

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: P332962-930

Luminaire Tested: **S124RDIP-S1020D590U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332962-930
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-S1020D590U930-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5206.0 lumens
Efficiency: N/A
Efficacy: 106.7 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

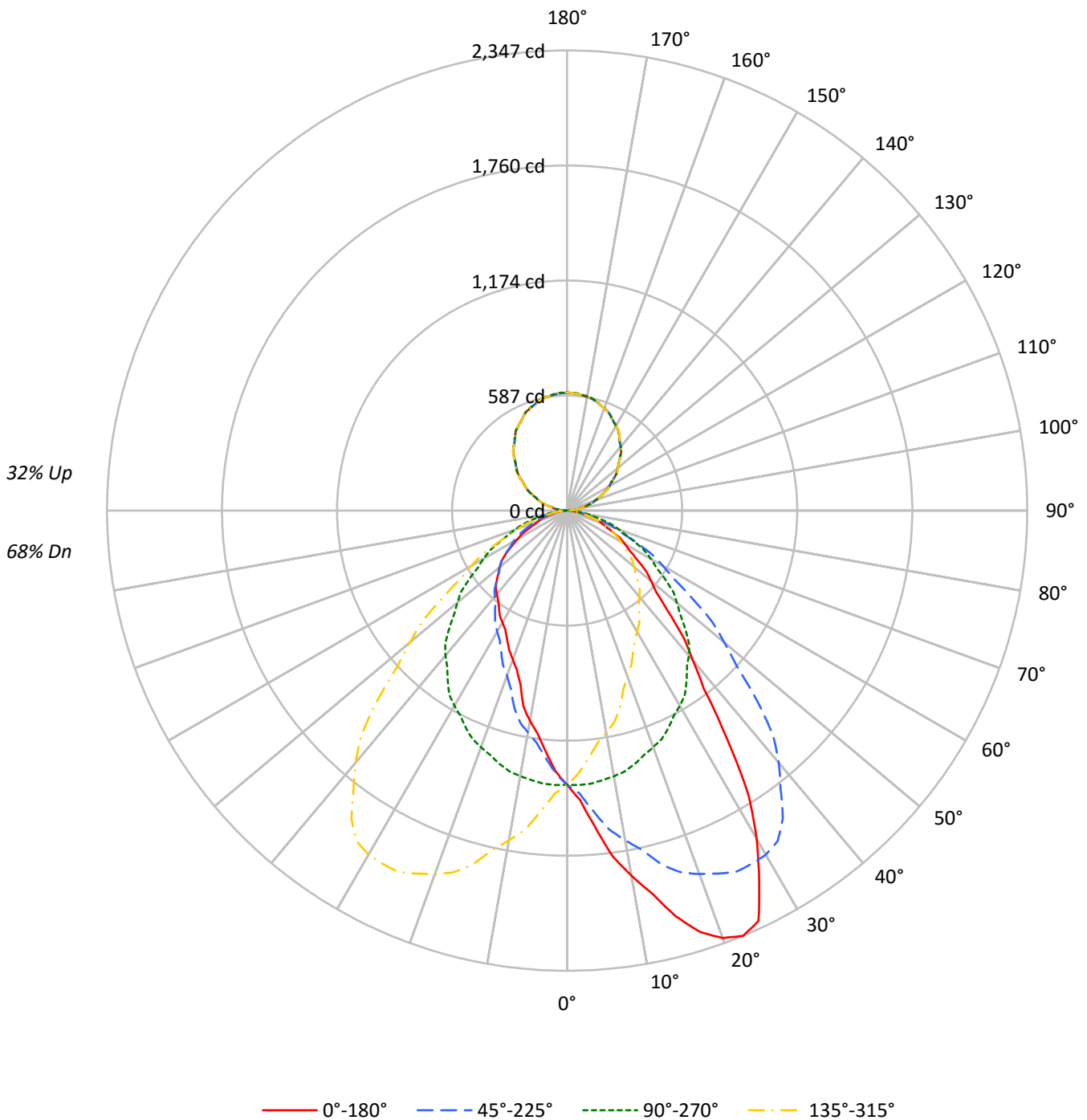
Input Watts (W): 48.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-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 | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 83 | 83 | 83 | 73 | 73 | 73 | 68 |
| 1 | 102 | 98 | 94 | 91 | 97 | 93 | 90 | 87 | 83 | 80 | 78 | 74 | 72 | 70 | 65 | 64 | 63 | 59 |
| 2 | 94 | 87 | 81 | 75 | 88 | 82 | 77 | 72 | 73 | 69 | 66 | 65 | 62 | 60 | 58 | 56 | 54 | 50 |
| 3 | 86 | 77 | 69 | 64 | 81 | 73 | 66 | 61 | 65 | 60 | 56 | 58 | 54 | 51 | 52 | 49 | 46 | 43 |
| 4 | 79 | 68 | 60 | 54 | 74 | 65 | 58 | 52 | 58 | 53 | 48 | 52 | 48 | 44 | 47 | 43 | 40 | 37 |
| 5 | 73 | 61 | 53 | 47 | 69 | 58 | 51 | 45 | 53 | 47 | 42 | 47 | 43 | 39 | 42 | 39 | 36 | 33 |
| 6 | 67 | 55 | 47 | 41 | 63 | 53 | 45 | 40 | 48 | 42 | 37 | 43 | 38 | 34 | 39 | 35 | 32 | 29 |
| 7 | 62 | 50 | 42 | 36 | 59 | 48 | 40 | 35 | 43 | 37 | 33 | 39 | 34 | 31 | 35 | 31 | 28 | 26 |
| 8 | 58 | 46 | 38 | 33 | 55 | 44 | 36 | 32 | 40 | 34 | 29 | 36 | 31 | 27 | 33 | 29 | 25 | 23 |
| 9 | 54 | 42 | 34 | 29 | 51 | 40 | 33 | 28 | 37 | 31 | 27 | 33 | 28 | 25 | 30 | 26 | 23 | 21 |
| 10 | 51 | 39 | 31 | 26 | 48 | 37 | 30 | 26 | 34 | 28 | 24 | 31 | 26 | 23 | 28 | 24 | 21 | 19 |

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: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 135.5 | 2.6 |
| 10°-20° | 408.9 | 7.9 |
| 20°-30° | 639.5 | 12.3 |
| 30°-40° | 710.9 | 13.7 |
| 40°-50° | 630.7 | 12.1 |
| 50°-60° | 491.5 | 9.4 |
| 60°-70° | 321.8 | 6.2 |
| 70°-80° | 158.2 | 3.0 |
| 80°-90° | 40.8 | 0.8 |
| 90°-100° | 39.7 | 0.8 |
| 100°-110° | 117.5 | 2.3 |
| 110°-120° | 199.4 | 3.8 |
| 120°-130° | 262.9 | 5.1 |
| 130°-140° | 295.3 | 5.7 |
| 140°-150° | 290.2 | 5.6 |
| 150°-160° | 244.0 | 4.7 |
| 160°-170° | 162.4 | 3.1 |
| 170°-180° | 56.9 | 1.1 |
| 0°-30° | 1183.9 | 22.7 |
| 0°-40° | 1894.8 | 36.4 |
| 0°-60° | 3017.0 | 58.0 |
| 0°-90° | 3537.9 | 68.0 |
| 90°-120° | 356.5 | 6.8 |
| 90°-150° | 1204.9 | 23.1 |
| 90°-180° | 1668.0 | 32.0 |
| 0°-180° | 5206.0 | 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° | 14 | 1 | 14 | 1 | 14 | 8 |
| 95° | 37 | 28 | 37 | 28 | 37 | 38 |
| 105° | 114 | 108 | 114 | 108 | 114 | 120 |
| 115° | 201 | 203 | 201 | 203 | 201 | 199 |
| 125° | 293 | 295 | 293 | 295 | 293 | 261 |
| 135° | 381 | 381 | 381 | 381 | 381 | 294 |
| 145° | 463 | 463 | 463 | 463 | 463 | 290 |
| 155° | 530 | 530 | 530 | 530 | 530 | 244 |
| 165° | 576 | 577 | 576 | 577 | 576 | 162 |
| 175° | 598 | 600 | 598 | 600 | 598 | 57 |
| 180° | 601 | 601 | 601 | 601 | 601 | |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-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° | 12.7 | 12.2 | 12.6 | 12.6 | 13.0 | 12.5 | 12.8 | 13.5 | 12.6 | 12.9 | 12.7 |
| 90° | 13.9 | 13.8 | 13.5 | 13.4 | 13.1 | 12.7 | 12.1 | 11.5 | 10.8 | 10.2 | 9.4 |
| 92.5° | 20.6 | 20.5 | 20.4 | 20.3 | 20.1 | 19.9 | 19.6 | 19.2 | 18.8 | 18.4 | 17.9 |
| 95° | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.6 | 36.3 | 36.0 | 35.6 | 35.3 | 34.7 |
| 97.5° | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.4 | 57.0 | 56.7 | 56.3 | 55.9 | 55.0 |
