

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: P333083-940

Luminaire Tested: **S124RDIW-S1020D1050U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333083-940  
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: S124RDIW-S1020D1050U940-4F0-1E-UDD-A  
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1050 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7607.5 lumens  
Efficiency: N/A  
Efficacy: 124.3 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

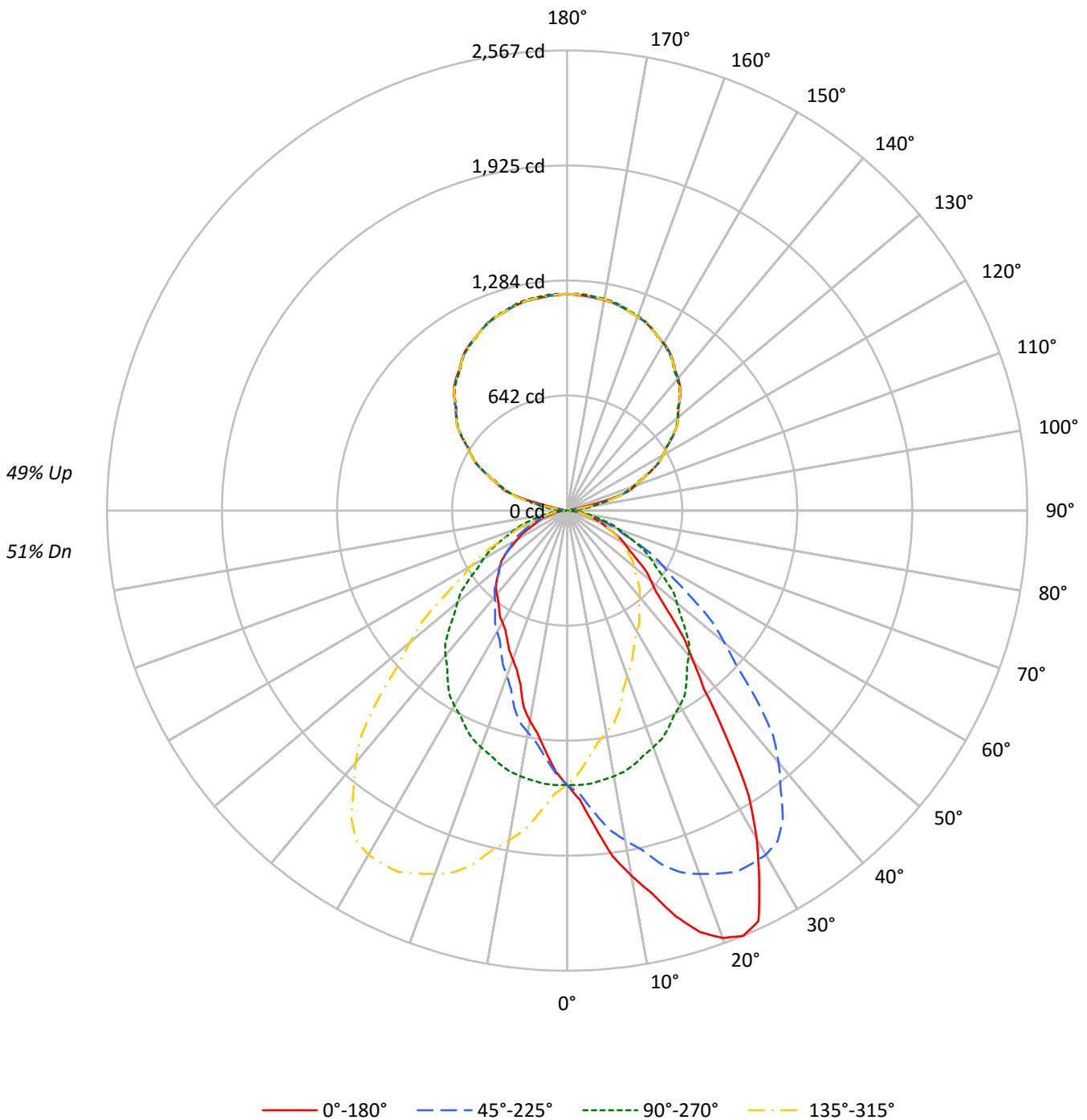
Input Watts (W): 61.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333083-940

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### Luminous Intensity Polar Plot





TEST NUMBER: P333083-940

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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 | 50 | 30 | 10 | 0  |    |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |    |    |    | 51 |
| 1   | 98  | 94  | 91  | 87  | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 61 | 59 | 51 | 50 | 49 |    |    |    | 44 |    |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 67 | 66 | 62 | 59 | 55 | 52 | 50 | 45 | 44 | 42 |    |    |    | 37 |    |
| 3   | 82  | 73  | 66  | 60  | 76 | 68 | 62 | 57 | 58 | 54 | 50 | 49 | 46 | 43 | 41 | 38 | 36 |    |    |    | 32 |    |
| 4   | 76  | 65  | 57  | 52  | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 |    |    |    | 28 |    |
| 5   | 70  | 58  | 50  | 44  | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 40 | 36 | 32 | 33 | 30 | 28 |    |    |    | 25 |    |
| 6   | 64  | 52  | 44  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 |    |    |    | 22 |    |
| 7   | 59  | 47  | 40  | 34  | 55 | 44 | 37 | 32 | 38 | 33 | 29 | 33 | 29 | 25 | 28 | 24 | 22 |    |    |    | 19 |    |
| 8   | 55  | 43  | 35  | 30  | 51 | 40 | 33 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 |    |    |    | 17 |    |
| 9   | 51  | 39  | 32  | 27  | 48 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 20 | 24 | 20 | 18 |    |    |    | 16 |    |
