

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: P332979-930

Luminaire Tested: **S124RDIP-S1020D1205U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332979-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-S1020D1205U930-4F0-1E-UDD-A  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1205 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

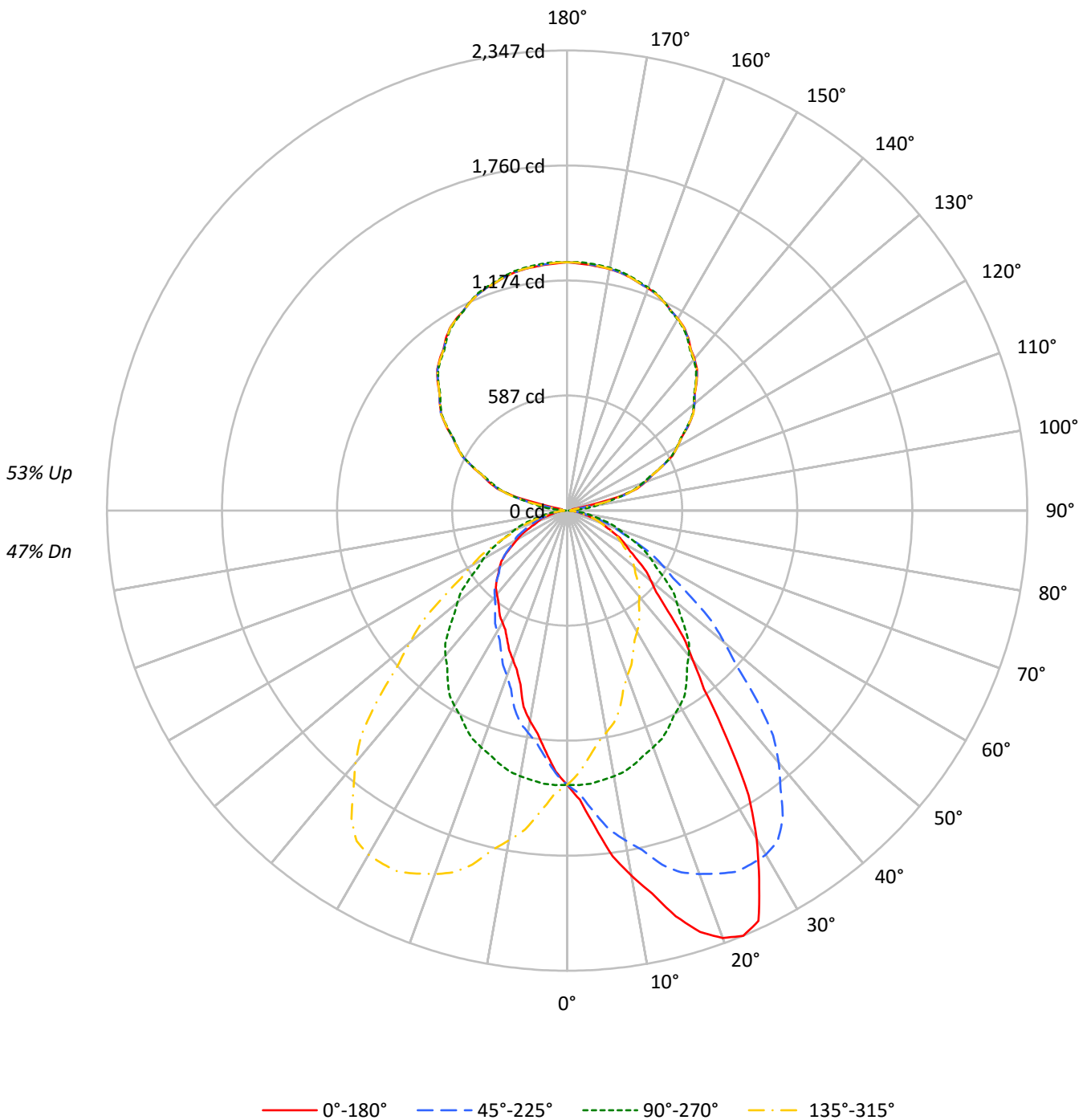
Lumens per Lamp: N/A  
Luminaire Lumens: 7457.7 lumens  
Efficiency: N/A  
Efficacy: 114.0 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 65.4  
Input Voltage (V): 120  
Input Current (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: P332979-930

CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P332979-930

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**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   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 | 47 |
| 1   | 98  | 94  | 90  | 86  | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 |
| 2   | 89  | 82  | 76  | 71  | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 53 | 50 | 48 | 43 | 41 | 40 | 35 |
| 3   | 82  | 73  | 65  | 60  | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 47 | 44 | 41 | 38 | 36 | 34 | 30 |
| 4   | 75  | 64  | 57  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 42 | 39 | 36 | 35 | 32 | 30 | 26 |
| 5   | 69  | 58  | 50  | 44  | 63 | 53 | 46 | 41 | 46 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 | 23 |
| 6   | 64  | 52  | 44  | 38  | 58 | 48 | 41 | 36 | 41 | 36 | 32 | 35 | 31 | 27 | 29 | 26 | 23 | 20 |
| 7   | 59  | 47  | 39  | 34  | 54 | 44 | 37 | 32 | 37 | 32 | 28 | 32 | 27 | 24 | 26 | 23 | 21 | 18 |
| 8   | 55  | 43  | 35  | 30  | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |
| 9   | 51  | 39  | 32  | 27  | 47 | 36 | 30 | 25 | 31 | 26 | 22 | 27 | 23 | 20 | 22 | 19 | 17 | 15 |
| 10  | 47  | 36  | 29  | 24  | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |

**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  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 135.5  | 1.8       |
| 10°-20°   | 408.9  | 5.5       |
| 20°-30°   | 639.5  | 8.6       |
| 30°-40°   | 710.9  | 9.5       |
| 40°-50°   | 630.7  | 8.5       |
| 50°-60°   | 491.5  | 6.6       |
| 60°-70°   | 321.8  | 4.3       |
| 70°-80°   | 158.2  | 2.1       |
| 80°-90°   | 42.7   | 0.6       |
| 90°-100°  | 43.3   | 0.6       |
| 100°-110° | 276.2  | 3.7       |
| 110°-120° | 528.4  | 7.1       |
| 120°-130° | 670.8  | 9.0       |
| 130°-140° | 717.7  | 9.6       |
| 140°-150° | 671.1  | 9.0       |
| 150°-160° | 541.2  | 7.3       |
| 160°-170° | 349.1  | 4.7       |
| 170°-180° | 120.3  | 1.6       |
| 0°-30°    | 1183.9 | 15.9      |
| 0°-40°    | 1894.8 | 25.4      |
| 0°-60°    | 3017.0 | 40.5      |
| 0°-90°    | 3539.7 | 47.5      |
| 90°-120°  | 847.9  | 11.4      |
| 90°-150°  | 2907.4 | 39.0      |
| 90°-180°  | 3918.0 | 52.5      |
| 0°-180°   | 7457.7 | 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   | 33   |
| 90°  | 28   | 3    | 28   | 3    | 28   | 14   |
| 95°  | 28   | 52   | 28   | 52   | 28   | 22   |
| 105° | 270  | 285  | 270  | 285  | 270  | 236  |
| 115° | 536  | 532  | 536  | 532  | 536  | 531  |
| 125° | 754  | 748  | 754  | 748  | 754  | 672  |
| 135° | 935  | 928  | 935  | 928  | 935  | 720  |
| 145° | 1076 | 1070 | 1076 | 1070 | 1076 | 673  |
| 155° | 1173 | 1174 | 1173 | 1174 | 1173 | 541  |
| 165° | 1232 | 1238 | 1232 | 1238 | 1232 | 348  |
| 175° | 1259 | 1267 | 1259 | 1267 | 1259 | 120  |
| 180° | 1267 | 1267 | 1267 | 1267 | 1267 |      |



