

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: P1035753

Luminaire Tested: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035753
REPORT IS A COMBINATION OF REPORTS P1006096 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

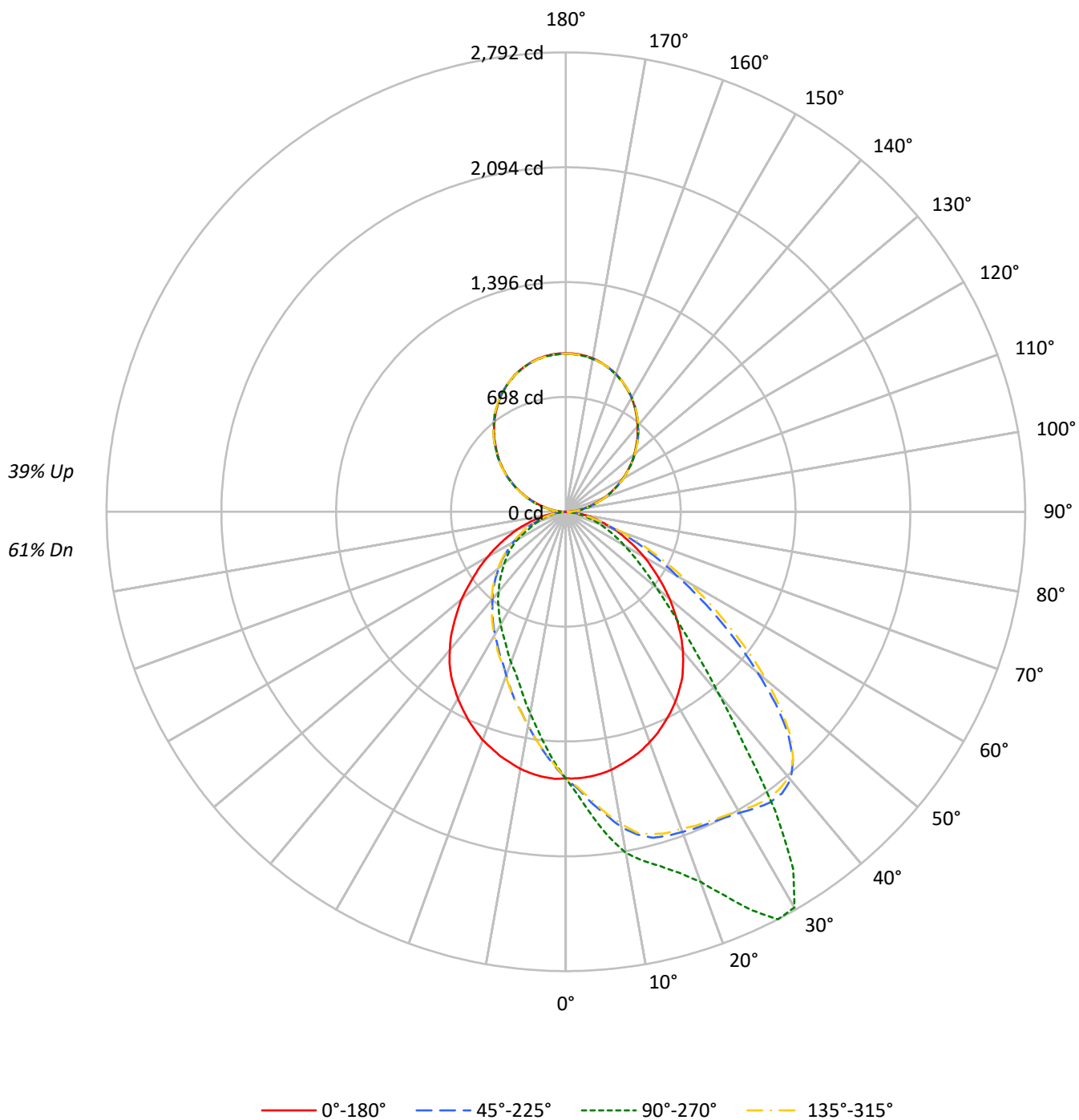
Lumens per Lamp: N/A
Luminaire Lumens: 6884.0 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 70
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66
1	101	97	93	89	94	91	87	84	79	77	75	69	67	66	59	58	57
2	92	85	79	74	86	80	75	70	70	66	63	61	58	56	53	51	49
3	84	75	68	62	79	71	64	59	62	57	53	54	51	48	47	44	42
4	77	67	59	53	72	63	56	51	56	50	46	49	45	41	42	39	37
5	71	60	52	46	66	56	49	44	50	44	40	44	39	36	38	35	32
6	66	54	46	40	61	51	43	38	45	39	35	40	35	32	35	31	28
7	61	49	41	35	57	46	39	34	41	35	31	36	32	28	32	28	25
8	57	44	36	31	53	42	35	30	37	32	28	33	29	25	29	26	23
9	53	40	33	28	49	38	32	27	34	29	25	31	26	23	27	23	21
10	49	37	30	25	46	35	29	24	32	26	22	28	24	21	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10382	10382	10382	10382
5°	10373	11701	10373	8994
10°	10315	13149	10280	7775
15°	10203	13911	10133	6769
20°	10068	15017	9978	6118
25°	9891	16997	9780	5553
30°	9712	18067	9566	5149
35°	9480	14858	9347	4771
40°	9067	10090	8991	4433
45°	8526	7253	8515	4099
50°	7971	5578	8010	3791
55°	7346	4536	7332	3494
60°	6765	3717	6732	3102
65°	6087	3097	6125	2497
70°	5527	2486	5504	2079
75°	4669	1884	4669	1709
80°	3784	1149	3739	1149
85°	2664	604	2584	683

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14778 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.4	2.3
10°-20°	455.5	6.6
20°-30°	722.3	10.5
30°-40°	872.8	12.7
40°-50°	777.1	11.3
50°-60°	595.9	8.7
60°-70°	387.0	5.6
70°-80°	187.8	2.7
80°-90°	45.7	0.7
90°-100°	64.0	0.9
100°-110°	190.0	2.8
110°-120°	322.3	4.7
120°-130°	424.2	6.2
130°-140°	475.4	6.9
140°-150°	466.0	6.8
150°-160°	391.4	5.7
160°-170°	260.2	3.8
170°-180°	91.1	1.3
0°-30°	1333.2	19.4
0°-40°	2206.0	32.0
0°-60°	3579.0	52.0
0°-90°	4199.5	61.0
90°-120°	576.2	8.4
90°-150°	1941.9	28.2
90°-180°	2685.0	39.0
0°-180°	6884.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1620	1620	1620	1620	1620	
5°	1616	1857	1616	1428	1616	154
15°	1548	2231	1538	1086	1548	437
25°	1416	2671	1400	873	1416	652
35°	1233	2216	1216	712	1233	768
45°	964	991	963	560	964	744
55°	681	544	680	419	681	610
65°	423	309	426	249	423	423
75°	206	144	206	130	206	221
85°	47	31	45	35	47	53
90°	1	18	1	18	1	6
95°	49	64	49	64	49	51
105°	171	186	171	186	171	182
115°	323	326	323	326	323	319
125°	471	474	471	474	471	422
135°	612	614	612	614	612	472
145°	742	745	742	745	742	464
155°	849	849	849	849	849	391
165°	923	921	923	921	923	260
175°	960	956	960	956	960	91
180°	962	962	962	962	962	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1621.7	1635.0	1639.0	1649.6	1661.6	1664.3	1670.9	1680.2	1685.5	1684.2	1684.2
5°	1616.4	1639.0	1654.9	1673.6	1696.2	1705.5	1713.5	1733.4	1749.4	1758.7	1774.7
7.5°	1607.0	1640.3	1666.9	1694.9	1729.4	1745.4	1762.7	1790.6	1819.9	1838.5	1855.8
10°	1592.4	1635.0	1672.2	1713.5	1760.0	1784.0	1805.3	1847.8	1883.8	1907.7	1947.6
12.5°	1571.1	1624.3	1676.2	1730.8	1789.3	1814.6	1843.8	1890.4	1941.0	1975.6	2008.8
15°	1548.5	1612.4	1668.2	1733.4	1803.9	1842.5	1879.8	1929.0	1974.2	2012.8	2051.4
17.5°	1521.9	1589.8	1658.9	1733.4	1813.3	1851.8	1883.8	1942.3	1990.2	2028.8	2063.4
20°	1490.0	1565.8	1644.3	1726.8	1807.9	1843.8	1874.4	1938.3	1980.9	2022.1	2071.3
22.5°	1455.4	1537.9	1621.7	1702.8	1782.7	1821.2	1857.2	1913.0	1959.6	2015.5	2079.3
25°	1415.5	1505.9	1591.1	1672.2	1748.1	1784.0	1815.9	1877.1	1942.3	2012.8	2084.6
27.5°	1375.6	1463.4	1545.9	1620.4	1702.8	1736.1	1768.0	1845.2	1922.3	1996.8	2095.3
30°	1331.7	1420.8	1492.6	1561.8	1641.6	1676.2	1716.1	1803.9	1891.7	1992.8	2112.6
32.5°	1282.4	1363.6	1430.1	1502.0	1573.8	1616.4	1666.9	1762.7	1863.8	1984.9	2137.9
35°	1233.2	1298.4	1359.6	1427.5	1513.9	1559.2	1608.4	1709.5	1835.9	1980.9	2159.1
37.5°	1170.7	1233.2	1281.1	1350.3	1439.4	1492.6	1541.9	1658.9	1802.6	1971.6	2157.8
40°	1106.8	1160.1	1205.3	1277.1	1374.2	1423.5	1476.7	1604.4	1768.0	1945.0	2125.9
42.5°	1037.7	1082.9	1132.1	1201.3	1295.7	1343.6	1404.8	1553.8	1720.1	1907.7	2043.4
45°	964.5	1008.4	1049.6	1121.5	1215.9	1267.8	1334.3	1487.3	1661.6	1829.2	1910.4
47.5°	892.7	931.2	975.1	1037.7	1133.4	1190.7	1258.5	1422.1	1583.1	1724.1	1730.8
50°	823.5	854.1	891.3	955.2	1055.0	1109.5	1180.0	1333.0	1490.0	1587.1	1521.9
52.5°	751.6	779.6	818.2	874.0	967.2	1031.0	1092.2	1245.2	1376.9	1442.1	1322.4
55°	681.1	705.1	745.0	807.5	888.7	937.9	1000.4	1142.8	1258.5	1259.8	1129.5
57.5°	612.0	633.2	666.5	722.4	798.2	855.4	912.6	1036.3	1114.8	1092.2	947.2
60°	550.8	564.1	594.7	649.2	719.7	761.0	822.1	925.9	977.8	936.6	780.9
62.5°	486.9	500.2	524.2	568.1	634.6	678.5	717.1	802.2	838.1	775.6	647.9
65°	423.0	439.0	456.3	490.9	553.4	582.7	617.3	679.8	714.4	641.2	530.8
67.5°	367.2	375.2	392.4	428.4	472.3	498.9	522.8	565.4	572.0	513.5	423.0
70°	315.3	318.0	333.9	355.2	388.5	404.4	424.4	449.7	449.7	401.8	329.9
72.5°	256.8	260.7	272.7	295.3	315.3	323.3	329.9	345.9	343.2	299.3	250.1
75°	206.2	208.9	218.2	228.8	236.8	251.4	256.8	254.1	252.8	215.5	187.6
77.5°	159.6	161.0	167.6	176.9	178.3	183.6	179.6	179.6	167.6	146.3	131.7
80°	117.1	118.4	121.1	123.7	123.7	123.7	123.7	117.1	109.1	95.8	91.8
