

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P332968-930

Luminaire Tested: **S124RDIP-S1020D810U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332968-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIP-S1020D810U930-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 810 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5825.1 lumens
Efficiency: N/A
Efficacy: 107.1 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

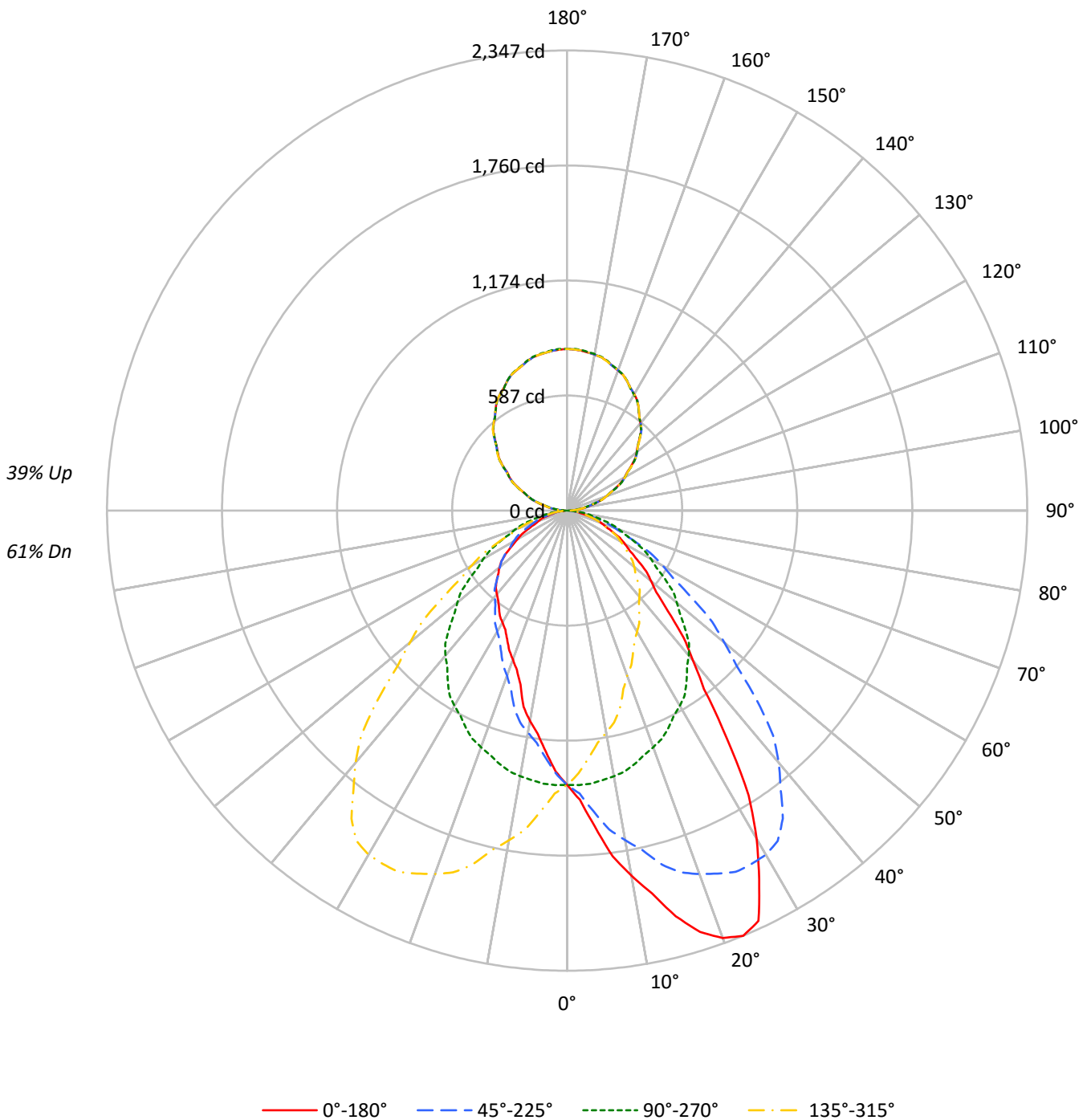
Input Watts (W): 54.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 89 | 89 | 89 | 77 | 77 | 77 | 66 | 66 | 66 | 61 |
| 1 | 101 | 97 | 93 | 89 | 94 | 91 | 87 | 84 | 79 | 77 | 75 | 69 | 67 | 65 | 59 | 58 | 57 | 52 |
| 2 | 92 | 85 | 79 | 74 | 86 | 80 | 75 | 70 | 70 | 66 | 63 | 61 | 58 | 56 | 53 | 51 | 49 | 45 |
| 3 | 84 | 75 | 68 | 62 | 79 | 71 | 64 | 59 | 62 | 57 | 53 | 54 | 51 | 48 | 47 | 44 | 42 | 38 |
| 4 | 78 | 67 | 59 | 53 | 72 | 63 | 56 | 51 | 56 | 50 | 46 | 49 | 45 | 41 | 43 | 39 | 37 | 33 |
| 5 | 71 | 60 | 52 | 46 | 67 | 57 | 49 | 44 | 50 | 44 | 40 | 44 | 40 | 36 | 39 | 35 | 32 | 29 |
| 6 | 66 | 54 | 46 | 40 | 62 | 51 | 44 | 38 | 45 | 39 | 35 | 40 | 35 | 32 | 35 | 31 | 29 | 26 |
| 7 | 61 | 49 | 41 | 35 | 57 | 46 | 39 | 34 | 41 | 35 | 31 | 37 | 32 | 28 | 32 | 28 | 26 | 23 |
| 8 | 57 | 45 | 37 | 32 | 53 | 42 | 35 | 30 | 38 | 32 | 28 | 34 | 29 | 25 | 30 | 26 | 23 | 21 |
| 9 | 53 | 41 | 33 | 28 | 50 | 39 | 32 | 27 | 35 | 29 | 25 | 31 | 26 | 23 | 27 | 24 | 21 | 19 |
| 10 | 50 | 38 | 30 | 26 | 47 | 36 | 29 | 25 | 32 | 27 | 23 | 29 | 24 | 21 | 25 | 22 | 19 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 11293 | 11293 | 11293 | 11293 |
| 5° | 13100 | 11327 | 10011 | 11327 |
| 10° | 15497 | 11278 | 8936 | 11278 |
| 15° | 17901 | 11173 | 7678 | 11173 |
| 20° | 19930 | 11030 | 6943 | 11030 |
| 25° | 20574 | 10889 | 6446 | 10889 |
| 30° | 18011 | 10718 | 6147 | 10718 |
| 35° | 14020 | 10464 | 5966 | 10464 |
| 40° | 10513 | 10175 | 5868 | 10175 |
| 45° | 8301 | 9710 | 5817 | 9710 |
| 50° | 7008 | 9173 | 5649 | 9173 |
| 55° | 6108 | 8583 | 5346 | 8583 |
| 60° | 5496 | 7971 | 4732 | 7971 |
| 65° | 4844 | 7310 | 4069 | 7310 |
| 70° | 4362 | 6626 | 3673 | 6626 |
| 75° | 3656 | 5873 | 3132 | 5873 |
| 80° | 3092 | 5002 | 2934 | 5002 |
| 85° | 2612 | 3909 | 2612 | 3909 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 135.5 | 2.3 |
| 10°-20° | 408.9 | 7.0 |
| 20°-30° | 639.5 | 11.0 |
| 30°-40° | 710.9 | 12.2 |
| 40°-50° | 630.7 | 10.8 |
| 50°-60° | 491.5 | 8.4 |
| 60°-70° | 321.8 | 5.5 |
| 70°-80° | 158.2 | 2.7 |
| 80°-90° | 41.5 | 0.7 |
| 90°-100° | 54.4 | 0.9 |
| 100°-110° | 161.0 | 2.8 |
| 110°-120° | 273.3 | 4.7 |
| 120°-130° | 360.4 | 6.2 |
| 130°-140° | 404.7 | 6.9 |
| 140°-150° | 397.7 | 6.8 |
| 150°-160° | 334.5 | 5.7 |
| 160°-170° | 222.6 | 3.8 |
| 170°-180° | 77.9 | 1.3 |
| 0°-30° | 1183.9 | 20.3 |
| 0°-40° | 1894.8 | 32.5 |
| 0°-60° | 3017.0 | 51.8 |
| 0°-90° | 3538.6 | 60.7 |
| 90°-120° | 488.7 | 8.4 |
| 90°-150° | 1651.5 | 28.4 |
| 90°-180° | 2287.0 | 39.3 |
| 0°-180° | 5825.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1399 | 1399 | 1399 | 1399 | 1399 | |
| 5° | 1616 | 1398 | 1235 | 1398 | 1616 | 164 |
| 15° | 2142 | 1337 | 919 | 1337 | 2142 | 609 |
| 25° | 2310 | 1222 | 724 | 1222 | 2310 | 1025 |
| 35° | 1423 | 1062 | 605 | 1062 | 1423 | 892 |
| 45° | 727 | 850 | 510 | 850 | 727 | 576 |
| 55° | 434 | 610 | 380 | 610 | 434 | 395 |
| 65° | 254 | 383 | 213 | 383 | 254 | 255 |
| 75° | 117 | 188 | 100 | 188 | 117 | 129 |
| 85° | 28 | 42 | 28 | 42 | 28 | 32 |
| 90° | 19 | 2 | 19 | 2 | 19 | 11 |
| 95° | 50 | 38 | 50 | 38 | 50 | 52 |
| 105° | 156 | 148 | 156 | 148 | 156 | 164 |
| 115° | 275 | 278 | 275 | 278 | 275 | 272 |
| 125° | 402 | 405 | 402 | 405 | 402 | 358 |
| 135° | 523 | 522 | 523 | 522 | 523 | 404 |
| 145° | 635 | 634 | 635 | 634 | 635 | 397 |
| 155° | 726 | 727 | 726 | 727 | 726 | 334 |
| 165° | 789 | 791 | 789 | 791 | 789 | 222 |
| 175° | 819 | 823 | 819 | 823 | 819 | 78 |
| 180° | 824 | 824 | 824 | 824 | 824 | |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 |
| 2.5° | 1475.5 | 1479.6 | 1475.5 | 1475.1 | 1470.6 | 1469.3 | 1467.5 | 1461.6 | 1450.7 | 1444.5 | 1445.8 |
| 5° | 1616.5 | 1630.5 | 1622.7 | 1621.5 | 1609.2 | 1596.8 | 1588.9 | 1570.8 | 1551.7 | 1538.7 | 1528.0 |
| 7.5° | 1779.5 | 1787.5 | 1782.7 | 1774.7 | 1754.7 | 1743.3 | 1725.0 | 1701.2 | 1666.9 | 1640.5 | 1616.6 |
| 10° | 1890.4 | 1897.1 | 1894.9 | 1880.2 | 1865.6 | 1835.7 | 1818.8 | 1785.6 | 1742.1 | 1707.8 | 1675.6 |
| 12.5° | 1999.5 | 2006.7 | 1986.9 | 1987.5 | 1959.8 | 1936.3 | 1909.4 | 1867.6 | 1817.5 | 1773.1 | 1732.9 |
| 15° | 2141.8 | 2132.7 | 2132.7 | 2121.5 | 2090.4 | 2057.8 | 2030.2 | 1986.2 | 1923.0 | 1870.1 | 1814.3 |
| 17.5° | 2253.2 | 2256.3 | 2251.7 | 2225.0 | 2200.7 | 2166.9 | 2116.3 | 2065.0 | 2006.4 | 1935.3 | 1878.2 |
| 20° | 2319.9 | 2319.9 | 2314.8 | 2296.8 | 2265.2 | 2229.1 | 2174.5 | 2118.6 | 2044.3 | 1972.7 | 1908.5 |
| 22.5° | 2346.9 | 2348.7 | 2342.8 | 2327.8 | 2299.5 | 2264.2 | 2217.7 | 2161.0 | 2084.4 | 2003.8 | 1924.2 |
| 25° | 2309.7 | 2320.4 | 2321.6 | 2317.6 | 2309.2 | 2287.7 | 2247.7 | 2189.6 | 2120.9 | 2033.5 | 1947.8 |
| 27.5° | 2120.6 | 2134.1 | 2145.9 | 2165.4 | 2191.4 | 2204.9 | 2206.7 | 2177.2 | 2117.2 | 2033.1 | 1946.9 |
| 30° | 1932.1 | 1943.3 | 1980.0 | 2027.9 | 2065.1 | 2098.9 | 2128.3 | 2136.1 | 2102.3 | 2026.8 | 1936.0 |
| 32.5° | 1722.9 | 1738.2 | 1774.8 | 1826.4 | 1888.3 | 1945.6 | 2011.4 | 2045.0 | 2044.1 | 1998.8 | 1914.8 |
| 35° | 1422.6 | 1433.9 | 1467.7 | 1521.8 | 1596.2 | 1681.3 | 1785.6 | 1866.7 | 1921.9 | 1918.0 | 1866.7 |
| 37.5° | 1147.3 | 1160.0 | 1194.2 | 1239.1 | 1311.2 | 1416.6 | 1517.5 | 1629.3 | 1731.5 | 1788.8 | 1771.6 |
| 40° | 997.6 | 998.2 | 1031.4 | 1077.7 | 1145.3 | 1237.1 | 1347.0 | 1471.0 | 1584.9 | 1677.9 | 1695.9 |
| 42.5° | 879.5 | 879.5 | 901.6 | 951.4 | 1000.1 | 1086.5 | 1191.5 | 1314.6 | 1447.8 | 1555.3 | 1603.0 |
| 45° | 727.1 | 732.1 | 750.2 | 780.1 | 818.4 | 891.6 | 975.6 | 1090.1 | 1239.4 | 1366.8 | 1446.3 |
| 47.5° | 615.7 | 623.1 | 634.6 | 659.0 | 689.5 | 738.3 | 807.8 | 910.6 | 1032.1 | 1172.2 | 1285.3 |
| 50° | 558.0 | 559.1 | 573.7 | 587.3 | 613.8 | 652.6 | 713.5 | 799.2 | 910.8 | 1045.5 | 1171.2 |
| 52.5° | 508.4 | 508.2 | 517.0 | 534.1 | 555.6 | 586.0 | 635.1 | 713.1 | 812.0 | 932.8 | 1062.5 |
| 55° | 434.0 | 436.8 | 443.6 | 457.1 | 473.4 | 494.9 | 533.8 | 592.4 | 670.2 | 773.3 | 891.1 |