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CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

**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°  | 15.6   | 15.1   | 15.4   | 15.3   | 15.7   | 15.1   | 15.3   | 16.0   | 14.8   | 15.0   | 14.7   |
| 90°    | 28.5   | 28.0   | 27.6   | 27.1   | 26.7   | 25.9   | 24.6   | 23.4   | 22.1   | 20.9   | 19.2   |
| 92.5°  | 26.2   | 26.1   | 26.0   | 25.9   | 25.8   | 25.1   | 23.9   | 22.6   | 21.4   | 20.1   | 18.4   |
| 95°    | 27.5   | 27.2   | 27.1   | 26.8   | 26.7   | 25.9   | 24.6   | 23.4   | 22.1   | 20.9   | 20.6   |
| 97.5°  | 26.5   | 26.3   | 26.1   | 25.9   | 25.7   | 25.5   | 25.4   | 25.3   | 25.1   | 25.0   | 48.5   |
| 100°   | 26.5   | 26.3   | 26.1   | 25.9   | 25.7   | 27.4   | 31.0   | 34.5   | 38.1   | 41.7   | 70.8   |
| 102.5° | 27.3   | 27.2   | 27.2   | 27.1   | 27.1   | 46.4   | 85.0   | 123.6  | 162.2  | 200.8  | 204.6  |
| 105°   | 270.0  | 277.6  | 285.1  | 292.7  | 300.3  | 303.1  | 301.3  | 299.4  | 297.5  | 295.5  | 294.5  |
| 107.5° | 376.3  | 375.4  | 374.7  | 373.9  | 373.1  | 372.2  | 371.3  | 370.4  | 369.4  | 368.5  | 367.0  |
| 110°   | 422.5  | 421.9  | 421.3  | 420.6  | 420.0  | 419.5  | 419.1  | 418.7  | 418.2  | 417.8  | 416.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 468.7  | 468.0  | 467.2  | 466.4  | 465.5  | 465.2  | 465.3  | 465.4  | 465.5  | 465.5  | 465.0  |
| 115°   | 536.2  | 536.2  | 536.2  | 536.2  | 536.2  | 536.0  | 535.6  | 535.2  | 534.8  | 534.3  | 534.5  |
| 117.5° | 604.8  | 604.9  | 605.0  | 605.0  | 605.1  | 605.2  | 605.3  | 605.4  | 605.4  | 605.5  | 605.1  |
| 120°   | 648.0  | 648.4  | 648.8  | 649.2  | 649.6  | 649.6  | 649.2  | 648.8  | 648.4  | 648.0  | 648.2  |
| 122.5° | 690.4  | 690.8  | 691.3  | 691.7  | 692.1  | 692.2  | 691.9  | 691.7  | 691.5  | 691.2  | 690.9  |
| 125°   | 754.1  | 753.9  | 753.7  | 753.4  | 753.3  | 752.8  | 752.2  | 751.5  | 750.9  | 750.3  | 750.7  |
| 127.5° | 810.0  | 810.2  | 810.3  | 810.5  | 810.7  | 810.8  | 810.9  | 811.1  | 811.1  | 811.3  | 810.3  |
| 130°   | 847.8  | 847.8  | 847.8  | 847.8  | 847.8  | 847.7  | 847.6  | 847.3  | 847.1  | 846.9  | 846.3  |
| 132.5° | 882.7  | 882.9  | 883.1  | 883.2  | 883.4  | 883.4  | 883.2  | 883.0  | 882.7  | 882.6  | 881.7  |
| 135°   | 935.0  | 934.6  | 934.2  | 933.8  | 933.4  | 932.9  | 932.5  | 932.1  | 931.6  | 931.2  | 930.4  |
| 137.5° | 979.7  | 979.8  | 980.0  | 980.2  | 980.2  | 980.1  | 979.6  | 979.2  | 978.7  | 978.2  | 977.3  |
| 140°   | 1010.8 | 1010.6 | 1010.4 | 1010.2 | 1010.0 | 1009.6 | 1008.9 | 1008.3 | 1007.6 | 1007.1 | 1006.6 |
| 142.5° | 1036.6 | 1036.6 | 1036.5 | 1036.5 | 1036.4 | 1036.2 | 1035.7 | 1035.3 | 1034.8 | 1034.3 | 1034.0 |
| 145°   | 1076.2 | 1075.8 | 1075.3 | 1074.9 | 1074.5 | 1074.2 | 1074.0 | 1073.7 | 1073.6 | 1073.3 | 1073.3 |
| 147.5° | 1109.0 | 1108.7 | 1108.6 | 1108.3 | 1108.1 | 1107.9 | 1107.7 | 1107.6 | 1107.4 | 1107.3 | 1107.4 |
| 150°   | 1130.2 | 1130.0 | 1129.8 | 1129.5 | 1129.4 | 1129.2 | 1129.2 | 1129.2 | 1129.2 | 1129.2 | 1129.4 |
| 152.5° | 1148.3 | 1148.5 | 1148.6 | 1148.8 | 1148.8 | 1148.8 | 1148.4 | 1148.1 | 1147.8 | 1147.5 | 1147.8 |
| 155°   | 1172.8 | 1173.5 | 1174.0 | 1174.7 | 1175.3 | 1175.3 | 1174.4 | 1173.5 | 1172.7 | 1171.8 | 1172.5 |
| 157.5° | 1193.3 | 1194.3 | 1195.5 | 1196.5 | 1197.7 | 1197.7 | 1196.5 | 1195.5 | 1194.3 | 1193.3 | 1194.0 |
| 160°   | 1206.9 | 1208.2 | 1209.4 | 1210.7 | 1211.9 | 1211.9 | 1210.7 | 1209.4 | 1208.2 | 1206.9 | 1207.1 |
| 162.5° | 1217.5 | 1219.0 | 1220.4 | 1221.8 | 1223.3 | 1223.4 | 1222.1 | 1220.8 | 1219.5 | 1218.3 | 1218.5 |
| 165°   | 1232.5 | 1234.4 | 1236.2 | 1238.2 | 1240.1 | 1240.2 | 1238.5 | 1236.8 | 1235.1 | 1233.5 | 1233.5 |
| 167.5° | 1243.7 | 1245.8 | 1247.9 | 1250.0 | 1252.1 | 1252.2 | 1250.3 | 1248.5 | 1246.7 | 1244.8 | 1245.0 |
| 170°   | 1250.5 | 1252.6 | 1254.7 | 1256.8 | 1258.9 | 1259.1 | 1257.4 | 1255.7 | 1254.1 | 1252.4 | 1252.1 |
| 172.5° | 1254.3 | 1256.5 | 1258.8 | 1261.1 | 1263.4 | 1263.6 | 1262.0 | 1260.3 | 1258.6 | 1256.9 | 1256.7 |
| 175°   | 1259.0 | 1261.5 | 1264.0 | 1266.6 | 1269.1 | 1269.4 | 1267.5 | 1265.7 | 1263.7 | 1261.8 | 1261.7 |
| 177.5° | 1262.1 | 1264.0 | 1266.1 | 1268.1 | 1270.2 | 1270.5 | 1269.1 | 1267.8 | 1266.4 | 1265.1 | 1264.8 |
| 180°   | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 |