82.5°	78.5	78.5	79.8	82.5	81.2	78.5	75.8	69.2	63.9	59.9	57.2
85°	46.6	46.6	47.9	46.6	41.2	39.9	37.2	35.9	34.6	33.3	33.3
87.5°	22.6	21.3	18.6	16.0	16.0	16.0	16.0	16.0	16.0	14.6	14.6
90°	0.7	2.0	3.4	4.7	6.0	6.7	7.3	8.5	9.6	10.8	12.0
92.5°	22.5	23.3	24.1	25.0	25.8	26.2	26.9	28.4	29.9	31.4	32.9
95°	48.7	49.0	49.4	49.7	50.0	50.2	51.0	52.7	54.3	56.0	57.6
97.5°	74.9	75.1	75.2	75.4	75.5	75.6	76.8	79.1	81.4	83.8	86.1
100°	104.8	104.8	104.8	104.8	104.8	104.8	105.9	108.0	110.2	112.3	114.5
102.5°	137.0	137.8	138.6	139.5	140.3	140.7	141.1	142.0	142.8	143.7	144.5
105°	170.7	171.5	172.3	173.2	174.0	174.4	174.9	175.9	176.9	177.9	178.9
107.5°	207.3	208.1	209.0	209.8	210.7	211.1	211.5	212.3	213.2	214.0	214.8
110°	245.5	246.3	247.2	248.0	248.9	249.3	249.5	250.0	250.5	251.0	251.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	284.4	284.7	285.1	285.4	285.7	285.9	286.2	286.9	287.6	288.2	288.9
115°	322.6	323.3	323.9	324.6	325.3	325.6	325.8	326.1	326.4	326.8	327.1
117.5°	361.5	361.7	361.9	362.0	362.2	362.3	362.5	362.8	363.1	363.5	363.8
120°	397.5	398.3	399.1	400.0	400.8	401.2	401.3	401.5	401.6	401.8	402.0
122.5°	436.4	436.6	436.7	436.9	437.0	437.1	437.4	437.9	438.4	438.9	439.4
125°	470.8	471.8	472.8	473.8	474.8	475.3	475.4	475.6	475.7	475.9	476.1
127.5°	509.0	509.5	510.0	510.5	511.0	511.3	511.4	511.5	511.7	511.8	512.0
130°	542.7	543.5	544.3	545.2	546.0	546.4	546.6	546.9	547.2	547.6	547.9
132.5°	576.4	577.9	579.4	580.9	582.4	583.1	583.0	582.9	582.7	582.6	582.4
135°	612.3	613.3	614.3	615.3	616.3	616.8	616.9	617.0	617.2	617.3	617.5
137.5°	646.0	647.0	648.0	649.0	650.0	650.5	650.7	651.0	651.3	651.7	652.0
140°	678.2	679.0	679.8	680.7	681.5	681.9	682.2	682.7	683.2	683.7	684.2
142.5°	710.4	711.1	711.7	712.4	713.1	713.4	713.7	714.4	715.1	715.7	716.4
145°	741.8	742.5	743.1	743.8	744.5	744.8	745.0	745.5	746.0	746.5	747.0
147.5°	771.0	771.5	772.0	772.5	773.0	773.2	773.4	773.7	774.0	774.4	774.7
150°	800.2	800.0	799.8	799.7	799.5	799.4	799.7	800.4	801.1	801.7	802.4
152.5°	824.1	824.4	824.8	825.1	825.4	825.6	825.7	825.9	826.0	826.2	826.4
155°	848.8	848.8	848.8	848.8	848.8	848.8	848.9	849.1	849.2	849.4	849.6
157.5°	871.3	871.0	870.6	870.3	870.0	869.8	869.9	870.0	870.2	870.3	870.5
160°	890.8	890.3	889.8	889.3	888.8	888.5	888.6	888.8	888.9	889.1	889.3
162.5°	908.0	907.7	907.3	907.0	906.7	906.5	906.5	906.5	906.5	906.5	906.5
165°	922.9	922.6	922.2	921.9	921.6	921.4	921.5	921.7	921.8	922.0	922.2
167.5°	936.4	935.7	935.1	934.4	933.7	933.4	933.4	933.4	933.4	933.4	933.4
170°	946.9	946.2	945.6	944.9	944.2	943.9	943.9	943.9	943.9	943.9	943.9
172.5°	954.4	953.7	953.1	952.4	951.7	951.4	951.4	951.4	951.4	951.4	951.4
175°	959.6	958.9	958.3	957.6	956.9	956.6	956.6	956.6	956.6	956.6	956.6
177.5°	963.4	962.7	962.1	961.4	960.7	960.4	960.3	960.1	960.0	959.8	959.6
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1690.9	1700.2	1708.2	1704.2	1720.1	1718.8	1721.5	1726.8	1728.1	1725.4	1720.1
5°	1782.7	1796.0	1818.6	1830.5	1827.9	1838.5	1843.8	1851.8	1859.8	1857.2	1857.2
7.5°	1885.1	1903.7	1926.3	1956.9	1960.9	1970.2	1986.2	1986.2	1995.5	1991.5	1990.2
10°	1974.2	1996.8	2032.8	2056.7	2067.3	2072.7	2088.6	2094.0	2104.6	2105.9	2105.9
12.5°	2047.4	2087.3	2111.2	2135.2	2140.5	2148.5	2160.5	2168.5	2172.4	2172.4	2168.5
15°	2086.0	2117.9	2145.8	2171.1	2185.7	2192.4	2204.4	2213.7	2219.0	2231.0	2233.6
17.5°	2101.9	2140.5	2185.7	2221.7	2246.9	2253.6	2277.5	2285.5	2296.2	2301.5	2308.1
20°	2124.6	2180.4	2235.0	2278.9	2302.8	2320.1	2345.4	2382.6	2393.3	2393.3	2389.3
22.5°	2144.5	2216.3	2290.8	2361.4	2381.3	2415.9	2462.5	2502.4	2518.3	2525.0	2519.7
25°	2168.5	2266.9	2364.0	2451.8	2506.4	2531.6	2594.2	2642.1	2660.7	2671.3	2674.0
27.5°	2209.7	2333.4	2457.1	2568.9	2624.8	2654.0	2719.2	2760.5	2783.1	2792.4	2785.7
30°	2256.3	2407.9	2551.6	2651.4	2688.6	2724.5	2767.1	2783.1	2777.7	2777.7	2797.7
32.5°	2304.1	2461.1	2588.8	2654.0	2667.3	2662.0	2644.7	2596.8	2568.9	2568.9	2586.2
35°	2330.8	2466.4	2531.6	2510.3	2458.5	2427.9	2333.4	2280.2	2220.3	2216.3	2236.3
37.5°	2316.1	2374.7	2348.0	2208.4	2137.9	2079.3	1931.7	1873.1	1829.2	1768.0	1862.5
40°	2213.7	2193.7	2055.4	1854.5	1776.0	1693.5	1576.5	1517.9	1456.7	1447.4	1470.0
42.5°	2040.7	1922.3	1720.1	1525.9	1446.1	1387.5	1298.4	1241.2	1202.6	1186.7	1213.3
45°	1825.2	1639.0	1436.8	1282.4	1194.6	1164.0	1082.9	1032.3	1003.1	991.1	1009.7
47.5°	1561.8	1374.2	1182.7	1052.3	1000.4	969.8	915.3	871.4	846.1	838.1	846.1
50°	1326.3	1133.4	972.5	888.7	842.1	816.8	771.6	743.7	723.7	718.4	731.7
52.5°	1122.8	947.2	824.8	750.3	719.7	698.4	666.5	642.6	630.6	625.3	634.6
55°	940.5	798.2	699.8	635.9	613.3	600.0	572.0	558.7	545.4	544.1	553.4
57.5°	779.6	681.1	590.7	545.4	538.8	518.8	494.9	482.9	476.3	474.9	478.9
60°	649.2	561.4	506.9	466.9	457.6	441.7	428.4	420.4	412.4	409.7	412.4
62.5°	540.1	470.9	427.0	400.4	387.1	383.1	368.5	359.2	357.9	357.9	360.5
65°	445.7	387.1	359.2	337.9	328.6	324.6	314.0	307.3	308.6	308.6	310.0
67.5°	363.2	320.6	295.3	284.7	276.7	275.4	264.7	262.1	259.4	259.4	262.1
70°	288.7	262.1	243.5	238.1	236.8	227.5	223.5	222.2	218.2	219.5	219.5
72.5°	226.2	208.9	198.2	190.2	191.6	186.2	180.9	180.9	178.3	182.3	182.3
75°	167.6	159.6	151.7	149.0	151.7	149.0	145.0	143.7	145.0	143.7	143.7
77.5°	123.7	119.7	117.1	115.7	115.7	110.4	107.8	110.4	105.1	107.8	107.8