| 10  | 48  | 36  | 29  | 24  | 44 | 34 | 27 | 23 | 30 | 24 | 21 | 26 | 21 | 19 | 22 | 19 | 16 |    |    |    | 14 |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12352 | 12352 | 12352 | 12352 |
| 5°  | 14327 | 12388 | 10950 | 12388 |
| 10° | 16948 | 12336 | 9773  | 12336 |
| 15° | 19578 | 12221 | 8398  | 12221 |
| 20° | 21798 | 12064 | 7594  | 12064 |
| 25° | 22502 | 11909 | 7050  | 11909 |
| 30° | 19699 | 11723 | 6723  | 11723 |
| 35° | 15334 | 11446 | 6525  | 11446 |
| 40° | 11499 | 11129 | 6418  | 11129 |
| 45° | 9079  | 10620 | 6361  | 10620 |
| 50° | 7665  | 10034 | 6179  | 10034 |
| 55° | 6681  | 9388  | 5847  | 9388  |
| 60° | 6011  | 8719  | 5176  | 8719  |
| 65° | 5299  | 7996  | 4451  | 7996  |
| 70° | 4773  | 7246  | 4015  | 7246  |
| 75° | 3999  | 6422  | 3425  | 6422  |
| 80° | 3384  | 5472  | 3208  | 5472  |
| 85° | 2862  | 4279  | 2862  | 4279  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 148.2  | 1.9       |
| 10°-20°   | 447.2  | 5.9       |
| 20°-30°   | 699.4  | 9.2       |
| 30°-40°   | 777.5  | 10.2      |
| 40°-50°   | 689.9  | 9.1       |
| 50°-60°   | 537.6  | 7.1       |
| 60°-70°   | 351.9  | 4.6       |
| 70°-80°   | 173.1  | 2.3       |
| 80°-90°   | 46.2   | 0.6       |
| 90°-100°  | 41.3   | 0.5       |
| 100°-110° | 263.4  | 3.5       |
| 110°-120° | 503.9  | 6.6       |
| 120°-130° | 639.7  | 8.4       |
| 130°-140° | 684.4  | 9.0       |
| 140°-150° | 640.0  | 8.4       |
| 150°-160° | 516.1  | 6.8       |
| 160°-170° | 332.9  | 4.4       |
| 170°-180° | 114.7  | 1.5       |
| 0°-30°    | 1294.9 | 17.0      |
| 0°-40°    | 2072.4 | 27.2      |
| 0°-60°    | 3299.8 | 43.4      |
| 0°-90°    | 3871.0 | 50.9      |
| 90°-120°  | 808.6  | 10.6      |
| 90°-150°  | 2772.8 | 36.4      |
| 90°-180°  | 3737.0 | 49.1      |
| 0°-180°   | 7607.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1530 | 1530 | 1530 | 1530 | 1530 |      |
| 5°   | 1768 | 1529 | 1351 | 1529 | 1768 | 179  |
| 15°  | 2342 | 1462 | 1005 | 1462 | 2342 | 666  |
| 25°  | 2526 | 1337 | 792  | 1337 | 2526 | 1121 |
| 35°  | 1556 | 1161 | 662  | 1161 | 1556 | 975  |