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CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

**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°  | 14.3   | 13.5   | 14.1   | 13.7   | 13.7   | 15.0   | 15.9   | 15.9   | 15.0   | 14.1   | 13.2   |
| 90°    | 17.4   | 15.8   | 14.1   | 12.1   | 9.8    | 7.5    | 5.1    | 2.9    | 5.1    | 7.5    | 9.8    |
| 92.5°  | 16.7   | 15.0   | 13.4   | 12.5   | 12.3   | 12.2   | 12.1   | 11.9   | 12.1   | 12.2   | 12.3   |
| 95°    | 20.4   | 20.2   | 20.0   | 23.5   | 30.7   | 37.7   | 44.9   | 52.1   | 44.9   | 37.7   | 30.7   |
| 97.5°  | 72.0   | 95.5   | 119.0  | 128.5  | 124.0  | 119.6  | 115.1  | 110.6  | 115.1  | 119.6  | 124.0  |
| 100°   | 99.8   | 128.8  | 157.9  | 170.6  | 166.7  | 163.0  | 159.1  | 155.4  | 159.1  | 163.0  | 166.7  |
| 102.5° | 208.4  | 212.2  | 216.0  | 216.5  | 213.7  | 210.9  | 208.1  | 205.4  | 208.1  | 210.9  | 213.7  |
| 105°   | 293.4  | 292.4  | 291.4  | 290.2  | 288.9  | 287.6  | 286.4  | 285.1  | 286.4  | 287.6  | 288.9  |
| 107.5° | 365.7  | 364.2  | 362.8  | 361.7  | 361.1  | 360.5  | 359.9  | 359.2  | 359.9  | 360.5  | 361.1  |
| 110°   | 415.2  | 414.0  | 412.7  | 411.8  | 411.2  | 410.5  | 409.9  | 409.3  | 409.9  | 410.5  | 411.2  |





TEST NUMBER: P332979-930

CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 464.3  | 463.7  | 463.2  | 462.3  | 461.1  | 460.0  | 458.9  | 457.8  | 458.9  | 460.0  | 461.1  |
| 115°   | 534.8  | 534.9  | 535.2  | 534.9  | 534.3  | 533.7  | 533.0  | 532.4  | 533.0  | 533.7  | 534.3  |
| 117.5° | 604.6  | 604.1  | 603.6  | 603.0  | 602.2  | 601.4  | 600.5  | 599.7  | 600.5  | 601.4  | 602.2  |
| 120°   | 648.4  | 648.7  | 648.8  | 648.5  | 647.7  | 646.9  | 646.0  | 645.1  | 646.0  | 646.9  | 647.7  |
| 122.5° | 690.6  | 690.3  | 690.0  | 689.6  | 689.1  | 688.6  | 688.1  | 687.5  | 688.1  | 688.6  | 689.1  |
| 125°   | 751.1  | 751.5  | 752.0  | 751.8  | 750.9  | 750.1  | 749.3  | 748.4  | 749.3  | 750.1  | 750.9  |
| 127.5° | 809.3  | 808.4  | 807.4  | 806.8  | 806.7  | 806.4  | 806.2  | 806.0  | 806.2  | 806.4  | 806.7  |
| 130°   | 845.6  | 845.1  | 844.4  | 844.0  | 843.8  | 843.6  | 843.3  | 843.1  | 843.3  | 843.6  | 843.8  |
| 132.5° | 880.9  | 880.1  | 879.4  | 878.7  | 878.4  | 878.0  | 877.6  | 877.3  | 877.6  | 878.0  | 878.4  |
| 135°   | 929.5  | 928.7  | 927.9  | 927.6  | 927.7  | 928.0  | 928.2  | 928.4  | 928.2  | 928.0  | 927.7  |
| 137.5° | 976.4  | 975.4  | 974.5  | 974.0  | 974.0  | 973.9  | 973.8  | 973.7  | 973.8  | 973.9  | 974.0  |
| 140°   | 1006.2 | 1005.8 | 1005.3 | 1004.9 | 1004.5 | 1004.0 | 1003.6 | 1003.2 | 1003.6 | 1004.0 | 1004.5 |
| 142.5° | 1033.8 | 1033.6 | 1033.3 | 1032.8 | 1032.0 | 1031.3 | 1030.5 | 1029.7 | 1030.5 | 1031.3 | 1032.0 |
| 145°   | 1073.3 | 1073.3 | 1073.3 | 1073.0 | 1072.4 | 1071.8 | 1071.1 | 1070.5 | 1071.1 | 1071.8 | 1072.4 |
| 147.5° | 1107.7 | 1107.9 | 1108.1 | 1107.6 | 1106.4 | 1105.2 | 1104.1 | 1102.9 | 1104.1 | 1105.2 | 1106.4 |
| 150°   | 1129.7 | 1129.8 | 1130.1 | 1129.8 | 1128.9 | 1128.0 | 1127.2 | 1126.4 | 1127.2 | 1128.0 | 1128.9 |
| 152.5° | 1148.2 | 1148.6 | 1148.9 | 1148.8 | 1148.1 | 1147.5 | 1146.8 | 1146.1 | 1146.8 | 1147.5 | 1148.1 |
| 155°   | 1173.1 | 1173.8 | 1174.4 | 1174.6 | 1174.4 | 1174.2 | 1173.9 | 1173.8 | 1173.9 | 1174.2 | 1174.4 |
| 157.5° | 1194.7 | 1195.4 | 1196.1 | 1196.5 | 1196.7 | 1196.8 | 1196.9 | 1197.0 | 1196.9 | 1196.8 | 1196.7 |
| 160°   | 1207.3 | 1207.5 | 1207.8 | 1208.2 | 1208.8 | 1209.4 | 1210.1 | 1210.7 | 1210.1 | 1209.4 | 1208.8 |
| 162.5° | 1218.7 | 1218.9 | 1219.1 | 1219.6 | 1220.4 | 1221.2 | 1222.1 | 1222.8 | 1222.1 | 1221.2 | 1220.4 |
| 165°   | 1233.5 | 1233.5 | 1233.5 | 1234.0 | 1235.0 | 1236.1 | 1237.1 | 1238.2 | 1237.1 | 1236.1 | 1235.0 |
| 167.5° | 1245.0 | 1245.2 | 1245.3 | 1245.9 | 1247.0 | 1248.1 | 1249.2 | 1250.3 | 1249.2 | 1248.1 | 1247.0 |
| 170°   | 1252.0 | 1251.7 | 1251.6 | 1252.1 | 1253.4 | 1254.6 | 1255.9 | 1257.1 | 1255.9 | 1254.6 | 1253.4 |
| 172.5° | 1256.5 | 1256.3 | 1256.1 | 1256.6 | 1257.8 | 1259.1 | 1260.4 | 1261.7 | 1260.4 | 1259.1 | 1257.8 |
| 175°   | 1261.4 | 1261.2 | 1261.0 | 1261.5 | 1262.8 | 1264.0 | 1265.3 | 1266.6 | 1265.3 | 1264.0 | 1262.8 |
| 177.5° | 1264.4 | 1264.0 | 1263.7 | 1264.1 | 1265.3 | 1266.5 | 1267.7 | 1268.9 | 1267.7 | 1266.5 | 1265.3 |
| 180°   | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 |