| 57.5° | 377.4 | 378.9 | 384.2 | 389.9 | 404.9 | 420.4 | 449.6 | 490.3 | 556.0 | 640.4 | 750.2 |
| 60° | 340.4 | 341.0 | 342.7 | 351.1 | 363.0 | 377.6 | 397.4 | 431.7 | 487.0 | 564.2 | 651.0 |
| 62.5° | 304.4 | 305.3 | 307.9 | 314.1 | 323.3 | 333.5 | 354.1 | 381.7 | 427.5 | 493.4 | 571.6 |
| 65° | 253.6 | 254.2 | 258.1 | 260.4 | 267.7 | 276.7 | 292.0 | 310.5 | 342.1 | 397.4 | 456.6 |
| 67.5° | 211.9 | 211.9 | 212.1 | 215.2 | 220.3 | 226.2 | 235.4 | 250.2 | 274.0 | 307.9 | 360.1 |
| 70° | 184.8 | 184.8 | 186.0 | 187.7 | 190.5 | 195.6 | 200.6 | 211.9 | 229.4 | 257.0 | 297.0 |
| 72.5° | 159.6 | 160.0 | 161.2 | 161.5 | 163.0 | 167.1 | 170.9 | 178.1 | 191.1 | 211.9 | 244.3 |
| 75° | 117.2 | 119.0 | 121.7 | 124.0 | 126.8 | 126.3 | 130.2 | 134.7 | 138.7 | 151.1 | 169.7 |
| 77.5° | 87.2 | 86.3 | 86.7 | 88.6 | 88.9 | 89.5 | 92.3 | 95.8 | 98.7 | 104.6 | 111.3 |
| 80° | 66.5 | 66.5 | 68.2 | 68.7 | 68.2 | 68.7 | 71.6 | 73.3 | 74.4 | 76.6 | 82.8 |
| 82.5° | 50.3 | 51.2 | 50.6 | 51.2 | 51.5 | 52.1 | 54.5 | 54.8 | 55.9 | 56.8 | 59.4 |
| 85° | 28.2 | 28.8 | 29.3 | 28.2 | 28.2 | 28.2 | 29.3 | 29.8 | 31.0 | 30.4 | 31.6 |
| 87.5° | 13.8 | 13.2 | 13.6 | 13.5 | 13.9 | 13.4 | 13.7 | 14.4 | 13.4 | 13.6 | 13.4 |
| 90° | 19.2 | 18.8 | 18.6 | 18.3 | 18.0 | 17.4 | 16.6 | 15.7 | 14.8 | 14.0 | 12.9 |
| 92.5° | 28.3 | 28.1 | 28.0 | 27.8 | 27.6 | 27.3 | 26.7 | 26.3 | 25.8 | 25.3 | 24.5 |
| 95° | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.1 | 49.7 | 49.3 | 48.8 | 48.4 | 47.5 |
| 97.5° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.7 | 78.1 | 77.6 | 77.1 | 76.6 | 75.4 |
| 100° | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.7 | 98.4 | 98.1 | 97.8 | 97.5 | 96.2 |
| 102.5° | 121.2 | 121.2 | 121.0 | 120.9 | 120.7 | 120.5 | 120.1 | 119.8 | 119.4 | 119.0 | 117.8 |
| 105° | 155.6 | 155.1 | 154.7 | 154.3 | 153.8 | 153.4 | 153.0 | 152.5 | 152.1 | 151.7 | 151.2 |
| 107.5° | 188.9 | 189.0 | 189.0 | 189.0 | 189.1 | 188.8 | 188.4 | 188.1 | 187.7 | 187.3 | 187.2 |
| 110° | 212.9 | 212.5 | 212.1 | 211.7 | 211.2 | 211.1 | 211.4 | 211.7 | 212.0 | 212.2 | 212.4 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.3 | 237.3 | 237.2 | 237.1 | 237.0 | 237.0 | 237.1 | 237.1 | 237.2 | 237.3 | 237.5 |
| 115° | 275.3 | 275.5 | 275.7 | 275.8 | 275.9 | 276.1 | 276.2 | 276.3 | 276.5 | 276.6 | 276.9 |
| 117.5° | 311.5 | 311.9 | 312.1 | 312.4 | 312.7 | 313.1 | 313.6 | 314.1 | 314.5 | 315.0 | 315.2 |
| 120° | 339.1 | 338.8 | 338.5 | 338.3 | 337.9 | 338.2 | 338.8 | 339.6 | 340.3 | 341.0 | 341.4 |
| 122.5° | 362.1 | 362.6 | 363.1 | 363.5 | 364.1 | 364.6 | 365.1 | 365.5 | 366.0 | 366.5 | 366.7 |
| 125° | 401.5 | 401.9 | 402.1 | 402.4 | 402.7 | 403.0 | 403.2 | 403.6 | 403.8 | 404.1 | 404.2 |
| 127.5° | 438.1 | 438.4 | 438.6 | 438.8 | 439.0 | 439.3 | 439.6 | 439.9 | 440.2 | 440.4 | 440.7 |
| 130° | 462.1 | 462.7 | 463.3 | 463.8 | 464.4 | 464.8 | 465.0 | 465.4 | 465.6 | 465.9 | 465.9 |
| 132.5° | 487.6 | 487.8 | 488.0 | 488.3 | 488.5 | 488.8 | 489.0 | 489.3 | 489.6 | 489.9 | 490.0 |
| 135° | 522.7 | 523.1 | 523.5 | 523.9 | 524.3 | 524.7 | 525.0 | 525.3 | 525.5 | 525.9 | 525.9 |
| 137.5° | 559.5 | 559.4 | 559.3 | 559.2 | 559.1 | 559.3 | 559.7 | 560.0 | 560.4 | 560.8 | 560.5 |
| 140° | 582.0 | 582.0 | 582.2 | 582.4 | 582.5 | 582.6 | 582.8 | 582.9 | 583.1 | 583.2 | 583.2 |
| 142.5° | 604.4 | 604.4 | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 | 604.6 | 604.6 | 604.7 |
| 145° | 634.9 | 635.3 | 635.7 | 636.1 | 636.5 | 636.8 | 637.0 | 637.1 | 637.2 | 637.4 | 637.2 |
| 147.5° | 665.7 | 665.9 | 665.9 | 666.1 | 666.3 | 666.3 | 666.5 | 666.6 | 666.8 | 666.8 | 666.9 |
| 150° | 684.5 | 684.7 | 684.9 | 685.0 | 685.1 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 |
| 152.5° | 701.9 | 702.3 | 702.6 | 703.0 | 703.4 | 703.4 | 703.0 | 702.7 | 702.4 | 702.1 | 701.9 |
| 155° | 726.0 | 726.5 | 727.1 | 727.7 | 728.2 | 728.2 | 727.7 | 727.1 | 726.5 | 726.0 | 726.1 |
| 157.5° | 747.5 | 748.0 | 748.5 | 749.0 | 749.4 | 749.5 | 749.1 | 748.6 | 748.2 | 747.8 | 747.8 |
| 160° | 759.8 | 760.5 | 761.2 | 761.9 | 762.6 | 762.7 | 762.3 | 761.9 | 761.5 | 761.1 | 761.2 |
| 162.5° | 772.5 | 773.2 | 774.0 | 774.6 | 775.3 | 775.3 | 774.5 | 773.8 | 773.1 | 772.3 | 772.4 |
| 165° | 789.1 | 789.6 | 790.2 | 790.8 | 791.3 | 791.2 | 790.4 | 789.5 | 788.6 | 787.8 | 788.1 |
| 167.5° | 801.0 | 801.8 | 802.7 | 803.6 | 804.5 | 804.5 | 803.6 | 802.7 | 801.9 | 801.0 | 801.0 |
| 170° | 807.6 | 808.5 | 809.6 | 810.6 | 811.5 | 811.6 | 810.7 | 809.9 | 809.0 | 808.2 | 808.0 |
| 172.5° | 813.2 | 814.2 | 815.1 | 816.2 | 817.2 | 817.2 | 816.2 | 815.2 | 814.2 | 813.3 | 813.3 |
| 175° | 819.0 | 820.0 | 821.0 | 822.0 | 823.0 | 823.0 | 822.0 | 821.0 | 820.0 | 819.0 | 819.2 |
| 177.5° | 822.1 | 823.0 | 823.9 | 824.8 | 825.7 | 825.8 | 825.0 | 824.2 | 823.4 | 822.6 | 822.6 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 |
| 2.5° | 1441.3 | 1435.0 | 1431.8 | 1424.6 | 1416.0 | 1411.5 | 1407.5 | 1401.6 | 1393.9 | 1385.8 | 1380.0 |
| 5° | 1514.4 | 1500.9 | 1484.0 | 1463.7 | 1445.7 | 1428.2 | 1413.0 | 1397.7 | 1380.3 | 1362.3 | 1344.3 |
| 7.5° | 1589.5 | 1562.9 | 1534.1 | 1500.9 | 1468.6 | 1439.2 | 1412.1 | 1386.2 | 1356.8 | 1330.6 | 1306.7 |
| 10° | 1641.8 | 1605.7 | 1565.7 | 1523.5 | 1481.2 | 1444.5 | 1408.5 | 1375.8 | 1339.7 | 1307.6 | 1280.5 |
| 12.5° | 1684.2 | 1641.8 | 1593.7 | 1541.1 | 1490.2 | 1445.9 | 1404.4 | 1361.8 | 1320.8 | 1286.0 | 1249.9 |
| 15° | 1754.5 | 1696.5 | 1631.7 | 1568.6 | 1502.6 | 1442.3 | 1386.5 | 1336.9 | 1290.1 | 1241.1 | 1206.7 |
| 17.5° | 1802.9 | 1734.1 | 1655.2 | 1579.4 | 1501.5 | 1430.4 | 1366.0 | 1306.9 | 1253.0 | 1202.9 | 1162.0 |
| 20° | 1831.7 | 1755.7 | 1668.3 | 1582.1 | 1494.7 | 1418.6 | 1349.3 | 1283.9 | 1228.2 | 1174.0 | 1131.7 |
| 22.5° | 1848.0 | 1763.8 | 1668.3 | 1578.0 | 1487.5 | 1405.1 | 1329.0 | 1260.9 | 1200.2 | 1146.1 | 1099.3 |
| 25° | 1853.2 | 1763.0 | 1665.5 | 1561.8 | 1462.6 | 1375.2 | 1296.3 | 1222.5 | 1154.9 | 1100.7 | 1051.2 |
| 27.5° | 1846.0 | 1739.8 | 1639.9 | 1533.5 | 1431.2 | 1339.0 | 1256.2 | 1178.7 | 1110.9 | 1052.9 | 1002.0 |
| 30° | 1835.2 | 1721.3 | 1614.2 | 1503.7 | 1400.0 | 1311.6 | 1224.2 | 1149.8 | 1079.3 | 1019.0 | 967.8 |
| 32.5° | 1811.7 | 1698.8 | 1583.6 | 1470.4 | 1365.3 | 1274.1 | 1191.2 | 1116.4 | 1047.3 | 985.7 | 931.2 |
| 35° | 1765.3 | 1650.8 | 1525.8 | 1409.7 | 1306.4 | 1211.8 | 1134.0 | 1061.8 | 995.9 | 930.0 | 872.5 |
| 37.5° | 1704.1 | 1587.1 | 1462.7 | 1335.5 | 1232.3 | 1142.9 | 1071.5 | 1003.8 | 939.5 | 879.2 | 815.5 |