| 100° | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.0 | 71.7 | 71.6 | 71.3 | 71.2 | 70.2 |
| 102.5° | 88.5 | 88.4 | 88.3 | 88.2 | 88.1 | 87.9 | 87.6 | 87.3 | 87.1 | 86.7 | 85.9 |
| 105° | 113.5 | 113.2 | 112.8 | 112.5 | 112.2 | 111.9 | 111.6 | 111.3 | 111.0 | 110.6 | 110.2 |
| 107.5° | 137.9 | 137.9 | 137.9 | 137.9 | 137.9 | 137.8 | 137.5 | 137.2 | 136.9 | 136.6 | 136.6 |
| 110° | 155.3 | 155.0 | 154.7 | 154.4 | 154.1 | 154.0 | 154.3 | 154.4 | 154.7 | 154.8 | 155.0 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.2 | 173.1 | 173.0 | 173.0 | 172.9 | 172.9 | 172.9 | 173.0 | 173.0 | 173.1 | 173.3 |
| 115° | 200.9 | 201.0 | 201.1 | 201.2 | 201.3 | 201.4 | 201.5 | 201.6 | 201.7 | 201.8 | 202.0 |
| 117.5° | 227.3 | 227.5 | 227.7 | 227.9 | 228.1 | 228.4 | 228.8 | 229.1 | 229.4 | 229.8 | 229.9 |
| 120° | 247.4 | 247.2 | 247.0 | 246.8 | 246.5 | 246.7 | 247.2 | 247.8 | 248.3 | 248.7 | 249.1 |
| 122.5° | 264.2 | 264.5 | 264.9 | 265.2 | 265.6 | 266.0 | 266.4 | 266.7 | 267.0 | 267.4 | 267.5 |
| 125° | 292.9 | 293.2 | 293.3 | 293.6 | 293.8 | 294.0 | 294.2 | 294.4 | 294.6 | 294.8 | 294.9 |
| 127.5° | 319.7 | 319.8 | 320.0 | 320.2 | 320.3 | 320.5 | 320.7 | 320.9 | 321.1 | 321.3 | 321.5 |
| 130° | 337.1 | 337.5 | 337.9 | 338.3 | 338.8 | 339.1 | 339.3 | 339.5 | 339.7 | 339.9 | 339.9 |
| 132.5° | 355.7 | 355.9 | 356.0 | 356.2 | 356.4 | 356.6 | 356.8 | 357.0 | 357.2 | 357.4 | 357.5 |
| 135° | 381.3 | 381.6 | 381.9 | 382.2 | 382.5 | 382.8 | 383.0 | 383.2 | 383.4 | 383.6 | 383.6 |
| 137.5° | 408.2 | 408.1 | 408.1 | 408.0 | 407.9 | 408.1 | 408.3 | 408.5 | 408.9 | 409.1 | 409.0 |
| 140° | 424.5 | 424.7 | 424.8 | 424.9 | 424.9 | 425.1 | 425.2 | 425.3 | 425.3 | 425.5 | 425.5 |
| 142.5° | 440.9 | 440.9 | 441.0 | 441.0 | 441.0 | 441.0 | 441.1 | 441.1 | 441.1 | 441.1 | 441.2 |
| 145° | 463.2 | 463.4 | 463.7 | 464.1 | 464.4 | 464.6 | 464.7 | 464.8 | 464.9 | 465.0 | 464.9 |
| 147.5° | 485.7 | 485.8 | 485.8 | 486.0 | 486.1 | 486.2 | 486.2 | 486.3 | 486.4 | 486.5 | 486.6 |
| 150° | 499.5 | 499.5 | 499.6 | 499.7 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 |
| 152.5° | 512.1 | 512.3 | 512.6 | 512.9 | 513.1 | 513.1 | 512.9 | 512.7 | 512.4 | 512.2 | 512.1 |
| 155° | 529.6 | 530.0 | 530.4 | 530.8 | 531.3 | 531.3 | 530.8 | 530.4 | 530.0 | 529.6 | 529.8 |
| 157.5° | 545.4 | 545.7 | 546.1 | 546.4 | 546.7 | 546.8 | 546.5 | 546.2 | 545.8 | 545.5 | 545.6 |
| 160° | 554.3 | 554.8 | 555.3 | 555.9 | 556.4 | 556.4 | 556.1 | 555.9 | 555.5 | 555.2 | 555.3 |
| 162.5° | 563.6 | 564.1 | 564.6 | 565.2 | 565.7 | 565.7 | 565.1 | 564.5 | 563.9 | 563.4 | 563.5 |
| 165° | 575.7 | 576.1 | 576.5 | 576.9 | 577.3 | 577.2 | 576.6 | 576.0 | 575.4 | 574.8 | 574.9 |
| 167.5° | 584.3 | 585.0 | 585.6 | 586.3 | 586.9 | 586.9 | 586.3 | 585.6 | 585.1 | 584.4 | 584.4 |
| 170° | 589.1 | 589.9 | 590.6 | 591.3 | 592.1 | 592.1 | 591.5 | 590.8 | 590.3 | 589.6 | 589.5 |
| 172.5° | 593.3 | 593.9 | 594.7 | 595.4 | 596.1 | 596.1 | 595.5 | 594.8 | 594.0 | 593.4 | 593.3 |
| 175° | 597.5 | 598.3 | 599.0 | 599.7 | 600.4 | 600.4 | 599.7 | 599.0 | 598.3 | 597.5 | 597.6 |
| 177.5° | 599.7 | 600.4 | 601.1 | 601.8 | 602.4 | 602.4 | 601.9 | 601.3 | 600.7 | 600.1 | 600.1 |
| 180° | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-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° | 12.6 | 11.9 | 12.6 | 12.5 | 12.7 | 14.3 | 15.4 | 15.6 | 14.5 | 13.4 | 12.2 |
| 90° | 8.6 | 7.7 | 6.9 | 6.0 | 4.8 | 3.7 | 2.5 | 1.4 | 2.5 | 3.7 | 4.8 |