80°	86.5	81.2	79.8	77.2	78.5	74.5	75.8	73.2	73.2	73.2	73.2
82.5°	54.5	53.2	53.2	53.2	51.9	51.9	51.9	51.9	51.9	51.9	50.6
85°	33.3	31.9	31.9	31.9	30.6	30.6	30.6	30.6	30.6	30.6	30.6
87.5°	13.3	14.6	14.6	16.0	14.6	13.3	13.3	13.3	14.6	14.6	13.3
90°	12.8	13.6	14.5	15.3	15.7	16.0	16.5	17.0	17.5	18.0	17.5
92.5°	34.1	35.3	36.4	37.6	38.2	38.4	38.7	39.0	39.4	39.7	39.4
95°	58.8	60.0	61.1	62.3	62.9	63.1	63.4	63.7	64.1	64.4	64.1
97.5°	87.1	88.1	89.1	90.1	90.6	90.7	90.8	91.0	91.1	91.3	91.1
100°	116.0	117.5	119.0	120.5	121.3	121.5	121.8	122.1	122.5	122.8	122.5
102.5°	146.2	147.8	149.5	151.2	152.0	152.2	152.7	153.2	153.7	154.2	153.7
105°	179.9	180.9	181.9	182.9	183.4	183.6	184.1	184.6	185.1	185.6	185.1
107.5°	215.3	215.8	216.3	216.8	217.1	217.1	217.1	217.1	217.1	217.1	217.1
110°	252.0	252.5	253.0	253.5	253.8	253.7	253.5	253.4	253.2	253.0	253.2

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	289.1	289.3	289.4	289.6	289.7	289.5	289.2	288.9	288.5	288.2	288.5
115°	326.9	326.8	326.6	326.5	326.4	326.3	326.1	326.0	325.8	325.6	325.8
117.5°	364.0	364.1	364.3	364.4	364.5	364.2	363.5	362.8	362.2	361.5	362.2
120°	402.0	402.0	402.0	402.0	402.0	401.7	401.0	400.3	399.7	399.0	399.7
122.5°	439.2	439.0	438.9	438.7	438.6	438.4	437.9	437.4	436.9	436.4	436.9
125°	475.8	475.4	475.1	474.8	474.6	474.5	474.3	474.2	474.0	473.8	474.0
127.5°	511.8	511.7	511.5	511.4	511.3	511.1	510.8	510.5	510.1	509.8	510.1
130°	547.7	547.6	547.4	547.3	547.2	547.0	546.7	546.4	546.0	545.7	546.0
132.5°	582.2	582.0	581.9	581.7	581.6	581.4	580.9	580.4	579.9	579.4	579.9
135°	617.5	617.5	617.5	617.5	617.5	617.2	616.5	615.8	615.2	614.5	615.2
137.5°	652.2	652.3	652.5	652.6	652.7	652.3	651.5	650.6	649.8	649.0	649.8
140°	684.5	684.9	685.2	685.5	685.7	685.3	684.4	683.6	682.7	681.9	682.7
142.5°	716.6	716.7	716.9	717.0	717.1	716.7	715.9	715.0	714.2	713.4	714.2
145°	747.0	747.0	747.0	747.0	747.0	746.8	746.3	745.8	745.3	744.8	745.3
147.5°	775.2	775.7	776.2	776.7	777.0	776.3	775.0	773.7	772.3	771.0	772.3
150°	802.4	802.4	802.4	802.4	802.4	802.2	801.9	801.6	801.2	800.9	801.2
152.5°	826.9	827.4	827.9	828.4	828.6	828.3	827.6	826.9	826.3	825.6	826.3
155°	850.3	850.9	851.6	852.3	852.6	852.2	851.3	850.5	849.6	848.8	849.6
157.5°	871.2	871.8	872.5	873.2	873.5	872.9	871.8	870.6	869.5	868.3	869.5
160°	890.0	890.6	891.3	892.0	892.3	891.9	891.0	890.2	889.3	888.5	889.3
162.5°	907.3	908.1	909.0	909.8	910.2	909.7	908.7	907.7	906.7	905.7	906.7
165°	922.9	923.5	924.2	924.9	925.2	924.7	923.7	922.7	921.7	920.7	921.7
167.5°	934.4	935.4	936.4	937.4	937.9	937.4	936.4	935.4	934.4	933.4	934.4
170°	944.9	945.9	946.9	947.9	948.4	947.8	946.7	945.5	944.4	943.2	944.4
172.5°	952.4	953.4	954.4	955.4	955.9	955.4	954.4	953.4	952.4	951.4	952.4
175°	957.6	958.6	959.6	960.6	961.1	960.5	959.4	958.2	957.1	955.9	957.1
177.5°	960.6	961.6	962.6	963.6	964.1	963.5	962.4	961.2	960.1	958.9	960.1
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1726.8	1717.5	1721.5	1717.5	1713.5	1709.5	1700.2	1686.9	1676.2	1668.2	1666.9
5°	1859.8	1847.8	1839.9	1835.9	1827.9	1817.2	1799.9	1780.0	1756.0	1746.7	1728.1
7.5°	1982.2	1978.2	1959.6	1956.9	1951.6	1931.7	1902.4	1875.8	1845.2	1819.9	1796.0
10°	2097.9	2088.6	2075.3	2056.7	2054.0	2028.8	2000.8	1963.6	1923.7	1899.7	1857.2
12.5°	2169.8	2159.1	2144.5	2132.5	2125.9	2109.9	2071.3	2034.1	1998.2	1954.3	1917.0
15°	2221.7	2208.4	2181.8	2172.4	2164.5	2143.2	2115.2	2076.7	2028.8	1998.2	1945.0
17.5°	2292.2	2276.2	2249.6	2232.3	2217.7	2184.4	2144.5	2092.6	2047.4	2012.8	1964.9
20°	2373.3	2349.4	2314.8	2292.2	2270.9	2232.3	2176.4	2115.2	2050.1	2007.5	1958.3
22.5°	2507.7	2462.5	2407.9	2376.0	2346.7	2280.2	2213.7	2137.9	2064.7	2000.8	1941.0
25°	2638.1	2592.8	2525.0	2481.1	2435.9	2358.7	2270.9	2165.8	2072.7	1998.2	1919.7
27.5°	2759.1	2712.6	2650.0	2596.8	2552.9	2437.2	2321.4	2203.0	2084.6	1982.2	1902.4
30°	2787.1	2767.1	2719.2	2672.7	2632.7	2526.3	2391.9	2241.6	2099.3	1967.6	1878.4
32.5°	2618.1	2667.3	2679.3	2672.7	2647.4	2571.5	2447.8	2289.5	2120.6	1960.9	1838.5
35°	2266.9	2356.0	2447.8	2497.0	2521.0	2531.6	2458.5	2313.5	2135.2	1950.3	1811.9
37.5°	1879.8	1966.2	2111.2	2184.4	2265.6	2372.0	2401.3	2308.1	2128.5	1942.3	1769.4
40°	1544.5	1654.9	1774.7	1841.2	1911.7	2103.3	2248.3	2237.6	2107.3	1913.0	1736.1
42.5°	1257.2	1326.3	1431.4	1504.6	1591.1	1805.3	1999.5	2095.3	2043.4	1877.1	1693.5
45°	1048.3	1101.5	1176.0	1250.5	1303.7	1498.0	1728.1	1885.1	1934.3	1813.3	1628.3
47.5°	883.3	923.3	988.4	1035.0	1092.2	1245.2	1444.7	1665.6	1769.4	1722.8	1559.2
50°	757.0	788.9	840.8	870.0	920.6	1052.3	1204.0	1435.4	1592.4	1597.7	1467.4
52.5°	646.5	678.5	722.4	747.7	778.2	867.4	1020.4	1215.9	1396.9	1463.4	1362.3
55°	562.7	581.4	617.3	637.2	665.2	751.6	848.8	1015.0	1204.0	1313.0	1249.2
57.5°	485.6	505.5	528.1	544.1	564.1	633.2	721.0	846.1	1033.7	1152.1	1130.8
60°	423.0	435.0	456.3	468.3	486.9	532.1	593.3	718.4	867.4	979.1	991.1
62.5°	364.5	375.2	389.8	400.4	412.4	448.3	493.6	582.7	713.1	834.1	850.1
65°	314.0	323.3	331.3	340.6	349.9	372.5	411.1	480.3	581.4	694.4	729.0
67.5°	268.7	271.4	283.4	284.7	290.0	307.3	335.2	391.1	464.3	554.8	600.0
70°	224.8	230.1	232.8	236.8	242.1	254.1	276.7	306.0	360.5	433.7	476.3
72.5°	182.3	183.6	187.6	190.2	195.6	204.9	215.5	238.1	272.7	325.9	364.5
75°	145.0	146.3	149.0	150.3	154.3	157.0	162.3	178.3	202.2	234.1	262.1