TEST NUMBER: P332979-930

CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

**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°  | 13.7   | 13.6   | 13.9   | 13.5   | 14.2   | 14.5   | 14.3   | 14.6   | 15.3   | 14.7   | 14.8   |
| 90°    | 12.1   | 14.1   | 15.8   | 17.4   | 19.2   | 20.9   | 22.1   | 23.4   | 24.6   | 25.9   | 26.7   |
| 92.5°  | 12.5   | 13.4   | 15.0   | 16.7   | 18.4   | 20.1   | 21.4   | 22.6   | 23.9   | 25.1   | 25.8   |
| 95°    | 23.5   | 20.0   | 20.2   | 20.4   | 20.6   | 20.9   | 22.1   | 23.4   | 24.6   | 25.9   | 26.7   |
| 97.5°  | 128.5  | 119.0  | 95.5   | 72.0   | 48.5   | 25.0   | 25.1   | 25.3   | 25.4   | 25.5   | 25.7   |
| 100°   | 170.6  | 157.9  | 128.8  | 99.8   | 70.8   | 41.7   | 38.1   | 34.5   | 31.0   | 27.4   | 25.7   |
| 102.5° | 216.5  | 216.0  | 212.2  | 208.4  | 204.6  | 200.8  | 162.2  | 123.6  | 85.0   | 46.4   | 27.1   |
| 105°   | 290.2  | 291.4  | 292.4  | 293.4  | 294.5  | 295.5  | 297.5  | 299.4  | 301.3  | 303.1  | 300.3  |
| 107.5° | 361.7  | 362.8  | 364.2  | 365.7  | 367.0  | 368.5  | 369.4  | 370.4  | 371.3  | 372.2  | 373.1  |
| 110°   | 411.8  | 412.7  | 414.0  | 415.2  | 416.5  | 417.8  | 418.2  | 418.7  | 419.1  | 419.5  | 420.0  |



TEST NUMBER: P332979-930

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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 462.3  | 463.2  | 463.7  | 464.3  | 465.0  | 465.5  | 465.5  | 465.4  | 465.3  | 465.2  | 465.5  |
| 115°   | 534.9  | 535.2  | 534.9  | 534.8  | 534.5  | 534.3  | 534.8  | 535.2  | 535.6  | 536.0  | 536.2  |
| 117.5° | 603.0  | 603.6  | 604.1  | 604.6  | 605.1  | 605.5  | 605.4  | 605.4  | 605.3  | 605.2  | 605.1  |
| 120°   | 648.5  | 648.8  | 648.7  | 648.4  | 648.2  | 648.0  | 648.4  | 648.8  | 649.2  | 649.6  | 649.6  |
| 122.5° | 689.6  | 690.0  | 690.3  | 690.6  | 690.9  | 691.2  | 691.5  | 691.7  | 691.9  | 692.2  | 692.1  |
| 125°   | 751.8  | 752.0  | 751.5  | 751.1  | 750.7  | 750.3  | 750.9  | 751.5  | 752.2  | 752.8  | 753.3  |
| 127.5° | 806.8  | 807.4  | 808.4  | 809.3  | 810.3  | 811.3  | 811.1  | 811.1  | 810.9  | 810.8  | 810.7  |
| 130°   | 844.0  | 844.4  | 845.1  | 845.6  | 846.3  | 846.9  | 847.1  | 847.3  | 847.6  | 847.7  | 847.8  |
| 132.5° | 878.7  | 879.4  | 880.1  | 880.9  | 881.7  | 882.6  | 882.7  | 883.0  | 883.2  | 883.4  | 883.4  |
| 135°   | 927.6  | 927.9  | 928.7  | 929.5  | 930.4  | 931.2  | 931.6  | 932.1  | 932.5  | 932.9  | 933.4  |
| 137.5° | 974.0  | 974.5  | 975.4  | 976.4  | 977.3  | 978.2  | 978.7  | 979.2  | 979.6  | 980.1  | 980.2  |
| 140°   | 1004.9 | 1005.3 | 1005.8 | 1006.2 | 1006.6 | 1007.1 | 1007.6 | 1008.3 | 1008.9 | 1009.6 | 1010.0 |
| 142.5° | 1032.8 | 1033.3 | 1033.6 | 1033.8 | 1034.0 | 1034.3 | 1034.8 | 1035.3 | 1035.7 | 1036.2 | 1036.4 |
| 145°   | 1073.0 | 1073.3 | 1073.3 | 1073.3 | 1073.3 | 1073.3 | 1073.6 | 1073.7 | 1074.0 | 1074.2 | 1074.5 |
| 147.5° | 1107.6 | 1108.1 | 1107.9 | 1107.7 | 1107.4 | 1107.3 | 1107.4 | 1107.6 | 1107.7 | 1107.9 | 1108.1 |
| 150°   | 1129.8 | 1130.1 | 1129.8 | 1129.7 | 1129.4 | 1129.2 | 1129.2 | 1129.2 | 1129.2 | 1129.2 | 1129.4 |
| 152.5° | 1148.8 | 1148.9 | 1148.6 | 1148.2 | 1147.8 | 1147.5 | 1147.8 | 1148.1 | 1148.4 | 1148.8 | 1148.8 |
| 155°   | 1174.6 | 1174.4 | 1173.8 | 1173.1 | 1172.5 | 1171.8 | 1172.7 | 1173.5 | 1174.4 | 1175.3 | 1175.3 |
| 157.5° | 1196.5 | 1196.1 | 1195.4 | 1194.7 | 1194.0 | 1193.3 | 1194.3 | 1195.5 | 1196.5 | 1197.7 | 1197.7 |
| 160°   | 1208.2 | 1207.8 | 1207.5 | 1207.3 | 1207.1 | 1206.9 | 1208.2 | 1209.4 | 1210.7 | 1211.9 | 1211.9 |
| 162.5° | 1219.6 | 1219.1 | 1218.9 | 1218.7 | 1218.5 | 1218.3 | 1219.5 | 1220.8 | 1222.1 | 1223.4 | 1223.3 |
| 165°   | 1234.0 | 1233.5 | 1233.5 | 1233.5 | 1233.5 | 1233.5 | 1235.1 | 1236.8 | 1238.5 | 1240.2 | 1240.1 |
| 167.5° | 1245.9 | 1245.3 | 1245.2 | 1245.0 | 1245.0 | 1244.8 | 1246.7 | 1248.5 | 1250.3 | 1252.2 | 1252.1 |
| 170°   | 1252.1 | 1251.6 | 1251.7 | 1252.0 | 1252.1 | 1252.4 | 1254.1 | 1255.7 | 1257.4 | 1259.1 | 1258.9 |
| 172.5° | 1256.6 | 1256.1 | 1256.3 | 1256.5 | 1256.7 | 1256.9 | 1258.6 | 1260.3 | 1262.0 | 1263.6 | 1263.4 |
| 175°   | 1261.5 | 1261.0 | 1261.2 | 1261.4 | 1261.7 | 1261.8 | 1263.7 | 1265.7 | 1267.5 | 1269.4 | 1269.1 |
| 177.5° | 1264.1 | 1263.7 | 1264.0 | 1264.4 | 1264.8 | 1265.1 | 1266.4 | 1267.8 | 1269.1 | 1270.5 | 1270.2 |
| 180°   | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 |