| 45°  | 795  | 930  | 557  | 930  | 795  | 630  |
| 55°  | 475  | 667  | 415  | 667  | 475  | 432  |
| 65°  | 277  | 419  | 233  | 419  | 277  | 279  |
| 75°  | 128  | 206  | 110  | 206  | 128  | 141  |
| 85°  | 31   | 46   | 31   | 46   | 31   | 35   |
| 90°  | 27   | 3    | 27   | 3    | 27   | 13   |
| 95°  | 26   | 50   | 26   | 50   | 26   | 21   |
| 105° | 258  | 272  | 258  | 272  | 258  | 225  |
| 115° | 511  | 508  | 511  | 508  | 511  | 506  |
| 125° | 719  | 714  | 719  | 714  | 719  | 640  |
| 135° | 892  | 885  | 892  | 885  | 892  | 686  |
| 145° | 1026 | 1021 | 1026 | 1021 | 1026 | 641  |
| 155° | 1118 | 1119 | 1118 | 1119 | 1118 | 516  |
| 165° | 1175 | 1181 | 1175 | 1181 | 1175 | 332  |
| 175° | 1201 | 1208 | 1201 | 1208 | 1201 | 114  |
| 180° | 1208 | 1208 | 1208 | 1208 | 1208 |      |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5°   | 1613.8 | 1618.3 | 1613.8 | 1613.4 | 1608.5 | 1607.0 | 1605.0 | 1598.6 | 1586.7 | 1579.8 | 1581.3 |
| 5°     | 1768.0 | 1783.3 | 1774.8 | 1773.5 | 1760.0 | 1746.4 | 1737.8 | 1718.1 | 1697.1 | 1682.9 | 1671.2 |
| 7.5°   | 1946.2 | 1955.1 | 1949.7 | 1941.1 | 1919.1 | 1906.7 | 1886.7 | 1860.6 | 1823.1 | 1794.3 | 1768.1 |
| 10°    | 2067.5 | 2074.9 | 2072.5 | 2056.5 | 2040.4 | 2007.8 | 1989.2 | 1952.9 | 1905.4 | 1867.9 | 1832.6 |
| 12.5°  | 2186.9 | 2194.8 | 2173.1 | 2173.8 | 2143.5 | 2117.7 | 2088.4 | 2042.6 | 1987.8 | 1939.3 | 1895.3 |
| 15°    | 2342.5 | 2332.6 | 2332.6 | 2320.3 | 2286.3 | 2250.7 | 2220.4 | 2172.4 | 2103.3 | 2045.3 | 1984.3 |
| 17.5°  | 2464.3 | 2467.7 | 2462.7 | 2433.6 | 2407.0 | 2370.0 | 2314.6 | 2258.5 | 2194.4 | 2116.7 | 2054.2 |
| 20°    | 2537.3 | 2537.3 | 2531.7 | 2512.0 | 2477.5 | 2438.0 | 2378.3 | 2317.2 | 2235.9 | 2157.6 | 2087.3 |
| 22.5°  | 2566.9 | 2568.8 | 2562.3 | 2546.0 | 2515.0 | 2476.5 | 2425.5 | 2363.6 | 2279.7 | 2191.6 | 2104.5 |
| 25°    | 2526.2 | 2537.9 | 2539.1 | 2534.8 | 2525.6 | 2502.1 | 2458.4 | 2394.9 | 2319.7 | 2224.1 | 2130.4 |
| 27.5°  | 2319.3 | 2334.1 | 2347.1 | 2368.4 | 2396.7 | 2411.5 | 2413.5 | 2381.2 | 2315.6 | 2223.7 | 2129.3 |