77.5°	109.1	111.7	114.4	114.4	115.7	118.4	121.1	126.4	138.4	159.6	183.6
80°	74.5	75.8	75.8	77.2	75.8	79.8	83.8	90.5	95.8	102.4	114.4
82.5°	51.9	51.9	51.9	53.2	53.2	54.5	54.5	55.9	57.2	61.2	66.5
85°	31.9	31.9	33.3	30.6	31.9	33.3	33.3	31.9	33.3	34.6	35.9
87.5°	13.3	13.3	14.6	14.6	14.6	14.6	13.3	14.6	13.3	14.6	14.6
90°	17.0	16.5	16.0	15.7	15.3	14.5	13.6	12.8	12.0	10.8	9.6
92.5°	39.0	38.7	38.4	38.2	37.6	36.4	35.3	34.1	32.9	31.4	29.9
95°	63.7	63.4	63.1	62.9	62.3	61.1	60.0	58.8	57.6	56.0	54.3
97.5°	91.0	90.8	90.7	90.6	90.1	89.1	88.1	87.1	86.1	83.8	81.4
100°	122.1	121.8	121.5	121.3	120.5	119.0	117.5	116.0	114.5	112.3	110.2
102.5°	153.2	152.7	152.2	152.0	151.2	149.5	147.8	146.2	144.5	143.7	142.8
105°	184.6	184.1	183.6	183.4	182.9	181.9	180.9	179.9	178.9	177.9	176.9
107.5°	217.1	217.1	217.1	217.1	216.8	216.3	215.8	215.3	214.8	214.0	213.2
110°	253.4	253.5	253.7	253.8	253.5	253.0	252.5	252.0	251.5	251.0	250.5

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	288.9	289.2	289.5	289.7	289.6	289.4	289.3	289.1	288.9	288.2	287.6
115°	326.0	326.1	326.3	326.4	326.5	326.6	326.8	326.9	327.1	326.8	326.4
117.5°	362.8	363.5	364.2	364.5	364.4	364.3	364.1	364.0	363.8	363.5	363.1
120°	400.3	401.0	401.7	402.0	402.0	402.0	402.0	402.0	402.0	401.8	401.6
122.5°	437.4	437.9	438.4	438.6	438.7	438.9	439.0	439.2	439.4	438.9	438.4
125°	474.2	474.3	474.5	474.6	474.8	475.1	475.4	475.8	476.1	475.9	475.7
127.5°	510.5	510.8	511.1	511.3	511.4	511.5	511.7	511.8	512.0	511.8	511.7
130°	546.4	546.7	547.0	547.2	547.3	547.4	547.6	547.7	547.9	547.6	547.2
132.5°	580.4	580.9	581.4	581.6	581.7	581.9	582.0	582.2	582.4	582.6	582.7
135°	615.8	616.5	617.2	617.5	617.5	617.5	617.5	617.5	617.5	617.3	617.2
137.5°	650.6	651.5	652.3	652.7	652.6	652.5	652.3	652.2	652.0	651.7	651.3
140°	683.6	684.4	685.3	685.7	685.5	685.2	684.9	684.5	684.2	683.7	683.2
142.5°	715.0	715.9	716.7	717.1	717.0	716.9	716.7	716.6	716.4	715.7	715.1
145°	745.8	746.3	746.8	747.0	747.0	747.0	747.0	747.0	747.0	746.5	746.0
147.5°	773.7	775.0	776.3	777.0	776.7	776.2	775.7	775.2	774.7	774.4	774.0
150°	801.6	801.9	802.2	802.4	802.4	802.4	802.4	802.4	802.4	801.7	801.1
152.5°	826.9	827.6	828.3	828.6	828.4	827.9	827.4	826.9	826.4	826.2	826.0
155°	850.5	851.3	852.2	852.6	852.3	851.6	850.9	850.3	849.6	849.4	849.2
157.5°	870.6	871.8	872.9	873.5	873.2	872.5	871.8	871.2	870.5	870.3	870.2
160°	890.2	891.0	891.9	892.3	892.0	891.3	890.6	890.0	889.3	889.1	888.9
162.5°	907.7	908.7	909.7	910.2	909.8	909.0	908.1	907.3	906.5	906.5	906.5
165°	922.7	923.7	924.7	925.2	924.9	924.2	923.5	922.9	922.2	922.0	921.8
167.5°	935.4	936.4	937.4	937.9	937.4	936.4	935.4	934.4	933.4	933.4	933.4
170°	945.5	946.7	947.8	948.4	947.9	946.9	945.9	944.9	943.9	943.9	943.9
172.5°	953.4	954.4	955.4	955.9	955.4	954.4	953.4	952.4	951.4	951.4	951.4
175°	958.2	959.4	960.5	961.1	960.6	959.6	958.6	957.6	956.6	956.6	956.6
177.5°	961.2	962.4	963.5	964.1	963.6	962.6	961.6	960.6	959.6	959.8	960.0
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1662.9	1654.9	1649.6	1648.3	1640.3	1633.7	1625.7	1624.3	1620.4	1609.7	1603.1
5°	1714.8	1696.2	1692.2	1680.2	1660.3	1645.6	1627.0	1616.4	1604.4	1584.4	1568.5
7.5°	1768.0	1742.7	1724.1	1706.8	1678.9	1652.3	1625.7	1604.4	1583.1	1553.8	1529.9
10°	1819.9	1781.3	1758.7	1733.4	1694.9	1654.9	1617.7	1587.1	1552.5	1517.9	1483.3
12.5°	1867.8	1818.6	1785.3	1749.4	1701.5	1652.3	1604.4	1561.8	1525.9	1479.3	1440.8
15°	1897.1	1842.5	1809.3	1774.7	1702.8	1648.3	1592.4	1537.9	1490.0	1440.8	1404.8
17.5°	1914.4	1853.2	1815.9	1784.0	1710.8	1636.3	1564.5	1505.9	1454.1	1395.5	1347.6
20°	1906.4	1846.5	1811.9	1781.3	1696.2	1621.7	1544.5	1476.7	1411.5	1351.6	1301.1
22.5°	1889.1	1826.6	1788.0	1760.0	1684.2	1596.4	1511.3	1438.1	1370.2	1310.4	1253.2
25°	1851.8	1790.6	1757.4	1722.8	1648.3	1564.5	1478.0	1399.5	1327.7	1263.8	1200.0
27.5°	1818.6	1744.1	1709.5	1678.9	1600.4	1525.9	1440.8	1354.3	1281.1	1214.6	1150.7
30°	1780.0	1696.2	1658.9	1617.7	1547.2	1476.7	1391.5	1311.7	1235.9	1165.4	1104.2
32.5°	1738.8	1641.6	1599.1	1552.5	1480.7	1414.2	1342.3	1263.8	1188.0	1118.8	1055.0
35°	1685.5	1581.8	1532.6	1488.6	1414.2	1347.6	1281.1	1215.9	1140.1	1066.9	1005.7
37.5°	1635.0	1520.6	1468.7	1418.1	1339.7	1275.8	1221.3	1160.1	1086.9	1016.4	957.8
40°	1577.8	1446.1	1392.9	1346.3	1265.2	1194.6	1145.4	1097.5	1033.7	965.8	902.0
42.5°	1525.9	1376.9	1321.0	1273.1	1188.0	1121.5	1074.9	1035.0	979.1	916.6	851.4
45°	1454.1	1302.4	1245.2	1194.6	1108.2	1045.6	997.8	963.2	919.3	860.7	802.2
47.5°	1387.5	1230.6	1168.0	1106.8	1028.4	964.5	920.6	894.0	864.7	812.8	753.0
50°	1306.4	1148.1	1084.2	1033.7	944.5	890.0	846.1	827.5	800.9	751.6	703.7
52.5°	1218.6	1068.3	1008.4	947.2	864.7	811.5	772.9	751.6	730.4	694.4	649.2
55°	1116.2	979.1	923.3	868.7	786.2	737.0	702.4	679.8	667.8	634.6	601.3
57.5°	1017.7	888.7	836.8	786.2	714.4	658.5	635.9	615.9	598.7	574.7	546.8
60°	917.9	800.9	745.0	699.8	637.2	586.7	568.1	548.1	534.8	516.2	496.2
62.5°	803.5	703.7	661.2	618.6	565.4	525.5	504.2	488.2	470.9	459.0	441.7
65°	682.5	612.0	570.7	538.8	488.2	452.3	436.4	425.7	411.1	399.1	385.8
67.5°	569.4	513.5	496.2	461.6	423.0	391.1	379.1	365.8	353.9	347.2	335.2
70°	460.3	420.4	403.1	393.8	351.2	329.9	319.3	314.0	299.3	292.7	284.7
72.5°	356.5	341.9	329.9	318.0	290.0	276.7	264.7	259.4	248.8	243.5	240.8