| 92.5° | 17.3 | 16.7 | 16.1 | 15.2 | 13.9 | 12.6 | 11.3 | 9.9 | 11.3 | 12.6 | 13.9 |
| 95° | 33.9 | 33.2 | 32.4 | 31.6 | 30.7 | 29.8 | 28.9 | 27.9 | 28.9 | 29.8 | 30.7 |
| 97.5° | 54.2 | 53.3 | 52.5 | 51.7 | 51.0 | 50.2 | 49.5 | 48.8 | 49.5 | 50.2 | 51.0 |
| 100° | 69.3 | 68.3 | 67.4 | 66.8 | 66.4 | 66.0 | 65.6 | 65.1 | 65.6 | 66.0 | 66.4 |
| 102.5° | 85.0 | 84.2 | 83.4 | 82.8 | 82.7 | 82.5 | 82.3 | 82.2 | 82.3 | 82.5 | 82.7 |
| 105° | 109.8 | 109.4 | 109.0 | 108.8 | 108.7 | 108.5 | 108.4 | 108.4 | 108.4 | 108.5 | 108.7 |
| 107.5° | 136.5 | 136.4 | 136.4 | 136.3 | 136.2 | 136.0 | 135.9 | 135.7 | 135.9 | 136.0 | 136.2 |
| 110° | 155.1 | 155.2 | 155.2 | 155.2 | 155.0 | 154.8 | 154.6 | 154.4 | 154.6 | 154.8 | 155.0 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.4 | 173.7 | 173.8 | 173.9 | 173.8 | 173.8 | 173.7 | 173.7 | 173.7 | 173.8 | 173.8 |
| 115° | 202.2 | 202.4 | 202.6 | 202.8 | 202.8 | 202.8 | 202.8 | 202.8 | 202.8 | 202.8 | 202.8 |
| 117.5° | 230.1 | 230.2 | 230.4 | 230.4 | 230.3 | 230.2 | 230.2 | 230.1 | 230.2 | 230.2 | 230.3 |
| 120° | 249.4 | 249.7 | 250.1 | 250.0 | 249.6 | 249.2 | 248.7 | 248.3 | 248.7 | 249.2 | 249.6 |
| 122.5° | 267.7 | 267.8 | 268.0 | 267.9 | 267.7 | 267.6 | 267.4 | 267.3 | 267.4 | 267.6 | 267.7 |
| 125° | 295.1 | 295.1 | 295.2 | 295.3 | 295.3 | 295.3 | 295.3 | 295.3 | 295.3 | 295.3 | 295.3 |
| 127.5° | 321.6 | 321.8 | 322.0 | 321.9 | 321.6 | 321.3 | 321.0 | 320.7 | 321.0 | 321.3 | 321.6 |
| 130° | 339.9 | 339.9 | 339.9 | 339.7 | 339.5 | 339.2 | 338.8 | 338.5 | 338.8 | 339.2 | 339.5 |
| 132.5° | 357.6 | 357.7 | 357.8 | 357.7 | 357.4 | 357.2 | 357.0 | 356.8 | 357.0 | 357.2 | 357.4 |
| 135° | 383.6 | 383.6 | 383.6 | 383.4 | 382.7 | 382.0 | 381.5 | 380.8 | 381.5 | 382.0 | 382.7 |
| 137.5° | 408.8 | 408.6 | 408.5 | 408.2 | 407.9 | 407.6 | 407.3 | 407.1 | 407.3 | 407.6 | 407.9 |
| 140° | 425.5 | 425.5 | 425.5 | 425.3 | 425.2 | 424.9 | 424.8 | 424.5 | 424.8 | 424.9 | 425.2 |
| 142.5° | 441.2 | 441.3 | 441.4 | 441.4 | 441.2 | 441.0 | 440.8 | 440.5 | 440.8 | 441.0 | 441.2 |
| 145° | 464.8 | 464.7 | 464.6 | 464.3 | 463.9 | 463.5 | 463.1 | 462.7 | 463.1 | 463.5 | 463.9 |
| 147.5° | 486.7 | 486.7 | 486.8 | 486.7 | 486.1 | 485.6 | 485.1 | 484.6 | 485.1 | 485.6 | 486.1 |
| 150° | 499.9 | 499.9 | 499.9 | 499.7 | 499.3 | 498.9 | 498.5 | 498.0 | 498.5 | 498.9 | 499.3 |
| 152.5° | 512.0 | 511.9 | 511.8 | 511.7 | 511.4 | 511.2 | 510.9 | 510.7 | 510.9 | 511.2 | 511.4 |
| 155° | 529.9 | 529.9 | 530.0 | 530.1 | 530.1 | 530.1 | 530.1 | 530.1 | 530.1 | 530.1 | 530.1 |
| 157.5° | 545.6 | 545.6 | 545.6 | 545.8 | 545.9 | 546.1 | 546.3 | 546.5 | 546.3 | 546.1 | 545.9 |
| 160° | 555.5 | 555.5 | 555.6 | 555.7 | 555.9 | 556.0 | 556.0 | 556.1 | 556.0 | 556.0 | 555.9 |
| 162.5° | 563.6 | 563.7 | 563.8 | 564.0 | 564.3 | 564.5 | 564.8 | 565.1 | 564.8 | 564.5 | 564.3 |
| 165° | 575.2 | 575.4 | 575.6 | 575.8 | 576.2 | 576.4 | 576.7 | 577.1 | 576.7 | 576.4 | 576.2 |
| 167.5° | 584.4 | 584.3 | 584.3 | 584.6 | 585.0 | 585.4 | 585.9 | 586.3 | 585.9 | 585.4 | 585.0 |
| 170° | 589.4 | 589.3 | 589.2 | 589.4 | 590.0 | 590.4 | 591.0 | 591.5 | 591.0 | 590.4 | 590.0 |
| 172.5° | 593.3 | 593.3 | 593.3 | 593.5 | 593.9 | 594.4 | 594.8 | 595.2 | 594.8 | 594.4 | 593.9 |
| 175° | 597.8 | 597.9 | 597.9 | 598.3 | 598.8 | 599.3 | 599.8 | 600.3 | 599.8 | 599.3 | 598.8 |
| 177.5° | 600.1 | 600.1 | 600.1 | 600.3 | 600.8 | 601.2 | 601.6 | 602.0 | 601.6 | 601.2 | 600.8 |