| 40° | 1646.3 | 1539.8 | 1411.3 | 1285.1 | 1179.1 | 1092.8 | 1027.0 | 965.5 | 900.7 | 840.9 | 777.2 |
| 42.5° | 1576.5 | 1485.7 | 1355.8 | 1229.1 | 1124.5 | 1041.5 | 980.0 | 919.9 | 861.0 | 803.1 | 736.6 |
| 45° | 1459.8 | 1391.0 | 1269.3 | 1147.5 | 1042.1 | 959.9 | 903.5 | 850.5 | 798.7 | 743.4 | 680.9 |
| 47.5° | 1326.1 | 1279.5 | 1174.4 | 1049.8 | 952.3 | 878.2 | 823.8 | 780.5 | 736.6 | 681.4 | 626.6 |
| 50° | 1233.2 | 1203.3 | 1101.9 | 988.1 | 895.0 | 826.8 | 771.0 | 730.4 | 693.8 | 640.8 | 591.8 |
| 52.5° | 1134.0 | 1118.1 | 1032.4 | 923.6 | 833.7 | 766.9 | 719.2 | 682.7 | 645.6 | 601.6 | 555.7 |
| 55° | 982.9 | 991.4 | 918.7 | 824.6 | 740.0 | 683.7 | 640.3 | 609.8 | 578.3 | 541.1 | 505.6 |
| 57.5° | 828.5 | 859.4 | 810.6 | 728.0 | 648.7 | 596.6 | 563.9 | 538.3 | 511.8 | 481.0 | 450.7 |
| 60° | 736.1 | 762.0 | 734.4 | 661.7 | 592.4 | 543.9 | 513.5 | 493.7 | 467.2 | 439.0 | 416.0 |
| 62.5° | 645.9 | 673.6 | 657.3 | 598.6 | 534.2 | 492.5 | 465.7 | 447.3 | 427.5 | 403.0 | 379.0 |
| 65° | 532.6 | 550.7 | 542.7 | 502.2 | 456.6 | 421.0 | 396.2 | 382.7 | 364.7 | 346.7 | 325.2 |
| 67.5° | 408.0 | 442.8 | 438.1 | 416.6 | 377.2 | 349.4 | 333.2 | 321.2 | 304.8 | 291.4 | 276.9 |
| 70° | 335.3 | 367.5 | 366.9 | 349.4 | 328.0 | 302.1 | 290.8 | 280.7 | 266.0 | 253.1 | 241.2 |
| 72.5° | 274.5 | 303.9 | 308.3 | 294.9 | 280.2 | 260.7 | 249.8 | 242.8 | 228.6 | 219.7 | 210.1 |
| 75° | 192.2 | 213.6 | 219.2 | 219.2 | 212.5 | 202.4 | 192.7 | 188.3 | 178.1 | 170.2 | 164.6 |
| 77.5° | 126.0 | 139.6 | 148.4 | 150.3 | 151.4 | 148.0 | 140.1 | 137.0 | 129.1 | 126.4 | 121.0 |
| 80° | 89.0 | 98.1 | 108.2 | 111.6 | 114.4 | 113.3 | 109.9 | 107.6 | 100.4 | 97.5 | 95.2 |
| 82.5° | 61.6 | 66.5 | 74.8 | 82.3 | 81.5 | 84.5 | 81.5 | 79.7 | 74.2 | 73.1 | 70.9 |
| 85° | 32.1 | 32.7 | 33.8 | 38.9 | 41.7 | 42.8 | 43.4 | 42.2 | 40.6 | 40.6 | 36.6 |
| 87.5° | 13.2 | 12.5 | 13.2 | 12.9 | 13.0 | 14.5 | 15.6 | 15.7 | 14.7 | 13.6 | 12.6 |
| 90° | 11.7 | 10.6 | 9.5 | 8.2 | 6.6 | 5.1 | 3.5 | 1.9 | 3.5 | 5.1 | 6.6 |
| 92.5° | 23.6 | 22.8 | 22.1 | 20.8 | 19.0 | 17.2 | 15.4 | 13.6 | 15.4 | 17.2 | 19.0 |
| 95° | 46.5 | 45.5 | 44.5 | 43.4 | 42.1 | 40.8 | 39.5 | 38.2 | 39.5 | 40.8 | 42.1 |
| 97.5° | 74.3 | 73.1 | 72.0 | 70.8 | 69.9 | 68.8 | 67.8 | 66.8 | 67.8 | 68.8 | 69.9 |
| 100° | 95.0 | 93.7 | 92.5 | 91.5 | 90.9 | 90.3 | 89.8 | 89.3 | 89.8 | 90.3 | 90.9 |
| 102.5° | 116.6 | 115.4 | 114.3 | 113.6 | 113.4 | 113.2 | 112.9 | 112.7 | 112.9 | 113.2 | 113.4 |
| 105° | 150.6 | 150.0 | 149.4 | 149.1 | 149.0 | 148.8 | 148.6 | 148.5 | 148.6 | 148.8 | 149.0 |
| 107.5° | 187.1 | 187.0 | 186.9 | 186.8 | 186.6 | 186.5 | 186.3 | 186.1 | 186.3 | 186.5 | 186.6 |
| 110° | 212.5 | 212.7 | 212.8 | 212.7 | 212.5 | 212.1 | 211.9 | 211.7 | 211.9 | 212.1 | 212.5 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.7 | 238.0 | 238.2 | 238.4 | 238.3 | 238.2 | 238.1 | 238.1 | 238.1 | 238.2 | 238.3 |
| 115° | 277.2 | 277.4 | 277.8 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 |
| 117.5° | 315.4 | 315.6 | 315.8 | 315.8 | 315.7 | 315.6 | 315.5 | 315.4 | 315.5 | 315.6 | 315.7 |
| 120° | 341.9 | 342.3 | 342.7 | 342.7 | 342.1 | 341.5 | 341.0 | 340.4 | 341.0 | 341.5 | 342.1 |
| 122.5° | 366.9 | 367.1 | 367.3 | 367.3 | 367.0 | 366.8 | 366.6 | 366.4 | 366.6 | 366.8 | 367.0 |
| 125° | 404.4 | 404.6 | 404.6 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 |
| 127.5° | 440.9 | 441.1 | 441.3 | 441.2 | 440.8 | 440.4 | 439.9 | 439.5 | 439.9 | 440.4 | 440.8 |
| 130° | 465.9 | 465.9 | 465.9 | 465.7 | 465.3 | 464.9 | 464.5 | 464.0 | 464.5 | 464.9 | 465.3 |
| 132.5° | 490.2 | 490.2 | 490.3 | 490.2 | 489.9 | 489.7 | 489.3 | 489.0 | 489.3 | 489.7 | 489.9 |
| 135° | 525.9 | 525.9 | 525.9 | 525.5 | 524.6 | 523.7 | 522.9 | 522.0 | 522.9 | 523.7 | 524.6 |
| 137.5° | 560.4 | 560.1 | 559.9 | 559.5 | 559.1 | 558.7 | 558.4 | 558.0 | 558.4 | 558.7 | 559.1 |
| 140° | 583.2 | 583.2 | 583.2 | 583.1 | 582.8 | 582.5 | 582.2 | 582.0 | 582.2 | 582.5 | 582.8 |
| 142.5° | 604.9 | 605.0 | 605.1 | 605.0 | 604.7 | 604.5 | 604.1 | 603.9 | 604.1 | 604.5 | 604.7 |
| 145° | 637.1 | 637.0 | 636.8 | 636.5 | 635.9 | 635.4 | 634.8 | 634.2 | 634.8 | 635.4 | 635.9 |
| 147.5° | 667.1 | 667.2 | 667.3 | 667.0 | 666.3 | 665.6 | 665.0 | 664.3 | 665.0 | 665.6 | 666.3 |
| 150° | 685.2 | 685.2 | 685.2 | 684.9 | 684.4 | 683.8 | 683.2 | 682.7 | 683.2 | 683.8 | 684.4 |
| 152.5° | 701.8 | 701.6 | 701.6 | 701.3 | 701.0 | 700.7 | 700.3 | 700.0 | 700.3 | 700.7 | 701.0 |
| 155° | 726.3 | 726.4 | 726.5 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 |
| 157.5° | 747.9 | 747.9 | 747.9 | 748.0 | 748.3 | 748.5 | 748.8 | 749.1 | 748.8 | 748.5 | 748.3 |
| 160° | 761.3 | 761.5 | 761.6 | 761.7 | 761.9 | 762.1 | 762.1 | 762.3 | 762.1 | 762.1 | 761.9 |
| 162.5° | 772.6 | 772.7 | 772.8 | 773.1 | 773.5 | 773.8 | 774.2 | 774.5 | 774.2 | 773.8 | 773.5 |
| 165° | 788.4 | 788.6 | 789.0 | 789.3 | 789.7 | 790.2 | 790.6 | 791.0 | 790.6 | 790.2 | 789.7 |
| 167.5° | 801.0 | 801.0 | 801.0 | 801.3 | 801.8 | 802.4 | 803.0 | 803.6 | 803.0 | 802.4 | 801.8 |
| 170° | 808.0 | 807.8 | 807.6 | 808.0 | 808.6 | 809.3 | 810.1 | 810.7 | 810.1 | 809.3 | 808.6 |
| 172.5° | 813.3 | 813.3 | 813.2 | 813.5 | 814.1 | 814.6 | 815.3 | 815.9 | 815.3 | 814.6 | 814.1 |
| 175° | 819.3 | 819.5 | 819.6 | 820.0 | 820.8 | 821.4 | 822.1 | 822.9 | 822.1 | 821.4 | 820.8 |
| 177.5° | 822.6 | 822.6 | 822.6 | 822.9 | 823.5 | 824.0 | 824.6 | 825.2 | 824.6 | 824.0 | 823.5 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 |
| 2.5° | 1373.6 | 1369.1 | 1363.3 | 1356.5 | 1348.4 | 1341.2 | 1338.1 | 1340.8 | 1342.1 | 1338.5 | 1338.1 |
| 5° | 1331.9 | 1317.8 | 1306.4 | 1289.6 | 1276.0 | 1264.8 | 1256.9 | 1253.5 | 1254.6 | 1245.6 | 1243.3 |
| 7.5° | 1284.8 | 1268.1 | 1249.7 | 1229.6 | 1210.9 | 1194.3 | 1185.6 | 1180.9 | 1171.3 | 1167.3 | 1160.4 |
| 10° | 1254.6 | 1232.1 | 1214.1 | 1190.3 | 1169.0 | 1149.2 | 1139.6 | 1131.7 | 1122.2 | 1117.7 | 1108.1 |
| 12.5° | 1223.5 | 1197.3 | 1177.5 | 1152.9 | 1131.1 | 1107.3 | 1098.1 | 1083.5 | 1068.5 | 1059.1 | 1046.8 |
| 15° | 1179.7 | 1148.1 | 1123.9 | 1094.5 | 1068.6 | 1041.5 | 1017.3 | 990.3 | 980.2 | 958.7 | 946.3 |
| 17.5° | 1128.4 | 1096.3 | 1066.3 | 1027.0 | 987.0 | 953.4 | 927.6 | 901.6 | 886.1 | 872.5 | 866.2 |
| 20° | 1094.5 | 1065.3 | 1023.5 | 977.9 | 933.4 | 896.2 | 875.3 | 858.4 | 841.5 | 831.9 | 825.2 |
| 22.5° | 1062.5 | 1025.1 | 976.6 | 927.4 | 882.9 | 853.8 | 836.1 | 818.7 | 804.9 | 795.8 | 786.8 |