75°	263.4	254.1	247.4	246.1	234.1	220.8	208.9	206.2	198.2	192.9	190.2
77.5°	184.9	182.3	180.9	182.3	174.3	166.3	163.6	161.0	151.7	150.3	150.3
80°	121.1	127.7	127.7	126.4	123.7	122.4	118.4	115.7	110.4	109.1	110.4
82.5°	74.5	78.5	79.8	82.5	81.2	79.8	77.2	75.8	77.2	74.5	75.8
85°	37.2	39.9	45.2	45.2	46.6	46.6	46.6	45.2	42.6	43.9	42.6
87.5°	14.6	16.0	16.0	16.0	14.6	18.6	20.0	20.0	20.0	17.3	17.3
90°	8.5	7.3	6.7	6.0	4.7	3.4	2.0	0.7	2.0	3.4	4.7
92.5°	28.4	26.9	26.2	25.8	25.0	24.1	23.3	22.5	23.3	24.1	25.0
95°	52.7	51.0	50.2	50.0	49.7	49.4	49.0	48.7	49.0	49.4	49.7
97.5°	79.1	76.8	75.6	75.5	75.4	75.2	75.1	74.9	75.1	75.2	75.4
100°	108.0	105.9	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8
102.5°	142.0	141.1	140.7	140.3	139.5	138.6	137.8	137.0	137.8	138.6	139.5
105°	175.9	174.9	174.4	174.0	173.2	172.3	171.5	170.7	171.5	172.3	173.2
107.5°	212.3	211.5	211.1	210.7	209.8	209.0	208.1	207.3	208.1	209.0	209.8
110°	250.0	249.5	249.3	248.9	248.0	247.2	246.3	245.5	246.3	247.2	248.0

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	286.9	286.2	285.9	285.7	285.4	285.1	284.7	284.4	284.7	285.1	285.4
115°	326.1	325.8	325.6	325.3	324.6	323.9	323.3	322.6	323.3	323.9	324.6
117.5°	362.8	362.5	362.3	362.2	362.0	361.9	361.7	361.5	361.7	361.9	362.0
120°	401.5	401.3	401.2	400.8	400.0	399.1	398.3	397.5	398.3	399.1	400.0
122.5°	437.9	437.4	437.1	437.0	436.9	436.7	436.6	436.4	436.6	436.7	436.9
125°	475.6	475.4	475.3	474.8	473.8	472.8	471.8	470.8	471.8	472.8	473.8
127.5°	511.5	511.4	511.3	511.0	510.5	510.0	509.5	509.0	509.5	510.0	510.5
130°	546.9	546.6	546.4	546.0	545.2	544.3	543.5	542.7	543.5	544.3	545.2
132.5°	582.9	583.0	583.1	582.4	580.9	579.4	577.9	576.4	577.9	579.4	580.9
135°	617.0	616.9	616.8	616.3	615.3	614.3	613.3	612.3	613.3	614.3	615.3
137.5°	651.0	650.7	650.5	650.0	649.0	648.0	647.0	646.0	647.0	648.0	649.0
140°	682.7	682.2	681.9	681.5	680.7	679.8	679.0	678.2	679.0	679.8	680.7
142.5°	714.4	713.7	713.4	713.1	712.4	711.7	711.1	710.4	711.1	711.7	712.4
145°	745.5	745.0	744.8	744.5	743.8	743.1	742.5	741.8	742.5	743.1	743.8
147.5°	773.7	773.4	773.2	773.0	772.5	772.0	771.5	771.0	771.5	772.0	772.5
150°	800.4	799.7	799.4	799.5	799.7	799.8	800.0	800.2	800.0	799.8	799.7
152.5°	825.9	825.7	825.6	825.4	825.1	824.8	824.4	824.1	824.4	824.8	825.1
155°	849.1	848.9	848.8	848.8	848.8	848.8	848.8	848.8	848.8	848.8	848.8
157.5°	870.0	869.9	869.8	870.0	870.3	870.6	871.0	871.3	871.0	870.6	870.3
160°	888.8	888.6	888.5	888.8	889.3	889.8	890.3	890.8	890.3	889.8	889.3
162.5°	906.5	906.5	906.5	906.7	907.0	907.3	907.7	908.0	907.7	907.3	907.0
165°	921.7	921.5	921.4	921.6	921.9	922.2	922.6	922.9	922.6	922.2	921.9
167.5°	933.4	933.4	933.4	933.7	934.4	935.1	935.7	936.4	935.7	935.1	934.4
170°	943.9	943.9	943.9	944.2	944.9	945.6	946.2	946.9	946.2	945.6	944.9
172.5°	951.4	951.4	951.4	951.7	952.4	953.1	953.7	954.4	953.7	953.1	952.4
175°	956.6	956.6	956.6	956.9	957.6	958.3	958.9	959.6	958.9	958.3	957.6
177.5°	960.1	960.3	960.4	960.7	961.4	962.1	962.7	963.4	962.7	962.1	961.4
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1599.1	1593.7	1589.8	1585.8	1568.5	1549.8	1547.2	1543.2	1535.2	1544.5	1540.5
5°	1557.8	1545.9	1539.2	1521.9	1500.6	1484.7	1471.4	1455.4	1448.7	1443.4	1442.1
7.5°	1507.3	1496.6	1484.7	1467.4	1440.8	1414.2	1394.2	1378.2	1364.9	1358.3	1358.3
10°	1458.1	1444.7	1428.8	1399.5	1374.2	1341.0	1319.7	1303.7	1285.1	1274.5	1265.2
12.5°	1407.5	1392.9	1378.2	1341.0	1311.7	1277.1	1246.5	1226.6	1217.3	1205.3	1189.3
15°	1356.9	1334.3	1319.7	1282.4	1245.2	1210.6	1190.7	1169.4	1148.1	1136.1	1130.8
17.5°	1303.7	1287.8	1263.8	1223.9	1182.7	1152.1	1122.8	1102.9	1077.6	1065.6	1053.6
20°	1255.8	1231.9	1207.9	1168.0	1128.1	1086.9	1057.6	1033.7	1017.7	1008.4	997.8
22.5°	1198.6	1176.0	1156.1	1113.5	1069.6	1031.0	999.1	984.5	968.5	953.9	943.2
25°	1149.4	1126.8	1106.8	1060.3	1012.4	976.5	952.5	933.9	916.6	910.0	899.3
27.5°	1097.5	1076.2	1049.6	1003.1	960.5	929.9	904.6	887.3	874.0	860.7	852.7
30°	1048.3	1024.4	1000.4	949.9	915.3	884.7	860.7	839.4	828.8	822.1	808.8
32.5°	1000.4	969.8	949.9	903.3	870.0	840.8	820.8	802.2	788.9	776.9	766.3
35°	948.5	915.3	895.3	856.7	822.1	792.9	775.6	762.3	746.3	735.7	730.4
37.5°	899.3	871.4	851.4	811.5	776.9	753.0	734.3	717.1	710.4	695.8	693.1
40°	846.1	822.1	803.5	764.9	733.0	714.4	694.4	678.5	666.5	659.8	650.5
42.5°	798.2	778.2	758.3	722.4	691.8	669.2	654.5	639.9	629.3	618.6	612.0
45°	754.3	733.0	714.4	679.8	649.2	629.3	614.6	597.3	594.7	580.0	573.4
47.5°	707.7	689.1	673.2	637.2	609.3	589.3	572.0	560.1	548.1	542.8	533.5
50°	662.5	643.9	625.3	593.3	568.1	548.1	530.8	517.5	510.9	502.9	494.9
52.5°	613.3	598.7	584.0	550.8	525.5	508.2	493.6	476.3	469.6	463.0	457.6
55°	572.0	550.8	534.8	506.9	484.2	465.6	449.7	436.4	429.7	424.4	417.7
57.5°	516.2	502.9	489.6	464.3	443.0	424.4	408.4	397.8	389.8	385.8	387.1
60°	468.3	453.6	445.7	419.1	397.8	383.1	368.5	357.9	349.9	345.9	344.6
62.5°	417.7	407.1	392.4	373.8	352.5	339.2	328.6	320.6	307.3	306.0	302.0
65°	368.5	360.5	347.2	329.9	312.6	300.7	288.7	278.0	272.7	266.1	262.1
67.5°	320.6	312.6	300.7	286.0	274.0	262.1	251.4	240.8	231.5	226.2	223.5
70°	274.0	267.4	259.4	242.1	227.5	218.2	210.2	203.5	194.2	191.6	190.2
72.5°	228.8	222.2	218.2	203.5	190.2	182.3	174.3	167.6	163.6	162.3	158.3