| 180° | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-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° | 12.5 | 12.2 | 12.4 | 11.7 | 12.2 | 12.4 | 12.1 | 12.2 | 12.8 | 12.0 | 12.1 |
| 90° | 6.0 | 6.9 | 7.7 | 8.6 | 9.4 | 10.2 | 10.8 | 11.5 | 12.1 | 12.7 | 13.1 |
| 92.5° | 15.2 | 16.1 | 16.7 | 17.3 | 17.9 | 18.4 | 18.8 | 19.2 | 19.6 | 19.9 | 20.1 |
| 95° | 31.6 | 32.4 | 33.2 | 33.9 | 34.7 | 35.3 | 35.6 | 36.0 | 36.3 | 36.6 | 36.8 |
| 97.5° | 51.7 | 52.5 | 53.3 | 54.2 | 55.0 | 55.9 | 56.3 | 56.7 | 57.0 | 57.4 | 57.6 |
| 100° | 66.8 | 67.4 | 68.3 | 69.3 | 70.2 | 71.2 | 71.3 | 71.6 | 71.7 | 72.0 | 72.1 |
| 102.5° | 82.8 | 83.4 | 84.2 | 85.0 | 85.9 | 86.7 | 87.1 | 87.3 | 87.6 | 87.9 | 88.1 |
| 105° | 108.8 | 109.0 | 109.4 | 109.8 | 110.2 | 110.6 | 111.0 | 111.3 | 111.6 | 111.9 | 112.2 |
| 107.5° | 136.3 | 136.4 | 136.4 | 136.5 | 136.6 | 136.6 | 136.9 | 137.2 | 137.5 | 137.8 | 137.9 |
| 110° | 155.2 | 155.2 | 155.2 | 155.1 | 155.0 | 154.8 | 154.7 | 154.4 | 154.3 | 154.0 | 154.1 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.9 | 173.8 | 173.7 | 173.4 | 173.3 | 173.1 | 173.0 | 173.0 | 172.9 | 172.9 | 172.9 |
| 115° | 202.8 | 202.6 | 202.4 | 202.2 | 202.0 | 201.8 | 201.7 | 201.6 | 201.5 | 201.4 | 201.3 |
| 117.5° | 230.4 | 230.4 | 230.2 | 230.1 | 229.9 | 229.8 | 229.4 | 229.1 | 228.8 | 228.4 | 228.1 |
| 120° | 250.0 | 250.1 | 249.7 | 249.4 | 249.1 | 248.7 | 248.3 | 247.8 | 247.2 | 246.7 | 246.5 |
| 122.5° | 267.9 | 268.0 | 267.8 | 267.7 | 267.5 | 267.4 | 267.0 | 266.7 | 266.4 | 266.0 | 265.6 |
| 125° | 295.3 | 295.2 | 295.1 | 295.1 | 294.9 | 294.8 | 294.6 | 294.4 | 294.2 | 294.0 | 293.8 |
| 127.5° | 321.9 | 322.0 | 321.8 | 321.6 | 321.5 | 321.3 | 321.1 | 320.9 | 320.7 | 320.5 | 320.3 |
| 130° | 339.7 | 339.9 | 339.9 | 339.9 | 339.9 | 339.9 | 339.7 | 339.5 | 339.3 | 339.1 | 338.8 |
| 132.5° | 357.7 | 357.8 | 357.7 | 357.6 | 357.5 | 357.4 | 357.2 | 357.0 | 356.8 | 356.6 | 356.4 |
| 135° | 383.4 | 383.6 | 383.6 | 383.6 | 383.6 | 383.6 | 383.4 | 383.2 | 383.0 | 382.8 | 382.5 |
| 137.5° | 408.2 | 408.5 | 408.6 | 408.8 | 409.0 | 409.1 | 408.9 | 408.5 | 408.3 | 408.1 | 407.9 |
| 140° | 425.3 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 | 425.3 | 425.3 | 425.2 | 425.1 | 424.9 |
| 142.5° | 441.4 | 441.4 | 441.3 | 441.2 | 441.2 | 441.1 | 441.1 | 441.1 | 441.1 | 441.0 | 441.0 |
| 145° | 464.3 | 464.6 | 464.7 | 464.8 | 464.9 | 465.0 | 464.9 | 464.8 | 464.7 | 464.6 | 464.4 |
| 147.5° | 486.7 | 486.8 | 486.7 | 486.7 | 486.6 | 486.5 | 486.4 | 486.3 | 486.2 | 486.2 | 486.1 |
| 150° | 499.7 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 |
| 152.5° | 511.7 | 511.8 | 511.9 | 512.0 | 512.1 | 512.2 | 512.4 | 512.7 | 512.9 | 513.1 | 513.1 |
| 155° | 530.1 | 530.0 | 529.9 | 529.9 | 529.8 | 529.6 | 530.0 | 530.4 | 530.8 | 531.3 | 531.3 |
| 157.5° | 545.8 | 545.6 | 545.6 | 545.6 | 545.6 | 545.5 | 545.8 | 546.2 | 546.5 | 546.8 | 546.7 |
| 160° | 555.7 | 555.6 | 555.5 | 555.5 | 555.3 | 555.2 | 555.5 | 555.9 | 556.1 | 556.4 | 556.4 |
| 162.5° | 564.0 | 563.8 | 563.7 | 563.6 | 563.5 | 563.4 | 563.9 | 564.5 | 565.1 | 565.7 | 565.7 |
| 165° | 575.8 | 575.6 | 575.4 | 575.2 | 574.9 | 574.8 | 575.4 | 576.0 | 576.6 | 577.2 | 577.3 |
| 167.5° | 584.6 | 584.3 | 584.3 | 584.4 | 584.4 | 584.4 | 585.1 | 585.6 | 586.3 | 586.9 | 586.9 |
| 170° | 589.4 | 589.2 | 589.3 | 589.4 | 589.5 | 589.6 | 590.3 | 590.8 | 591.5 | 592.1 | 592.1 |
| 172.5° | 593.5 | 593.3 | 593.3 | 593.3 | 593.3 | 593.4 | 594.0 | 594.8 | 595.5 | 596.1 | 596.1 |
| 175° | 598.3 | 597.9 | 597.9 | 597.8 | 597.6 | 597.5 | 598.3 | 599.0 | 599.7 | 600.4 | 600.4 |