| 25° | 1008.9 | 959.9 | 908.6 | 852.2 | 821.7 | 796.4 | 777.2 | 763.1 | 754.7 | 742.8 | 738.3 |
| 27.5° | 953.7 | 894.4 | 837.8 | 799.9 | 768.2 | 745.0 | 728.3 | 717.7 | 707.0 | 699.4 | 693.6 |
| 30° | 911.3 | 851.1 | 800.4 | 764.3 | 732.1 | 713.0 | 699.4 | 687.1 | 678.6 | 672.4 | 667.9 |
| 32.5° | 869.4 | 809.1 | 766.5 | 727.7 | 702.4 | 683.7 | 669.3 | 660.0 | 653.4 | 645.3 | 642.6 |
| 35° | 808.8 | 755.2 | 718.0 | 683.1 | 657.2 | 640.3 | 629.0 | 619.4 | 613.8 | 611.6 | 609.8 |
| 37.5° | 750.5 | 706.7 | 666.7 | 638.1 | 614.9 | 601.6 | 588.3 | 583.6 | 579.8 | 575.7 | 577.5 |
| 40° | 713.5 | 672.4 | 636.9 | 606.4 | 587.8 | 573.2 | 565.3 | 559.7 | 556.3 | 556.3 | 556.3 |
| 42.5° | 681.5 | 641.3 | 606.7 | 579.4 | 560.8 | 548.4 | 539.6 | 534.8 | 533.8 | 533.3 | 536.0 |
| 45° | 631.9 | 594.6 | 559.7 | 537.1 | 521.4 | 508.9 | 503.9 | 499.9 | 499.9 | 502.2 | 502.7 |
| 47.5° | 582.5 | 547.7 | 519.7 | 494.4 | 480.0 | 472.2 | 467.8 | 465.8 | 466.0 | 468.2 | 470.8 |
| 50° | 552.4 | 518.0 | 490.3 | 467.8 | 454.3 | 446.9 | 443.0 | 441.9 | 443.0 | 443.0 | 446.9 |
| 52.5° | 519.4 | 488.7 | 461.5 | 442.5 | 427.2 | 420.4 | 418.2 | 416.6 | 417.3 | 419.1 | 420.8 |
| 55° | 471.2 | 443.6 | 417.7 | 399.6 | 388.3 | 383.8 | 378.8 | 379.3 | 378.2 | 379.3 | 379.3 |
| 57.5° | 422.8 | 398.0 | 373.9 | 359.6 | 349.7 | 343.2 | 337.6 | 339.2 | 337.5 | 337.3 | 336.4 |
| 60° | 391.8 | 364.7 | 345.5 | 332.6 | 321.2 | 315.6 | 310.5 | 311.7 | 310.0 | 308.8 | 306.6 |
| 62.5° | 357.9 | 335.3 | 317.1 | 304.6 | 295.5 | 289.0 | 284.0 | 282.8 | 278.9 | 275.1 | 270.1 |
| 65° | 308.8 | 290.2 | 273.9 | 262.1 | 253.6 | 248.6 | 244.6 | 241.2 | 232.8 | 223.7 | 219.2 |
| 67.5° | 261.2 | 247.8 | 232.5 | 222.5 | 215.6 | 209.0 | 201.5 | 195.7 | 187.8 | 182.9 | 180.0 |
| 70° | 230.5 | 217.5 | 204.6 | 195.0 | 187.7 | 181.5 | 173.0 | 169.1 | 163.5 | 161.2 | 158.4 |
| 72.5° | 201.2 | 189.1 | 177.1 | 168.4 | 160.6 | 155.8 | 149.1 | 145.2 | 142.7 | 141.8 | 139.0 |
| 75° | 156.7 | 147.1 | 138.1 | 130.2 | 124.0 | 120.6 | 117.8 | 115.0 | 113.8 | 108.8 | 106.0 |
| 77.5° | 114.3 | 108.0 | 102.3 | 96.7 | 92.3 | 90.1 | 84.6 | 81.4 | 79.5 | 77.1 | 76.6 |
| 80° | 89.0 | 84.5 | 78.9 | 75.5 | 69.3 | 67.1 | 64.8 | 64.2 | 63.7 | 63.1 | 62.5 |
| 82.5° | 66.9 | 62.5 | 56.8 | 54.8 | 53.1 | 51.8 | 50.4 | 49.8 | 49.2 | 49.6 | 49.5 |
| 85° | 33.8 | 31.6 | 31.6 | 31.0 | 30.4 | 29.8 | 29.3 | 29.3 | 28.8 | 29.3 | 28.8 |
| 87.5° | 12.9 | 12.7 | 13.0 | 12.3 | 13.0 | 13.2 | 12.9 | 13.0 | 13.7 | 13.0 | 13.0 |
| 90° | 8.2 | 9.5 | 10.6 | 11.7 | 12.9 | 14.0 | 14.8 | 15.7 | 16.6 | 17.4 | 18.0 |
| 92.5° | 20.8 | 22.1 | 22.8 | 23.6 | 24.5 | 25.3 | 25.8 | 26.3 | 26.7 | 27.3 | 27.6 |
| 95° | 43.4 | 44.5 | 45.5 | 46.5 | 47.5 | 48.4 | 48.8 | 49.3 | 49.7 | 50.1 | 50.4 |
| 97.5° | 70.8 | 72.0 | 73.1 | 74.3 | 75.4 | 76.6 | 77.1 | 77.6 | 78.1 | 78.7 | 78.9 |
| 100° | 91.5 | 92.5 | 93.7 | 95.0 | 96.2 | 97.5 | 97.8 | 98.1 | 98.4 | 98.7 | 98.8 |
| 102.5° | 113.6 | 114.3 | 115.4 | 116.6 | 117.8 | 119.0 | 119.4 | 119.8 | 120.1 | 120.5 | 120.7 |
| 105° | 149.1 | 149.4 | 150.0 | 150.6 | 151.2 | 151.7 | 152.1 | 152.5 | 153.0 | 153.4 | 153.8 |
| 107.5° | 186.8 | 186.9 | 187.0 | 187.1 | 187.2 | 187.3 | 187.7 | 188.1 | 188.4 | 188.8 | 189.1 |
| 110° | 212.7 | 212.8 | 212.7 | 212.5 | 212.4 | 212.2 | 212.0 | 211.7 | 211.4 | 211.1 | 211.2 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 238.4 | 238.2 | 238.0 | 237.7 | 237.5 | 237.3 | 237.2 | 237.1 | 237.1 | 237.0 | 237.0 |
| 115° | 277.9 | 277.8 | 277.4 | 277.2 | 276.9 | 276.6 | 276.5 | 276.3 | 276.2 | 276.1 | 275.9 |
| 117.5° | 315.8 | 315.8 | 315.6 | 315.4 | 315.2 | 315.0 | 314.5 | 314.1 | 313.6 | 313.1 | 312.7 |
| 120° | 342.7 | 342.7 | 342.3 | 341.9 | 341.4 | 341.0 | 340.3 | 339.6 | 338.8 | 338.2 | 337.9 |
| 122.5° | 367.3 | 367.3 | 367.1 | 366.9 | 366.7 | 366.5 | 366.0 | 365.5 | 365.1 | 364.6 | 364.1 |
| 125° | 404.7 | 404.6 | 404.6 | 404.4 | 404.2 | 404.1 | 403.8 | 403.6 | 403.2 | 403.0 | 402.7 |
| 127.5° | 441.2 | 441.3 | 441.1 | 440.9 | 440.7 | 440.4 | 440.2 | 439.9 | 439.6 | 439.3 | 439.0 |
| 130° | 465.7 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 465.6 | 465.4 | 465.0 | 464.8 | 464.4 |
| 132.5° | 490.2 | 490.3 | 490.2 | 490.2 | 490.0 | 489.9 | 489.6 | 489.3 | 489.0 | 488.8 | 488.5 |
| 135° | 525.5 | 525.9 | 525.9 | 525.9 | 525.9 | 525.9 | 525.5 | 525.3 | 525.0 | 524.7 | 524.3 |
| 137.5° | 559.5 | 559.9 | 560.1 | 560.4 | 560.5 | 560.8 | 560.4 | 560.0 | 559.7 | 559.3 | 559.1 |
| 140° | 583.1 | 583.2 | 583.2 | 583.2 | 583.2 | 583.2 | 583.1 | 582.9 | 582.8 | 582.6 | 582.5 |
| 142.5° | 605.0 | 605.1 | 605.0 | 604.9 | 604.7 | 604.6 | 604.6 | 604.5 | 604.5 | 604.5 | 604.5 |
| 145° | 636.5 | 636.8 | 637.0 | 637.1 | 637.2 | 637.4 | 637.2 | 637.1 | 637.0 | 636.8 | 636.5 |
| 147.5° | 667.0 | 667.3 | 667.2 | 667.1 | 666.9 | 666.8 | 666.8 | 666.6 | 666.5 | 666.3 | 666.3 |
| 150° | 684.9 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.1 |
| 152.5° | 701.3 | 701.6 | 701.6 | 701.8 | 701.9 | 702.1 | 702.4 | 702.7 | 703.0 | 703.4 | 703.4 |
| 155° | 726.6 | 726.5 | 726.4 | 726.3 | 726.1 | 726.0 | 726.5 | 727.1 | 727.7 | 728.2 | 728.2 |
| 157.5° | 748.0 | 747.9 | 747.9 | 747.9 | 747.8 | 747.8 | 748.2 | 748.6 | 749.1 | 749.5 | 749.4 |
| 160° | 761.7 | 761.6 | 761.5 | 761.3 | 761.2 | 761.1 | 761.5 | 761.9 | 762.3 | 762.7 | 762.6 |
| 162.5° | 773.1 | 772.8 | 772.7 | 772.6 | 772.4 | 772.3 | 773.1 | 773.8 | 774.5 | 775.3 | 775.3 |
| 165° | 789.3 | 789.0 | 788.6 | 788.4 | 788.1 | 787.8 | 788.6 | 789.5 | 790.4 | 791.2 | 791.3 |
| 167.5° | 801.3 | 801.0 | 801.0 | 801.0 | 801.0 | 801.0 | 801.9 | 802.7 | 803.6 | 804.5 | 804.5 |
| 170° | 808.0 | 807.6 | 807.8 | 808.0 | 808.0 | 808.2 | 809.0 | 809.9 | 810.7 | 811.6 | 811.5 |
| 172.5° | 813.5 | 813.2 | 813.3 | 813.3 | 813.3 | 813.3 | 814.2 | 815.2 | 816.2 | 817.2 | 817.2 |
| 175° | 820.0 | 819.6 | 819.5 | 819.3 | 819.2 | 819.0 | 820.0 | 821.0 | 822.0 | 823.0 | 823.0 |
| 177.5° | 822.9 | 822.6 | 822.6 | 822.6 | 822.6 | 822.6 | 823.4 | 824.2 | 825.0 | 825.8 | 825.7 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 |
| 2.5° | 1335.3 | 1336.2 | 1333.1 | 1332.2 | 1333.1 | 1336.2 | 1335.3 | 1338.1 | 1338.5 | 1342.1 | 1340.8 |
| 5° | 1238.8 | 1237.7 | 1234.9 | 1235.4 | 1234.9 | 1237.7 | 1238.8 | 1243.3 | 1245.6 | 1254.6 | 1253.5 |
| 7.5° | 1156.3 | 1151.9 | 1153.2 | 1148.7 | 1153.2 | 1151.9 | 1156.3 | 1160.4 | 1167.3 | 1171.3 | 1180.9 |
| 10° | 1105.8 | 1099.6 | 1094.5 | 1090.1 | 1094.5 | 1099.6 | 1105.8 | 1108.1 | 1117.7 | 1122.2 | 1131.7 |
