

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: P1028535

Luminaire Tested: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028535
REPORT IS A COMBINATION OF REPORTS P1005080 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

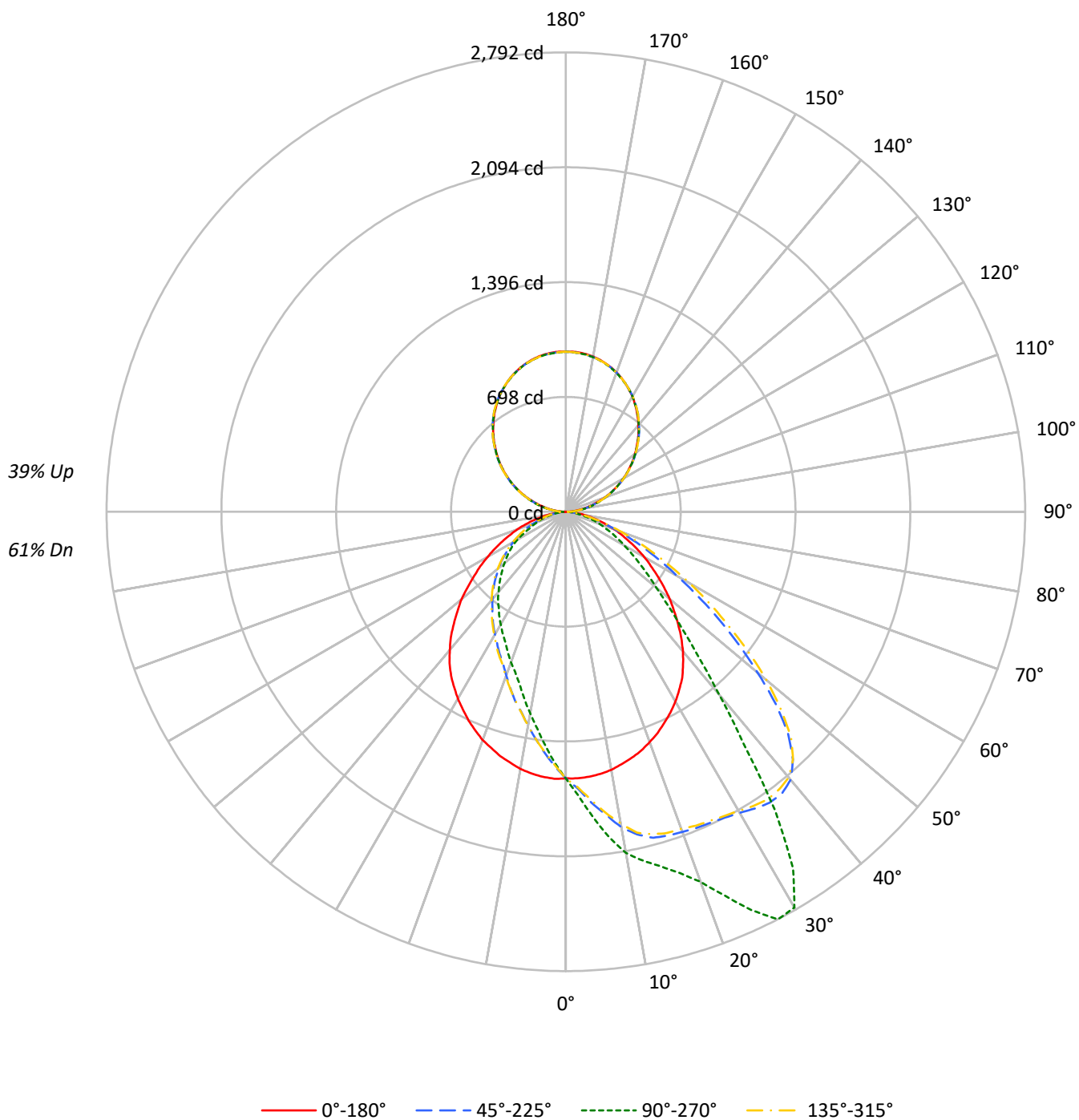
Lumens per Lamp: N/A
Luminaire Lumens: 6915.0 lumens
Efficiency: N/A
Efficacy: 101.8 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 67.9
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	65	59	58	57
2	92	85	79	74	86	80	74	70	70	66	63	61	58	55	53	51	49
3	84	75	68	62	79	71	64	59	62	57	53	54	51	47	47	44	42
4	77	67	59	53	72	63	56	50	55	50	46	49	44	41	42	39	36
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	31	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	27	33	28	25	29	25	23
9	53	40	33	28	49	38	31	27	34	29	25	31	26	23	27	23	20
10	49	37	30	25	46	35	29	24	32	26	22	28	24	20	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	2.2
10°-20°	455.5	6.6
20°-30°	722.3	10.4
30°-40°	872.8	12.6
40°-50°	777.1	11.2
50°-60°	595.9	8.6
60°-70°	387.0	5.6
70°-80°	187.8	2.7
80°-90°	45.7	0.7
90°-100°	64.7	0.9
100°-110°	192.2	2.8
110°-120°	326.0	4.7
120°-130°	429.1	6.2
130°-140°	480.9	7.0
140°-150°	471.4	6.8
150°-160°	395.9	5.7
160°-170°	263.2	3.8
170°-180°	92.1	1.3
0°-30°	1333.2	19.3
0°-40°	2206.0	31.9
0°-60°	3579.0	51.8
0°-90°	4199.5	60.7
90°-120°	582.9	8.4
90°-150°	1964.3	28.4
90°-180°	2715.0	39.3
0°-180°	6915.0	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	65	49	65	49	51
105°	173	188	173	188	173	184
115°	326	329	326	329	326	323
125°	476	479	476	479	476	427
135°	619	622	619	622	619	477
145°	750	753	750	753	750	469
155°	859	859	859	859	859	396
165°	934	931	934	931	934	263
175°	971	967	971	967	971	92
180°	973	973	973	973	973	

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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°	0.8	2.1	3.5	4.8	6.1	6.8	7.4	8.6	9.7	10.9	12.1
92.5°	22.7	23.5	24.4	25.2	26.1	26.5	27.3	28.8	30.3	31.8	33.3
95°	49.2	49.5	49.9	50.2	50.5	50.7	51.5	53.2	54.9	56.6	58.3
97.5°	75.7	75.9	76.1	76.2	76.4	76.5	77.7	80.0	82.4	84.7	87.1
100°	106.0	106.0	106.0	106.0	106.0	106.0	107.1	109.3	111.4	113.6	115.8
102.5°	138.6	139.4	140.2	141.1	141.9	142.3	142.7	143.6	144.4	145.3	146.1
105°	172.6	173.4	174.3	175.1	176.0	176.4	176.9	177.9	179.0	180.0	181.0
107.5°	209.7	210.5	211.4	212.2	213.1	213.5	213.9	214.8	215.6	216.5	217.3
110°	248.4	249.2	250.0	250.9	251.7	252.1	252.4	252.9	253.4	253.9	254.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	287.7	288.0	288.4	288.7	289.0	289.2	289.5	290.2	290.9	291.6	292.3
115°	326.3	327.0	327.7	328.4	329.1	329.4	329.6	329.9	330.2	330.6	330.9
117.5°	365.7	365.9	366.1	366.2	366.4	366.5	366.7	367.0	367.3	367.7	368.0
120°	402.1	402.9	403.7	404.6	405.4	405.8	405.9	406.1	406.2	406.4	406.6