| 177.5° | 600.3 | 600.1 | 600.1 | 600.1 | 600.1 | 600.1 | 600.7 | 601.3 | 601.9 | 602.4 | 602.4 |
| 180° | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-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° | 13.0 | 12.6 | 12.2 | 12.7 | 12.2 | 12.6 | 13.0 | 12.1 | 12.0 | 12.8 | 12.2 |
| 90° | 13.4 | 13.5 | 13.8 | 13.9 | 13.8 | 13.5 | 13.4 | 13.1 | 12.7 | 12.1 | 11.5 |
| 92.5° | 20.3 | 20.4 | 20.5 | 20.6 | 20.5 | 20.4 | 20.3 | 20.1 | 19.9 | 19.6 | 19.2 |
| 95° | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.6 | 36.3 | 36.0 |
| 97.5° | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.4 | 57.0 | 56.7 |
| 100° | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.0 | 71.7 | 71.6 |
| 102.5° | 88.2 | 88.3 | 88.4 | 88.5 | 88.4 | 88.3 | 88.2 | 88.1 | 87.9 | 87.6 | 87.3 |
| 105° | 112.5 | 112.8 | 113.2 | 113.5 | 113.2 | 112.8 | 112.5 | 112.2 | 111.9 | 111.6 | 111.3 |
| 107.5° | 137.9 | 137.9 | 137.9 | 137.9 | 137.9 | 137.9 | 137.9 | 137.9 | 137.8 | 137.5 | 137.2 |
| 110° | 154.4 | 154.7 | 155.0 | 155.3 | 155.0 | 154.7 | 154.4 | 154.1 | 154.0 | 154.3 | 154.4 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.0 | 173.0 | 173.1 | 173.2 | 173.1 | 173.0 | 173.0 | 172.9 | 172.9 | 172.9 | 173.0 |
| 115° | 201.2 | 201.1 | 201.0 | 200.9 | 201.0 | 201.1 | 201.2 | 201.3 | 201.4 | 201.5 | 201.6 |
| 117.5° | 227.9 | 227.7 | 227.5 | 227.3 | 227.5 | 227.7 | 227.9 | 228.1 | 228.4 | 228.8 | 229.1 |
| 120° | 246.8 | 247.0 | 247.2 | 247.4 | 247.2 | 247.0 | 246.8 | 246.5 | 246.7 | 247.2 | 247.8 |
| 122.5° | 265.2 | 264.9 | 264.5 | 264.2 | 264.5 | 264.9 | 265.2 | 265.6 | 266.0 | 266.4 | 266.7 |
| 125° | 293.6 | 293.3 | 293.2 | 292.9 | 293.2 | 293.3 | 293.6 | 293.8 | 294.0 | 294.2 | 294.4 |
| 127.5° | 320.2 | 320.0 | 319.8 | 319.7 | 319.8 | 320.0 | 320.2 | 320.3 | 320.5 | 320.7 | 320.9 |
| 130° | 338.3 | 337.9 | 337.5 | 337.1 | 337.5 | 337.9 | 338.3 | 338.8 | 339.1 | 339.3 | 339.5 |
| 132.5° | 356.2 | 356.0 | 355.9 | 355.7 | 355.9 | 356.0 | 356.2 | 356.4 | 356.6 | 356.8 | 357.0 |
| 135° | 382.2 | 381.9 | 381.6 | 381.3 | 381.6 | 381.9 | 382.2 | 382.5 | 382.8 | 383.0 | 383.2 |
| 137.5° | 408.0 | 408.1 | 408.1 | 408.2 | 408.1 | 408.1 | 408.0 | 407.9 | 408.1 | 408.3 | 408.5 |
| 140° | 424.9 | 424.8 | 424.7 | 424.5 | 424.7 | 424.8 | 424.9 | 424.9 | 425.1 | 425.2 | 425.3 |
| 142.5° | 441.0 | 441.0 | 440.9 | 440.9 | 440.9 | 441.0 | 441.0 | 441.0 | 441.0 | 441.1 | 441.1 |
| 145° | 464.1 | 463.7 | 463.4 | 463.2 | 463.4 | 463.7 | 464.1 | 464.4 | 464.6 | 464.7 | 464.8 |
| 147.5° | 486.0 | 485.8 | 485.8 | 485.7 | 485.8 | 485.8 | 486.0 | 486.1 | 486.2 | 486.2 | 486.3 |
| 150° | 499.7 | 499.6 | 499.5 | 499.5 | 499.5 | 499.6 | 499.7 | 499.9 | 499.9 | 499.9 | 499.9 |
| 152.5° | 512.9 | 512.6 | 512.3 | 512.1 | 512.3 | 512.6 | 512.9 | 513.1 | 513.1 | 512.9 | 512.7 |
| 155° | 530.8 | 530.4 | 530.0 | 529.6 | 530.0 | 530.4 | 530.8 | 531.3 | 531.3 | 530.8 | 530.4 |
| 157.5° | 546.4 | 546.1 | 545.7 | 545.4 | 545.7 | 546.1 | 546.4 | 546.7 | 546.8 | 546.5 | 546.2 |
| 160° | 555.9 | 555.3 | 554.8 | 554.3 | 554.8 | 555.3 | 555.9 | 556.4 | 556.4 | 556.1 | 555.9 |
| 162.5° | 565.2 | 564.6 | 564.1 | 563.6 | 564.1 | 564.6 | 565.2 | 565.7 | 565.7 | 565.1 | 564.5 |
| 165° | 576.9 | 576.5 | 576.1 | 575.7 | 576.1 | 576.5 | 576.9 | 577.3 | 577.2 | 576.6 | 576.0 |
| 167.5° | 586.3 | 585.6 | 585.0 | 584.3 | 585.0 | 585.6 | 586.3 | 586.9 | 586.9 | 586.3 | 585.6 |
| 170° | 591.3 | 590.6 | 589.9 | 589.1 | 589.9 | 590.6 | 591.3 | 592.1 | 592.1 | 591.5 | 590.8 |