TEST NUMBER: P332979-930

CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

**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°  | 15.8   | 15.4   | 15.1   | 15.6   | 15.1   | 15.4   | 15.8   | 14.8   | 14.7   | 15.3   | 14.6   |
| 90°    | 27.1   | 27.6   | 28.0   | 28.5   | 28.0   | 27.6   | 27.1   | 26.7   | 25.9   | 24.6   | 23.4   |
| 92.5°  | 25.9   | 26.0   | 26.1   | 26.2   | 26.1   | 26.0   | 25.9   | 25.8   | 25.1   | 23.9   | 22.6   |
| 95°    | 26.8   | 27.1   | 27.2   | 27.5   | 27.2   | 27.1   | 26.8   | 26.7   | 25.9   | 24.6   | 23.4   |
| 97.5°  | 25.9   | 26.1   | 26.3   | 26.5   | 26.3   | 26.1   | 25.9   | 25.7   | 25.5   | 25.4   | 25.3   |
| 100°   | 25.9   | 26.1   | 26.3   | 26.5   | 26.3   | 26.1   | 25.9   | 25.7   | 27.4   | 31.0   | 34.5   |
| 102.5° | 27.1   | 27.2   | 27.2   | 27.3   | 27.2   | 27.2   | 27.1   | 27.1   | 46.4   | 85.0   | 123.6  |
| 105°   | 292.7  | 285.1  | 277.6  | 270.0  | 277.6  | 285.1  | 292.7  | 300.3  | 303.1  | 301.3  | 299.4  |
| 107.5° | 373.9  | 374.7  | 375.4  | 376.3  | 375.4  | 374.7  | 373.9  | 373.1  | 372.2  | 371.3  | 370.4  |
| 110°   | 420.6  | 421.3  | 421.9  | 422.5  | 421.9  | 421.3  | 420.6  | 420.0  | 419.5  | 419.1  | 418.7  |



TEST NUMBER: P332979-930

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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 466.4  | 467.2  | 468.0  | 468.7  | 468.0  | 467.2  | 466.4  | 465.5  | 465.2  | 465.3  | 465.4  |
| 115°   | 536.2  | 536.2  | 536.2  | 536.2  | 536.2  | 536.2  | 536.2  | 536.2  | 536.0  | 535.6  | 535.2  |
| 117.5° | 605.0  | 605.0  | 604.9  | 604.8  | 604.9  | 605.0  | 605.0  | 605.1  | 605.2  | 605.3  | 605.4  |
| 120°   | 649.2  | 648.8  | 648.4  | 648.0  | 648.4  | 648.8  | 649.2  | 649.6  | 649.6  | 649.2  | 648.8  |
| 122.5° | 691.7  | 691.3  | 690.8  | 690.4  | 690.8  | 691.3  | 691.7  | 692.1  | 692.2  | 691.9  | 691.7  |
| 125°   | 753.4  | 753.7  | 753.9  | 754.1  | 753.9  | 753.7  | 753.4  | 753.3  | 752.8  | 752.2  | 751.5  |
| 127.5° | 810.5  | 810.3  | 810.2  | 810.0  | 810.2  | 810.3  | 810.5  | 810.7  | 810.8  | 810.9  | 811.1  |
| 130°   | 847.8  | 847.8  | 847.8  | 847.8  | 847.8  | 847.8  | 847.8  | 847.8  | 847.7  | 847.6  | 847.3  |
| 132.5° | 883.2  | 883.1  | 882.9  | 882.7  | 882.9  | 883.1  | 883.2  | 883.4  | 883.4  | 883.2  | 883.0  |
| 135°   | 933.8  | 934.2  | 934.6  | 935.0  | 934.6  | 934.2  | 933.8  | 933.4  | 932.9  | 932.5  | 932.1  |
| 137.5° | 980.2  | 980.0  | 979.8  | 979.7  | 979.8  | 980.0  | 980.2  | 980.2  | 980.1  | 979.6  | 979.2  |
| 140°   | 1010.2 | 1010.4 | 1010.6 | 1010.8 | 1010.6 | 1010.4 | 1010.2 | 1010.0 | 1009.6 | 1008.9 | 1008.3 |
| 142.5° | 1036.5 | 1036.5 | 1036.6 | 1036.6 | 1036.6 | 1036.5 | 1036.5 | 1036.4 | 1036.2 | 1035.7 | 1035.3 |
| 145°   | 1074.9 | 1075.3 | 1075.8 | 1076.2 | 1075.8 | 1075.3 | 1074.9 | 1074.5 | 1074.2 | 1074.0 | 1073.7 |
| 147.5° | 1108.3 | 1108.6 | 1108.7 | 1109.0 | 1108.7 | 1108.6 | 1108.3 | 1108.1 | 1107.9 | 1107.7 | 1107.6 |
| 150°   | 1129.5 | 1129.8 | 1130.0 | 1130.2 | 1130.0 | 1129.8 | 1129.5 | 1129.4 | 1129.2 | 1129.2 | 1129.2 |
| 152.5° | 1148.8 | 1148.6 | 1148.5 | 1148.3 | 1148.5 | 1148.6 | 1148.8 | 1148.8 | 1148.8 | 1148.4 | 1148.1 |
| 155°   | 1174.7 | 1174.0 | 1173.5 | 1172.8 | 1173.5 | 1174.0 | 1174.7 | 1175.3 | 1175.3 | 1174.4 | 1173.5 |
| 157.5° | 1196.5 | 1195.5 | 1194.3 | 1193.3 | 1194.3 | 1195.5 | 1196.5 | 1197.7 | 1197.7 | 1196.5 | 1195.5 |
| 160°   | 1210.7 | 1209.4 | 1208.2 | 1206.9 | 1208.2 | 1209.4 | 1210.7 | 1211.9 | 1211.9 | 1210.7 | 1209.4 |
| 162.5° | 1221.8 | 1220.4 | 1219.0 | 1217.5 | 1219.0 | 1220.4 | 1221.8 | 1223.3 | 1223.4 | 1222.1 | 1220.8 |
| 165°   | 1238.2 | 1236.2 | 1234.4 | 1232.5 | 1234.4 | 1236.2 | 1238.2 | 1240.1 | 1240.2 | 1238.5 | 1236.8 |
| 167.5° | 1250.0 | 1247.9 | 1245.8 | 1243.7 | 1245.8 | 1247.9 | 1250.0 | 1252.1 | 1252.2 | 1250.3 | 1248.5 |
| 170°   | 1256.8 | 1254.7 | 1252.6 | 1250.5 | 1252.6 | 1254.7 | 1256.8 | 1258.9 | 1259.1 | 1257.4 | 1255.7 |
| 172.5° | 1261.1 | 1258.8 | 1256.5 | 1254.3 | 1256.5 | 1258.8 | 1261.1 | 1263.4 | 1263.6 | 1262.0 | 1260.3 |
| 175°   | 1266.6 | 1264.0 | 1261.5 | 1259.0 | 1261.5 | 1264.0 | 1266.6 | 1269.1 | 1269.4 | 1267.5 | 1265.7 |
| 177.5° | 1268.1 | 1266.1 | 1264.0 | 1262.1 | 1264.0 | 1266.1 | 1268.1 | 1270.2 | 1270.5 | 1269.1 | 1267.8 |
| 180°   | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 |