122.5°	441.4	441.6	441.8	441.9	442.1	442.2	442.5	443.0	443.5	444.0	444.5
125°	476.3	477.3	478.3	479.3	480.3	480.8	480.9	481.1	481.2	481.4	481.6
127.5°	514.9	515.4	515.9	516.4	516.9	517.2	517.3	517.4	517.6	517.7	517.9
130°	549.0	549.8	550.6	551.5	552.3	552.7	552.9	553.2	553.6	553.9	554.3
132.5°	583.0	584.5	586.0	587.5	589.0	589.8	589.7	589.6	589.4	589.3	589.1
135°	619.4	620.4	621.4	622.4	623.4	623.9	624.0	624.2	624.3	624.5	624.7
137.5°	653.4	654.4	655.4	656.5	657.5	658.0	658.2	658.5	658.8	659.2	659.5
140°	686.0	686.8	687.7	688.5	689.4	689.8	690.1	690.6	691.1	691.6	692.1
142.5°	718.6	719.3	719.9	720.6	721.3	721.6	721.9	722.6	723.3	723.9	724.6
145°	750.4	751.1	751.7	752.4	753.1	753.4	753.7	754.2	754.7	755.2	755.7
147.5°	779.9	780.4	780.9	781.4	781.9	782.2	782.4	782.7	783.0	783.4	783.7
150°	809.4	809.2	809.1	808.9	808.8	808.7	809.0	809.7	810.4	811.0	811.7
152.5°	833.7	834.0	834.4	834.7	835.0	835.2	835.3	835.4	835.6	835.7	835.9
155°	858.6	858.6	858.6	858.6	858.6	858.6	858.7	858.9	859.0	859.2	859.4
157.5°	881.4	881.0	880.7	880.3	880.0	879.8	879.9	880.1	880.2	880.4	880.6
160°	901.0	900.5	900.0	899.5	899.0	898.8	898.9	899.0	899.2	899.3	899.5
162.5°	918.5	918.1	917.8	917.4	917.1	916.9	916.9	916.9	916.9	916.9	916.9
165°	933.6	933.3	932.9	932.6	932.3	932.1	932.2	932.3	932.5	932.6	932.8
167.5°	947.2	946.5	945.9	945.2	944.5	944.2	944.2	944.2	944.2	944.2	944.2
170°	957.8	957.1	956.5	955.8	955.1	954.8	954.8	954.8	954.8	954.8	954.8
172.5°	965.4	964.7	964.1	963.4	962.7	962.4	962.4	962.4	962.4	962.4	962.4
175°	970.7	970.0	969.4	968.7	968.0	967.7	967.7	967.7	967.7	967.7	967.7
177.5°	974.5	973.8	973.2	972.5	971.8	971.5	971.4	971.2	971.1	970.9	970.7
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

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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°	12.9	13.8	14.6	15.5	15.9	16.2	16.7	17.2	17.7	18.2	17.7
92.5°	34.5	35.7	36.8	38.0	38.6	38.8	39.1	39.4	39.8	40.1	39.8
95°	59.5	60.7	61.8	63.0	63.6	63.8	64.1	64.4	64.8	65.1	64.8
97.5°	88.1	89.1	90.1	91.1	91.6	91.7	91.9	92.0	92.2	92.4	92.2
100°	117.3	118.9	120.4	121.9	122.7	122.9	123.2	123.5	123.9	124.2	123.9
102.5°	147.8	149.5	151.2	152.9	153.7	154.0	154.5	155.0	155.5	156.0	155.5
105°	182.0	183.0	184.0	185.0	185.5	185.8	186.3	186.8	187.3	187.8	187.3
107.5°	217.8	218.3	218.8	219.3	219.6	219.6	219.6	219.6	219.6	219.6	219.6
110°	254.9	255.4	255.9	256.4	256.7	256.6	256.4	256.3	256.1	255.9	256.1

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	292.5	292.6	292.8	292.9	293.0	292.8	292.5	292.2	291.8	291.5	291.8
115°	330.7	330.5	330.4	330.2	330.1	330.0	329.9	329.7	329.6	329.4	329.6
117.5°	368.2	368.3	368.5	368.6	368.7	368.4	367.7	367.0	366.4	365.7	366.4
120°	406.6	406.6	406.6	406.6	406.6	406.3	405.6	404.9	404.3	403.6	404.3