| 172.5° | 595.4 | 594.7 | 593.9 | 593.3 | 593.9 | 594.7 | 595.4 | 596.1 | 596.1 | 595.5 | 594.8 |
| 175° | 599.7 | 599.0 | 598.3 | 597.5 | 598.3 | 599.0 | 599.7 | 600.4 | 600.4 | 599.7 | 599.0 |
| 177.5° | 601.8 | 601.1 | 600.4 | 599.7 | 600.4 | 601.1 | 601.8 | 602.4 | 602.4 | 601.9 | 601.3 |
| 180° | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-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° | 12.1 | 12.4 | 12.2 | 11.7 | 12.4 | 12.2 | 12.5 | 12.2 | 13.4 | 14.5 | 15.6 |
| 90° | 10.8 | 10.2 | 9.4 | 8.6 | 7.7 | 6.9 | 6.0 | 4.8 | 3.7 | 2.5 | 1.4 |
| 92.5° | 18.8 | 18.4 | 17.9 | 17.3 | 16.7 | 16.1 | 15.2 | 13.9 | 12.6 | 11.3 | 9.9 |
| 95° | 35.6 | 35.3 | 34.7 | 33.9 | 33.2 | 32.4 | 31.6 | 30.7 | 29.8 | 28.9 | 27.9 |
| 97.5° | 56.3 | 55.9 | 55.0 | 54.2 | 53.3 | 52.5 | 51.7 | 51.0 | 50.2 | 49.5 | 48.8 |
| 100° | 71.3 | 71.2 | 70.2 | 69.3 | 68.3 | 67.4 | 66.8 | 66.4 | 66.0 | 65.6 | 65.1 |
| 102.5° | 87.1 | 86.7 | 85.9 | 85.0 | 84.2 | 83.4 | 82.8 | 82.7 | 82.5 | 82.3 | 82.2 |
| 105° | 111.0 | 110.6 | 110.2 | 109.8 | 109.4 | 109.0 | 108.8 | 108.7 | 108.5 | 108.4 | 108.4 |
| 107.5° | 136.9 | 136.6 | 136.6 | 136.5 | 136.4 | 136.4 | 136.3 | 136.2 | 136.0 | 135.9 | 135.7 |
| 110° | 154.7 | 154.8 | 155.0 | 155.1 | 155.2 | 155.2 | 155.2 | 155.0 | 154.8 | 154.6 | 154.4 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.0 | 173.1 | 173.3 | 173.4 | 173.7 | 173.8 | 173.9 | 173.8 | 173.8 | 173.7 | 173.7 |
| 115° | 201.7 | 201.8 | 202.0 | 202.2 | 202.4 | 202.6 | 202.8 | 202.8 | 202.8 | 202.8 | 202.8 |
| 117.5° | 229.4 | 229.8 | 229.9 | 230.1 | 230.2 | 230.4 | 230.4 | 230.3 | 230.2 | 230.2 | 230.1 |
| 120° | 248.3 | 248.7 | 249.1 | 249.4 | 249.7 | 250.1 | 250.0 | 249.6 | 249.2 | 248.7 | 248.3 |
| 122.5° | 267.0 | 267.4 | 267.5 | 267.7 | 267.8 | 268.0 | 267.9 | 267.7 | 267.6 | 267.4 | 267.3 |
| 125° | 294.6 | 294.8 | 294.9 | 295.1 | 295.1 | 295.2 | 295.3 | 295.3 | 295.3 | 295.3 | 295.3 |
| 127.5° | 321.1 | 321.3 | 321.5 | 321.6 | 321.8 | 322.0 | 321.9 | 321.6 | 321.3 | 321.0 | 320.7 |
| 130° | 339.7 | 339.9 | 339.9 | 339.9 | 339.9 | 339.9 | 339.7 | 339.5 | 339.2 | 338.8 | 338.5 |
| 132.5° | 357.2 | 357.4 | 357.5 | 357.6 | 357.7 | 357.8 | 357.7 | 357.4 | 357.2 | 357.0 | 356.8 |
| 135° | 383.4 | 383.6 | 383.6 | 383.6 | 383.6 | 383.6 | 383.4 | 382.7 | 382.0 | 381.5 | 380.8 |
| 137.5° | 408.9 | 409.1 | 409.0 | 408.8 | 408.6 | 408.5 | 408.2 | 407.9 | 407.6 | 407.3 | 407.1 |
| 140° | 425.3 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 | 425.3 | 425.2 | 424.9 | 424.8 | 424.5 |
| 142.5° | 441.1 | 441.1 | 441.2 | 441.2 | 441.3 | 441.4 | 441.4 | 441.2 | 441.0 | 440.8 | 440.5 |
| 145° | 464.9 | 465.0 | 464.9 | 464.8 | 464.7 | 464.6 | 464.3 | 463.9 | 463.5 | 463.1 | 462.7 |
| 147.5° | 486.4 | 486.5 | 486.6 | 486.7 | 486.7 | 486.8 | 486.7 | 486.1 | 485.6 | 485.1 | 484.6 |
| 150° | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.7 | 499.3 | 498.9 | 498.5 | 498.0 |
| 152.5° | 512.4 | 512.2 | 512.1 | 512.0 | 511.9 | 511.8 | 511.7 | 511.4 | 511.2 | 510.9 | 510.7 |
| 155° | 530.0 | 529.6 | 529.8 | 529.9 | 529.9 | 530.0 | 530.1 | 530.1 | 530.1 | 530.1 | 530.1 |
| 157.5° | 545.8 | 545.5 | 545.6 | 545.6 | 545.6 | 545.6 | 545.8 | 545.9 | 546.1 | 546.3 | 546.5 |
| 160° | 555.5 | 555.2 | 555.3 | 555.5 | 555.5 | 555.6 | 555.7 | 555.9 | 556.0 | 556.0 | 556.1 |
| 162.5° | 563.9 | 563.4 | 563.5 | 563.6 | 563.7 | 563.8 | 564.0 | 564.3 | 564.5 | 564.8 | 565.1 |
| 165° | 575.4 | 574.8 | 574.9 | 575.2 | 575.4 | 575.6 | 575.8 | 576.2 | 576.4 | 576.7 | 577.1 |
