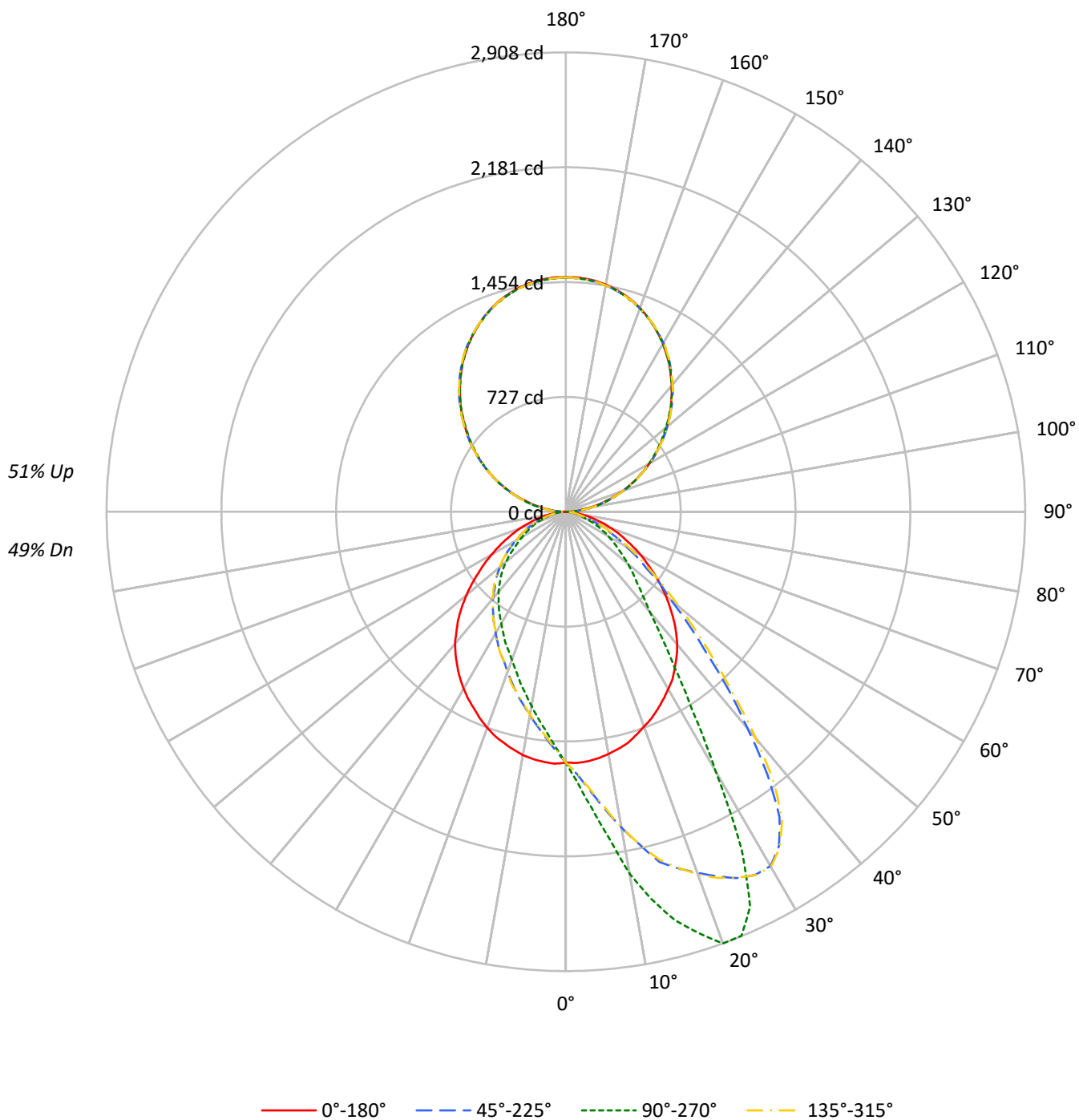
Lumens per Lamp: N/A
Luminaire Lumens: 8068.0 lumens
Efficiency: N/A
Efficacy: 98.6 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 81.8
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

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

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	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55
1	98	94	90	87	90	87	84	81	73	71	69	61	60	58	50	49	48
2	90	83	77	72	83	77	72	67	65	61	58	54	52	49	44	43	41
3	82	73	66	61	76	68	62	57	58	53	50	49	45	42	40	38	36
4	76	65	58	52	69	61	54	49	52	47	43	44	40	37	36	33	31
5	70	58	51	45	64	54	47	42	47	41	37	39	35	32	33	30	27
6	64	53	45	39	59	49	42	37	42	37	33	36	32	29	30	27	24
7	59	48	40	34	55	44	37	33	38	33	29	33	29	25	27	24	22
8	55	43	36	31	51	40	34	29	35	30	26	30	26	23	25	22	20
9	52	40	32	27	48	37	30	26	32	27	23	28	24	21	23	20	18
10	48	36	29	25	45	34	28	23	30	25	21	26	22	19	22	19	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	17083	17083	17083	17083
5°	17097	19676	17140	14597
10°	16945	23751	17019	12750
15°	16771	26957	16771	11242
20°	16428	29076	16520	9973
25°	16176	27625	16143	9100
30°	15883	19140	15850	8246
35°	15531	12288	15460	7602
40°	15092	8677	15016	6962
45°	14328	6945	14308	6338
50°	13391	5809	13346	5609
55°	12336	4788	12236	4755
60°	11299	3958	11188	4044
65°	10085	3167	10150	3427
70°	8964	2201	9203	2771
75°	7596	1632	7908	2130
80°	6048	1083	6564	1597
85°	4303	512	4697	993

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 22807 cd/sqm

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.9	1.9
10°-20°	487.9	6.0
20°-30°	768.4	9.5
30°-40°	799.0	9.9
40°-50°	683.6	8.5
50°-60°	521.2	6.5
60°-70°	333.9	4.1
70°-80°	160.0	2.0
80°-90°	45.2	0.6
90°-100°	95.6	1.2
100°-110°	289.2	3.6
110°-120°	492.4	6.1
120°-130°	647.7	8.0
130°-140°	728.0	9.0
140°-150°	715.8	8.9
150°-160°	602.6	7.5
160°-170°	401.2	5.0
170°-180°	140.5	1.7
0°-30°	1412.2	17.5
0°-40°	2211.2	27.4
0°-60°	3416.0	42.3
0°-90°	3955.1	49.0
90°-120°	877.1	10.9
90°-150°	2968.6	36.8
90°-180°	4113.0	51.0
0°-180°	8068.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1587	1587	1587	1587	1587	
5°	1586	1885	1590	1398	1586	150
15°	1515	2678	1515	1117	1515	426
25°	1378	2760	1375	909	1378	635
35°	1203	1197	1197	741	1203	753
45°	965	639	963	583	965	743
55°	681	401	675	398	681	610
65°	417	231	420	250	417	417
75°	200	98	208	128	200	216
85°	45	23	49	45	45	50
90°	1	35	1	35	1	8
95°	69	91	69	91	69	76
105°	262	278	262	278	262	281
115°	496	497	496	497	496	490
125°	725	717	725	717	725	647
135°	941	940	941	940	941	725
145°	1142	1142	1142	1142	1142	713
155°	1307	1305	1307	1305	1307	602
165°	1424	1419	1424	1419	1424	402
175°	1481	1475	1481	1475	1481	141
180°	1484	1484	1484	1484	1484	