122.5°	444.3	444.1	444.0	443.8	443.7	443.4	442.9	442.4	441.9	441.4	441.9
125°	481.2	480.9	480.5	480.2	480.0	479.9	479.8	479.6	479.5	479.3	479.5
127.5°	517.7	517.6	517.4	517.3	517.2	517.0	516.7	516.3	516.0	515.6	516.0
130°	554.1	553.9	553.8	553.6	553.5	553.3	553.0	552.7	552.3	552.0	552.3
132.5°	588.9	588.7	588.6	588.4	588.3	588.1	587.6	587.1	586.6	586.1	586.6
135°	624.7	624.7	624.7	624.7	624.7	624.4	623.7	623.0	622.3	621.6	622.3
137.5°	659.7	659.9	660.0	660.2	660.3	659.9	659.0	658.2	657.3	656.5	657.3
140°	692.4	692.8	693.1	693.4	693.6	693.2	692.3	691.5	690.6	689.8	690.6
142.5°	724.8	725.0	725.1	725.3	725.4	725.0	724.1	723.3	722.4	721.6	722.4
145°	755.7	755.7	755.7	755.7	755.7	755.4	754.9	754.4	753.9	753.4	753.9
147.5°	784.2	784.7	785.2	785.7	785.9	785.2	783.9	782.6	781.2	779.9	781.2
150°	811.7	811.7	811.7	811.7	811.7	811.5	811.2	810.9	810.5	810.2	810.5
152.5°	836.4	836.9	837.4	837.9	838.2	837.9	837.2	836.5	835.9	835.2	835.9
155°	860.1	860.7	861.4	862.1	862.4	862.0	861.1	860.3	859.4	858.6	859.4
157.5°	881.3	881.9	882.6	883.3	883.6	883.0	881.8	880.7	879.5	878.3	879.5
160°	900.2	900.9	901.6	902.3	902.6	902.2	901.3	900.5	899.6	898.8	899.6
162.5°	917.7	918.6	919.4	920.3	920.7	920.2	919.2	918.2	917.2	916.2	917.2
165°	933.5	934.2	934.9	935.6	935.9	935.4	934.4	933.3	932.3	931.3	932.3
167.5°	945.2	946.2	947.2	948.2	948.7	948.2	947.2	946.2	945.2	944.2	945.2
170°	955.8	956.8	957.8	958.8	959.3	958.7	957.5	956.4	955.2	954.0	955.2
172.5°	963.4	964.4	965.4	966.4	966.9	966.4	965.4	964.4	963.4	962.4	963.4
175°	968.7	969.7	970.7	971.7	972.2	971.6	970.4	969.3	968.1	966.9	968.1
177.5°	971.7	972.7	973.7	974.7	975.2	974.6	973.4	972.3	971.1	969.9	971.1
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-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°	17.2	16.7	16.2	15.9	15.5	14.6	13.8	12.9	12.1	10.9	9.7
92.5°	39.4	39.1	38.8	38.6	38.0	36.8	35.7	34.5	33.3	31.8	30.3
95°	64.4	64.1	63.8	63.6	63.0	61.8	60.7	59.5	58.3	56.6	54.9
97.5°	92.0	91.9	91.7	91.6	91.1	90.1	89.1	88.1	87.1	84.7	82.4
100°	123.5	123.2	122.9	122.7	121.9	120.4	118.9	117.3	115.8	113.6	111.4
102.5°	155.0	154.5	154.0	153.7	152.9	151.2	149.5	147.8	146.1	145.3	144.4
105°	186.8	186.3	185.8	185.5	185.0	184.0	183.0	182.0	181.0	180.0	179.0
107.5°	219.6	219.6	219.6	219.6	219.3	218.8	218.3	217.8	217.3	216.5	215.6
110°	256.3	256.4	256.6	256.7	256.4	255.9	255.4	254.9	254.4	253.9	253.4

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	292.2	292.5	292.8	293.0	292.9	292.8	292.6	292.5	292.3	291.6	290.9
115°	329.7	329.9	330.0	330.1	330.2	330.4	330.5	330.7	330.9	330.6	330.2
117.5°	367.0	367.7	368.4	368.7	368.6	368.5	368.3	368.2	368.0	367.7	367.3
120°	404.9	405.6	406.3	406.6	406.6	406.6	406.6	406.6	406.6	406.4	406.2