| 167.5° | 585.1 | 584.4 | 584.4 | 584.4 | 584.3 | 584.3 | 584.6 | 585.0 | 585.4 | 585.9 | 586.3 |
| 170° | 590.3 | 589.6 | 589.5 | 589.4 | 589.3 | 589.2 | 589.4 | 590.0 | 590.4 | 591.0 | 591.5 |
| 172.5° | 594.0 | 593.4 | 593.3 | 593.3 | 593.3 | 593.3 | 593.5 | 593.9 | 594.4 | 594.8 | 595.2 |
| 175° | 598.3 | 597.5 | 597.6 | 597.8 | 597.9 | 597.9 | 598.3 | 598.8 | 599.3 | 599.8 | 600.3 |
| 177.5° | 600.7 | 600.1 | 600.1 | 600.1 | 600.1 | 600.1 | 600.3 | 600.8 | 601.2 | 601.6 | 602.0 |
| 180° | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-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° | 15.4 | 14.3 | 12.7 | 12.5 | 12.6 | 11.9 | 12.6 | 12.7 | 12.9 | 12.6 | 13.5 |
| 90° | 2.5 | 3.7 | 4.8 | 6.0 | 6.9 | 7.7 | 8.6 | 9.4 | 10.2 | 10.8 | 11.5 |
| 92.5° | 11.3 | 12.6 | 13.9 | 15.2 | 16.1 | 16.7 | 17.3 | 17.9 | 18.4 | 18.8 | 19.2 |
| 95° | 28.9 | 29.8 | 30.7 | 31.6 | 32.4 | 33.2 | 33.9 | 34.7 | 35.3 | 35.6 | 36.0 |
| 97.5° | 49.5 | 50.2 | 51.0 | 51.7 | 52.5 | 53.3 | 54.2 | 55.0 | 55.9 | 56.3 | 56.7 |
| 100° | 65.6 | 66.0 | 66.4 | 66.8 | 67.4 | 68.3 | 69.3 | 70.2 | 71.2 | 71.3 | 71.6 |
| 102.5° | 82.3 | 82.5 | 82.7 | 82.8 | 83.4 | 84.2 | 85.0 | 85.9 | 86.7 | 87.1 | 87.3 |
| 105° | 108.4 | 108.5 | 108.7 | 108.8 | 109.0 | 109.4 | 109.8 | 110.2 | 110.6 | 111.0 | 111.3 |
| 107.5° | 135.9 | 136.0 | 136.2 | 136.3 | 136.4 | 136.4 | 136.5 | 136.6 | 136.6 | 136.9 | 137.2 |
| 110° | 154.6 | 154.8 | 155.0 | 155.2 | 155.2 | 155.2 | 155.1 | 155.0 | 154.8 | 154.7 | 154.4 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.7 | 173.8 | 173.8 | 173.9 | 173.8 | 173.7 | 173.4 | 173.3 | 173.1 | 173.0 | 173.0 |
| 115° | 202.8 | 202.8 | 202.8 | 202.8 | 202.6 | 202.4 | 202.2 | 202.0 | 201.8 | 201.7 | 201.6 |
| 117.5° | 230.2 | 230.2 | 230.3 | 230.4 | 230.4 | 230.2 | 230.1 | 229.9 | 229.8 | 229.4 | 229.1 |
| 120° | 248.7 | 249.2 | 249.6 | 250.0 | 250.1 | 249.7 | 249.4 | 249.1 | 248.7 | 248.3 | 247.8 |
| 122.5° | 267.4 | 267.6 | 267.7 | 267.9 | 268.0 | 267.8 | 267.7 | 267.5 | 267.4 | 267.0 | 266.7 |
| 125° | 295.3 | 295.3 | 295.3 | 295.3 | 295.2 | 295.1 | 295.1 | 294.9 | 294.8 | 294.6 | 294.4 |
| 127.5° | 321.0 | 321.3 | 321.6 | 321.9 | 322.0 | 321.8 | 321.6 | 321.5 | 321.3 | 321.1 | 320.9 |
| 130° | 338.8 | 339.2 | 339.5 | 339.7 | 339.9 | 339.9 | 339.9 | 339.9 | 339.9 | 339.7 | 339.5 |
| 132.5° | 357.0 | 357.2 | 357.4 | 357.7 | 357.8 | 357.7 | 357.6 | 357.5 | 357.4 | 357.2 | 357.0 |
| 135° | 381.5 | 382.0 | 382.7 | 383.4 | 383.6 | 383.6 | 383.6 | 383.6 | 383.6 | 383.4 | 383.2 |
| 137.5° | 407.3 | 407.6 | 407.9 | 408.2 | 408.5 | 408.6 | 408.8 | 409.0 | 409.1 | 408.9 | 408.5 |
| 140° | 424.8 | 424.9 | 425.2 | 425.3 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 | 425.3 | 425.3 |
| 142.5° | 440.8 | 441.0 | 441.2 | 441.4 | 441.4 | 441.3 | 441.2 | 441.2 | 441.1 | 441.1 | 441.1 |
| 145° | 463.1 | 463.5 | 463.9 | 464.3 | 464.6 | 464.7 | 464.8 | 464.9 | 465.0 | 464.9 | 464.8 |
| 147.5° | 485.1 | 485.6 | 486.1 | 486.7 | 486.8 | 486.7 | 486.7 | 486.6 | 486.5 | 486.4 | 486.3 |
| 150° | 498.5 | 498.9 | 499.3 | 499.7 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 | 499.9 |
| 152.5° | 510.9 | 511.2 | 511.4 | 511.7 | 511.8 | 511.9 | 512.0 | 512.1 | 512.2 | 512.4 | 512.7 |
| 155° | 530.1 | 530.1 | 530.1 | 530.1 | 530.0 | 529.9 | 529.9 | 529.8 | 529.6 | 530.0 | 530.4 |
| 157.5° | 546.3 | 546.1 | 545.9 | 545.8 | 545.6 | 545.6 | 545.6 | 545.6 | 545.5 | 545.8 | 546.2 |