| 12.5° | 1036.8 | 1031.5 | 1024.7 | 1026.1 | 1024.7 | 1031.5 | 1036.8 | 1046.8 | 1059.1 | 1068.5 | 1083.5 |
| 15° | 939.0 | 930.5 | 917.0 | 918.7 | 917.0 | 930.5 | 939.0 | 946.3 | 958.7 | 980.2 | 990.3 |
| 17.5° | 856.1 | 856.2 | 850.0 | 851.5 | 850.0 | 856.2 | 856.1 | 866.2 | 872.5 | 886.1 | 901.6 |
| 20° | 813.3 | 809.3 | 809.9 | 808.2 | 809.9 | 809.3 | 813.3 | 825.2 | 831.9 | 841.5 | 858.4 |
| 22.5° | 783.6 | 778.7 | 774.8 | 771.3 | 774.8 | 778.7 | 783.6 | 786.8 | 795.8 | 804.9 | 818.7 |
| 25° | 733.3 | 729.9 | 724.8 | 723.7 | 724.8 | 729.9 | 733.3 | 738.3 | 742.8 | 754.7 | 763.1 |
| 27.5° | 689.1 | 688.4 | 686.4 | 683.8 | 686.4 | 688.4 | 689.1 | 693.6 | 699.4 | 707.0 | 717.7 |
| 30° | 663.4 | 662.3 | 661.1 | 659.4 | 661.1 | 662.3 | 663.4 | 667.9 | 672.4 | 678.6 | 687.1 |
| 32.5° | 640.4 | 639.7 | 638.5 | 638.7 | 638.5 | 639.7 | 640.4 | 642.6 | 645.3 | 653.4 | 660.0 |
| 35° | 607.6 | 607.0 | 605.9 | 605.4 | 605.9 | 607.0 | 607.6 | 609.8 | 611.6 | 613.8 | 619.4 |
| 37.5° | 576.9 | 578.4 | 577.7 | 577.6 | 577.7 | 578.4 | 576.9 | 577.5 | 575.7 | 579.8 | 583.6 |
| 40° | 555.7 | 556.3 | 557.4 | 556.8 | 557.4 | 556.3 | 555.7 | 556.3 | 556.3 | 556.3 | 559.7 |
| 42.5° | 538.2 | 538.3 | 539.8 | 537.9 | 539.8 | 538.3 | 538.2 | 536.0 | 533.3 | 533.8 | 534.8 |
| 45° | 506.7 | 510.1 | 509.5 | 509.5 | 509.5 | 510.1 | 506.7 | 502.7 | 502.2 | 499.9 | 499.9 |
| 47.5° | 472.3 | 475.2 | 476.1 | 475.9 | 476.1 | 475.2 | 472.3 | 470.8 | 468.2 | 466.0 | 465.8 |
| 50° | 449.8 | 448.7 | 450.4 | 449.8 | 450.4 | 448.7 | 449.8 | 446.9 | 443.0 | 443.0 | 441.9 |
| 52.5° | 422.2 | 422.5 | 422.4 | 421.8 | 422.4 | 422.5 | 422.2 | 420.8 | 419.1 | 417.3 | 416.6 |
| 55° | 379.8 | 380.4 | 379.3 | 379.8 | 379.3 | 380.4 | 379.8 | 379.3 | 379.3 | 378.2 | 379.3 |
| 57.5° | 333.9 | 331.2 | 332.3 | 330.9 | 332.3 | 331.2 | 333.9 | 336.4 | 337.3 | 337.5 | 339.2 |
| 60° | 301.0 | 296.4 | 295.3 | 293.1 | 295.3 | 296.4 | 301.0 | 306.6 | 308.8 | 310.0 | 311.7 |
| 62.5° | 264.0 | 260.8 | 257.0 | 258.8 | 257.0 | 260.8 | 264.0 | 270.1 | 275.1 | 278.9 | 282.8 |
| 65° | 214.7 | 212.5 | 210.8 | 213.0 | 210.8 | 212.5 | 214.7 | 219.2 | 223.7 | 232.8 | 241.2 |
| 67.5° | 177.7 | 176.5 | 176.5 | 175.4 | 176.5 | 176.5 | 177.7 | 180.0 | 182.9 | 187.8 | 195.7 |
| 70° | 158.4 | 156.7 | 156.7 | 155.6 | 156.7 | 156.7 | 158.4 | 158.4 | 161.2 | 163.5 | 169.1 |
| 72.5° | 138.5 | 136.8 | 137.3 | 136.6 | 137.3 | 136.8 | 138.5 | 139.0 | 141.8 | 142.7 | 145.2 |
| 75° | 102.6 | 99.8 | 99.8 | 100.4 | 99.8 | 99.8 | 102.6 | 106.0 | 108.8 | 113.8 | 115.0 |
| 77.5° | 76.6 | 76.0 | 76.8 | 75.7 | 76.8 | 76.0 | 76.6 | 76.6 | 77.1 | 79.5 | 81.4 |
| 80° | 62.5 | 62.0 | 61.5 | 63.1 | 61.5 | 62.0 | 62.5 | 62.5 | 63.1 | 63.7 | 64.2 |
| 82.5° | 48.6 | 48.5 | 48.3 | 50.5 | 48.3 | 48.5 | 48.6 | 49.5 | 49.6 | 49.2 | 49.8 |
| 85° | 29.3 | 28.2 | 29.3 | 28.2 | 29.3 | 28.2 | 29.3 | 28.8 | 29.3 | 28.8 | 29.3 |
| 87.5° | 14.0 | 13.6 | 13.2 | 13.8 | 13.2 | 13.6 | 14.0 | 13.0 | 13.0 | 13.7 | 13.0 |
| 90° | 18.3 | 18.6 | 18.8 | 19.2 | 18.8 | 18.6 | 18.3 | 18.0 | 17.4 | 16.6 | 15.7 |
| 92.5° | 27.8 | 28.0 | 28.1 | 28.3 | 28.1 | 28.0 | 27.8 | 27.6 | 27.3 | 26.7 | 26.3 |
| 95° | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.1 | 49.7 | 49.3 |
| 97.5° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.7 | 78.1 | 77.6 |
| 100° | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.7 | 98.4 | 98.1 |
| 102.5° | 120.9 | 121.0 | 121.2 | 121.2 | 121.2 | 121.0 | 120.9 | 120.7 | 120.5 | 120.1 | 119.8 |
| 105° | 154.3 | 154.7 | 155.1 | 155.6 | 155.1 | 154.7 | 154.3 | 153.8 | 153.4 | 153.0 | 152.5 |
| 107.5° | 189.0 | 189.0 | 189.0 | 188.9 | 189.0 | 189.0 | 189.0 | 189.1 | 188.8 | 188.4 | 188.1 |
| 110° | 211.7 | 212.1 | 212.5 | 212.9 | 212.5 | 212.1 | 211.7 | 211.2 | 211.1 | 211.4 | 211.7 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.1 | 237.2 | 237.3 | 237.3 | 237.3 | 237.2 | 237.1 | 237.0 | 237.0 | 237.1 | 237.1 |
| 115° | 275.8 | 275.7 | 275.5 | 275.3 | 275.5 | 275.7 | 275.8 | 275.9 | 276.1 | 276.2 | 276.3 |
| 117.5° | 312.4 | 312.1 | 311.9 | 311.5 | 311.9 | 312.1 | 312.4 | 312.7 | 313.1 | 313.6 | 314.1 |
| 120° | 338.3 | 338.5 | 338.8 | 339.1 | 338.8 | 338.5 | 338.3 | 337.9 | 338.2 | 338.8 | 339.6 |
| 122.5° | 363.5 | 363.1 | 362.6 | 362.1 | 362.6 | 363.1 | 363.5 | 364.1 | 364.6 | 365.1 | 365.5 |
| 125° | 402.4 | 402.1 | 401.9 | 401.5 | 401.9 | 402.1 | 402.4 | 402.7 | 403.0 | 403.2 | 403.6 |
| 127.5° | 438.8 | 438.6 | 438.4 | 438.1 | 438.4 | 438.6 | 438.8 | 439.0 | 439.3 | 439.6 | 439.9 |
| 130° | 463.8 | 463.3 | 462.7 | 462.1 | 462.7 | 463.3 | 463.8 | 464.4 | 464.8 | 465.0 | 465.4 |
| 132.5° | 488.3 | 488.0 | 487.8 | 487.6 | 487.8 | 488.0 | 488.3 | 488.5 | 488.8 | 489.0 | 489.3 |
| 135° | 523.9 | 523.5 | 523.1 | 522.7 | 523.1 | 523.5 | 523.9 | 524.3 | 524.7 | 525.0 | 525.3 |
| 137.5° | 559.2 | 559.3 | 559.4 | 559.5 | 559.4 | 559.3 | 559.2 | 559.1 | 559.3 | 559.7 | 560.0 |
| 140° | 582.4 | 582.2 | 582.0 | 582.0 | 582.0 | 582.2 | 582.4 | 582.5 | 582.6 | 582.8 | 582.9 |
| 142.5° | 604.5 | 604.5 | 604.4 | 604.4 | 604.4 | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 |
| 145° | 636.1 | 635.7 | 635.3 | 634.9 | 635.3 | 635.7 | 636.1 | 636.5 | 636.8 | 637.0 | 637.1 |
| 147.5° | 666.1 | 665.9 | 665.9 | 665.7 | 665.9 | 665.9 | 666.1 | 666.3 | 666.3 | 666.5 | 666.6 |
| 150° | 685.0 | 684.9 | 684.7 | 684.5 | 684.7 | 684.9 | 685.0 | 685.1 | 685.2 | 685.2 | 685.2 |
| 152.5° | 703.0 | 702.6 | 702.3 | 701.9 | 702.3 | 702.6 | 703.0 | 703.4 | 703.4 | 703.0 | 702.7 |
| 155° | 727.7 | 727.1 | 726.5 | 726.0 | 726.5 | 727.1 | 727.7 | 728.2 | 728.2 | 727.7 | 727.1 |
| 157.5° | 749.0 | 748.5 | 748.0 | 747.5 | 748.0 | 748.5 | 749.0 | 749.4 | 749.5 | 749.1 | 748.6 |
| 160° | 761.9 | 761.2 | 760.5 | 759.8 | 760.5 | 761.2 | 761.9 | 762.6 | 762.7 | 762.3 | 761.9 |
| 162.5° | 774.6 | 774.0 | 773.2 | 772.5 | 773.2 | 774.0 | 774.6 | 775.3 | 775.3 | 774.5 | 773.8 |
| 165° | 790.8 | 790.2 | 789.6 | 789.1 | 789.6 | 790.2 | 790.8 | 791.3 | 791.2 | 790.4 | 789.5 |
| 167.5° | 803.6 | 802.7 | 801.8 | 801.0 | 801.8 | 802.7 | 803.6 | 804.5 | 804.5 | 803.6 | 802.7 |
| 170° | 810.6 | 809.6 | 808.5 | 807.6 | 808.5 | 809.6 | 810.6 | 811.5 | 811.6 | 810.7 | 809.9 |
| 172.5° | 816.2 | 815.1 | 814.2 | 813.2 | 814.2 | 815.1 | 816.2 | 817.2 | 817.2 | 816.2 | 815.2 |
| 175° | 822.0 | 821.0 | 820.0 | 819.0 | 820.0 | 821.0 | 822.0 | 823.0 | 823.0 | 822.0 | 821.0 |