122.5°	442.4	442.9	443.4	443.7	443.8	444.0	444.1	444.3	444.5	444.0	443.5
125°	479.6	479.8	479.9	480.0	480.2	480.5	480.9	481.2	481.6	481.4	481.2
127.5°	516.3	516.7	517.0	517.2	517.3	517.4	517.6	517.7	517.9	517.7	517.6
130°	552.7	553.0	553.3	553.5	553.6	553.8	553.9	554.1	554.3	553.9	553.6
132.5°	587.1	587.6	588.1	588.3	588.4	588.6	588.7	588.9	589.1	589.3	589.4
135°	623.0	623.7	624.4	624.7	624.7	624.7	624.7	624.7	624.7	624.5	624.3
137.5°	658.2	659.0	659.9	660.3	660.2	660.0	659.9	659.7	659.5	659.2	658.8
140°	691.5	692.3	693.2	693.6	693.4	693.1	692.8	692.4	692.1	691.6	691.1
142.5°	723.3	724.1	725.0	725.4	725.3	725.1	725.0	724.8	724.6	723.9	723.3
145°	754.4	754.9	755.4	755.7	755.7	755.7	755.7	755.7	755.7	755.2	754.7
147.5°	782.6	783.9	785.2	785.9	785.7	785.2	784.7	784.2	783.7	783.4	783.0
150°	810.9	811.2	811.5	811.7	811.7	811.7	811.7	811.7	811.7	811.0	810.4
152.5°	836.5	837.2	837.9	838.2	837.9	837.4	836.9	836.4	835.9	835.7	835.6
155°	860.3	861.1	862.0	862.4	862.1	861.4	860.7	860.1	859.4	859.2	859.0
157.5°	880.7	881.8	883.0	883.6	883.3	882.6	881.9	881.3	880.6	880.4	880.2
160°	900.5	901.3	902.2	902.6	902.3	901.6	900.9	900.2	899.5	899.3	899.2
162.5°	918.2	919.2	920.2	920.7	920.3	919.4	918.6	917.7	916.9	916.9	916.9
165°	933.3	934.4	935.4	935.9	935.6	934.9	934.2	933.5	932.8	932.6	932.5
167.5°	946.2	947.2	948.2	948.7	948.2	947.2	946.2	945.2	944.2	944.2	944.2
170°	956.4	957.5	958.7	959.3	958.8	957.8	956.8	955.8	954.8	954.8	954.8
172.5°	964.4	965.4	966.4	966.9	966.4	965.4	964.4	963.4	962.4	962.4	962.4
175°	969.3	970.4	971.6	972.2	971.7	970.7	969.7	968.7	967.7	967.7	967.7
177.5°	972.3	973.4	974.6	975.2	974.7	973.7	972.7	971.7	970.7	970.9	971.1
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-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°	8.6	7.4	6.8	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8
92.5°	28.8	27.3	26.5	26.1	25.2	24.4	23.5	22.7	23.5	24.4	25.2
95°	53.2	51.5	50.7	50.5	50.2	49.9	49.5	49.2	49.5	49.9	50.2
97.5°	80.0	77.7	76.5	76.4	76.2	76.1	75.9	75.7	75.9	76.1	76.2
100°	109.3	107.1	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
102.5°	143.6	142.7	142.3	141.9	141.1	140.2	139.4	138.6	139.4	140.2	141.1
105°	177.9	176.9	176.4	176.0	175.1	174.3	173.4	172.6	173.4	174.3	175.1
107.5°	214.8	213.9	213.5	213.1	212.2	211.4	210.5	209.7	210.5	211.4	212.2
110°	252.9	252.4	252.1	251.7	250.9	250.0	249.2	248.4	249.2	250.0	250.9

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	290.2	289.5	289.2	289.0	288.7	288.4	288.0	287.7	288.0	288.4	288.7
115°	329.9	329.6	329.4	329.1	328.4	327.7	327.0	326.3	327.0	327.7	328.4
117.5°	367.0	366.7	366.5	366.4	366.2	366.1	365.9	365.7	365.9	366.1	366.2
120°	406.1	405.9	405.8	405.4	404.6	403.7	402.9	402.1	402.9	403.7	404.6
122.5°	443.0	442.5	442.2	442.1	441.9	441.8	441.6	441.4	441.6	441.8	441.9