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1591.2	1602.1	1610.2	1615.6	1629.2	1637.4	1644.2	1656.4	1656.4	1659.1	1664.6
5°	1585.8	1608.9	1625.2	1646.9	1675.4	1689.0	1708.0	1724.4	1747.5	1759.7	1771.9
7.5°	1573.5	1606.1	1640.1	1672.7	1714.8	1742.0	1761.0	1803.2	1833.1	1869.8	1898.3
10°	1557.2	1602.1	1645.5	1695.8	1752.9	1793.7	1822.2	1877.9	1935.0	1986.6	2030.1
12.5°	1536.8	1591.2	1653.7	1714.8	1795.0	1835.8	1882.0	1951.3	2032.8	2098.0	2156.5
15°	1515.1	1577.6	1648.3	1723.0	1823.5	1880.6	1947.2	2031.5	2122.5	2216.3	2296.4
17.5°	1481.1	1559.9	1638.7	1747.5	1865.7	1899.6	1956.7	2072.2	2185.0	2269.2	2367.1
20°	1447.2	1535.5	1634.7	1732.5	1860.2	1939.1	1992.0	2114.3	2235.3	2337.2	2430.9
22.5°	1415.9	1508.3	1611.6	1735.2	1854.8	1933.6	2000.2	2127.9	2267.9	2382.0	2497.5
25°	1377.9	1478.4	1592.5	1709.4	1854.8	1914.6	1988.0	2136.1	2284.2	2416.0	2558.7
27.5°	1337.1	1439.0	1551.8	1671.4	1804.5	1892.9	1964.9	2123.9	2304.6	2445.9	2592.6
30°	1296.3	1401.0	1509.7	1617.0	1766.5	1850.7	1933.6	2108.9	2315.4	2477.1	2589.9
32.5°	1256.9	1345.2	1452.6	1557.2	1705.3	1797.7	1891.5	2094.0	2319.5	2455.4	2509.8
35°	1202.6	1295.0	1381.9	1493.4	1642.8	1733.9	1843.9	2092.6	2301.9	2386.1	2358.9
37.5°	1152.3	1229.7	1312.6	1411.8	1565.4	1683.6	1797.7	2057.3	2243.4	2248.9	2095.3
40°	1096.6	1160.4	1229.7	1334.4	1500.1	1617.0	1740.7	2002.9	2137.4	2057.3	1786.9
42.5°	1032.7	1089.8	1144.1	1246.0	1426.8	1557.2	1690.4	1935.0	1983.9	1799.1	1517.8
45°	964.8	1011.0	1061.2	1168.6	1349.3	1478.4	1611.6	1830.3	1780.1	1519.2	1251.5
47.5°	894.1	933.5	982.4	1080.3	1266.4	1398.2	1524.6	1680.9	1553.1	1273.2	1049.0
50°	823.5	854.7	902.3	1002.8	1182.2	1301.8	1418.6	1520.5	1341.2	1092.5	866.9
52.5°	754.2	778.6	827.5	913.1	1087.1	1201.2	1285.5	1324.9	1142.8	902.3	752.8
55°	680.8	708.0	740.6	827.5	1000.1	1084.3	1140.1	1138.7	951.2	765.0	622.3
57.5°	610.1	634.6	663.1	750.1	890.0	947.1	994.7	971.6	793.6	626.4	534.0
60°	547.6	561.2	592.4	665.8	771.8	820.7	847.9	808.5	648.2	528.6	441.6
62.5°	479.7	493.3	519.1	588.4	653.6	679.4	702.5	652.2	535.4	430.7	377.8
65°	417.2	434.8	451.1	506.8	542.2	573.4	570.7	528.6	418.5	350.6	307.1
67.5°	362.8	369.6	383.2	417.2	433.5	456.6	457.9	410.4	337.0	285.4	259.5
70°	304.4	311.2	320.7	337.0	347.9	353.3	350.6	308.5	254.1	222.8	199.7
72.5°	254.1	252.7	259.5	259.5	270.4	269.0	260.9	228.3	193.0	167.1	153.5
75°	199.7	201.1	202.5	199.7	195.7	190.2	183.4	159.0	135.9	123.7	111.4
77.5°	156.3	153.5	154.9	145.4	140.0	134.5	125.0	112.8	93.8	91.0	85.6
80°	111.4	110.1	108.7	104.6	92.4	87.0	80.2	73.4	69.3	66.6	65.2
82.5°	74.7	74.7	72.0	63.9	57.1	53.0	51.6	48.9	44.8	44.8	43.5
85°	44.8	43.5	40.8	32.6	28.5	28.5	28.5	28.5	25.8	25.8	24.5
87.5°	17.7	16.3	12.2	12.2	10.9	10.9	10.9	9.5	9.5	8.2	8.2
90°	1.2	3.8	6.4	8.9	11.5	12.8	14.5	17.9	21.2	24.6	28.0
92.5°	35.0	36.6	38.1	39.7	41.2	42.0	42.8	44.3	45.9	47.4	49.0
95°	68.8	70.6	72.4	74.3	76.1	77.0	78.0	80.1	82.2	84.2	86.3
97.5°	113.1	114.4	115.7	117.0	118.3	118.9	119.7	121.2	122.8	124.3	125.9
100°	158.6	160.2	161.7	163.3	164.8	165.6	166.2	167.5	168.8	170.1	171.4
102.5°	211.1	211.9	212.6	213.4	214.1	214.5	215.4	217.2	219.1	220.9	222.7
105°	262.4	262.9	263.4	263.9	264.4	264.7	265.9	268.2	270.5	272.9	275.2
107.5°	323.0	323.3	323.5	323.8	324.1	324.2	324.7	325.7	326.8	327.8	328.8
110°	379.0	379.5	380.0	380.5	381.0	381.3	381.6	382.1	382.6	383.1	383.6

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	437.3	437.5	437.8	438.0	438.3	438.4	438.4	438.4	438.4	438.4	438.4
115°	495.6	496.4	497.2	497.9	498.7	499.1	498.8	498.3	497.8	497.2	496.7
117.5°	555.0	555.3	555.5	555.8	556.1	556.2	555.9	555.4	554.9	554.4	553.9
120°	609.8	611.4	612.9	614.5	616.0	616.8	616.2	614.9	613.6	612.3	611.0
122.5°	667.0	668.0	669.0	670.1	671.1	671.6	671.3	670.8	670.3	669.8	669.3
125°	725.3	726.1	726.9	727.6	728.4	728.8	728.5	728.0	727.5	726.9	726.4
127.5°	778.9	780.5	782.0	783.6	785.1	785.9	785.6	785.1	784.6	784.1	783.6
130°	832.5	834.6	836.7	838.8	840.9	841.9	841.5	840.7	840.0	839.2	838.4
132.5°	886.2	888.3	890.3	892.4	894.5	895.5	895.2	894.7	894.2	893.7	893.2
135°	941.0	942.6	944.1	945.7	947.2	948.0	947.9	947.6	947.3	947.1	946.8
137.5°	991.1	992.4	993.7	995.0	996.3	997.0	997.4	998.1	998.9	999.6	1000.4
140°	1043.6	1044.9	1046.2	1047.5	1048.8	1049.4	1049.5	1049.8	1050.1	1050.3	1050.6
142.5°	1091.4	1092.7	1094.0	1095.3	1096.6	1097.2	1097.5	1098.0	1098.5	1099.1	1099.6
145°	1141.5	1142.0	1142.6	1143.1	1143.6	1143.9	1144.3	1145.1	1145.8	1146.6	1147.4
147.5°	1184.7	1185.7	1186.7	1187.8	1188.8	1189.3	1189.7	1190.5	1191.2	1192.0	1192.8
150°	1230.2	1230.7	1231.2	1231.7	1232.2	1232.5	1232.8	1233.3	1233.8	1234.3	1234.8
152.5°	1267.5	1268.3	1269.1	1269.8	1270.6	1271.0	1271.1	1271.4	1271.6	1271.9	1272.1
155°	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.2	1307.5	1307.8	1308.0	1308.3
157.5°	1340.9	1340.7	1340.4	1340.2	1339.9	1339.8	1339.9	1340.2	1340.4	1340.7	1340.9
160°	1372.4	1371.9	1371.4	1370.9	1370.4	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1
162.5°	1400.4	1399.6	1398.8	1398.1	1397.3	1396.9	1397.0	1397.3	1397.6	1397.8	1398.1
165°	1423.7	1422.9	1422.1	1421.4	1420.6	1420.2	1420.2	1420.2	1420.2	1420.2	1420.2
167.5°	1443.5	1442.5	1441.5	1440.4	1439.4	1438.9	1439.0	1439.3	1439.5	1439.8	1440.0
170°	1459.9	1458.9	1457.8	1456.8	1455.7	1455.2	1455.2	1455.2	1455.2	1455.2	1455.2
172.5°	1472.7	1471.7	1470.6	1469.6	1468.5	1468.0	1468.0	1468.0	1468.0	1468.0	1468.0
175°	1480.9	1479.9	1478.8	1477.8	1476.7	1476.2	1476.2	1476.2	1476.2	1476.2	1476.2
177.5°	1485.5	1484.5	1483.5	1482.4	1481.4	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1675.4	1675.4	1687.7	1699.9	1693.1	1697.2	1712.1	1706.7	1717.6	1716.2	1720.3
5°	1801.8	1816.8	1829.0	1854.8	1858.9	1854.8	1880.6	1887.4	1899.6	1884.7	1891.5
7.5°	1944.5	1975.7	2005.6	2043.7	2055.9	2058.6	2072.2	2091.2	2107.5	2077.7	2092.6
10°	2083.1	2130.6	2191.8	2225.8	2255.7	2266.5	2277.4	2289.6	2308.7	2326.3	2312.7
12.5°	2232.6	2301.9	2360.3	2421.4	2458.1	2454.0	2485.3	2493.5	2508.4	2512.5	2517.9
15°	2354.9	2452.7	2489.4	2580.4	2588.6	2615.7	2651.1	2682.3	2686.4	2678.3	2678.3
17.5°	2471.7	2556.0	2621.2	2694.6	2709.5	2732.6	2777.4	2792.4	2797.8	2796.5	2796.5
20°	2566.8	2622.5	2732.6	2793.8	2818.2	2848.1	2879.4	2898.4	2902.5	2907.9	2899.7
22.5°	2629.3	2713.6	2803.3	2853.5	2873.9	2884.8	2905.2	2910.6	2903.8	2905.2	2906.5
25°	2678.3	2761.1	2815.5	2829.1	2827.7	2814.1	2799.2	2773.4	2770.7	2759.8	2738.0
27.5°	2691.8	2723.1	2716.3	2660.6	2604.9	2599.4	2509.8	2460.8	2405.1	2413.3	2382.0
30°	2618.5	2577.7	2481.2	2339.9	2281.5	2186.4	2085.8	1981.2	1940.4	1895.6	1978.5
32.5°	2439.1	2293.7	2122.5	1939.1	1841.2	1757.0	1649.6	1573.5	1530.0	1493.4	1564.0
35°	2168.7	1941.8	1714.8	1540.9	1460.7	1384.6	1284.1	1246.0	1191.7	1197.1	1203.9
37.5°	1820.8	1570.8	1399.6	1228.4	1175.4	1144.1	1070.8	1012.3	993.3	987.9	987.9
40°	1494.7	1289.5	1137.3	1002.8	962.1	936.2	877.8	850.6	830.2	824.8	831.6
42.5°	1236.5	1061.2	943.0	853.3	824.8	792.2	767.7	733.8	729.7	720.2	732.4
45°	1038.1	886.0	797.6	732.4	708.0	695.7	668.5	648.2	640.0	638.7	648.2
47.5°	880.5	762.3	684.9	644.1	625.1	612.8	589.7	581.6	573.4	576.1	572.1
50°	739.2	650.9	600.6	563.9	551.7	539.5	524.5	516.4	512.3	512.3	510.9
52.5°	634.6	561.2	528.6	494.6	489.2	482.4	466.1	460.6	453.8	452.5	457.9
55°	543.5	493.3	460.6	440.3	434.8	421.2	414.4	407.6	403.6	400.9	402.2
57.5°	464.7	426.7	404.9	387.3	377.8	372.3	360.1	358.7	356.0	356.0	354.7
60°	399.5	372.3	346.5	335.6	328.8	322.0	320.7	312.5	308.5	311.2	309.8
62.5°	338.3	316.6	301.7	289.4	285.4	279.9	275.8	273.1	269.0	270.4	270.4
65°	282.6	265.0	254.1	243.2	241.9	236.4	235.1	232.4	232.4	231.0	233.7
67.5°	232.4	220.1	210.6	203.8	199.7	201.1	195.7	191.6	191.6	190.2	194.3
70°	184.8	178.0	168.5	160.3	154.9	154.9	148.1	146.8	146.8	146.8	145.4
72.5°	142.7	130.4	126.4	123.7	123.7	123.7	120.9	120.9	119.6	120.9	119.6
75°	106.0	104.6	101.9	100.6	100.6	99.2	97.8	97.8	97.8	97.8	97.8
77.5°	82.9	82.9	80.2	78.8	78.8	78.8	77.5	77.5	76.1	76.1	76.1
80°	61.1	61.1	58.4	58.4	58.4	57.1	57.1	57.1	58.4	57.1	57.1
82.5°	42.1	42.1	40.8	42.1	40.8	39.4	39.4	39.4	38.0	39.4	39.4
85°	24.5	24.5	23.1	21.7	23.1	23.1	21.7	23.1	21.7	23.1	21.7
87.5°	9.5	8.2	8.2	8.2	6.8	8.2	6.8	6.8	8.2	6.8	8.2
90°	29.0	30.0	31.1	32.1	32.6	32.9	33.4	33.9	34.5	35.0	34.5
92.5°	49.8	50.6	51.3	52.1	52.5	52.2	51.7	51.2	50.6	50.1	50.6
95°	87.3	88.3	89.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9
97.5°	127.2	128.5	129.8	131.1	131.8	131.7	131.4	131.1	130.9	130.6	130.9
100°	172.2	173.0	173.7	174.5	174.9	175.2	175.7	176.2	176.7	177.2	176.7
102.5°	223.5	224.3	225.0	225.8	226.2	226.1	225.8	225.5	225.3	225.0	225.3
105°	275.2	275.2	275.2	275.2	275.2	275.5	276.0	276.5	277.0	277.5	277.0
107.5°	329.6	330.4	331.1	331.9	332.3	332.2	331.9	331.7	331.4	331.2	331.4
110°	384.6	385.7	386.7	387.8	388.3	388.0	387.5	387.0	386.5	386.0	386.5