| 177.5° | 824.8 | 823.9 | 823.0 | 822.1 | 823.0 | 823.9 | 824.8 | 825.7 | 825.8 | 825.0 | 824.2 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 |
| 2.5° | 1338.1 | 1341.2 | 1348.4 | 1356.5 | 1363.3 | 1369.1 | 1373.6 | 1380.0 | 1385.8 | 1393.9 | 1401.6 |
| 5° | 1256.9 | 1264.8 | 1276.0 | 1289.6 | 1306.4 | 1317.8 | 1331.9 | 1344.3 | 1362.3 | 1380.3 | 1397.7 |
| 7.5° | 1185.6 | 1194.3 | 1210.9 | 1229.6 | 1249.7 | 1268.1 | 1284.8 | 1306.7 | 1330.6 | 1356.8 | 1386.2 |
| 10° | 1139.6 | 1149.2 | 1169.0 | 1190.3 | 1214.1 | 1232.1 | 1254.6 | 1280.5 | 1307.6 | 1339.7 | 1375.8 |
| 12.5° | 1098.1 | 1107.3 | 1131.1 | 1152.9 | 1177.5 | 1197.3 | 1223.5 | 1249.9 | 1286.0 | 1320.8 | 1361.8 |
| 15° | 1017.3 | 1041.5 | 1068.6 | 1094.5 | 1123.9 | 1148.1 | 1179.7 | 1206.7 | 1241.1 | 1290.1 | 1336.9 |
| 17.5° | 927.6 | 953.4 | 987.0 | 1027.0 | 1066.3 | 1096.3 | 1128.4 | 1162.0 | 1202.9 | 1253.0 | 1306.9 |
| 20° | 875.3 | 896.2 | 933.4 | 977.9 | 1023.5 | 1065.3 | 1094.5 | 1131.7 | 1174.0 | 1228.2 | 1283.9 |
| 22.5° | 836.1 | 853.8 | 882.9 | 927.4 | 976.6 | 1025.1 | 1062.5 | 1099.3 | 1146.1 | 1200.2 | 1260.9 |
| 25° | 777.2 | 796.4 | 821.7 | 852.2 | 908.6 | 959.9 | 1008.9 | 1051.2 | 1100.7 | 1154.9 | 1222.5 |
| 27.5° | 728.3 | 745.0 | 768.2 | 799.9 | 837.8 | 894.4 | 953.7 | 1002.0 | 1052.9 | 1110.9 | 1178.7 |
| 30° | 699.4 | 713.0 | 732.1 | 764.3 | 800.4 | 851.1 | 911.3 | 967.8 | 1019.0 | 1079.3 | 1149.8 |
| 32.5° | 669.3 | 683.7 | 702.4 | 727.7 | 766.5 | 809.1 | 869.4 | 931.2 | 985.7 | 1047.3 | 1116.4 |
| 35° | 629.0 | 640.3 | 657.2 | 683.1 | 718.0 | 755.2 | 808.8 | 872.5 | 930.0 | 995.9 | 1061.8 |
| 37.5° | 588.3 | 601.6 | 614.9 | 638.1 | 666.7 | 706.7 | 750.5 | 815.5 | 879.2 | 939.5 | 1003.8 |
| 40° | 565.3 | 573.2 | 587.8 | 606.4 | 636.9 | 672.4 | 713.5 | 777.2 | 840.9 | 900.7 | 965.5 |
| 42.5° | 539.6 | 548.4 | 560.8 | 579.4 | 606.7 | 641.3 | 681.5 | 736.6 | 803.1 | 861.0 | 919.9 |
| 45° | 503.9 | 508.9 | 521.4 | 537.1 | 559.7 | 594.6 | 631.9 | 680.9 | 743.4 | 798.7 | 850.5 |
| 47.5° | 467.8 | 472.2 | 480.0 | 494.4 | 519.7 | 547.7 | 582.5 | 626.6 | 681.4 | 736.6 | 780.5 |
| 50° | 443.0 | 446.9 | 454.3 | 467.8 | 490.3 | 518.0 | 552.4 | 591.8 | 640.8 | 693.8 | 730.4 |
| 52.5° | 418.2 | 420.4 | 427.2 | 442.5 | 461.5 | 488.7 | 519.4 | 555.7 | 601.6 | 645.6 | 682.7 |
| 55° | 378.8 | 383.8 | 388.3 | 399.6 | 417.7 | 443.6 | 471.2 | 505.6 | 541.1 | 578.3 | 609.8 |
| 57.5° | 337.6 | 343.2 | 349.7 | 359.6 | 373.9 | 398.0 | 422.8 | 450.7 | 481.0 | 511.8 | 538.3 |
| 60° | 310.5 | 315.6 | 321.2 | 332.6 | 345.5 | 364.7 | 391.8 | 416.0 | 439.0 | 467.2 | 493.7 |
| 62.5° | 284.0 | 289.0 | 295.5 | 304.6 | 317.1 | 335.3 | 357.9 | 379.0 | 403.0 | 427.5 | 447.3 |
| 65° | 244.6 | 248.6 | 253.6 | 262.1 | 273.9 | 290.2 | 308.8 | 325.2 | 346.7 | 364.7 | 382.7 |
| 67.5° | 201.5 | 209.0 | 215.6 | 222.5 | 232.5 | 247.8 | 261.2 | 276.9 | 291.4 | 304.8 | 321.2 |
| 70° | 173.0 | 181.5 | 187.7 | 195.0 | 204.6 | 217.5 | 230.5 | 241.2 | 253.1 | 266.0 | 280.7 |
| 72.5° | 149.1 | 155.8 | 160.6 | 168.4 | 177.1 | 189.1 | 201.2 | 210.1 | 219.7 | 228.6 | 242.8 |
| 75° | 117.8 | 120.6 | 124.0 | 130.2 | 138.1 | 147.1 | 156.7 | 164.6 | 170.2 | 178.1 | 188.3 |
| 77.5° | 84.6 | 90.1 | 92.3 | 96.7 | 102.3 | 108.0 | 114.3 | 121.0 | 126.4 | 129.1 | 137.0 |
| 80° | 64.8 | 67.1 | 69.3 | 75.5 | 78.9 | 84.5 | 89.0 | 95.2 | 97.5 | 100.4 | 107.6 |
| 82.5° | 50.4 | 51.8 | 53.1 | 54.8 | 56.8 | 62.5 | 66.9 | 70.9 | 73.1 | 74.2 | 79.7 |
| 85° | 29.3 | 29.8 | 30.4 | 31.0 | 31.6 | 31.6 | 33.8 | 36.6 | 40.6 | 40.6 | 42.2 |
| 87.5° | 12.9 | 13.2 | 13.0 | 12.3 | 13.0 | 12.7 | 12.9 | 12.6 | 13.6 | 14.7 | 15.7 |
| 90° | 14.8 | 14.0 | 12.9 | 11.7 | 10.6 | 9.5 | 8.2 | 6.6 | 5.1 | 3.5 | 1.9 |
| 92.5° | 25.8 | 25.3 | 24.5 | 23.6 | 22.8 | 22.1 | 20.8 | 19.0 | 17.2 | 15.4 | 13.6 |
| 95° | 48.8 | 48.4 | 47.5 | 46.5 | 45.5 | 44.5 | 43.4 | 42.1 | 40.8 | 39.5 | 38.2 |
| 97.5° | 77.1 | 76.6 | 75.4 | 74.3 | 73.1 | 72.0 | 70.8 | 69.9 | 68.8 | 67.8 | 66.8 |
| 100° | 97.8 | 97.5 | 96.2 | 95.0 | 93.7 | 92.5 | 91.5 | 90.9 | 90.3 | 89.8 | 89.3 |
| 102.5° | 119.4 | 119.0 | 117.8 | 116.6 | 115.4 | 114.3 | 113.6 | 113.4 | 113.2 | 112.9 | 112.7 |
| 105° | 152.1 | 151.7 | 151.2 | 150.6 | 150.0 | 149.4 | 149.1 | 149.0 | 148.8 | 148.6 | 148.5 |
| 107.5° | 187.7 | 187.3 | 187.2 | 187.1 | 187.0 | 186.9 | 186.8 | 186.6 | 186.5 | 186.3 | 186.1 |
| 110° | 212.0 | 212.2 | 212.4 | 212.5 | 212.7 | 212.8 | 212.7 | 212.5 | 212.1 | 211.9 | 211.7 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.2 | 237.3 | 237.5 | 237.7 | 238.0 | 238.2 | 238.4 | 238.3 | 238.2 | 238.1 | 238.1 |
| 115° | 276.5 | 276.6 | 276.9 | 277.2 | 277.4 | 277.8 | 277.9 | 277.9 | 277.9 | 277.9 | 277.9 |
| 117.5° | 314.5 | 315.0 | 315.2 | 315.4 | 315.6 | 315.8 | 315.8 | 315.7 | 315.6 | 315.5 | 315.4 |
| 120° | 340.3 | 341.0 | 341.4 | 341.9 | 342.3 | 342.7 | 342.7 | 342.1 | 341.5 | 341.0 | 340.4 |
| 122.5° | 366.0 | 366.5 | 366.7 | 366.9 | 367.1 | 367.3 | 367.3 | 367.0 | 366.8 | 366.6 | 366.4 |
| 125° | 403.8 | 404.1 | 404.2 | 404.4 | 404.6 | 404.6 | 404.7 | 404.7 | 404.7 | 404.7 | 404.7 |
| 127.5° | 440.2 | 440.4 | 440.7 | 440.9 | 441.1 | 441.3 | 441.2 | 440.8 | 440.4 | 439.9 | 439.5 |
| 130° | 465.6 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 465.7 | 465.3 | 464.9 | 464.5 | 464.0 |
| 132.5° | 489.6 | 489.9 | 490.0 | 490.2 | 490.2 | 490.3 | 490.2 | 489.9 | 489.7 | 489.3 | 489.0 |
| 135° | 525.5 | 525.9 | 525.9 | 525.9 | 525.9 | 525.9 | 525.5 | 524.6 | 523.7 | 522.9 | 522.0 |
| 137.5° | 560.4 | 560.8 | 560.5 | 560.4 | 560.1 | 559.9 | 559.5 | 559.1 | 558.7 | 558.4 | 558.0 |
| 140° | 583.1 | 583.2 | 583.2 | 583.2 | 583.2 | 583.2 | 583.1 | 582.8 | 582.5 | 582.2 | 582.0 |
| 142.5° | 604.6 | 604.6 | 604.7 | 604.9 | 605.0 | 605.1 | 605.0 | 604.7 | 604.5 | 604.1 | 603.9 |
| 145° | 637.2 | 637.4 | 637.2 | 637.1 | 637.0 | 636.8 | 636.5 | 635.9 | 635.4 | 634.8 | 634.2 |
| 147.5° | 666.8 | 666.8 | 666.9 | 667.1 | 667.2 | 667.3 | 667.0 | 666.3 | 665.6 | 665.0 | 664.3 |
| 150° | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 684.9 | 684.4 | 683.8 | 683.2 | 682.7 |
| 152.5° | 702.4 | 702.1 | 701.9 | 701.8 | 701.6 | 701.6 | 701.3 | 701.0 | 700.7 | 700.3 | 700.0 |
| 155° | 726.5 | 726.0 | 726.1 | 726.3 | 726.4 | 726.5 | 726.6 | 726.6 | 726.6 | 726.6 | 726.6 |
| 157.5° | 748.2 | 747.8 | 747.8 | 747.9 | 747.9 | 747.9 | 748.0 | 748.3 | 748.5 | 748.8 | 749.1 |
| 160° | 761.5 | 761.1 | 761.2 | 761.3 | 761.5 | 761.6 | 761.7 | 761.9 | 762.1 | 762.1 | 762.3 |