125°	481.1	480.9	480.8	480.3	479.3	478.3	477.3	476.3	477.3	478.3	479.3
127.5°	517.4	517.3	517.2	516.9	516.4	515.9	515.4	514.9	515.4	515.9	516.4
130°	553.2	552.9	552.7	552.3	551.5	550.6	549.8	549.0	549.8	550.6	551.5
132.5°	589.6	589.7	589.8	589.0	587.5	586.0	584.5	583.0	584.5	586.0	587.5
135°	624.2	624.0	623.9	623.4	622.4	621.4	620.4	619.4	620.4	621.4	622.4
137.5°	658.5	658.2	658.0	657.5	656.5	655.4	654.4	653.4	654.4	655.4	656.5
140°	690.6	690.1	689.8	689.4	688.5	687.7	686.8	686.0	686.8	687.7	688.5
142.5°	722.6	721.9	721.6	721.3	720.6	719.9	719.3	718.6	719.3	719.9	720.6
145°	754.2	753.7	753.4	753.1	752.4	751.7	751.1	750.4	751.1	751.7	752.4
147.5°	782.7	782.4	782.2	781.9	781.4	780.9	780.4	779.9	780.4	780.9	781.4
150°	809.7	809.0	808.7	808.8	808.9	809.1	809.2	809.4	809.2	809.1	808.9
152.5°	835.4	835.3	835.2	835.0	834.7	834.4	834.0	833.7	834.0	834.4	834.7
155°	858.9	858.7	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6
157.5°	880.1	879.9	879.8	880.0	880.3	880.7	881.0	881.4	881.0	880.7	880.3
160°	899.0	898.9	898.8	899.0	899.5	900.0	900.5	901.0	900.5	900.0	899.5
162.5°	916.9	916.9	916.9	917.1	917.4	917.8	918.1	918.5	918.1	917.8	917.4
165°	932.3	932.2	932.1	932.3	932.6	932.9	933.3	933.6	933.3	932.9	932.6
167.5°	944.2	944.2	944.2	944.5	945.2	945.9	946.5	947.2	946.5	945.9	945.2
170°	954.8	954.8	954.8	955.1	955.8	956.5	957.1	957.8	957.1	956.5	955.8
172.5°	962.4	962.4	962.4	962.7	963.4	964.1	964.7	965.4	964.7	964.1	963.4
175°	967.7	967.7	967.7	968.0	968.7	969.4	970.0	970.7	970.0	969.4	968.7
177.5°	971.2	971.4	971.5	971.8	972.5	973.2	973.8	974.5	973.8	973.2	972.5
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-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°	6.1	6.8	7.4	8.6	9.7	10.9	12.1	12.9	13.8	14.6	15.5
92.5°	26.1	26.5	27.3	28.8	30.3	31.8	33.3	34.5	35.7	36.8	38.0
95°	50.5	50.7	51.5	53.2	54.9	56.6	58.3	59.5	60.7	61.8	63.0
97.5°	76.4	76.5	77.7	80.0	82.4	84.7	87.1	88.1	89.1	90.1	91.1
100°	106.0	106.0	107.1	109.3	111.4	113.6	115.8	117.3	118.9	120.4	121.9
102.5°	141.9	142.3	142.7	143.6	144.4	145.3	146.1	147.8	149.5	151.2	152.9
105°	176.0	176.4	176.9	177.9	179.0	180.0	181.0	182.0	183.0	184.0	185.0
107.5°	213.1	213.5	213.9	214.8	215.6	216.5	217.3	217.8	218.3	218.8	219.3
110°	251.7	252.1	252.4	252.9	253.4	253.9	254.4	254.9	255.4	255.9	256.4

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	289.0	289.2	289.5	290.2	290.9	291.6	292.3	292.5	292.6	292.8	292.9
115°	329.1	329.4	329.6	329.9	330.2	330.6	330.9	330.7	330.5	330.4	330.2
117.5°	366.4	366.5	366.7	367.0	367.3	367.7	368.0	368.2	368.3	368.5	368.6
120°	405.4	405.8	405.9	406.1	406.2	406.4	406.6	406.6	406.6	406.6	406.6
122.5°	442.1	442.2	442.5	443.0	443.5	444.0	444.5	444.3	444.1	444.0	443.8