75°	187.6	180.9	175.6	162.3	154.3	149.0	141.0	138.4	134.4	133.0	131.7
77.5°	146.3	139.7	138.4	129.0	119.7	117.1	114.4	109.1	109.1	109.1	106.4
80°	105.1	103.8	102.4	93.1	89.1	86.5	85.1	81.2	78.5	75.8	74.5
82.5°	70.5	69.2	67.8	63.9	59.9	58.5	57.2	54.5	54.5	55.9	53.2
85°	42.6	39.9	38.6	37.2	34.6	34.6	35.9	34.6	34.6	34.6	33.3
87.5°	16.0	16.0	16.0	16.0	17.3	14.6	16.0	16.0	14.6	14.6	13.3
90°	6.0	6.7	7.3	8.5	9.6	10.8	12.0	12.8	13.6	14.5	15.3
92.5°	25.8	26.2	26.9	28.4	29.9	31.4	32.9	34.1	35.3	36.4	37.6
95°	50.0	50.2	51.0	52.7	54.3	56.0	57.6	58.8	60.0	61.1	62.3
97.5°	75.5	75.6	76.8	79.1	81.4	83.8	86.1	87.1	88.1	89.1	90.1
100°	104.8	104.8	105.9	108.0	110.2	112.3	114.5	116.0	117.5	119.0	120.5
102.5°	140.3	140.7	141.1	142.0	142.8	143.7	144.5	146.2	147.8	149.5	151.2
105°	174.0	174.4	174.9	175.9	176.9	177.9	178.9	179.9	180.9	181.9	182.9
107.5°	210.7	211.1	211.5	212.3	213.2	214.0	214.8	215.3	215.8	216.3	216.8
110°	248.9	249.3	249.5	250.0	250.5	251.0	251.5	252.0	252.5	253.0	253.5

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	285.7	285.9	286.2	286.9	287.6	288.2	288.9	289.1	289.3	289.4	289.6
115°	325.3	325.6	325.8	326.1	326.4	326.8	327.1	326.9	326.8	326.6	326.5
117.5°	362.2	362.3	362.5	362.8	363.1	363.5	363.8	364.0	364.1	364.3	364.4
120°	400.8	401.2	401.3	401.5	401.6	401.8	402.0	402.0	402.0	402.0	402.0
122.5°	437.0	437.1	437.4	437.9	438.4	438.9	439.4	439.2	439.0	438.9	438.7
125°	474.8	475.3	475.4	475.6	475.7	475.9	476.1	475.8	475.4	475.1	474.8
127.5°	511.0	511.3	511.4	511.5	511.7	511.8	512.0	511.8	511.7	511.5	511.4
130°	546.0	546.4	546.6	546.9	547.2	547.6	547.9	547.7	547.6	547.4	547.3
132.5°	582.4	583.1	583.0	582.9	582.7	582.6	582.4	582.2	582.0	581.9	581.7
135°	616.3	616.8	616.9	617.0	617.2	617.3	617.5	617.5	617.5	617.5	617.5
137.5°	650.0	650.5	650.7	651.0	651.3	651.7	652.0	652.2	652.3	652.5	652.6
140°	681.5	681.9	682.2	682.7	683.2	683.7	684.2	684.5	684.9	685.2	685.5
142.5°	713.1	713.4	713.7	714.4	715.1	715.7	716.4	716.6	716.7	716.9	717.0
145°	744.5	744.8	745.0	745.5	746.0	746.5	747.0	747.0	747.0	747.0	747.0
147.5°	773.0	773.2	773.4	773.7	774.0	774.4	774.7	775.2	775.7	776.2	776.7
150°	799.5	799.4	799.7	800.4	801.1	801.7	802.4	802.4	802.4	802.4	802.4
152.5°	825.4	825.6	825.7	825.9	826.0	826.2	826.4	826.9	827.4	827.9	828.4
155°	848.8	848.8	848.9	849.1	849.2	849.4	849.6	850.3	850.9	851.6	852.3
157.5°	870.0	869.8	869.9	870.0	870.2	870.3	870.5	871.2	871.8	872.5	873.2
160°	888.8	888.5	888.6	888.8	888.9	889.1	889.3	890.0	890.6	891.3	892.0
162.5°	906.7	906.5	906.5	906.5	906.5	906.5	906.5	907.3	908.1	909.0	909.8
165°	921.6	921.4	921.5	921.7	921.8	922.0	922.2	922.9	923.5	924.2	924.9
167.5°	933.7	933.4	933.4	933.4	933.4	933.4	933.4	934.4	935.4	936.4	937.4
170°	944.2	943.9	943.9	943.9	943.9	943.9	943.9	944.9	945.9	946.9	947.9
172.5°	951.7	951.4	951.4	951.4	951.4	951.4	951.4	952.4	953.4	954.4	955.4
175°	956.9	956.6	956.6	956.6	956.6	956.6	956.6	957.6	958.6	959.6	960.6
177.5°	960.7	960.4	960.3	960.1	960.0	959.8	959.6	960.6	961.6	962.6	963.6
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1533.9	1536.5	1529.9	1527.2	1521.9	1528.6	1529.9	1528.6	1540.5	1535.2	1537.9
5°	1444.7	1439.4	1435.4	1426.1	1426.1	1427.5	1431.4	1424.8	1428.8	1438.1	1436.8
7.5°	1346.3	1343.6	1345.0	1334.3	1326.3	1329.0	1326.3	1338.3	1345.0	1342.3	1347.6
10°	1257.2	1262.5	1250.5	1245.2	1239.9	1245.2	1243.9	1246.5	1254.5	1259.8	1269.1
12.5°	1185.3	1184.0	1177.3	1172.0	1162.7	1165.4	1173.4	1170.7	1172.0	1184.0	1182.7
15°	1117.5	1109.5	1104.2	1092.2	1094.9	1085.6	1093.5	1102.9	1106.8	1117.5	1124.1
17.5°	1049.6	1048.3	1041.7	1040.3	1025.7	1021.7	1029.7	1032.3	1036.3	1041.7	1051.0
20°	992.4	991.1	981.8	979.1	967.2	975.1	972.5	977.8	980.5	991.1	995.1
22.5°	940.5	933.9	931.2	927.2	923.3	921.9	927.2	925.9	935.2	939.2	940.5
25°	892.7	887.3	886.0	879.4	876.7	872.7	876.7	880.7	891.3	895.3	900.6
27.5°	848.8	844.8	842.1	836.8	832.8	832.8	835.5	840.8	844.8	847.4	850.1
30°	808.8	806.2	798.2	795.5	791.6	791.6	791.6	794.2	800.9	808.8	812.8
32.5°	767.6	762.3	757.0	757.0	753.0	753.0	754.3	757.0	763.6	764.9	771.6
35°	727.7	722.4	718.4	715.7	717.1	711.7	714.4	718.4	726.4	729.0	733.0
37.5°	689.1	687.8	679.8	675.8	678.5	678.5	677.1	679.8	685.1	690.4	693.1
40°	646.5	643.9	643.9	639.9	641.2	635.9	639.9	642.6	645.2	650.5	654.5
42.5°	609.3	606.6	601.3	602.6	598.7	598.7	601.3	602.6	606.6	613.3	615.9
45°	569.4	569.4	566.7	562.7	564.1	560.1	562.7	564.1	569.4	576.0	573.4
47.5°	530.8	529.5	529.5	524.2	526.8	522.8	526.8	528.1	530.8	534.8	533.5
50°	493.6	489.6	490.9	489.6	488.2	488.2	490.9	490.9	493.6	493.6	497.5
52.5°	455.0	455.0	452.3	453.6	456.3	453.6	457.6	453.6	456.3	457.6	460.3
55°	420.4	417.7	419.1	417.7	423.0	419.1	423.0	420.4	423.0	421.7	424.4
57.5°	383.1	379.1	380.5	379.1	383.1	381.8	385.8	381.8	383.1	384.5	388.5
60°	340.6	340.6	340.6	337.9	341.9	341.9	340.6	340.6	345.9	348.5	347.2
62.5°	300.7	299.3	295.3	294.0	295.3	292.7	298.0	296.7	299.3	302.0	304.6
65°	256.8	254.1	252.8	250.1	250.1	248.8	250.1	255.4	256.8	258.1	264.7
67.5°	220.8	219.5	218.2	214.2	214.2	216.8	216.8	216.8	224.8	220.8	226.2
70°	188.9	186.2	183.6	182.3	182.3	183.6	184.9	186.2	184.9	190.2	191.6
72.5°	158.3	159.6	157.0	157.0	157.0	155.6	155.6	158.3	159.6	158.3	159.6
75°	131.7	131.7	130.4	131.7	131.7	130.4	130.4	133.0	133.0	131.7	135.7