| 162.5° | 773.1 | 772.3 | 772.4 | 772.6 | 772.7 | 772.8 | 773.1 | 773.5 | 773.8 | 774.2 | 774.5 |
| 165° | 788.6 | 787.8 | 788.1 | 788.4 | 788.6 | 789.0 | 789.3 | 789.7 | 790.2 | 790.6 | 791.0 |
| 167.5° | 801.9 | 801.0 | 801.0 | 801.0 | 801.0 | 801.0 | 801.3 | 801.8 | 802.4 | 803.0 | 803.6 |
| 170° | 809.0 | 808.2 | 808.0 | 808.0 | 807.8 | 807.6 | 808.0 | 808.6 | 809.3 | 810.1 | 810.7 |
| 172.5° | 814.2 | 813.3 | 813.3 | 813.3 | 813.3 | 813.2 | 813.5 | 814.1 | 814.6 | 815.3 | 815.9 |
| 175° | 820.0 | 819.0 | 819.2 | 819.3 | 819.5 | 819.6 | 820.0 | 820.8 | 821.4 | 822.1 | 822.9 |
| 177.5° | 823.4 | 822.6 | 822.6 | 822.6 | 822.6 | 822.6 | 822.9 | 823.5 | 824.0 | 824.6 | 825.2 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 |
| 2.5° | 1407.5 | 1411.5 | 1416.0 | 1424.6 | 1431.8 | 1435.0 | 1441.3 | 1445.8 | 1444.5 | 1450.7 | 1461.6 |
| 5° | 1413.0 | 1428.2 | 1445.7 | 1463.7 | 1484.0 | 1500.9 | 1514.4 | 1528.0 | 1538.7 | 1551.7 | 1570.8 |
| 7.5° | 1412.1 | 1439.2 | 1468.6 | 1500.9 | 1534.1 | 1562.9 | 1589.5 | 1616.6 | 1640.5 | 1666.9 | 1701.2 |
| 10° | 1408.5 | 1444.5 | 1481.2 | 1523.5 | 1565.7 | 1605.7 | 1641.8 | 1675.6 | 1707.8 | 1742.1 | 1785.6 |
| 12.5° | 1404.4 | 1445.9 | 1490.2 | 1541.1 | 1593.7 | 1641.8 | 1684.2 | 1732.9 | 1773.1 | 1817.5 | 1867.6 |
| 15° | 1386.5 | 1442.3 | 1502.6 | 1568.6 | 1631.7 | 1696.5 | 1754.5 | 1814.3 | 1870.1 | 1923.0 | 1986.2 |
| 17.5° | 1366.0 | 1430.4 | 1501.5 | 1579.4 | 1655.2 | 1734.1 | 1802.9 | 1878.2 | 1935.3 | 2006.4 | 2065.0 |
| 20° | 1349.3 | 1418.6 | 1494.7 | 1582.1 | 1668.3 | 1755.7 | 1831.7 | 1908.5 | 1972.7 | 2044.3 | 2118.6 |
| 22.5° | 1329.0 | 1405.1 | 1487.5 | 1578.0 | 1668.3 | 1763.8 | 1848.0 | 1924.2 | 2003.8 | 2084.4 | 2161.0 |
| 25° | 1296.3 | 1375.2 | 1462.6 | 1561.8 | 1665.5 | 1763.0 | 1853.2 | 1947.8 | 2033.5 | 2120.9 | 2189.6 |
| 27.5° | 1256.2 | 1339.0 | 1431.2 | 1533.5 | 1639.9 | 1739.8 | 1846.0 | 1946.9 | 2033.1 | 2117.2 | 2177.2 |
| 30° | 1224.2 | 1311.6 | 1400.0 | 1503.7 | 1614.2 | 1721.3 | 1835.2 | 1936.0 | 2026.8 | 2102.3 | 2136.1 |
| 32.5° | 1191.2 | 1274.1 | 1365.3 | 1470.4 | 1583.6 | 1698.8 | 1811.7 | 1914.8 | 1998.8 | 2044.1 | 2045.0 |
| 35° | 1134.0 | 1211.8 | 1306.4 | 1409.7 | 1525.8 | 1650.8 | 1765.3 | 1866.7 | 1918.0 | 1921.9 | 1866.7 |
| 37.5° | 1071.5 | 1142.9 | 1232.3 | 1335.5 | 1462.7 | 1587.1 | 1704.1 | 1771.6 | 1788.8 | 1731.5 | 1629.3 |
| 40° | 1027.0 | 1092.8 | 1179.1 | 1285.1 | 1411.3 | 1539.8 | 1646.3 | 1695.9 | 1677.9 | 1584.9 | 1471.0 |
| 42.5° | 980.0 | 1041.5 | 1124.5 | 1229.1 | 1355.8 | 1485.7 | 1576.5 | 1603.0 | 1555.3 | 1447.8 | 1314.6 |
| 45° | 903.5 | 959.9 | 1042.1 | 1147.5 | 1269.3 | 1391.0 | 1459.8 | 1446.3 | 1366.8 | 1239.4 | 1090.1 |
| 47.5° | 823.8 | 878.2 | 952.3 | 1049.8 | 1174.4 | 1279.5 | 1326.1 | 1285.3 | 1172.2 | 1032.1 | 910.6 |
| 50° | 771.0 | 826.8 | 895.0 | 988.1 | 1101.9 | 1203.3 | 1233.2 | 1171.2 | 1045.5 | 910.8 | 799.2 |
| 52.5° | 719.2 | 766.9 | 833.7 | 923.6 | 1032.4 | 1118.1 | 1134.0 | 1062.5 | 932.8 | 812.0 | 713.1 |
| 55° | 640.3 | 683.7 | 740.0 | 824.6 | 918.7 | 991.4 | 982.9 | 891.1 | 773.3 | 670.2 | 592.4 |
| 57.5° | 563.9 | 596.6 | 648.7 | 728.0 | 810.6 | 859.4 | 828.5 | 750.2 | 640.4 | 556.0 | 490.3 |
| 60° | 513.5 | 543.9 | 592.4 | 661.7 | 734.4 | 762.0 | 736.1 | 651.0 | 564.2 | 487.0 | 431.7 |
| 62.5° | 465.7 | 492.5 | 534.2 | 598.6 | 657.3 | 673.6 | 645.9 | 571.6 | 493.4 | 427.5 | 381.7 |
| 65° | 396.2 | 421.0 | 456.6 | 502.2 | 542.7 | 550.7 | 532.6 | 456.6 | 397.4 | 342.1 | 310.5 |
| 67.5° | 333.2 | 349.4 | 377.2 | 416.6 | 438.1 | 442.8 | 408.0 | 360.1 | 307.9 | 274.0 | 250.2 |
| 70° | 290.8 | 302.1 | 328.0 | 349.4 | 366.9 | 367.5 | 335.3 | 297.0 | 257.0 | 229.4 | 211.9 |
| 72.5° | 249.8 | 260.7 | 280.2 | 294.9 | 308.3 | 303.9 | 274.5 | 244.3 | 211.9 | 191.1 | 178.1 |
| 75° | 192.7 | 202.4 | 212.5 | 219.2 | 219.2 | 213.6 | 192.2 | 169.7 | 151.1 | 138.7 | 134.7 |
| 77.5° | 140.1 | 148.0 | 151.4 | 150.3 | 148.4 | 139.6 | 126.0 | 111.3 | 104.6 | 98.7 | 95.8 |
| 80° | 109.9 | 113.3 | 114.4 | 111.6 | 108.2 | 98.1 | 89.0 | 82.8 | 76.6 | 74.4 | 73.3 |
| 82.5° | 81.5 | 84.5 | 81.5 | 82.3 | 74.8 | 66.5 | 61.6 | 59.4 | 56.8 | 55.9 | 54.8 |
| 85° | 43.4 | 42.8 | 41.7 | 38.9 | 33.8 | 32.7 | 32.1 | 31.6 | 30.4 | 31.0 | 29.8 |
| 87.5° | 15.6 | 14.5 | 13.0 | 12.9 | 13.2 | 12.5 | 13.2 | 13.4 | 13.6 | 13.4 | 14.4 |
| 90° | 3.5 | 5.1 | 6.6 | 8.2 | 9.5 | 10.6 | 11.7 | 12.9 | 14.0 | 14.8 | 15.7 |
| 92.5° | 15.4 | 17.2 | 19.0 | 20.8 | 22.1 | 22.8 | 23.6 | 24.5 | 25.3 | 25.8 | 26.3 |
| 95° | 39.5 | 40.8 | 42.1 | 43.4 | 44.5 | 45.5 | 46.5 | 47.5 | 48.4 | 48.8 | 49.3 |
| 97.5° | 67.8 | 68.8 | 69.9 | 70.8 | 72.0 | 73.1 | 74.3 | 75.4 | 76.6 | 77.1 | 77.6 |
| 100° | 89.8 | 90.3 | 90.9 | 91.5 | 92.5 | 93.7 | 95.0 | 96.2 | 97.5 | 97.8 | 98.1 |
| 102.5° | 112.9 | 113.2 | 113.4 | 113.6 | 114.3 | 115.4 | 116.6 | 117.8 | 119.0 | 119.4 | 119.8 |
| 105° | 148.6 | 148.8 | 149.0 | 149.1 | 149.4 | 150.0 | 150.6 | 151.2 | 151.7 | 152.1 | 152.5 |
| 107.5° | 186.3 | 186.5 | 186.6 | 186.8 | 186.9 | 187.0 | 187.1 | 187.2 | 187.3 | 187.7 | 188.1 |
| 110° | 211.9 | 212.1 | 212.5 | 212.7 | 212.8 | 212.7 | 212.5 | 212.4 | 212.2 | 212.0 | 211.7 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 238.1 | 238.2 | 238.3 | 238.4 | 238.2 | 238.0 | 237.7 | 237.5 | 237.3 | 237.2 | 237.1 |
| 115° | 277.9 | 277.9 | 277.9 | 277.9 | 277.8 | 277.4 | 277.2 | 276.9 | 276.6 | 276.5 | 276.3 |
| 117.5° | 315.5 | 315.6 | 315.7 | 315.8 | 315.8 | 315.6 | 315.4 | 315.2 | 315.0 | 314.5 | 314.1 |
| 120° | 341.0 | 341.5 | 342.1 | 342.7 | 342.7 | 342.3 | 341.9 | 341.4 | 341.0 | 340.3 | 339.6 |
| 122.5° | 366.6 | 366.8 | 367.0 | 367.3 | 367.3 | 367.1 | 366.9 | 366.7 | 366.5 | 366.0 | 365.5 |
| 125° | 404.7 | 404.7 | 404.7 | 404.7 | 404.6 | 404.6 | 404.4 | 404.2 | 404.1 | 403.8 | 403.6 |
| 127.5° | 439.9 | 440.4 | 440.8 | 441.2 | 441.3 | 441.1 | 440.9 | 440.7 | 440.4 | 440.2 | 439.9 |
| 130° | 464.5 | 464.9 | 465.3 | 465.7 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 465.6 | 465.4 |
| 132.5° | 489.3 | 489.7 | 489.9 | 490.2 | 490.3 | 490.2 | 490.2 | 490.0 | 489.9 | 489.6 | 489.3 |
| 135° | 522.9 | 523.7 | 524.6 | 525.5 | 525.9 | 525.9 | 525.9 | 525.9 | 525.9 | 525.5 | 525.3 |
| 137.5° | 558.4 | 558.7 | 559.1 | 559.5 | 559.9 | 560.1 | 560.4 | 560.5 | 560.8 | 560.4 | 560.0 |
| 140° | 582.2 | 582.5 | 582.8 | 583.1 | 583.2 | 583.2 | 583.2 | 583.2 | 583.2 | 583.1 | 582.9 |