125°	480.3	480.8	480.9	481.1	481.2	481.4	481.6	481.2	480.9	480.5	480.2
127.5°	516.9	517.2	517.3	517.4	517.6	517.7	517.9	517.7	517.6	517.4	517.3
130°	552.3	552.7	552.9	553.2	553.6	553.9	554.3	554.1	553.9	553.8	553.6
132.5°	589.0	589.8	589.7	589.6	589.4	589.3	589.1	588.9	588.7	588.6	588.4
135°	623.4	623.9	624.0	624.2	624.3	624.5	624.7	624.7	624.7	624.7	624.7
137.5°	657.5	658.0	658.2	658.5	658.8	659.2	659.5	659.7	659.9	660.0	660.2
140°	689.4	689.8	690.1	690.6	691.1	691.6	692.1	692.4	692.8	693.1	693.4
142.5°	721.3	721.6	721.9	722.6	723.3	723.9	724.6	724.8	725.0	725.1	725.3
145°	753.1	753.4	753.7	754.2	754.7	755.2	755.7	755.7	755.7	755.7	755.7
147.5°	781.9	782.2	782.4	782.7	783.0	783.4	783.7	784.2	784.7	785.2	785.7
150°	808.8	808.7	809.0	809.7	810.4	811.0	811.7	811.7	811.7	811.7	811.7
152.5°	835.0	835.2	835.3	835.4	835.6	835.7	835.9	836.4	836.9	837.4	837.9
155°	858.6	858.6	858.7	858.9	859.0	859.2	859.4	860.1	860.7	861.4	862.1
157.5°	880.0	879.8	879.9	880.1	880.2	880.4	880.6	881.3	881.9	882.6	883.3
160°	899.0	898.8	898.9	899.0	899.2	899.3	899.5	900.2	900.9	901.6	902.3
162.5°	917.1	916.9	916.9	916.9	916.9	916.9	916.9	917.7	918.6	919.4	920.3
165°	932.3	932.1	932.2	932.3	932.5	932.6	932.8	933.5	934.2	934.9	935.6
167.5°	944.5	944.2	944.2	944.2	944.2	944.2	944.2	945.2	946.2	947.2	948.2
170°	955.1	954.8	954.8	954.8	954.8	954.8	954.8	955.8	956.8	957.8	958.8
172.5°	962.7	962.4	962.4	962.4	962.4	962.4	962.4	963.4	964.4	965.4	966.4
175°	968.0	967.7	967.7	967.7	967.7	967.7	967.7	968.7	969.7	970.7	971.7
177.5°	971.8	971.5	971.4	971.2	971.1	970.9	970.7	971.7	972.7	973.7	974.7
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-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°	15.9	16.2	16.7	17.2	17.7	18.2	17.7	17.2	16.7	16.2	15.9
92.5°	38.6	38.8	39.1	39.4	39.8	40.1	39.8	39.4	39.1	38.8	38.6
95°	63.6	63.8	64.1	64.4	64.8	65.1	64.8	64.4	64.1	63.8	63.6
97.5°	91.6	91.7	91.9	92.0	92.2	92.4	92.2	92.0	91.9	91.7	91.6
100°	122.7	122.9	123.2	123.5	123.9	124.2	123.9	123.5	123.2	122.9	122.7
102.5°	153.7	154.0	154.5	155.0	155.5	156.0	155.5	155.0	154.5	154.0	153.7
105°	185.5	185.8	186.3	186.8	187.3	187.8	187.3	186.8	186.3	185.8	185.5
107.5°	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6
110°	256.7	256.6	256.4	256.3	256.1	255.9	256.1	256.3	256.4	256.6	256.7

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	293.0	292.8	292.5	292.2	291.8	291.5	291.8	292.2	292.5	292.8	293.0
115°	330.1	330.0	329.9	329.7	329.6	329.4	329.6	329.7	329.9	330.0	330.1
117.5°	368.7	368.4	367.7	367.0	366.4	365.7	366.4	367.0	367.7	368.4	368.7
120°	406.6	406.3	405.6	404.9	404.3	403.6	404.3	404.9	405.6	406.3	406.6
122.5°	443.7	443.4	442.9	442.4	441.9	441.4	441.9	442.4	442.9	443.4	443.7
125°	480.0	479.9	479.8	479.6	479.5	479.3	479.5	479.6	479.8	479.9	480.0