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**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°  | 14.3   | 14.5   | 14.2   | 13.5   | 13.9   | 13.6   | 13.7   | 13.2   | 14.1   | 15.0   | 15.9   |
| 90°    | 22.1   | 20.9   | 19.2   | 17.4   | 15.8   | 14.1   | 12.1   | 9.8    | 7.5    | 5.1    | 2.9    |
| 92.5°  | 21.4   | 20.1   | 18.4   | 16.7   | 15.0   | 13.4   | 12.5   | 12.3   | 12.2   | 12.1   | 11.9   |
| 95°    | 22.1   | 20.9   | 20.6   | 20.4   | 20.2   | 20.0   | 23.5   | 30.7   | 37.7   | 44.9   | 52.1   |
| 97.5°  | 25.1   | 25.0   | 48.5   | 72.0   | 95.5   | 119.0  | 128.5  | 124.0  | 119.6  | 115.1  | 110.6  |
| 100°   | 38.1   | 41.7   | 70.8   | 99.8   | 128.8  | 157.9  | 170.6  | 166.7  | 163.0  | 159.1  | 155.4  |
| 102.5° | 162.2  | 200.8  | 204.6  | 208.4  | 212.2  | 216.0  | 216.5  | 213.7  | 210.9  | 208.1  | 205.4  |
| 105°   | 297.5  | 295.5  | 294.5  | 293.4  | 292.4  | 291.4  | 290.2  | 288.9  | 287.6  | 286.4  | 285.1  |
| 107.5° | 369.4  | 368.5  | 367.0  | 365.7  | 364.2  | 362.8  | 361.7  | 361.1  | 360.5  | 359.9  | 359.2  |
| 110°   | 418.2  | 417.8  | 416.5  | 415.2  | 414.0  | 412.7  | 411.8  | 411.2  | 410.5  | 409.9  | 409.3  |



TEST NUMBER: P332979-930

CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 465.5  | 465.5  | 465.0  | 464.3  | 463.7  | 463.2  | 462.3  | 461.1  | 460.0  | 458.9  | 457.8  |
| 115°   | 534.8  | 534.3  | 534.5  | 534.8  | 534.9  | 535.2  | 534.9  | 534.3  | 533.7  | 533.0  | 532.4  |
| 117.5° | 605.4  | 605.5  | 605.1  | 604.6  | 604.1  | 603.6  | 603.0  | 602.2  | 601.4  | 600.5  | 599.7  |
| 120°   | 648.4  | 648.0  | 648.2  | 648.4  | 648.7  | 648.8  | 648.5  | 647.7  | 646.9  | 646.0  | 645.1  |
| 122.5° | 691.5  | 691.2  | 690.9  | 690.6  | 690.3  | 690.0  | 689.6  | 689.1  | 688.6  | 688.1  | 687.5  |
| 125°   | 750.9  | 750.3  | 750.7  | 751.1  | 751.5  | 752.0  | 751.8  | 750.9  | 750.1  | 749.3  | 748.4  |
| 127.5° | 811.1  | 811.3  | 810.3  | 809.3  | 808.4  | 807.4  | 806.8  | 806.7  | 806.4  | 806.2  | 806.0  |
| 130°   | 847.1  | 846.9  | 846.3  | 845.6  | 845.1  | 844.4  | 844.0  | 843.8  | 843.6  | 843.3  | 843.1  |
| 132.5° | 882.7  | 882.6  | 881.7  | 880.9  | 880.1  | 879.4  | 878.7  | 878.4  | 878.0  | 877.6  | 877.3  |
| 135°   | 931.6  | 931.2  | 930.4  | 929.5  | 928.7  | 927.9  | 927.6  | 927.7  | 928.0  | 928.2  | 928.4  |
| 137.5° | 978.7  | 978.2  | 977.3  | 976.4  | 975.4  | 974.5  | 974.0  | 974.0  | 973.9  | 973.8  | 973.7  |
| 140°   | 1007.6 | 1007.1 | 1006.6 | 1006.2 | 1005.8 | 1005.3 | 1004.9 | 1004.5 | 1004.0 | 1003.6 | 1003.2 |
| 142.5° | 1034.8 | 1034.3 | 1034.0 | 1033.8 | 1033.6 | 1033.3 | 1032.8 | 1032.0 | 1031.3 | 1030.5 | 1029.7 |
| 145°   | 1073.6 | 1073.3 | 1073.3 | 1073.3 | 1073.3 | 1073.3 | 1073.0 | 1072.4 | 1071.8 | 1071.1 | 1070.5 |
| 147.5° | 1107.4 | 1107.3 | 1107.4 | 1107.7 | 1107.9 | 1108.1 | 1107.6 | 1106.4 | 1105.2 | 1104.1 | 1102.9 |
| 150°   | 1129.2 | 1129.2 | 1129.4 | 1129.7 | 1129.8 | 1130.1 | 1129.8 | 1128.9 | 1128.0 | 1127.2 | 1126.4 |
| 152.5° | 1147.8 | 1147.5 | 1147.8 | 1148.2 | 1148.6 | 1148.9 | 1148.8 | 1148.1 | 1147.5 | 1146.8 | 1146.1 |
| 155°   | 1172.7 | 1171.8 | 1172.5 | 1173.1 | 1173.8 | 1174.4 | 1174.6 | 1174.4 | 1174.2 | 1173.9 | 1173.8 |
| 157.5° | 1194.3 | 1193.3 | 1194.0 | 1194.7 | 1195.4 | 1196.1 | 1196.5 | 1196.7 | 1196.8 | 1196.9 | 1197.0 |
| 160°   | 1208.2 | 1206.9 | 1207.1 | 1207.3 | 1207.5 | 1207.8 | 1208.2 | 1208.8 | 1209.4 | 1210.1 | 1210.7 |
| 162.5° | 1219.5 | 1218.3 | 1218.5 | 1218.7 | 1218.9 | 1219.1 | 1219.6 | 1220.4 | 1221.2 | 1222.1 | 1222.8 |
| 165°   | 1235.1 | 1233.5 | 1233.5 | 1233.5 | 1233.5 | 1233.5 | 1234.0 | 1235.0 | 1236.1 | 1237.1 | 1238.2 |
| 167.5° | 1246.7 | 1244.8 | 1245.0 | 1245.0 | 1245.2 | 1245.3 | 1245.9 | 1247.0 | 1248.1 | 1249.2 | 1250.3 |
| 170°   | 1254.1 | 1252.4 | 1252.1 | 1252.0 | 1251.7 | 1251.6 | 1252.1 | 1253.4 | 1254.6 | 1255.9 | 1257.1 |
| 172.5° | 1258.6 | 1256.9 | 1256.7 | 1256.5 | 1256.3 | 1256.1 | 1256.6 | 1257.8 | 1259.1 | 1260.4 | 1261.7 |
| 175°   | 1263.7 | 1261.8 | 1261.7 | 1261.4 | 1261.2 | 1261.0 | 1261.5 | 1262.8 | 1264.0 | 1265.3 | 1266.6 |
| 177.5° | 1266.4 | 1265.1 | 1264.8 | 1264.4 | 1264.0 | 1263.7 | 1264.1 | 1265.3 | 1266.5 | 1267.7 | 1268.9 |
| 180°   | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 |