77.5°	106.4	105.1	102.4	99.8	101.1	99.8	101.1	99.8	103.8	107.8	105.1
80°	74.5	73.2	73.2	73.2	74.5	73.2	75.8	73.2	74.5	74.5	75.8
82.5°	53.2	54.5	54.5	53.2	54.5	53.2	54.5	54.5	54.5	53.2	54.5
85°	34.6	34.6	34.6	34.6	33.3	34.6	34.6	34.6	35.9	34.6	35.9
87.5°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	16.0	14.6	16.0
90°	15.7	16.0	16.5	17.0	17.5	18.0	17.5	17.0	16.5	16.0	15.7
92.5°	38.2	38.4	38.7	39.0	39.4	39.7	39.4	39.0	38.7	38.4	38.2
95°	62.9	63.1	63.4	63.7	64.1	64.4	64.1	63.7	63.4	63.1	62.9
97.5°	90.6	90.7	90.8	91.0	91.1	91.3	91.1	91.0	90.8	90.7	90.6
100°	121.3	121.5	121.8	122.1	122.5	122.8	122.5	122.1	121.8	121.5	121.3
102.5°	152.0	152.2	152.7	153.2	153.7	154.2	153.7	153.2	152.7	152.2	152.0
105°	183.4	183.6	184.1	184.6	185.1	185.6	185.1	184.6	184.1	183.6	183.4
107.5°	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
110°	253.8	253.7	253.5	253.4	253.2	253.0	253.2	253.4	253.5	253.7	253.8

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	289.7	289.5	289.2	288.9	288.5	288.2	288.5	288.9	289.2	289.5	289.7
115°	326.4	326.3	326.1	326.0	325.8	325.6	325.8	326.0	326.1	326.3	326.4
117.5°	364.5	364.2	363.5	362.8	362.2	361.5	362.2	362.8	363.5	364.2	364.5
120°	402.0	401.7	401.0	400.3	399.7	399.0	399.7	400.3	401.0	401.7	402.0
122.5°	438.6	438.4	437.9	437.4	436.9	436.4	436.9	437.4	437.9	438.4	438.6
125°	474.6	474.5	474.3	474.2	474.0	473.8	474.0	474.2	474.3	474.5	474.6
127.5°	511.3	511.1	510.8	510.5	510.1	509.8	510.1	510.5	510.8	511.1	511.3
130°	547.2	547.0	546.7	546.4	546.0	545.7	546.0	546.4	546.7	547.0	547.2
132.5°	581.6	581.4	580.9	580.4	579.9	579.4	579.9	580.4	580.9	581.4	581.6
135°	617.5	617.2	616.5	615.8	615.2	614.5	615.2	615.8	616.5	617.2	617.5
137.5°	652.7	652.3	651.5	650.6	649.8	649.0	649.8	650.6	651.5	652.3	652.7
140°	685.7	685.3	684.4	683.6	682.7	681.9	682.7	683.6	684.4	685.3	685.7
142.5°	717.1	716.7	715.9	715.0	714.2	713.4	714.2	715.0	715.9	716.7	717.1
145°	747.0	746.8	746.3	745.8	745.3	744.8	745.3	745.8	746.3	746.8	747.0
147.5°	777.0	776.3	775.0	773.7	772.3	771.0	772.3	773.7	775.0	776.3	777.0
150°	802.4	802.2	801.9	801.6	801.2	800.9	801.2	801.6	801.9	802.2	802.4
152.5°	828.6	828.3	827.6	826.9	826.3	825.6	826.3	826.9	827.6	828.3	828.6
155°	852.6	852.2	851.3	850.5	849.6	848.8	849.6	850.5	851.3	852.2	852.6
157.5°	873.5	872.9	871.8	870.6	869.5	868.3	869.5	870.6	871.8	872.9	873.5
160°	892.3	891.9	891.0	890.2	889.3	888.5	889.3	890.2	891.0	891.9	892.3
162.5°	910.2	909.7	908.7	907.7	906.7	905.7	906.7	907.7	908.7	909.7	910.2
165°	925.2	924.7	923.7	922.7	921.7	920.7	921.7	922.7	923.7	924.7	925.2
167.5°	937.9	937.4	936.4	935.4	934.4	933.4	934.4	935.4	936.4	937.4	937.9
170°	948.4	947.8	946.7	945.5	944.4	943.2	944.4	945.5	946.7	947.8	948.4
172.5°	955.9	955.4	954.4	953.4	952.4	951.4	952.4	953.4	954.4	955.4	955.9
175°	961.1	960.5	959.4	958.2	957.1	955.9	957.1	958.2	959.4	960.5	961.1
177.5°	964.1	963.5	962.4	961.2	960.1	958.9	960.1	961.2	962.4	963.5	964.1
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1532.6	1539.2	1533.9	1529.9	1540.5	1545.9	1545.9	1555.2	1564.5	1572.5	1573.8
5°	1438.1	1448.7	1451.4	1450.1	1466.0	1474.0	1491.3	1500.6	1513.9	1523.2	1533.9
7.5°	1351.6	1366.3	1367.6	1370.2	1394.2	1407.5	1422.1	1446.1	1464.7	1478.0	1490.0
10°	1265.2	1274.5	1283.8	1295.7	1319.7	1342.3	1363.6	1388.9	1412.8	1426.1	1443.4
12.5°	1200.0	1206.6	1217.3	1225.2	1250.5	1270.5	1298.4	1333.0	1367.6	1378.2	1399.5
15°	1132.1	1136.1	1157.4	1165.4	1186.7	1219.9	1237.2	1270.5	1307.7	1327.7	1351.6
17.5°	1053.6	1077.6	1090.9	1100.2	1126.8	1153.4	1181.3	1215.9	1263.8	1282.4	1299.7
20°	997.8	1015.0	1029.7	1041.7	1065.6	1105.5	1130.8	1158.7	1204.0	1225.2	1250.5
22.5°	948.5	963.2	976.5	989.8	1005.7	1041.7	1070.9	1109.5	1154.7	1174.7	1204.0
25°	902.0	916.6	924.6	940.5	961.8	987.1	1021.7	1056.3	1101.5	1124.1	1152.1
27.5°	856.7	871.4	886.0	899.3	913.9	937.9	961.8	1005.7	1052.3	1078.9	1102.9
30°	818.2	824.8	838.1	852.7	867.4	890.0	917.9	948.5	1001.7	1025.7	1055.0
32.5°	775.6	787.6	796.9	807.5	826.1	844.8	870.0	908.6	951.2	973.8	1005.7
35°	735.7	746.3	753.0	771.6	783.6	803.5	828.8	863.4	899.3	924.6	952.5
37.5°	697.1	707.7	715.7	726.4	742.3	759.6	786.2	811.5	854.1	875.4	907.3
40°	657.2	666.5	675.8	687.8	702.4	723.7	739.7	771.6	806.2	830.1	854.1
42.5°	618.6	623.9	634.6	647.9	662.5	681.1	703.7	729.0	763.6	784.9	806.2
45°	577.4	586.7	598.7	608.0	621.3	639.9	659.8	682.5	717.1	738.3	761.0
47.5°	538.8	545.4	553.4	568.1	585.3	598.7	619.9	641.2	673.2	693.1	714.4
50°	498.9	505.5	517.5	526.8	540.1	557.4	577.4	600.0	630.6	643.9	665.2
52.5°	461.6	464.3	476.3	485.6	498.9	518.8	534.8	554.8	584.0	598.7	619.9
55°	424.4	427.0	433.7	443.0	457.6	473.6	490.9	513.5	538.8	552.1	572.0
57.5°	385.8	388.5	395.1	401.8	416.4	431.0	451.0	469.6	494.9	506.9	525.5
60°	347.2	347.2	353.9	363.2	373.8	387.1	404.4	427.0	445.7	460.3	473.6
62.5°	306.0	310.0	314.0	320.6	332.6	348.5	363.2	379.1	401.8	412.4	424.4
65°	264.7	268.7	276.7	283.4	292.7	303.3	321.9	335.2	352.5	364.5	375.2
67.5°	228.8	232.8	238.1	246.1	252.8	264.7	278.0	291.3	310.0	318.0	325.9
70°	191.6	195.6	199.6	210.2	216.8	226.2	235.5	248.8	264.7	270.1	276.7
72.5°	162.3	163.6	169.0	171.6	180.9	188.9	199.6	207.5	219.5	226.2	231.5
75°	137.0	137.0	138.4	141.0	146.3	151.7	159.6	167.6	178.3	182.3	188.9