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	439.7	441.0	442.3	443.6	444.3	444.3	444.3	444.3	444.3	444.3	444.3
115°	497.0	497.2	497.5	497.8	497.9	497.8	497.5	497.2	497.0	496.7	497.0
117.5°	553.9	553.9	553.9	553.9	553.9	553.5	552.7	552.0	551.2	550.4	551.2
120°	610.7	610.5	610.2	609.9	609.8	609.5	609.0	608.5	608.0	607.5	608.0
122.5°	668.5	667.7	667.0	666.2	665.8	665.4	664.6	663.9	663.1	662.3	663.1
125°	725.4	724.4	723.3	722.3	721.8	721.3	720.2	719.2	718.1	717.1	718.1
127.5°	782.0	780.5	778.9	777.4	776.6	776.1	775.0	774.0	772.9	771.9	772.9
130°	837.4	836.3	835.3	834.2	833.7	832.8	831.0	829.1	827.3	825.5	827.3
132.5°	891.9	890.6	889.3	888.0	887.3	886.7	885.4	884.1	882.8	881.5	882.8
135°	945.8	944.7	943.7	942.6	942.1	941.8	941.3	940.8	940.3	939.8	940.3
137.5°	999.1	997.8	996.5	995.2	994.6	994.2	993.4	992.7	991.9	991.1	991.9
140°	1050.3	1050.1	1049.8	1049.5	1049.4	1048.5	1046.7	1044.9	1043.1	1041.3	1043.1
142.5°	1099.3	1099.1	1098.8	1098.5	1098.4	1097.8	1096.5	1095.2	1093.9	1092.6	1093.9
145°	1147.1	1146.9	1146.6	1146.3	1146.2	1145.7	1144.6	1143.6	1142.5	1141.5	1142.5
147.5°	1192.8	1192.8	1192.8	1192.8	1192.8	1192.0	1190.5	1188.9	1187.4	1185.8	1187.4
150°	1234.8	1234.8	1234.8	1234.8	1234.8	1234.0	1232.5	1230.9	1229.4	1227.8	1229.4
152.5°	1272.6	1273.2	1273.7	1274.2	1274.5	1273.8	1272.5	1271.2	1269.9	1268.6	1269.9
155°	1309.3	1310.3	1311.4	1312.4	1312.9	1312.0	1310.2	1308.4	1306.6	1304.8	1306.6
157.5°	1341.9	1343.0	1344.0	1345.1	1345.6	1344.8	1343.3	1341.7	1340.2	1338.6	1340.2
160°	1371.4	1372.7	1374.0	1375.3	1375.9	1375.4	1374.3	1373.3	1372.2	1371.2	1372.2
162.5°	1399.4	1400.7	1402.0	1403.3	1403.9	1403.0	1401.2	1399.3	1397.5	1395.7	1397.5
165°	1421.8	1423.3	1424.9	1426.4	1427.2	1426.3	1424.5	1422.7	1420.9	1419.1	1420.9
167.5°	1441.6	1443.1	1444.7	1446.2	1447.0	1446.2	1444.7	1443.1	1441.6	1440.0	1441.6
170°	1457.0	1458.8	1460.7	1462.5	1463.4	1462.5	1460.7	1458.8	1457.0	1455.2	1457.0
172.5°	1469.6	1471.1	1472.7	1474.2	1475.0	1474.1	1472.3	1470.5	1468.7	1466.9	1468.7
175°	1477.8	1479.3	1480.9	1482.4	1483.2	1482.3	1480.5	1478.6	1476.8	1475.0	1476.8
177.5°	1482.4	1484.0	1485.5	1487.0	1487.8	1486.9	1485.1	1483.3	1481.5	1479.7	1481.5
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1713.5	1705.3	1699.9	1695.8	1691.7	1704.0	1687.7	1670.0	1657.8	1649.6	1646.9
5°	1892.9	1875.2	1860.2	1848.0	1850.7	1850.7	1822.2	1790.9	1763.8	1748.8	1732.5
7.5°	2100.8	2081.7	2051.8	2045.0	2039.6	2005.6	1977.1	1920.0	1886.1	1852.1	1822.2
10°	2307.3	2282.8	2254.3	2244.8	2231.2	2189.1	2145.6	2072.2	2030.1	1967.6	1928.2
12.5°	2500.2	2470.4	2441.8	2435.0	2414.6	2378.0	2303.2	2227.1	2155.1	2088.5	2019.2
15°	2661.9	2653.8	2610.3	2583.1	2538.3	2488.0	2471.7	2368.4	2277.4	2208.1	2083.1
17.5°	2797.8	2759.8	2719.0	2701.4	2683.7	2625.3	2566.8	2460.8	2363.0	2261.1	2180.9
20°	2906.5	2864.4	2835.9	2810.1	2801.9	2735.3	2642.9	2549.2	2441.8	2327.7	2223.0
22.5°	2912.0	2906.5	2887.5	2872.6	2856.3	2812.8	2739.4	2622.5	2508.4	2383.4	2246.1
25°	2799.2	2791.0	2845.4	2831.8	2842.7	2826.4	2787.0	2689.1	2556.0	2409.2	2270.6
27.5°	2459.5	2542.4	2628.0	2657.9	2678.3	2736.7	2755.7	2701.4	2594.0	2437.7	2282.8
30°	1997.5	2107.5	2246.1	2320.9	2378.0	2486.7	2628.0	2645.6	2595.4	2470.4	2280.1
32.5°	1568.1	1668.6	1780.1	1868.4	1944.5	2167.3	2357.6	2494.8	2519.3	2454.0	2286.9
35°	1263.7	1307.2	1413.2	1497.4	1600.7	1790.9	2015.1	2236.6	2386.1	2394.3	2266.5
37.5°	1042.2	1065.3	1157.7	1205.3	1266.4	1433.6	1642.8	1932.3	2164.6	2274.7	2209.5
40°	862.9	915.9	968.8	996.0	1039.5	1155.0	1356.1	1583.0	1871.1	2074.9	2121.1
42.5°	748.7	771.8	805.8	843.8	871.0	971.6	1106.1	1314.0	1573.5	1857.5	1985.3
45°	660.4	668.5	703.9	728.3	756.9	827.5	922.6	1096.6	1324.9	1604.8	1822.2
47.5°	587.0	603.3	622.3	637.3	656.3	710.7	792.2	918.6	1119.7	1369.7	1603.4
50°	521.8	531.3	555.8	562.6	576.1	614.2	676.7	773.2	939.0	1138.7	1380.6
52.5°	460.6	478.3	487.8	497.3	509.6	540.8	581.6	660.4	785.4	972.9	1178.1
55°	413.1	418.5	432.1	440.3	449.8	471.5	506.8	565.3	663.1	812.6	1006.9
57.5°	366.9	366.9	380.5	387.3	396.8	413.1	444.3	489.2	559.8	671.3	849.3
60°	318.0	319.3	330.2	338.3	341.1	357.4	383.2	418.5	472.9	554.4	699.8
62.5°	274.5	281.3	286.7	289.4	298.9	308.5	330.2	354.7	392.7	464.7	568.0
65°	237.8	239.2	243.2	245.9	250.0	260.9	277.2	293.5	326.1	379.1	463.4
67.5°	195.7	201.1	206.5	206.5	210.6	216.1	232.4	245.9	270.4	301.7	358.7
70°	146.8	149.5	157.6	161.7	167.1	176.6	184.8	193.0	212.0	235.1	278.6
72.5°	122.3	122.3	125.0	126.4	126.4	133.2	145.4	153.5	163.1	179.4	209.3
75°	97.8	97.8	101.9	100.6	103.3	106.0	107.3	112.8	118.2	130.4	148.1
77.5°	77.5	78.8	78.8	80.2	80.2	81.5	82.9	85.6	88.3	95.1	103.3
80°	57.1	58.4	58.4	59.8	59.8	61.1	62.5	63.9	66.6	69.3	73.4
82.5°	39.4	40.8	40.8	42.1	40.8	42.1	43.5	43.5	44.8	47.6	48.9
85°	23.1	23.1	24.5	23.1	23.1	23.1	24.5	24.5	25.8	29.9	29.9
87.5°	6.8	8.2	6.8	8.2	8.2	8.2	8.2	9.5	9.5	10.9	12.2
90°	33.9	33.4	32.9	32.6	32.1	31.1	30.0	29.0	28.0	24.6	21.2
92.5°	51.2	51.7	52.2	52.5	52.1	51.3	50.6	49.8	49.0	47.4	45.9
95°	90.9	90.9	90.9	90.9	90.4	89.4	88.3	87.3	86.3	84.2	82.2
97.5°	131.1	131.4	131.7	131.8	131.1	129.8	128.5	127.2	125.9	124.3	122.8
100°	176.2	175.7	175.2	174.9	174.5	173.7	173.0	172.2	171.4	170.1	168.8
102.5°	225.5	225.8	226.1	226.2	225.8	225.0	224.3	223.5	222.7	220.9	219.1
105°	276.5	276.0	275.5	275.2	275.2	275.2	275.2	275.2	275.2	272.9	270.5
107.5°	331.7	331.9	332.2	332.3	331.9	331.1	330.4	329.6	328.8	327.8	326.8
110°	387.0	387.5	388.0	388.3	387.8	386.7	385.7	384.6	383.6	383.1	382.6