TEST NUMBER: P332979-930

CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

**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°  | 15.9   | 15.0   | 13.7   | 13.7   | 14.1   | 13.5   | 14.3   | 14.7   | 15.0   | 14.8   | 16.0   |
| 90°    | 5.1    | 7.5    | 9.8    | 12.1   | 14.1   | 15.8   | 17.4   | 19.2   | 20.9   | 22.1   | 23.4   |
| 92.5°  | 12.1   | 12.2   | 12.3   | 12.5   | 13.4   | 15.0   | 16.7   | 18.4   | 20.1   | 21.4   | 22.6   |
| 95°    | 44.9   | 37.7   | 30.7   | 23.5   | 20.0   | 20.2   | 20.4   | 20.6   | 20.9   | 22.1   | 23.4   |
| 97.5°  | 115.1  | 119.6  | 124.0  | 128.5  | 119.0  | 95.5   | 72.0   | 48.5   | 25.0   | 25.1   | 25.3   |
| 100°   | 159.1  | 163.0  | 166.7  | 170.6  | 157.9  | 128.8  | 99.8   | 70.8   | 41.7   | 38.1   | 34.5   |
| 102.5° | 208.1  | 210.9  | 213.7  | 216.5  | 216.0  | 212.2  | 208.4  | 204.6  | 200.8  | 162.2  | 123.6  |
| 105°   | 286.4  | 287.6  | 288.9  | 290.2  | 291.4  | 292.4  | 293.4  | 294.5  | 295.5  | 297.5  | 299.4  |
| 107.5° | 359.9  | 360.5  | 361.1  | 361.7  | 362.8  | 364.2  | 365.7  | 367.0  | 368.5  | 369.4  | 370.4  |
| 110°   | 409.9  | 410.5  | 411.2  | 411.8  | 412.7  | 414.0  | 415.2  | 416.5  | 417.8  | 418.2  | 418.7  |





TEST NUMBER: P332979-930

CATALOG NUMBER: S124RDIP-S1020D1205U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 458.9  | 460.0  | 461.1  | 462.3  | 463.2  | 463.7  | 464.3  | 465.0  | 465.5  | 465.5  | 465.4  |
| 115°   | 533.0  | 533.7  | 534.3  | 534.9  | 535.2  | 534.9  | 534.8  | 534.5  | 534.3  | 534.8  | 535.2  |
| 117.5° | 600.5  | 601.4  | 602.2  | 603.0  | 603.6  | 604.1  | 604.6  | 605.1  | 605.5  | 605.4  | 605.4  |
| 120°   | 646.0  | 646.9  | 647.7  | 648.5  | 648.8  | 648.7  | 648.4  | 648.2  | 648.0  | 648.4  | 648.8  |
| 122.5° | 688.1  | 688.6  | 689.1  | 689.6  | 690.0  | 690.3  | 690.6  | 690.9  | 691.2  | 691.5  | 691.7  |
| 125°   | 749.3  | 750.1  | 750.9  | 751.8  | 752.0  | 751.5  | 751.1  | 750.7  | 750.3  | 750.9  | 751.5  |
| 127.5° | 806.2  | 806.4  | 806.7  | 806.8  | 807.4  | 808.4  | 809.3  | 810.3  | 811.3  | 811.1  | 811.1  |
| 130°   | 843.3  | 843.6  | 843.8  | 844.0  | 844.4  | 845.1  | 845.6  | 846.3  | 846.9  | 847.1  | 847.3  |
| 132.5° | 877.6  | 878.0  | 878.4  | 878.7  | 879.4  | 880.1  | 880.9  | 881.7  | 882.6  | 882.7  | 883.0  |
| 135°   | 928.2  | 928.0  | 927.7  | 927.6  | 927.9  | 928.7  | 929.5  | 930.4  | 931.2  | 931.6  | 932.1  |
| 137.5° | 973.8  | 973.9  | 974.0  | 974.0  | 974.5  | 975.4  | 976.4  | 977.3  | 978.2  | 978.7  | 979.2  |
| 140°   | 1003.6 | 1004.0 | 1004.5 | 1004.9 | 1005.3 | 1005.8 | 1006.2 | 1006.6 | 1007.1 | 1007.6 | 1008.3 |
| 142.5° | 1030.5 | 1031.3 | 1032.0 | 1032.8 | 1033.3 | 1033.6 | 1033.8 | 1034.0 | 1034.3 | 1034.8 | 1035.3 |
| 145°   | 1071.1 | 1071.8 | 1072.4 | 1073.0 | 1073.3 | 1073.3 | 1073.3 | 1073.3 | 1073.3 | 1073.6 | 1073.7 |
| 147.5° | 1104.1 | 1105.2 | 1106.4 | 1107.6 | 1108.1 | 1107.9 | 1107.7 | 1107.4 | 1107.3 | 1107.4 | 1107.6 |
| 150°   | 1127.2 | 1128.0 | 1128.9 | 1129.8 | 1130.1 | 1129.8 | 1129.7 | 1129.4 | 1129.2 | 1129.2 | 1129.2 |
| 152.5° | 1146.8 | 1147.5 | 1148.1 | 1148.8 | 1148.9 | 1148.6 | 1148.2 | 1147.8 | 1147.5 | 1147.8 | 1148.1 |
| 155°   | 1173.9 | 1174.2 | 1174.4 | 1174.6 | 1174.4 | 1173.8 | 1173.1 | 1172.5 | 1171.8 | 1172.7 | 1173.5 |
| 157.5° | 1196.9 | 1196.8 | 1196.7 | 1196.5 | 1196.1 | 1195.4 | 1194.7 | 1194.0 | 1193.3 | 1194.3 | 1195.5 |
| 160°   | 1210.1 | 1209.4 | 1208.8 | 1208.2 | 1207.8 | 1207.5 | 1207.3 | 1207.1 | 1206.9 | 1208.2 | 1209.4 |
| 162.5° | 1222.1 | 1221.2 | 1220.4 | 1219.6 | 1219.1 | 1218.9 | 1218.7 | 1218.5 | 1218.3 | 1219.5 | 1220.8 |
| 165°   | 1237.1 | 1236.1 | 1235.0 | 1234.0 | 1233.5 | 1233.5 | 1233.5 | 1233.5 | 1233.5 | 1235.1 | 1236.8 |
| 167.5° | 1249.2 | 1248.1 | 1247.0 | 1245.9 | 1245.3 | 1245.2 | 1245.0 | 1245.0 | 1244.8 | 1246.7 | 1248.5 |
| 170°   | 1255.9 | 1254.6 | 1253.4 | 1252.1 | 1251.6 | 1251.7 | 1252.0 | 1252.1 | 1252.4 | 1254.1 | 1255.7 |
| 172.5° | 1260.4 | 1259.1 | 1257.8 | 1256.6 | 1256.1 | 1256.3 | 1256.5 | 1256.7 | 1256.9 | 1258.6 | 1260.3 |
| 175°   | 1265.3 | 1264.0 | 1262.8 | 1261.5 | 1261.0 | 1261.2 | 1261.4 | 1261.7 | 1261.8 | 1263.7 | 1265.7 |
| 177.5° | 1267.7 | 1266.5 | 1265.3 | 1264.1 | 1263.7 | 1264.0 | 1264.4 | 1264.8 | 1265.1 | 1266.4 | 1267.8 |
| 180°   | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 |