77.5°	107.8	111.7	110.4	113.1	115.7	118.4	125.1	130.4	141.0	143.7	146.3
80°	77.2	78.5	82.5	86.5	86.5	90.5	94.5	95.8	102.4	106.4	106.4
82.5°	55.9	57.2	55.9	57.2	58.5	59.9	63.9	69.2	69.2	70.5	73.2
85°	34.6	34.6	35.9	37.2	37.2	35.9	38.6	37.2	38.6	41.2	41.2
87.5°	17.3	16.0	16.0	16.0	16.0	16.0	17.3	16.0	17.3	17.3	17.3
90°	15.3	14.5	13.6	12.8	12.0	10.8	9.6	8.5	7.3	6.7	6.0
92.5°	37.6	36.4	35.3	34.1	32.9	31.4	29.9	28.4	26.9	26.2	25.8
95°	62.3	61.1	60.0	58.8	57.6	56.0	54.3	52.7	51.0	50.2	50.0
97.5°	90.1	89.1	88.1	87.1	86.1	83.8	81.4	79.1	76.8	75.6	75.5
100°	120.5	119.0	117.5	116.0	114.5	112.3	110.2	108.0	105.9	104.8	104.8
102.5°	151.2	149.5	147.8	146.2	144.5	143.7	142.8	142.0	141.1	140.7	140.3
105°	182.9	181.9	180.9	179.9	178.9	177.9	176.9	175.9	174.9	174.4	174.0
107.5°	216.8	216.3	215.8	215.3	214.8	214.0	213.2	212.3	211.5	211.1	210.7
110°	253.5	253.0	252.5	252.0	251.5	251.0	250.5	250.0	249.5	249.3	248.9

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	289.6	289.4	289.3	289.1	288.9	288.2	287.6	286.9	286.2	285.9	285.7
115°	326.5	326.6	326.8	326.9	327.1	326.8	326.4	326.1	325.8	325.6	325.3
117.5°	364.4	364.3	364.1	364.0	363.8	363.5	363.1	362.8	362.5	362.3	362.2
120°	402.0	402.0	402.0	402.0	402.0	401.8	401.6	401.5	401.3	401.2	400.8
122.5°	438.7	438.9	439.0	439.2	439.4	438.9	438.4	437.9	437.4	437.1	437.0
125°	474.8	475.1	475.4	475.8	476.1	475.9	475.7	475.6	475.4	475.3	474.8
127.5°	511.4	511.5	511.7	511.8	512.0	511.8	511.7	511.5	511.4	511.3	511.0
130°	547.3	547.4	547.6	547.7	547.9	547.6	547.2	546.9	546.6	546.4	546.0
132.5°	581.7	581.9	582.0	582.2	582.4	582.6	582.7	582.9	583.0	583.1	582.4
135°	617.5	617.5	617.5	617.5	617.5	617.3	617.2	617.0	616.9	616.8	616.3
137.5°	652.6	652.5	652.3	652.2	652.0	651.7	651.3	651.0	650.7	650.5	650.0
140°	685.5	685.2	684.9	684.5	684.2	683.7	683.2	682.7	682.2	681.9	681.5
142.5°	717.0	716.9	716.7	716.6	716.4	715.7	715.1	714.4	713.7	713.4	713.1
145°	747.0	747.0	747.0	747.0	747.0	746.5	746.0	745.5	745.0	744.8	744.5
147.5°	776.7	776.2	775.7	775.2	774.7	774.4	774.0	773.7	773.4	773.2	773.0
150°	802.4	802.4	802.4	802.4	802.4	801.7	801.1	800.4	799.7	799.4	799.5
152.5°	828.4	827.9	827.4	826.9	826.4	826.2	826.0	825.9	825.7	825.6	825.4
155°	852.3	851.6	850.9	850.3	849.6	849.4	849.2	849.1	848.9	848.8	848.8
157.5°	873.2	872.5	871.8	871.2	870.5	870.3	870.2	870.0	869.9	869.8	870.0
160°	892.0	891.3	890.6	890.0	889.3	889.1	888.9	888.8	888.6	888.5	888.8
162.5°	909.8	909.0	908.1	907.3	906.5	906.5	906.5	906.5	906.5	906.5	906.7
165°	924.9	924.2	923.5	922.9	922.2	922.0	921.8	921.7	921.5	921.4	921.6
167.5°	937.4	936.4	935.4	934.4	933.4	933.4	933.4	933.4	933.4	933.4	933.7
170°	947.9	946.9	945.9	944.9	943.9	943.9	943.9	943.9	943.9	943.9	944.2
172.5°	955.4	954.4	953.4	952.4	951.4	951.4	951.4	951.4	951.4	951.4	951.7
175°	960.6	959.6	958.6	957.6	956.6	956.6	956.6	956.6	956.6	956.6	956.9
177.5°	963.6	962.6	961.6	960.6	959.6	959.8	960.0	960.1	960.3	960.4	960.7
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1620.4	1620.4	1620.4	1620.4
2.5°	1583.1	1595.1	1607.0	1621.7
5°	1551.2	1572.5	1595.1	1616.4
7.5°	1516.6	1547.2	1576.5	1607.0
10°	1478.0	1516.6	1549.8	1592.4
12.5°	1435.4	1476.7	1523.2	1571.1
15°	1392.9	1444.7	1494.0	1548.5
17.5°	1353.0	1402.2	1456.7	1521.9
20°	1305.1	1359.6	1420.8	1490.0
22.5°	1254.5	1314.4	1380.9	1455.4
25°	1211.9	1273.1	1337.0	1415.5
27.5°	1165.4	1229.2	1291.8	1375.6
30°	1112.2	1181.3	1245.2	1331.7
32.5°	1061.6	1130.8	1201.3	1282.4
35°	1012.4	1080.2	1150.7	1233.2
37.5°	965.8	1027.0	1096.2	1170.7
40°	921.9	977.8	1039.0	1106.8
42.5°	866.1	931.2	988.4	1037.7
45°	818.2	871.4	924.6	964.5
47.5°	762.3	815.5	860.7	892.7
50°	715.7	758.3	795.5	823.5
52.5°	659.8	699.8	730.4	751.6
55°	605.3	639.9	666.5	681.1
57.5°	556.1	578.7	598.7	612.0
60°	501.5	518.8	536.1	550.8
62.5°	443.0	461.6	470.9	486.9
65°	391.1	403.1	417.7	423.0
67.5°	340.6	347.2	356.5	367.2
70°	287.4	291.3	300.7	315.3
72.5°	240.8	244.8	251.4	256.8
75°	191.6	195.6	200.9	206.2
77.5°	150.3	151.7	154.3	159.6
80°	109.1	113.1	115.7	117.1
82.5°	75.8	77.2	77.2	78.5
85°	47.9	45.2	45.2	46.6
87.5°	17.3	20.0	20.0	22.6
90°	4.7	3.4	2.0	0.7
92.5°	25.0	24.1	23.3	22.5
95°	49.7	49.4	49.0	48.7
97.5°	75.4	75.2	75.1	74.9
100°	104.8	104.8	104.8	104.8
102.5°	139.5	138.6	137.8	137.0
105°	173.2	172.3	171.5	170.7
107.5°	209.8	209.0	208.1	207.3
110°	248.0	247.2	246.3	245.5

TEST NUMBER: P1035753

CATALOG NUMBER: S125RDIW-B1090D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	285.4	285.1	284.7	284.4
115°	324.6	323.9	323.3	322.6
117.5°	362.0	361.9	361.7	361.5
120°	400.0	399.1	398.3	397.5
122.5°	436.9	436.7	436.6	436.4
125°	473.8	472.8	471.8	470.8
127.5°	510.5	510.0	509.5	509.0
130°	545.2	544.3	543.5	542.7
132.5°	580.9	579.4	577.9	576.4
135°	615.3	614.3	613.3	612.3
137.5°	649.0	648.0	647.0	646.0
140°	680.7	679.8	679.0	678.2
142.5°	712.4	711.7	711.1	710.4
145°	743.8	743.1	742.5	741.8
147.5°	772.5	772.0	771.5	771.0
150°	799.7	799.8	800.0	800.2
152.5°	825.1	824.8	824.4	824.1
155°	848.8	848.8	848.8	848.8
157.5°	870.3	870.6	871.0	871.3
160°	889.3	889.8	890.3	890.8
162.5°	907.0	907.3	907.7	908.0
165°	921.9	922.2	922.6	922.9
167.5°	934.4	935.1	935.7	936.4
170°	944.9	945.6	946.2	946.9
172.5°	952.4	953.1	953.7	954.4
175°	957.6	958.3	958.9	959.6
177.5°	961.4	962.1	962.7	963.4
180°	961.9	961.9	961.9	961.9

(END OF REPORT)