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	444.3	444.3	444.3	444.3	443.6	442.3	441.0	439.7	438.4	438.4	438.4
115°	497.2	497.5	497.8	497.9	497.8	497.5	497.2	497.0	496.7	497.2	497.8
117.5°	552.0	552.7	553.5	553.9	553.9	553.9	553.9	553.9	553.9	554.4	554.9
120°	608.5	609.0	609.5	609.8	609.9	610.2	610.5	610.7	611.0	612.3	613.6
122.5°	663.9	664.6	665.4	665.8	666.2	667.0	667.7	668.5	669.3	669.8	670.3
125°	719.2	720.2	721.3	721.8	722.3	723.3	724.4	725.4	726.4	726.9	727.5
127.5°	774.0	775.0	776.1	776.6	777.4	778.9	780.5	782.0	783.6	784.1	784.6
130°	829.1	831.0	832.8	833.7	834.2	835.3	836.3	837.4	838.4	839.2	840.0
132.5°	884.1	885.4	886.7	887.3	888.0	889.3	890.6	891.9	893.2	893.7	894.2
135°	940.8	941.3	941.8	942.1	942.6	943.7	944.7	945.8	946.8	947.1	947.3
137.5°	992.7	993.4	994.2	994.6	995.2	996.5	997.8	999.1	1000.4	999.6	998.9
140°	1044.9	1046.7	1048.5	1049.4	1049.5	1049.8	1050.1	1050.3	1050.6	1050.3	1050.1
142.5°	1095.2	1096.5	1097.8	1098.4	1098.5	1098.8	1099.1	1099.3	1099.6	1099.1	1098.5
145°	1143.6	1144.6	1145.7	1146.2	1146.3	1146.6	1146.9	1147.1	1147.4	1146.6	1145.8
147.5°	1188.9	1190.5	1192.0	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.0	1191.2
150°	1230.9	1232.5	1234.0	1234.8	1234.8	1234.8	1234.8	1234.8	1234.8	1234.3	1233.8
152.5°	1271.2	1272.5	1273.8	1274.5	1274.2	1273.7	1273.2	1272.6	1272.1	1271.9	1271.6
155°	1308.4	1310.2	1312.0	1312.9	1312.4	1311.4	1310.3	1309.3	1308.3	1308.0	1307.8
157.5°	1341.7	1343.3	1344.8	1345.6	1345.1	1344.0	1343.0	1341.9	1340.9	1340.7	1340.4
160°	1373.3	1374.3	1375.4	1375.9	1375.3	1374.0	1372.7	1371.4	1370.1	1370.1	1370.1
162.5°	1399.3	1401.2	1403.0	1403.9	1403.3	1402.0	1400.7	1399.4	1398.1	1397.8	1397.6
165°	1422.7	1424.5	1426.3	1427.2	1426.4	1424.9	1423.3	1421.8	1420.2	1420.2	1420.2
167.5°	1443.1	1444.7	1446.2	1447.0	1446.2	1444.7	1443.1	1441.6	1440.0	1439.8	1439.5
170°	1458.8	1460.7	1462.5	1463.4	1462.5	1460.7	1458.8	1457.0	1455.2	1455.2	1455.2
172.5°	1470.5	1472.3	1474.1	1475.0	1474.2	1472.7	1471.1	1469.6	1468.0	1468.0	1468.0
175°	1478.6	1480.5	1482.3	1483.2	1482.4	1480.9	1479.3	1477.8	1476.2	1476.2	1476.2
177.5°	1483.3	1485.1	1486.9	1487.8	1487.0	1485.5	1484.0	1482.4	1480.9	1480.9	1480.9
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1642.8	1636.0	1629.2	1629.2	1614.3	1600.7	1593.9	1596.6	1588.5	1577.6	1566.7
5°	1714.8	1687.7	1682.2	1667.3	1646.9	1618.4	1603.4	1589.8	1573.5	1551.8	1531.4
7.5°	1781.4	1746.1	1727.1	1712.1	1672.7	1633.3	1600.7	1579.0	1550.4	1517.8	1493.4
10°	1868.4	1803.2	1782.8	1748.8	1693.1	1637.4	1599.3	1564.0	1524.6	1486.6	1453.9
12.5°	1937.7	1863.0	1824.9	1790.9	1718.9	1648.3	1584.4	1540.9	1493.4	1451.2	1409.1
15°	2016.5	1932.3	1865.7	1824.9	1733.9	1648.3	1576.2	1515.1	1462.1	1410.5	1373.8
17.5°	2054.6	1948.6	1918.7	1860.2	1728.4	1642.8	1554.5	1489.3	1425.4	1365.6	1322.1
20°	2114.3	1990.7	1916.0	1876.5	1759.7	1633.3	1530.0	1455.3	1388.7	1324.9	1278.7
22.5°	2118.4	1983.9	1935.0	1860.2	1716.2	1604.8	1508.3	1417.3	1339.8	1280.0	1232.5
25°	2108.9	1971.7	1903.7	1843.9	1724.4	1588.5	1464.8	1375.1	1299.0	1229.7	1174.0
27.5°	2104.8	1936.3	1872.5	1812.7	1678.2	1540.9	1439.0	1337.1	1250.1	1189.0	1131.9
30°	2099.4	1898.3	1820.8	1751.5	1627.9	1504.2	1381.9	1293.6	1210.7	1133.3	1076.2
32.5°	2064.1	1846.6	1767.8	1694.5	1561.3	1437.6	1341.2	1247.4	1157.7	1085.7	1034.1
35°	2053.2	1799.1	1695.8	1617.0	1486.6	1376.5	1274.6	1197.1	1112.9	1040.9	979.7
37.5°	2021.9	1750.2	1638.7	1538.2	1402.3	1297.7	1222.9	1145.5	1064.0	986.5	937.6
40°	1967.6	1693.1	1566.7	1463.5	1323.5	1217.5	1148.2	1091.1	1011.0	941.7	881.9
42.5°	1887.4	1634.7	1498.8	1390.1	1235.2	1136.0	1078.9	1024.6	956.6	884.6	835.7
45°	1795.0	1557.2	1430.8	1309.9	1152.3	1055.8	996.0	963.4	900.9	839.8	782.7
47.5°	1668.6	1477.0	1352.0	1227.0	1066.7	972.9	925.4	892.8	849.3	782.7	736.5
50°	1509.7	1373.8	1255.6	1144.1	982.4	892.8	845.2	820.7	784.0	736.5	691.6
52.5°	1333.0	1254.2	1156.4	1053.1	896.8	812.6	769.1	750.1	722.9	678.1	640.0
55°	1155.0	1121.0	1054.5	952.5	807.1	737.8	699.8	675.3	655.0	622.3	589.7
57.5°	996.0	979.7	933.5	854.7	732.4	660.4	627.8	611.5	595.2	570.7	538.1
60°	831.6	849.3	801.7	762.3	650.9	588.4	559.8	542.2	534.0	512.3	491.9
62.5°	688.9	705.2	678.1	648.2	569.3	513.6	496.0	479.7	474.2	455.2	434.8
65°	559.8	580.2	559.8	543.5	496.0	449.8	428.0	419.9	414.4	402.2	385.9
67.5°	445.7	466.1	456.6	436.2	421.2	383.2	371.0	362.8	360.1	350.6	337.0
70°	335.6	364.2	366.9	354.7	341.1	323.4	315.2	312.5	305.7	297.6	289.4
72.5°	241.9	274.5	275.8	275.8	267.7	267.7	259.5	255.5	255.5	247.3	237.8
75°	178.0	199.7	202.5	205.2	209.3	213.3	207.9	207.9	206.5	198.4	194.3
77.5°	118.2	137.2	144.0	153.5	159.0	159.0	161.7	164.4	161.7	157.6	154.9
80°	76.1	89.7	97.8	103.3	111.4	115.5	119.6	120.9	118.2	116.9	112.8
82.5°	50.3	54.4	58.4	65.2	74.7	81.5	81.5	80.2	82.9	81.5	80.2
85°	28.5	31.3	32.6	34.0	39.4	46.2	47.6	48.9	51.6	48.9	46.2
87.5°	10.9	12.2	12.2	12.2	14.9	16.3	20.4	25.8	24.5	21.7	21.7
90°	17.9	14.5	12.8	11.5	8.9	6.4	3.8	1.2	3.8	6.4	8.9
92.5°	44.3	42.8	42.0	41.2	39.7	38.1	36.6	35.0	36.6	38.1	39.7
95°	80.1	78.0	77.0	76.1	74.3	72.4	70.6	68.8	70.6	72.4	74.3
97.5°	121.2	119.7	118.9	118.3	117.0	115.7	114.4	113.1	114.4	115.7	117.0
100°	167.5	166.2	165.6	164.8	163.3	161.7	160.2	158.6	160.2	161.7	163.3
102.5°	217.2	215.4	214.5	214.1	213.4	212.6	211.9	211.1	211.9	212.6	213.4
105°	268.2	265.9	264.7	264.4	263.9	263.4	262.9	262.4	262.9	263.4	263.9
107.5°	325.7	324.7	324.2	324.1	323.8	323.5	323.3	323.0	323.3	323.5	323.8
110°	382.1	381.6	381.3	381.0	380.5	380.0	379.5	379.0	379.5	380.0	380.5