127.5°	517.2	517.0	516.7	516.3	516.0	515.6	516.0	516.3	516.7	517.0	517.2
130°	553.5	553.3	553.0	552.7	552.3	552.0	552.3	552.7	553.0	553.3	553.5
132.5°	588.3	588.1	587.6	587.1	586.6	586.1	586.6	587.1	587.6	588.1	588.3
135°	624.7	624.4	623.7	623.0	622.3	621.6	622.3	623.0	623.7	624.4	624.7
137.5°	660.3	659.9	659.0	658.2	657.3	656.5	657.3	658.2	659.0	659.9	660.3
140°	693.6	693.2	692.3	691.5	690.6	689.8	690.6	691.5	692.3	693.2	693.6
142.5°	725.4	725.0	724.1	723.3	722.4	721.6	722.4	723.3	724.1	725.0	725.4
145°	755.7	755.4	754.9	754.4	753.9	753.4	753.9	754.4	754.9	755.4	755.7
147.5°	785.9	785.2	783.9	782.6	781.2	779.9	781.2	782.6	783.9	785.2	785.9
150°	811.7	811.5	811.2	810.9	810.5	810.2	810.5	810.9	811.2	811.5	811.7
152.5°	838.2	837.9	837.2	836.5	835.9	835.2	835.9	836.5	837.2	837.9	838.2
155°	862.4	862.0	861.1	860.3	859.4	858.6	859.4	860.3	861.1	862.0	862.4
157.5°	883.6	883.0	881.8	880.7	879.5	878.3	879.5	880.7	881.8	883.0	883.6
160°	902.6	902.2	901.3	900.5	899.6	898.8	899.6	900.5	901.3	902.2	902.6
162.5°	920.7	920.2	919.2	918.2	917.2	916.2	917.2	918.2	919.2	920.2	920.7
165°	935.9	935.4	934.4	933.3	932.3	931.3	932.3	933.3	934.4	935.4	935.9
167.5°	948.7	948.2	947.2	946.2	945.2	944.2	945.2	946.2	947.2	948.2	948.7
170°	959.3	958.7	957.5	956.4	955.2	954.0	955.2	956.4	957.5	958.7	959.3
172.5°	966.9	966.4	965.4	964.4	963.4	962.4	963.4	964.4	965.4	966.4	966.9
175°	972.2	971.6	970.4	969.3	968.1	966.9	968.1	969.3	970.4	971.6	972.2
177.5°	975.2	974.6	973.4	972.3	971.1	969.9	971.1	972.3	973.4	974.6	975.2
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-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°	15.5	14.6	13.8	12.9	12.1	10.9	9.7	8.6	7.4	6.8	6.1
92.5°	38.0	36.8	35.7	34.5	33.3	31.8	30.3	28.8	27.3	26.5	26.1
95°	63.0	61.8	60.7	59.5	58.3	56.6	54.9	53.2	51.5	50.7	50.5
97.5°	91.1	90.1	89.1	88.1	87.1	84.7	82.4	80.0	77.7	76.5	76.4
100°	121.9	120.4	118.9	117.3	115.8	113.6	111.4	109.3	107.1	106.0	106.0
102.5°	152.9	151.2	149.5	147.8	146.1	145.3	144.4	143.6	142.7	142.3	141.9
105°	185.0	184.0	183.0	182.0	181.0	180.0	179.0	177.9	176.9	176.4	176.0
107.5°	219.3	218.8	218.3	217.8	217.3	216.5	215.6	214.8	213.9	213.5	213.1
110°	256.4	255.9	255.4	254.9	254.4	253.9	253.4	252.9	252.4	252.1	251.7

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	292.9	292.8	292.6	292.5	292.3	291.6	290.9	290.2	289.5	289.2	289.0
115°	330.2	330.4	330.5	330.7	330.9	330.6	330.2	329.9	329.6	329.4	329.1
117.5°	368.6	368.5	368.3	368.2	368.0	367.7	367.3	367.0	366.7	366.5	366.4
120°	406.6	406.6	406.6	406.6	406.6	406.4	406.2	406.1	405.9	405.8	405.4
122.5°	443.8	444.0	444.1	444.3	444.5	444.0	443.5	443.0	442.5	442.2	442.1
125°	480.2	480.5	480.9	481.2	481.6	481.4	481.2	481.1	480.9	480.8	480.3
127.5°	517.3	517.4	517.6	517.7	517.9	517.7	517.6	517.4	517.3	517.2	516.9