| 160° | 556.0 | 556.0 | 555.9 | 555.7 | 555.6 | 555.5 | 555.5 | 555.3 | 555.2 | 555.5 | 555.9 |
| 162.5° | 564.8 | 564.5 | 564.3 | 564.0 | 563.8 | 563.7 | 563.6 | 563.5 | 563.4 | 563.9 | 564.5 |
| 165° | 576.7 | 576.4 | 576.2 | 575.8 | 575.6 | 575.4 | 575.2 | 574.9 | 574.8 | 575.4 | 576.0 |
| 167.5° | 585.9 | 585.4 | 585.0 | 584.6 | 584.3 | 584.3 | 584.4 | 584.4 | 584.4 | 585.1 | 585.6 |
| 170° | 591.0 | 590.4 | 590.0 | 589.4 | 589.2 | 589.3 | 589.4 | 589.5 | 589.6 | 590.3 | 590.8 |
| 172.5° | 594.8 | 594.4 | 593.9 | 593.5 | 593.3 | 593.3 | 593.3 | 593.3 | 593.4 | 594.0 | 594.8 |
| 175° | 599.8 | 599.3 | 598.8 | 598.3 | 597.9 | 597.9 | 597.8 | 597.6 | 597.5 | 598.3 | 599.0 |
| 177.5° | 601.6 | 601.2 | 600.8 | 600.3 | 600.1 | 600.1 | 600.1 | 600.1 | 600.1 | 600.7 | 601.3 |
| 180° | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-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° | 12.8 | 12.5 | 13.0 | 12.6 | 12.6 | 12.2 | 12.7 |
| 90° | 12.1 | 12.7 | 13.1 | 13.4 | 13.5 | 13.8 | 13.9 |
| 92.5° | 19.6 | 19.9 | 20.1 | 20.3 | 20.4 | 20.5 | 20.6 |
| 95° | 36.3 | 36.6 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 |
| 97.5° | 57.0 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| 100° | 71.7 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 102.5° | 87.6 | 87.9 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 |
| 105° | 111.6 | 111.9 | 112.2 | 112.5 | 112.8 | 113.2 | 113.5 |
| 107.5° | 137.5 | 137.8 | 137.9 | 137.9 | 137.9 | 137.9 | 137.9 |
| 110° | 154.3 | 154.0 | 154.1 | 154.4 | 154.7 | 155.0 | 155.3 |



TEST NUMBER: P332962-930

CATALOG NUMBER: S124RDIP-S1020D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.9 | 172.9 | 172.9 | 173.0 | 173.0 | 173.1 | 173.2 |
| 115° | 201.5 | 201.4 | 201.3 | 201.2 | 201.1 | 201.0 | 200.9 |
| 117.5° | 228.8 | 228.4 | 228.1 | 227.9 | 227.7 | 227.5 | 227.3 |
| 120° | 247.2 | 246.7 | 246.5 | 246.8 | 247.0 | 247.2 | 247.4 |
| 122.5° | 266.4 | 266.0 | 265.6 | 265.2 | 264.9 | 264.5 | 264.2 |
| 125° | 294.2 | 294.0 | 293.8 | 293.6 | 293.3 | 293.2 | 292.9 |
| 127.5° | 320.7 | 320.5 | 320.3 | 320.2 | 320.0 | 319.8 | 319.7 |
| 130° | 339.3 | 339.1 | 338.8 | 338.3 | 337.9 | 337.5 | 337.1 |
| 132.5° | 356.8 | 356.6 | 356.4 | 356.2 | 356.0 | 355.9 | 355.7 |
| 135° | 383.0 | 382.8 | 382.5 | 382.2 | 381.9 | 381.6 | 381.3 |
| 137.5° | 408.3 | 408.1 | 407.9 | 408.0 | 408.1 | 408.1 | 408.2 |
| 140° | 425.2 | 425.1 | 424.9 | 424.9 | 424.8 | 424.7 | 424.5 |
| 142.5° | 441.1 | 441.0 | 441.0 | 441.0 | 441.0 | 440.9 | 440.9 |
| 145° | 464.7 | 464.6 | 464.4 | 464.1 | 463.7 | 463.4 | 463.2 |
| 147.5° | 486.2 | 486.2 | 486.1 | 486.0 | 485.8 | 485.8 | 485.7 |
| 150° | 499.9 | 499.9 | 499.9 | 499.7 | 499.6 | 499.5 | 499.5 |
| 152.5° | 512.9 | 513.1 | 513.1 | 512.9 | 512.6 | 512.3 | 512.1 |
| 155° | 530.8 | 531.3 | 531.3 | 530.8 | 530.4 | 530.0 | 529.6 |
| 157.5° | 546.5 | 546.8 | 546.7 | 546.4 | 546.1 | 545.7 | 545.4 |
| 160° | 556.1 | 556.4 | 556.4 | 555.9 | 555.3 | 554.8 | 554.3 |
| 162.5° | 565.1 | 565.7 | 565.7 | 565.2 | 564.6 | 564.1 | 563.6 |
| 165° | 576.6 | 577.2 | 577.3 | 576.9 | 576.5 | 576.1 | 575.7 |
| 167.5° | 586.3 | 586.9 | 586.9 | 586.3 | 585.6 | 585.0 | 584.3 |
| 170° | 591.5 | 592.1 | 592.1 | 591.3 | 590.6 | 589.9 | 589.1 |
| 172.5° | 595.5 | 596.1 | 596.1 | 595.4 | 594.7 | 593.9 | 593.3 |
| 175° | 599.7 | 600.4 | 600.4 | 599.7 | 599.0 | 598.3 | 597.5 |
| 177.5° | 601.9 | 602.4 | 602.4 | 601.8 | 601.1 | 600.4 | 599.7 |
| 180° | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 |

(END OF REPORT)