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	438.4	438.4	438.4	438.3	438.0	437.8	437.5	437.3	437.5	437.8	438.0
115°	498.3	498.8	499.1	498.7	497.9	497.2	496.4	495.6	496.4	497.2	497.9
117.5°	555.4	555.9	556.2	556.1	555.8	555.5	555.3	555.0	555.3	555.5	555.8
120°	614.9	616.2	616.8	616.0	614.5	612.9	611.4	609.8	611.4	612.9	614.5
122.5°	670.8	671.3	671.6	671.1	670.1	669.0	668.0	667.0	668.0	669.0	670.1
125°	728.0	728.5	728.8	728.4	727.6	726.9	726.1	725.3	726.1	726.9	727.6
127.5°	785.1	785.6	785.9	785.1	783.6	782.0	780.5	778.9	780.5	782.0	783.6
130°	840.7	841.5	841.9	840.9	838.8	836.7	834.6	832.5	834.6	836.7	838.8
132.5°	894.7	895.2	895.5	894.5	892.4	890.3	888.3	886.2	888.3	890.3	892.4
135°	947.6	947.9	948.0	947.2	945.7	944.1	942.6	941.0	942.6	944.1	945.7
137.5°	998.1	997.4	997.0	996.3	995.0	993.7	992.4	991.1	992.4	993.7	995.0
140°	1049.8	1049.5	1049.4	1048.8	1047.5	1046.2	1044.9	1043.6	1044.9	1046.2	1047.5
142.5°	1098.0	1097.5	1097.2	1096.6	1095.3	1094.0	1092.7	1091.4	1092.7	1094.0	1095.3
145°	1145.1	1144.3	1143.9	1143.6	1143.1	1142.6	1142.0	1141.5	1142.0	1142.6	1143.1
147.5°	1190.5	1189.7	1189.3	1188.8	1187.8	1186.7	1185.7	1184.7	1185.7	1186.7	1187.8
150°	1233.3	1232.8	1232.5	1232.2	1231.7	1231.2	1230.7	1230.2	1230.7	1231.2	1231.7
152.5°	1271.4	1271.1	1271.0	1270.6	1269.8	1269.1	1268.3	1267.5	1268.3	1269.1	1269.8
155°	1307.5	1307.2	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1
157.5°	1340.2	1339.9	1339.8	1339.9	1340.2	1340.4	1340.7	1340.9	1340.7	1340.4	1340.2
160°	1370.1	1370.1	1370.1	1370.4	1370.9	1371.4	1371.9	1372.4	1371.9	1371.4	1370.9
162.5°	1397.3	1397.0	1396.9	1397.3	1398.1	1398.8	1399.6	1400.4	1399.6	1398.8	1398.1
165°	1420.2	1420.2	1420.2	1420.6	1421.4	1422.1	1422.9	1423.7	1422.9	1422.1	1421.4
167.5°	1439.3	1439.0	1438.9	1439.4	1440.4	1441.5	1442.5	1443.5	1442.5	1441.5	1440.4
170°	1455.2	1455.2	1455.2	1455.7	1456.8	1457.8	1458.9	1459.9	1458.9	1457.8	1456.8
172.5°	1468.0	1468.0	1468.0	1468.5	1469.6	1470.6	1471.7	1472.7	1471.7	1470.6	1469.6
175°	1476.2	1476.2	1476.2	1476.7	1477.8	1478.8	1479.9	1480.9	1479.9	1478.8	1477.8
177.5°	1480.9	1480.9	1480.9	1481.4	1482.4	1483.5	1484.5	1485.5	1484.5	1483.5	1482.4
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1566.7	1559.9	1557.2	1550.4	1534.1	1523.2	1511.0	1502.9	1504.2	1497.4	1501.5
5°	1517.8	1516.5	1506.9	1493.4	1470.3	1458.0	1436.3	1425.4	1420.0	1421.3	1413.2
7.5°	1477.0	1464.8	1458.0	1436.3	1414.5	1388.7	1371.1	1361.5	1353.4	1345.2	1339.8
10°	1430.8	1420.0	1409.1	1386.0	1356.1	1331.7	1307.2	1297.7	1285.5	1280.0	1275.9
12.5°	1381.9	1375.1	1361.5	1334.4	1300.4	1277.3	1248.8	1243.3	1227.0	1216.2	1213.4
15°	1337.1	1333.0	1308.6	1277.3	1243.3	1220.2	1195.8	1179.5	1152.3	1157.7	1148.2
17.5°	1289.5	1271.9	1256.9	1214.8	1198.5	1163.2	1134.6	1126.5	1107.4	1095.2	1083.0
20°	1236.5	1225.7	1206.6	1179.5	1140.1	1099.3	1077.6	1064.0	1053.1	1034.1	1028.6
22.5°	1186.3	1172.7	1156.4	1121.0	1087.1	1053.1	1023.2	1011.0	997.4	983.8	975.6
25°	1146.9	1126.5	1108.8	1065.3	1031.4	1002.8	983.8	963.4	944.4	936.2	933.5
27.5°	1085.7	1073.5	1055.8	1015.0	983.8	952.5	934.9	921.3	900.9	891.4	883.2
30°	1046.3	1021.8	1001.5	968.8	937.6	903.6	887.3	871.0	858.8	846.6	837.0
32.5°	993.3	974.3	958.0	925.4	894.1	862.9	845.2	820.7	813.9	804.4	793.6
35°	941.7	929.4	911.8	876.4	842.5	820.7	801.7	778.6	770.5	763.7	754.2
37.5°	892.8	875.1	862.9	828.9	799.0	773.2	758.2	739.2	733.8	725.6	718.8
40°	850.6	833.0	820.7	786.8	755.5	728.3	718.8	699.8	691.6	682.1	678.1
42.5°	803.1	788.1	771.8	747.4	714.7	687.6	668.5	657.7	646.8	642.7	634.6
45°	752.8	739.2	727.0	699.8	665.8	646.8	630.5	615.5	607.4	600.6	595.2
47.5°	709.3	697.1	680.8	650.9	623.7	606.0	589.7	574.8	566.6	558.5	551.7
50°	659.0	652.2	634.6	606.0	580.2	559.8	544.9	531.3	525.9	516.4	505.5
52.5°	614.2	602.0	587.0	563.9	540.8	516.4	496.0	487.8	478.3	472.9	463.4
55°	561.2	553.0	536.7	516.4	491.9	471.5	456.6	445.7	433.5	428.0	415.8
57.5°	516.4	501.4	493.3	467.4	444.3	424.0	413.1	402.2	388.6	380.5	375.0
60°	467.4	453.8	441.6	419.9	403.6	381.8	365.5	356.0	346.5	335.6	330.2
62.5°	419.9	409.0	394.1	376.4	356.0	338.3	326.1	312.5	307.1	296.2	292.1
65°	368.2	360.1	347.9	327.5	311.2	296.2	284.0	273.1	267.7	263.6	260.9
67.5°	322.0	311.2	303.0	285.4	267.7	255.5	248.7	241.9	235.1	231.0	226.9
70°	274.5	266.3	258.2	241.9	229.6	218.8	213.3	207.9	203.8	199.7	195.7
72.5°	225.6	221.5	213.3	202.5	193.0	184.8	180.7	173.9	169.9	163.1	160.3
75°	186.2	179.4	175.3	165.8	157.6	150.8	145.4	137.2	131.8	129.1	127.7
77.5°	146.8	144.0	138.6	130.4	126.4	119.6	111.4	108.7	106.0	106.0	104.6
80°	110.1	106.0	101.9	95.1	91.0	85.6	85.6	85.6	84.2	85.6	84.2
82.5°	74.7	72.0	69.3	65.2	63.9	63.9	65.2	65.2	65.2	65.2	65.2
85°	43.5	43.5	43.5	44.8	43.5	43.5	44.8	46.2	44.8	44.8	43.5
87.5°	20.4	20.4	21.7	21.7	23.1	23.1	23.1	23.1	23.1	23.1	24.5
90°	11.5	12.8	14.5	17.9	21.2	24.6	28.0	29.0	30.0	31.1	32.1
92.5°	41.2	42.0	42.8	44.3	45.9	47.4	49.0	49.8	50.6	51.3	52.1
95°	76.1	77.0	78.0	80.1	82.2	84.2	86.3	87.3	88.3	89.4	90.4
97.5°	118.3	118.9	119.7	121.2	122.8	124.3	125.9	127.2	128.5	129.8	131.1
100°	164.8	165.6	166.2	167.5	168.8	170.1	171.4	172.2	173.0	173.7	174.5
102.5°	214.1	214.5	215.4	217.2	219.1	220.9	222.7	223.5	224.3	225.0	225.8
105°	264.4	264.7	265.9	268.2	270.5	272.9	275.2	275.2	275.2	275.2	275.2
107.5°	324.1	324.2	324.7	325.7	326.8	327.8	328.8	329.6	330.4	331.1	331.9
110°	381.0	381.3	381.6	382.1	382.6	383.1	383.6	384.6	385.7	386.7	387.8