| 142.5° | 604.1 | 604.5 | 604.7 | 605.0 | 605.1 | 605.0 | 604.9 | 604.7 | 604.6 | 604.6 | 604.5 |
| 145° | 634.8 | 635.4 | 635.9 | 636.5 | 636.8 | 637.0 | 637.1 | 637.2 | 637.4 | 637.2 | 637.1 |
| 147.5° | 665.0 | 665.6 | 666.3 | 667.0 | 667.3 | 667.2 | 667.1 | 666.9 | 666.8 | 666.8 | 666.6 |
| 150° | 683.2 | 683.8 | 684.4 | 684.9 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 |
| 152.5° | 700.3 | 700.7 | 701.0 | 701.3 | 701.6 | 701.6 | 701.8 | 701.9 | 702.1 | 702.4 | 702.7 |
| 155° | 726.6 | 726.6 | 726.6 | 726.6 | 726.5 | 726.4 | 726.3 | 726.1 | 726.0 | 726.5 | 727.1 |
| 157.5° | 748.8 | 748.5 | 748.3 | 748.0 | 747.9 | 747.9 | 747.9 | 747.8 | 747.8 | 748.2 | 748.6 |
| 160° | 762.1 | 762.1 | 761.9 | 761.7 | 761.6 | 761.5 | 761.3 | 761.2 | 761.1 | 761.5 | 761.9 |
| 162.5° | 774.2 | 773.8 | 773.5 | 773.1 | 772.8 | 772.7 | 772.6 | 772.4 | 772.3 | 773.1 | 773.8 |
| 165° | 790.6 | 790.2 | 789.7 | 789.3 | 789.0 | 788.6 | 788.4 | 788.1 | 787.8 | 788.6 | 789.5 |
| 167.5° | 803.0 | 802.4 | 801.8 | 801.3 | 801.0 | 801.0 | 801.0 | 801.0 | 801.0 | 801.9 | 802.7 |
| 170° | 810.1 | 809.3 | 808.6 | 808.0 | 807.6 | 807.8 | 808.0 | 808.0 | 808.2 | 809.0 | 809.9 |
| 172.5° | 815.3 | 814.6 | 814.1 | 813.5 | 813.2 | 813.3 | 813.3 | 813.3 | 813.3 | 814.2 | 815.2 |
| 175° | 822.1 | 821.4 | 820.8 | 820.0 | 819.6 | 819.5 | 819.3 | 819.2 | 819.0 | 820.0 | 821.0 |
| 177.5° | 824.6 | 824.0 | 823.5 | 822.9 | 822.6 | 822.6 | 822.6 | 822.6 | 822.6 | 823.4 | 824.2 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 | 1398.9 |
| 2.5° | 1467.5 | 1469.3 | 1470.6 | 1475.1 | 1475.5 | 1479.6 | 1475.5 |
| 5° | 1588.9 | 1596.8 | 1609.2 | 1621.5 | 1622.7 | 1630.5 | 1616.5 |
| 7.5° | 1725.0 | 1743.3 | 1754.7 | 1774.7 | 1782.7 | 1787.5 | 1779.5 |
| 10° | 1818.8 | 1835.7 | 1865.6 | 1880.2 | 1894.9 | 1897.1 | 1890.4 |
| 12.5° | 1909.4 | 1936.3 | 1959.8 | 1987.5 | 1986.9 | 2006.7 | 1999.5 |
| 15° | 2030.2 | 2057.8 | 2090.4 | 2121.5 | 2132.7 | 2132.7 | 2141.8 |
| 17.5° | 2116.3 | 2166.9 | 2200.7 | 2225.0 | 2251.7 | 2256.3 | 2253.2 |
| 20° | 2174.5 | 2229.1 | 2265.2 | 2296.8 | 2314.8 | 2319.9 | 2319.9 |
| 22.5° | 2217.7 | 2264.2 | 2299.5 | 2327.8 | 2342.8 | 2348.7 | 2346.9 |
| 25° | 2247.7 | 2287.7 | 2309.2 | 2317.6 | 2321.6 | 2320.4 | 2309.7 |
| 27.5° | 2206.7 | 2204.9 | 2191.4 | 2165.4 | 2145.9 | 2134.1 | 2120.6 |
| 30° | 2128.3 | 2098.9 | 2065.1 | 2027.9 | 1980.0 | 1943.3 | 1932.1 |
| 32.5° | 2011.4 | 1945.6 | 1888.3 | 1826.4 | 1774.8 | 1738.2 | 1722.9 |
| 35° | 1785.6 | 1681.3 | 1596.2 | 1521.8 | 1467.7 | 1433.9 | 1422.6 |
| 37.5° | 1517.5 | 1416.6 | 1311.2 | 1239.1 | 1194.2 | 1160.0 | 1147.3 |
| 40° | 1347.0 | 1237.1 | 1145.3 | 1077.7 | 1031.4 | 998.2 | 997.6 |
| 42.5° | 1191.5 | 1086.5 | 1000.1 | 951.4 | 901.6 | 879.5 | 879.5 |
| 45° | 975.6 | 891.6 | 818.4 | 780.1 | 750.2 | 732.1 | 727.1 |
| 47.5° | 807.8 | 738.3 | 689.5 | 659.0 | 634.6 | 623.1 | 615.7 |
| 50° | 713.5 | 652.6 | 613.8 | 587.3 | 573.7 | 559.1 | 558.0 |
| 52.5° | 635.1 | 586.0 | 555.6 | 534.1 | 517.0 | 508.2 | 508.4 |
| 55° | 533.8 | 494.9 | 473.4 | 457.1 | 443.6 | 436.8 | 434.0 |
| 57.5° | 449.6 | 420.4 | 404.9 | 389.9 | 384.2 | 378.9 | 377.4 |
| 60° | 397.4 | 377.6 | 363.0 | 351.1 | 342.7 | 341.0 | 340.4 |
| 62.5° | 354.1 | 333.5 | 323.3 | 314.1 | 307.9 | 305.3 | 304.4 |
| 65° | 292.0 | 276.7 | 267.7 | 260.4 | 258.1 | 254.2 | 253.6 |
| 67.5° | 235.4 | 226.2 | 220.3 | 215.2 | 212.1 | 211.9 | 211.9 |
| 70° | 200.6 | 195.6 | 190.5 | 187.7 | 186.0 | 184.8 | 184.8 |
| 72.5° | 170.9 | 167.1 | 163.0 | 161.5 | 161.2 | 160.0 | 159.6 |
| 75° | 130.2 | 126.3 | 126.8 | 124.0 | 121.7 | 119.0 | 117.2 |
| 77.5° | 92.3 | 89.5 | 88.9 | 88.6 | 86.7 | 86.3 | 87.2 |
| 80° | 71.6 | 68.7 | 68.2 | 68.7 | 68.2 | 66.5 | 66.5 |
| 82.5° | 54.5 | 52.1 | 51.5 | 51.2 | 50.6 | 51.2 | 50.3 |
| 85° | 29.3 | 28.2 | 28.2 | 28.2 | 29.3 | 28.8 | 28.2 |
| 87.5° | 13.7 | 13.4 | 13.9 | 13.5 | 13.6 | 13.2 | 13.8 |
| 90° | 16.6 | 17.4 | 18.0 | 18.3 | 18.6 | 18.8 | 19.2 |
| 92.5° | 26.7 | 27.3 | 27.6 | 27.8 | 28.0 | 28.1 | 28.3 |
| 95° | 49.7 | 50.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| 97.5° | 78.1 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 100° | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 102.5° | 120.1 | 120.5 | 120.7 | 120.9 | 121.0 | 121.2 | 121.2 |
| 105° | 153.0 | 153.4 | 153.8 | 154.3 | 154.7 | 155.1 | 155.6 |
| 107.5° | 188.4 | 188.8 | 189.1 | 189.0 | 189.0 | 189.0 | 188.9 |
| 110° | 211.4 | 211.1 | 211.2 | 211.7 | 212.1 | 212.5 | 212.9 |



TEST NUMBER: P332968-930

CATALOG NUMBER: S124RDIP-S1020D810U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.1 | 237.0 | 237.0 | 237.1 | 237.2 | 237.3 | 237.3 |
| 115° | 276.2 | 276.1 | 275.9 | 275.8 | 275.7 | 275.5 | 275.3 |
| 117.5° | 313.6 | 313.1 | 312.7 | 312.4 | 312.1 | 311.9 | 311.5 |
| 120° | 338.8 | 338.2 | 337.9 | 338.3 | 338.5 | 338.8 | 339.1 |
| 122.5° | 365.1 | 364.6 | 364.1 | 363.5 | 363.1 | 362.6 | 362.1 |
| 125° | 403.2 | 403.0 | 402.7 | 402.4 | 402.1 | 401.9 | 401.5 |
| 127.5° | 439.6 | 439.3 | 439.0 | 438.8 | 438.6 | 438.4 | 438.1 |
| 130° | 465.0 | 464.8 | 464.4 | 463.8 | 463.3 | 462.7 | 462.1 |
| 132.5° | 489.0 | 488.8 | 488.5 | 488.3 | 488.0 | 487.8 | 487.6 |
| 135° | 525.0 | 524.7 | 524.3 | 523.9 | 523.5 | 523.1 | 522.7 |
| 137.5° | 559.7 | 559.3 | 559.1 | 559.2 | 559.3 | 559.4 | 559.5 |
| 140° | 582.8 | 582.6 | 582.5 | 582.4 | 582.2 | 582.0 | 582.0 |
| 142.5° | 604.5 | 604.5 | 604.5 | 604.5 | 604.5 | 604.4 | 604.4 |
| 145° | 637.0 | 636.8 | 636.5 | 636.1 | 635.7 | 635.3 | 634.9 |
| 147.5° | 666.5 | 666.3 | 666.3 | 666.1 | 665.9 | 665.9 | 665.7 |
| 150° | 685.2 | 685.2 | 685.1 | 685.0 | 684.9 | 684.7 | 684.5 |
| 152.5° | 703.0 | 703.4 | 703.4 | 703.0 | 702.6 | 702.3 | 701.9 |
| 155° | 727.7 | 728.2 | 728.2 | 727.7 | 727.1 | 726.5 | 726.0 |
| 157.5° | 749.1 | 749.5 | 749.4 | 749.0 | 748.5 | 748.0 | 747.5 |
| 160° | 762.3 | 762.7 | 762.6 | 761.9 | 761.2 | 760.5 | 759.8 |
| 162.5° | 774.5 | 775.3 | 775.3 | 774.6 | 774.0 | 773.2 | 772.5 |
| 165° | 790.4 | 791.2 | 791.3 | 790.8 | 790.2 | 789.6 | 789.1 |
| 167.5° | 803.6 | 804.5 | 804.5 | 803.6 | 802.7 | 801.8 | 801.0 |
| 170° | 810.7 | 811.6 | 811.5 | 810.6 | 809.6 | 808.5 | 807.6 |
| 172.5° | 816.2 | 817.2 | 817.2 | 816.2 | 815.1 | 814.2 | 813.2 |
| 175° | 822.0 | 823.0 | 823.0 | 822.0 | 821.0 | 820.0 | 819.0 |
| 177.5° | 825.0 | 825.8 | 825.7 | 824.8 | 823.9 | 823.0 | 822.1 |
| 180° | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 | 824.1 |

(END OF REPORT)