130°	553.6	553.8	553.9	554.1	554.3	553.9	553.6	553.2	552.9	552.7	552.3
132.5°	588.4	588.6	588.7	588.9	589.1	589.3	589.4	589.6	589.7	589.8	589.0
135°	624.7	624.7	624.7	624.7	624.7	624.5	624.3	624.2	624.0	623.9	623.4
137.5°	660.2	660.0	659.9	659.7	659.5	659.2	658.8	658.5	658.2	658.0	657.5
140°	693.4	693.1	692.8	692.4	692.1	691.6	691.1	690.6	690.1	689.8	689.4
142.5°	725.3	725.1	725.0	724.8	724.6	723.9	723.3	722.6	721.9	721.6	721.3
145°	755.7	755.7	755.7	755.7	755.7	755.2	754.7	754.2	753.7	753.4	753.1
147.5°	785.7	785.2	784.7	784.2	783.7	783.4	783.0	782.7	782.4	782.2	781.9
150°	811.7	811.7	811.7	811.7	811.7	811.0	810.4	809.7	809.0	808.7	808.8
152.5°	837.9	837.4	836.9	836.4	835.9	835.7	835.6	835.4	835.3	835.2	835.0
155°	862.1	861.4	860.7	860.1	859.4	859.2	859.0	858.9	858.7	858.6	858.6
157.5°	883.3	882.6	881.9	881.3	880.6	880.4	880.2	880.1	879.9	879.8	880.0
160°	902.3	901.6	900.9	900.2	899.5	899.3	899.2	899.0	898.9	898.8	899.0
162.5°	920.3	919.4	918.6	917.7	916.9	916.9	916.9	916.9	916.9	916.9	917.1
165°	935.6	934.9	934.2	933.5	932.8	932.6	932.5	932.3	932.2	932.1	932.3
167.5°	948.2	947.2	946.2	945.2	944.2	944.2	944.2	944.2	944.2	944.2	944.5
170°	958.8	957.8	956.8	955.8	954.8	954.8	954.8	954.8	954.8	954.8	955.1
172.5°	966.4	965.4	964.4	963.4	962.4	962.4	962.4	962.4	962.4	962.4	962.7
175°	971.7	970.7	969.7	968.7	967.7	967.7	967.7	967.7	967.7	967.7	968.0
177.5°	974.7	973.7	972.7	971.7	970.7	970.9	971.1	971.2	971.4	971.5	971.8
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-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°	4.8	3.5	2.1	0.8
92.5°	25.2	24.4	23.5	22.7
95°	50.2	49.9	49.5	49.2
97.5°	76.2	76.1	75.9	75.7
100°	106.0	106.0	106.0	106.0
102.5°	141.1	140.2	139.4	138.6
105°	175.1	174.3	173.4	172.6
107.5°	212.2	211.4	210.5	209.7
110°	250.9	250.0	249.2	248.4

TEST NUMBER: P1028535

CATALOG NUMBER: S125RDIP-B1090D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	288.7	288.4	288.0	287.7
115°	328.4	327.7	327.0	326.3
117.5°	366.2	366.1	365.9	365.7
120°	404.6	403.7	402.9	402.1
122.5°	441.9	441.8	441.6	441.4
125°	479.3	478.3	477.3	476.3
127.5°	516.4	515.9	515.4	514.9
130°	551.5	550.6	549.8	549.0
132.5°	587.5	586.0	584.5	583.0
135°	622.4	621.4	620.4	619.4
137.5°	656.5	655.4	654.4	653.4
140°	688.5	687.7	686.8	686.0
142.5°	720.6	719.9	719.3	718.6
145°	752.4	751.7	751.1	750.4
147.5°	781.4	780.9	780.4	779.9
150°	808.9	809.1	809.2	809.4
152.5°	834.7	834.4	834.0	833.7
155°	858.6	858.6	858.6	858.6
157.5°	880.3	880.7	881.0	881.4
160°	899.5	900.0	900.5	901.0
162.5°	917.4	917.8	918.1	918.5
165°	932.6	932.9	933.3	933.6
167.5°	945.2	945.9	946.5	947.2
170°	955.8	956.5	957.1	957.8
172.5°	963.4	964.1	964.7	965.4
175°	968.7	969.4	970.0	970.7
177.5°	972.5	973.2	973.8	974.5
180°	973.0	973.0	973.0	973.0

(END OF REPORT)