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	438.3	438.4	438.4	438.4	438.4	438.4	438.4	439.7	441.0	442.3	443.6
115°	498.7	499.1	498.8	498.3	497.8	497.2	496.7	497.0	497.2	497.5	497.8
117.5°	556.1	556.2	555.9	555.4	554.9	554.4	553.9	553.9	553.9	553.9	553.9
120°	616.0	616.8	616.2	614.9	613.6	612.3	611.0	610.7	610.5	610.2	609.9
122.5°	671.1	671.6	671.3	670.8	670.3	669.8	669.3	668.5	667.7	667.0	666.2
125°	728.4	728.8	728.5	728.0	727.5	726.9	726.4	725.4	724.4	723.3	722.3
127.5°	785.1	785.9	785.6	785.1	784.6	784.1	783.6	782.0	780.5	778.9	777.4
130°	840.9	841.9	841.5	840.7	840.0	839.2	838.4	837.4	836.3	835.3	834.2
132.5°	894.5	895.5	895.2	894.7	894.2	893.7	893.2	891.9	890.6	889.3	888.0
135°	947.2	948.0	947.9	947.6	947.3	947.1	946.8	945.8	944.7	943.7	942.6
137.5°	996.3	997.0	997.4	998.1	998.9	999.6	1000.4	999.1	997.8	996.5	995.2
140°	1048.8	1049.4	1049.5	1049.8	1050.1	1050.3	1050.6	1050.3	1050.1	1049.8	1049.5
142.5°	1096.6	1097.2	1097.5	1098.0	1098.5	1099.1	1099.6	1099.3	1099.1	1098.8	1098.5
145°	1143.6	1143.9	1144.3	1145.1	1145.8	1146.6	1147.4	1147.1	1146.9	1146.6	1146.3
147.5°	1188.8	1189.3	1189.7	1190.5	1191.2	1192.0	1192.8	1192.8	1192.8	1192.8	1192.8
150°	1232.2	1232.5	1232.8	1233.3	1233.8	1234.3	1234.8	1234.8	1234.8	1234.8	1234.8
152.5°	1270.6	1271.0	1271.1	1271.4	1271.6	1271.9	1272.1	1272.6	1273.2	1273.7	1274.2
155°	1307.1	1307.1	1307.2	1307.5	1307.8	1308.0	1308.3	1309.3	1310.3	1311.4	1312.4
157.5°	1339.9	1339.8	1339.9	1340.2	1340.4	1340.7	1340.9	1341.9	1343.0	1344.0	1345.1
160°	1370.4	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1371.4	1372.7	1374.0	1375.3
162.5°	1397.3	1396.9	1397.0	1397.3	1397.6	1397.8	1398.1	1399.4	1400.7	1402.0	1403.3
165°	1420.6	1420.2	1420.2	1420.2	1420.2	1420.2	1420.2	1421.8	1423.3	1424.9	1426.4
167.5°	1439.4	1438.9	1439.0	1439.3	1439.5	1439.8	1440.0	1441.6	1443.1	1444.7	1446.2
170°	1455.7	1455.2	1455.2	1455.2	1455.2	1455.2	1455.2	1457.0	1458.8	1460.7	1462.5
172.5°	1468.5	1468.0	1468.0	1468.0	1468.0	1468.0	1468.0	1469.6	1471.1	1472.7	1474.2
175°	1476.7	1476.2	1476.2	1476.2	1476.2	1476.2	1476.2	1477.8	1479.3	1480.9	1482.4
177.5°	1481.4	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1482.4	1484.0	1485.5	1487.0
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1500.1	1501.5	1497.4	1489.3	1487.9	1490.6	1498.8	1496.1	1489.3	1501.5	1490.6
5°	1417.3	1410.5	1407.7	1410.5	1402.3	1398.2	1406.4	1402.3	1406.4	1407.7	1411.8
7.5°	1337.1	1338.4	1330.3	1331.7	1320.8	1323.5	1323.5	1323.5	1327.6	1330.3	1335.7
10°	1267.8	1270.5	1261.0	1262.4	1254.2	1248.8	1252.8	1261.0	1261.0	1261.0	1263.7
12.5°	1212.1	1199.8	1193.1	1191.7	1182.2	1179.5	1187.6	1190.3	1197.1	1197.1	1201.2
15°	1142.8	1140.1	1134.6	1134.6	1111.5	1117.0	1119.7	1129.2	1142.8	1131.9	1134.6
17.5°	1080.3	1073.5	1066.7	1064.0	1061.2	1053.1	1064.0	1062.6	1070.8	1072.1	1076.2
20°	1024.6	1019.1	1005.5	1006.9	1009.6	997.4	1004.2	1004.2	1012.3	1020.5	1030.0
22.5°	970.2	964.8	958.0	960.7	952.5	949.8	949.8	956.6	966.1	972.9	971.6
25°	928.1	918.6	914.5	910.4	906.3	909.1	905.0	911.8	918.6	922.6	918.6
27.5°	880.5	876.4	868.3	864.2	857.4	860.1	862.9	868.3	872.4	872.4	876.4
30°	834.3	828.9	826.2	822.1	822.1	816.7	818.0	823.5	827.5	831.6	837.0
32.5°	789.5	785.4	781.3	781.3	778.6	777.3	775.9	784.0	784.0	792.2	792.2
35°	752.8	746.0	746.0	739.2	741.9	740.6	737.8	743.3	744.6	750.1	748.7
37.5°	712.0	712.0	709.3	702.5	697.1	698.4	705.2	705.2	709.3	708.0	712.0
40°	671.3	668.5	668.5	664.5	663.1	661.8	663.1	664.5	671.3	669.9	671.3
42.5°	630.5	631.9	625.1	625.1	625.1	621.0	622.3	623.7	626.4	629.1	633.2
45°	591.1	588.4	587.0	584.3	581.6	582.9	581.6	587.0	585.7	588.4	592.4
47.5°	549.0	544.9	543.5	538.1	538.1	540.8	539.5	543.5	544.9	549.0	546.2
50°	508.2	502.8	498.7	500.0	491.9	494.6	494.6	498.7	502.8	504.1	506.8
52.5°	460.6	459.3	457.9	451.1	449.8	448.4	449.8	451.1	456.6	460.6	462.0
55°	414.4	413.1	404.9	402.2	398.1	398.1	400.9	402.2	411.7	413.1	418.5
57.5°	372.3	368.2	358.7	357.4	357.4	357.4	353.3	358.7	361.4	368.2	368.2
60°	326.1	326.1	318.0	318.0	319.3	318.0	318.0	319.3	319.3	324.8	327.5
62.5°	289.4	288.1	288.1	285.4	284.0	285.4	284.0	284.0	285.4	289.4	293.5
65°	256.8	255.5	254.1	252.7	250.0	250.0	251.4	254.1	254.1	256.8	258.2
67.5°	225.6	225.6	222.8	222.8	221.5	220.1	221.5	220.1	225.6	225.6	226.9
70°	194.3	193.0	188.9	187.5	183.4	184.8	184.8	188.9	190.2	193.0	195.7
72.5°	156.3	156.3	153.5	150.8	152.2	149.5	149.5	150.8	150.8	154.9	156.3
75°	129.1	126.4	125.0	126.4	125.0	127.7	125.0	125.0	127.7	127.7	127.7
77.5°	106.0	106.0	104.6	104.6	106.0	104.6	106.0	106.0	106.0	104.6	106.0
80°	87.0	85.6	85.6	85.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2
82.5°	65.2	65.2	63.9	65.2	65.2	63.9	65.2	63.9	63.9	65.2	65.2
85°	43.5	46.2	43.5	43.5	44.8	44.8	46.2	44.8	46.2	43.5	44.8
87.5°	23.1	24.5	24.5	23.1	23.1	24.5	24.5	24.5	25.8	23.1	24.5
90°	32.6	32.9	33.4	33.9	34.5	35.0	34.5	33.9	33.4	32.9	32.6
92.5°	52.5	52.2	51.7	51.2	50.6	50.1	50.6	51.2	51.7	52.2	52.5
95°	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
97.5°	131.8	131.7	131.4	131.1	130.9	130.6	130.9	131.1	131.4	131.7	131.8
100°	174.9	175.2	175.7	176.2	176.7	177.2	176.7	176.2	175.7	175.2	174.9
102.5°	226.2	226.1	225.8	225.5	225.3	225.0	225.3	225.5	225.8	226.1	226.2
105°	275.2	275.5	276.0	276.5	277.0	277.5	277.0	276.5	276.0	275.5	275.2
107.5°	332.3	332.2	331.9	331.7	331.4	331.2	331.4	331.7	331.9	332.2	332.3
110°	388.3	388.0	387.5	387.0	386.5	386.0	386.5	387.0	387.5	388.0	388.3