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**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°  | 15.3   | 15.1   | 15.7   | 15.3   | 15.4   | 15.1   | 15.6   |
| 90°    | 24.6   | 25.9   | 26.7   | 27.1   | 27.6   | 28.0   | 28.5   |
| 92.5°  | 23.9   | 25.1   | 25.8   | 25.9   | 26.0   | 26.1   | 26.2   |
| 95°    | 24.6   | 25.9   | 26.7   | 26.8   | 27.1   | 27.2   | 27.5   |
| 97.5°  | 25.4   | 25.5   | 25.7   | 25.9   | 26.1   | 26.3   | 26.5   |
| 100°   | 31.0   | 27.4   | 25.7   | 25.9   | 26.1   | 26.3   | 26.5   |
| 102.5° | 85.0   | 46.4   | 27.1   | 27.1   | 27.2   | 27.2   | 27.3   |
| 105°   | 301.3  | 303.1  | 300.3  | 292.7  | 285.1  | 277.6  | 270.0  |
| 107.5° | 371.3  | 372.2  | 373.1  | 373.9  | 374.7  | 375.4  | 376.3  |
| 110°   | 419.1  | 419.5  | 420.0  | 420.6  | 421.3  | 421.9  | 422.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 465.3  | 465.2  | 465.5  | 466.4  | 467.2  | 468.0  | 468.7  |
| 115°   | 535.6  | 536.0  | 536.2  | 536.2  | 536.2  | 536.2  | 536.2  |
| 117.5° | 605.3  | 605.2  | 605.1  | 605.0  | 605.0  | 604.9  | 604.8  |
| 120°   | 649.2  | 649.6  | 649.6  | 649.2  | 648.8  | 648.4  | 648.0  |
| 122.5° | 691.9  | 692.2  | 692.1  | 691.7  | 691.3  | 690.8  | 690.4  |
| 125°   | 752.2  | 752.8  | 753.3  | 753.4  | 753.7  | 753.9  | 754.1  |
| 127.5° | 810.9  | 810.8  | 810.7  | 810.5  | 810.3  | 810.2  | 810.0  |
| 130°   | 847.6  | 847.7  | 847.8  | 847.8  | 847.8  | 847.8  | 847.8  |
| 132.5° | 883.2  | 883.4  | 883.4  | 883.2  | 883.1  | 882.9  | 882.7  |
| 135°   | 932.5  | 932.9  | 933.4  | 933.8  | 934.2  | 934.6  | 935.0  |
| 137.5° | 979.6  | 980.1  | 980.2  | 980.2  | 980.0  | 979.8  | 979.7  |
| 140°   | 1008.9 | 1009.6 | 1010.0 | 1010.2 | 1010.4 | 1010.6 | 1010.8 |
| 142.5° | 1035.7 | 1036.2 | 1036.4 | 1036.5 | 1036.5 | 1036.6 | 1036.6 |
| 145°   | 1074.0 | 1074.2 | 1074.5 | 1074.9 | 1075.3 | 1075.8 | 1076.2 |
| 147.5° | 1107.7 | 1107.9 | 1108.1 | 1108.3 | 1108.6 | 1108.7 | 1109.0 |
| 150°   | 1129.2 | 1129.2 | 1129.4 | 1129.5 | 1129.8 | 1130.0 | 1130.2 |
| 152.5° | 1148.4 | 1148.8 | 1148.8 | 1148.8 | 1148.6 | 1148.5 | 1148.3 |
| 155°   | 1174.4 | 1175.3 | 1175.3 | 1174.7 | 1174.0 | 1173.5 | 1172.8 |
| 157.5° | 1196.5 | 1197.7 | 1197.7 | 1196.5 | 1195.5 | 1194.3 | 1193.3 |
| 160°   | 1210.7 | 1211.9 | 1211.9 | 1210.7 | 1209.4 | 1208.2 | 1206.9 |
| 162.5° | 1222.1 | 1223.4 | 1223.3 | 1221.8 | 1220.4 | 1219.0 | 1217.5 |
| 165°   | 1238.5 | 1240.2 | 1240.1 | 1238.2 | 1236.2 | 1234.4 | 1232.5 |
| 167.5° | 1250.3 | 1252.2 | 1252.1 | 1250.0 | 1247.9 | 1245.8 | 1243.7 |
| 170°   | 1257.4 | 1259.1 | 1258.9 | 1256.8 | 1254.7 | 1252.6 | 1250.5 |
| 172.5° | 1262.0 | 1263.6 | 1263.4 | 1261.1 | 1258.8 | 1256.5 | 1254.3 |
| 175°   | 1267.5 | 1269.4 | 1269.1 | 1266.6 | 1264.0 | 1261.5 | 1259.0 |
| 177.5° | 1269.1 | 1270.5 | 1270.2 | 1268.1 | 1266.1 | 1264.0 | 1262.1 |
| 180°   | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 | 1266.6 |

(END OF REPORT)