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	444.3	444.3	444.3	444.3	444.3	444.3	444.3	444.3	444.3	444.3	444.3
115°	497.9	497.8	497.5	497.2	497.0	496.7	497.0	497.2	497.5	497.8	497.9
117.5°	553.9	553.5	552.7	552.0	551.2	550.4	551.2	552.0	552.7	553.5	553.9
120°	609.8	609.5	609.0	608.5	608.0	607.5	608.0	608.5	609.0	609.5	609.8
122.5°	665.8	665.4	664.6	663.9	663.1	662.3	663.1	663.9	664.6	665.4	665.8
125°	721.8	721.3	720.2	719.2	718.1	717.1	718.1	719.2	720.2	721.3	721.8
127.5°	776.6	776.1	775.0	774.0	772.9	771.9	772.9	774.0	775.0	776.1	776.6
130°	833.7	832.8	831.0	829.1	827.3	825.5	827.3	829.1	831.0	832.8	833.7
132.5°	887.3	886.7	885.4	884.1	882.8	881.5	882.8	884.1	885.4	886.7	887.3
135°	942.1	941.8	941.3	940.8	940.3	939.8	940.3	940.8	941.3	941.8	942.1
137.5°	994.6	994.2	993.4	992.7	991.9	991.1	991.9	992.7	993.4	994.2	994.6
140°	1049.4	1048.5	1046.7	1044.9	1043.1	1041.3	1043.1	1044.9	1046.7	1048.5	1049.4
142.5°	1098.4	1097.8	1096.5	1095.2	1093.9	1092.6	1093.9	1095.2	1096.5	1097.8	1098.4
145°	1146.2	1145.7	1144.6	1143.6	1142.5	1141.5	1142.5	1143.6	1144.6	1145.7	1146.2
147.5°	1192.8	1192.0	1190.5	1188.9	1187.4	1185.8	1187.4	1188.9	1190.5	1192.0	1192.8
150°	1234.8	1234.0	1232.5	1230.9	1229.4	1227.8	1229.4	1230.9	1232.5	1234.0	1234.8
152.5°	1274.5	1273.8	1272.5	1271.2	1269.9	1268.6	1269.9	1271.2	1272.5	1273.8	1274.5
155°	1312.9	1312.0	1310.2	1308.4	1306.6	1304.8	1306.6	1308.4	1310.2	1312.0	1312.9
157.5°	1345.6	1344.8	1343.3	1341.7	1340.2	1338.6	1340.2	1341.7	1343.3	1344.8	1345.6
160°	1375.9	1375.4	1374.3	1373.3	1372.2	1371.2	1372.2	1373.3	1374.3	1375.4	1375.9
162.5°	1403.9	1403.0	1401.2	1399.3	1397.5	1395.7	1397.5	1399.3	1401.2	1403.0	1403.9
165°	1427.2	1426.3	1424.5	1422.7	1420.9	1419.1	1420.9	1422.7	1424.5	1426.3	1427.2
167.5°	1447.0	1446.2	1444.7	1443.1	1441.6	1440.0	1441.6	1443.1	1444.7	1446.2	1447.0
170°	1463.4	1462.5	1460.7	1458.8	1457.0	1455.2	1457.0	1458.8	1460.7	1462.5	1463.4
172.5°	1475.0	1474.1	1472.3	1470.5	1468.7	1466.9	1468.7	1470.5	1472.3	1474.1	1475.0
175°	1483.2	1482.3	1480.5	1478.6	1476.8	1475.0	1476.8	1478.6	1480.5	1482.3	1483.2
177.5°	1487.8	1486.9	1485.1	1483.3	1481.5	1479.7	1481.5	1483.3	1485.1	1486.9	1487.8
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1501.5	1506.9	1501.5	1490.6	1501.5	1508.3	1515.1	1526.0	1531.4	1531.4	1539.6
5°	1415.9	1426.8	1422.7	1420.0	1430.8	1437.6	1448.5	1462.1	1477.0	1486.6	1497.4
7.5°	1339.8	1346.6	1353.4	1353.4	1364.3	1379.2	1395.5	1411.8	1430.8	1444.4	1452.6
10°	1273.2	1278.7	1282.7	1288.2	1304.5	1320.8	1342.5	1362.9	1379.2	1394.2	1407.7
12.5°	1209.4	1217.5	1227.0	1231.1	1243.3	1263.7	1284.1	1308.6	1334.4	1349.3	1362.9
15°	1148.2	1152.3	1163.2	1175.4	1186.3	1208.0	1233.8	1259.6	1281.4	1304.5	1316.7
17.5°	1085.7	1087.1	1115.6	1108.8	1144.1	1164.5	1178.1	1202.6	1237.9	1256.9	1275.9
20°	1024.6	1038.1	1050.4	1057.2	1076.2	1099.3	1138.7	1157.7	1186.3	1203.9	1220.2
22.5°	977.0	997.4	997.4	1013.7	1023.2	1044.9	1073.5	1110.2	1141.4	1153.6	1176.7
25°	934.9	944.4	960.7	966.1	983.8	1002.8	1021.8	1061.2	1095.2	1111.5	1127.8
27.5°	880.5	892.8	914.5	914.5	937.6	958.0	981.1	1006.9	1040.9	1064.0	1081.6
30°	838.4	850.6	860.1	875.1	884.6	903.6	944.4	963.4	993.3	1013.7	1035.4
32.5°	799.0	808.5	816.7	833.0	843.8	865.6	887.3	921.3	947.1	966.1	989.2
35°	755.5	765.0	775.9	788.1	804.4	824.8	845.2	873.7	899.5	917.2	936.2
37.5°	714.7	721.5	737.8	746.0	759.6	778.6	804.4	834.3	857.4	871.0	890.0
40°	675.3	680.8	693.0	708.0	717.5	732.4	759.6	785.4	813.9	830.2	845.2
42.5°	633.2	640.0	650.9	665.8	680.8	697.1	712.0	741.9	767.7	781.3	797.6
45°	596.5	600.6	608.8	623.7	638.7	650.9	674.0	701.2	725.6	736.5	754.2
47.5°	553.0	557.1	569.3	576.1	592.4	608.8	631.9	659.0	680.8	691.6	708.0
50°	508.2	512.3	520.4	535.4	546.2	563.9	584.3	607.4	634.6	649.5	659.0
52.5°	464.7	472.9	479.7	491.9	505.5	523.1	542.2	563.9	587.0	602.0	612.8
55°	421.2	428.0	436.2	443.0	459.3	475.6	497.3	517.7	538.1	551.7	563.9
57.5°	372.3	381.8	390.0	403.6	415.8	429.4	453.8	470.2	494.6	504.1	515.0
60°	330.2	339.7	346.5	357.4	368.2	385.9	402.2	422.6	443.0	455.2	468.8
62.5°	294.9	298.9	303.0	313.9	324.8	341.1	357.4	377.8	399.5	406.3	417.2
65°	259.5	263.6	270.4	279.9	288.1	297.6	315.2	331.6	351.9	362.8	366.9
67.5°	229.6	233.7	235.1	241.9	248.7	259.5	269.0	285.4	304.4	311.2	319.3
70°	195.7	202.5	203.8	209.3	212.0	218.8	229.6	241.9	256.8	269.0	275.8
72.5°	156.3	165.8	168.5	176.6	180.7	187.5	195.7	205.2	214.7	220.1	225.6
75°	127.7	130.4	131.8	138.6	145.4	154.9	159.0	164.4	172.6	179.4	184.8
77.5°	106.0	107.3	108.7	108.7	110.1	115.5	123.7	130.4	135.9	138.6	142.7
80°	85.6	84.2	84.2	85.6	85.6	85.6	88.3	97.8	100.6	107.3	106.0
82.5°	66.6	63.9	65.2	63.9	63.9	63.9	63.9	65.2	65.2	69.3	72.0
85°	43.5	44.8	43.5	43.5	42.1	43.5	42.1	42.1	40.8	40.8	39.4
87.5°	23.1	24.5	23.1	23.1	21.7	23.1	21.7	21.7	20.4	20.4	17.7
90°	32.1	31.1	30.0	29.0	28.0	24.6	21.2	17.9	14.5	12.8	11.5
92.5°	52.1	51.3	50.6	49.8	49.0	47.4	45.9	44.3	42.8	42.0	41.2
95°	90.4	89.4	88.3	87.3	86.3	84.2	82.2	80.1	78.0	77.0	76.1
97.5°	131.1	129.8	128.5	127.2	125.9	124.3	122.8	121.2	119.7	118.9	118.3
100°	174.5	173.7	173.0	172.2	171.4	170.1	168.8	167.5	166.2	165.6	164.8
102.5°	225.8	225.0	224.3	223.5	222.7	220.9	219.1	217.2	215.4	214.5	214.1
105°	275.2	275.2	275.2	275.2	275.2	272.9	270.5	268.2	265.9	264.7	264.4
107.5°	331.9	331.1	330.4	329.6	328.8	327.8	326.8	325.7	324.7	324.2	324.1
110°	387.8	386.7	385.7	384.6	383.6	383.1	382.6	382.1	381.6	381.3	381.0

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	443.6	442.3	441.0	439.7	438.4	438.4	438.4	438.4	438.4	438.4	438.3
115°	497.8	497.5	497.2	497.0	496.7	497.2	497.8	498.3	498.8	499.1	498.7
117.5°	553.9	553.9	553.9	553.9	553.9	554.4	554.9	555.4	555.9	556.2	556.1
120°	609.9	610.2	610.5	610.7	611.0	612.3	613.6	614.9	616.2	616.8	616.0
122.5°	666.2	667.0	667.7	668.5	669.3	669.8	670.3	670.8	671.3	671.6	671.1
125°	722.3	723.3	724.4	725.4	726.4	726.9	727.5	728.0	728.5	728.8	728.4
127.5°	777.4	778.9	780.5	782.0	783.6	784.1	784.6	785.1	785.6	785.9	785.1
130°	834.2	835.3	836.3	837.4	838.4	839.2	840.0	840.7	841.5	841.9	840.9
132.5°	888.0	889.3	890.6	891.9	893.2	893.7	894.2	894.7	895.2	895.5	894.5
135°	942.6	943.7	944.7	945.8	946.8	947.1	947.3	947.6	947.9	948.0	947.2
137.5°	995.2	996.5	997.8	999.1	1000.4	999.6	998.9	998.1	997.4	997.0	996.3
140°	1049.5	1049.8	1050.1	1050.3	1050.6	1050.3	1050.1	1049.8	1049.5	1049.4	1048.8
142.5°	1098.5	1098.8	1099.1	1099.3	1099.6	1099.1	1098.5	1098.0	1097.5	1097.2	1096.6
145°	1146.3	1146.6	1146.9	1147.1	1147.4	1146.6	1145.8	1145.1	1144.3	1143.9	1143.6
147.5°	1192.8	1192.8	1192.8	1192.8	1192.8	1192.0	1191.2	1190.5	1189.7	1189.3	1188.8
150°	1234.8	1234.8	1234.8	1234.8	1234.8	1234.3	1233.8	1233.3	1232.8	1232.5	1232.2
152.5°	1274.2	1273.7	1273.2	1272.6	1272.1	1271.9	1271.6	1271.4	1271.1	1271.0	1270.6
155°	1312.4	1311.4	1310.3	1309.3	1308.3	1308.0	1307.8	1307.5	1307.2	1307.1	1307.1
157.5°	1345.1	1344.0	1343.0	1341.9	1340.9	1340.7	1340.4	1340.2	1339.9	1339.8	1339.9
160°	1375.3	1374.0	1372.7	1371.4	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.4
162.5°	1403.3	1402.0	1400.7	1399.4	1398.1	1397.8	1397.6	1397.3	1397.0	1396.9	1397.3
165°	1426.4	1424.9	1423.3	1421.8	1420.2	1420.2	1420.2	1420.2	1420.2	1420.2	1420.6
167.5°	1446.2	1444.7	1443.1	1441.6	1440.0	1439.8	1439.5	1439.3	1439.0	1438.9	1439.4
170°	1462.5	1460.7	1458.8	1457.0	1455.2	1455.2	1455.2	1455.2	1455.2	1455.2	1455.7
172.5°	1474.2	1472.7	1471.1	1469.6	1468.0	1468.0	1468.0	1468.0	1468.0	1468.0	1468.5
175°	1482.4	1480.9	1479.3	1477.8	1476.2	1476.2	1476.2	1476.2	1476.2	1476.2	1476.7
177.5°	1487.0	1485.5	1484.0	1482.4	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1481.4
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1587.1	1587.1	1587.1	1587.1
2.5°	1546.3	1555.9	1574.9	1591.2
5°	1513.7	1528.7	1557.2	1585.8
7.5°	1474.3	1497.4	1534.1	1573.5
10°	1436.3	1466.2	1511.0	1557.2
12.5°	1398.2	1429.5	1477.0	1536.8
15°	1353.4	1386.0	1443.1	1515.1
17.5°	1314.0	1357.5	1409.1	1481.1
20°	1271.9	1304.5	1371.1	1447.2
22.5°	1218.9	1273.2	1335.7	1415.9
25°	1176.7	1224.3	1286.8	1377.9
27.5°	1125.1	1180.8	1256.9	1337.1
30°	1083.0	1129.2	1199.8	1296.3
32.5°	1034.1	1088.4	1161.8	1256.9
35°	990.6	1036.8	1106.1	1202.6
37.5°	939.0	989.2	1066.7	1152.3
40°	894.1	943.0	1016.4	1096.6
42.5°	839.8	891.4	964.8	1032.7
45°	796.3	843.8	902.3	964.8
47.5°	743.3	793.6	850.6	894.1
50°	695.7	741.9	786.8	823.5
52.5°	644.1	686.2	727.0	754.2
55°	596.5	629.1	661.8	680.8
57.5°	540.8	572.1	599.2	610.1
60°	491.9	517.7	535.4	547.6
62.5°	440.3	459.3	472.9	479.7
65°	390.0	403.6	410.4	417.2
67.5°	338.3	350.6	354.7	362.8
70°	284.0	297.6	300.3	304.4
72.5°	243.2	243.2	248.7	254.1
75°	194.3	197.0	199.7	199.7
77.5°	152.2	152.2	154.9	156.3
80°	111.4	112.8	112.8	111.4
82.5°	76.1	78.8	76.1	74.7
85°	42.1	47.6	44.8	44.8
87.5°	17.7	17.7	20.4	17.7
90°	8.9	6.4	3.8	1.2
92.5°	39.7	38.1	36.6	35.0
95°	74.3	72.4	70.6	68.8
97.5°	117.0	115.7	114.4	113.1
100°	163.3	161.7	160.2	158.6
102.5°	213.4	212.6	211.9	211.1
105°	263.9	263.4	262.9	262.4
107.5°	323.8	323.5	323.3	323.0
110°	380.5	380.0	379.5	379.0



TEST NUMBER: P1012157

CATALOG NUMBER: S123RDIP-B1000D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	438.0	437.8	437.5	437.3
115°	497.9	497.2	496.4	495.6
117.5°	555.8	555.5	555.3	555.0
120°	614.5	612.9	611.4	609.8
122.5°	670.1	669.0	668.0	667.0
125°	727.6	726.9	726.1	725.3
127.5°	783.6	782.0	780.5	778.9
130°	838.8	836.7	834.6	832.5
132.5°	892.4	890.3	888.3	886.2
135°	945.7	944.1	942.6	941.0
137.5°	995.0	993.7	992.4	991.1
140°	1047.5	1046.2	1044.9	1043.6
142.5°	1095.3	1094.0	1092.7	1091.4
145°	1143.1	1142.6	1142.0	1141.5
147.5°	1187.8	1186.7	1185.7	1184.7
150°	1231.7	1231.2	1230.7	1230.2
152.5°	1269.8	1269.1	1268.3	1267.5
155°	1307.1	1307.1	1307.1	1307.1
157.5°	1340.2	1340.4	1340.7	1340.9
160°	1370.9	1371.4	1371.9	1372.4
162.5°	1398.1	1398.8	1399.6	1400.4
165°	1421.4	1422.1	1422.9	1423.7
167.5°	1440.4	1441.5	1442.5	1443.5
170°	1456.8	1457.8	1458.9	1459.9
172.5°	1469.6	1470.6	1471.7	1472.7
175°	1477.8	1478.8	1479.9	1480.9
177.5°	1482.4	1483.5	1484.5	1485.5
180°	1484.3	1484.3	1484.3	1484.3

(END OF REPORT)