| 30°    | 2113.2 | 2125.5 | 2165.6 | 2218.0 | 2258.6 | 2295.6 | 2327.7 | 2336.3 | 2299.4 | 2216.7 | 2117.5 |
| 32.5°  | 1884.4 | 1901.1 | 1941.2 | 1997.5 | 2065.3 | 2128.0 | 2199.9 | 2236.7 | 2235.7 | 2186.1 | 2094.3 |
| 35°    | 1555.9 | 1568.3 | 1605.3 | 1664.4 | 1745.8 | 1838.9 | 1952.9 | 2041.7 | 2102.0 | 2097.7 | 2041.7 |
| 37.5°  | 1254.8 | 1268.7 | 1306.1 | 1355.2 | 1434.1 | 1549.3 | 1659.7 | 1782.0 | 1893.7 | 1956.5 | 1937.7 |
| 40°    | 1091.1 | 1091.7 | 1128.1 | 1178.7 | 1252.6 | 1353.1 | 1473.3 | 1608.9 | 1733.4 | 1835.1 | 1854.8 |
| 42.5°  | 961.9  | 962.0  | 986.1  | 1040.5 | 1093.9 | 1188.4 | 1303.1 | 1437.8 | 1583.5 | 1701.0 | 1753.3 |
| 45°    | 795.2  | 800.8  | 820.5  | 853.2  | 895.1  | 975.2  | 1067.0 | 1192.2 | 1355.6 | 1494.9 | 1581.8 |
| 47.5°  | 673.4  | 681.5  | 694.1  | 720.8  | 754.1  | 807.5  | 883.5  | 996.0  | 1128.8 | 1282.1 | 1405.8 |
| 50°    | 610.3  | 611.5  | 627.5  | 642.3  | 671.3  | 713.8  | 780.4  | 874.1  | 996.1  | 1143.5 | 1280.9 |
| 52.5°  | 556.1  | 555.8  | 565.4  | 584.2  | 607.7  | 640.9  | 694.6  | 779.9  | 888.1  | 1020.2 | 1162.1 |
| 55°    | 474.7  | 477.8  | 485.2  | 499.9  | 517.8  | 541.3  | 583.8  | 647.9  | 733.0  | 845.8  | 974.6  |
| 57.5°  | 412.8  | 414.4  | 420.2  | 426.4  | 442.8  | 459.9  | 491.8  | 536.3  | 608.1  | 700.4  | 820.5  |
| 60°    | 372.3  | 372.9  | 374.8  | 384.1  | 397.0  | 413.0  | 434.6  | 472.2  | 532.6  | 617.1  | 712.0  |
| 62.5°  | 332.9  | 333.9  | 336.8  | 343.6  | 353.6  | 364.7  | 387.3  | 417.5  | 467.5  | 539.7  | 625.2  |
| 65°    | 277.4  | 278.0  | 282.3  | 284.8  | 292.8  | 302.6  | 319.3  | 339.7  | 374.2  | 434.6  | 499.4  |
| 67.5°  | 231.8  | 231.8  | 232.0  | 235.3  | 240.9  | 247.4  | 257.4  | 273.7  | 299.7  | 336.8  | 393.9  |
| 70°    | 202.2  | 202.2  | 203.4  | 205.3  | 208.4  | 213.9  | 219.5  | 231.8  | 250.9  | 281.1  | 324.9  |
| 72.5°  | 174.6  | 175.0  | 176.3  | 176.6  | 178.3  | 182.8  | 186.9  | 194.8  | 209.0  | 231.8  | 267.2  |
| 75°    | 128.2  | 130.1  | 133.1  | 135.6  | 138.7  | 138.1  | 142.4  | 147.3  | 151.7  | 165.2  | 185.6  |
| 77.5°  | 95.4   | 94.4   | 94.8   | 96.9   | 97.3   | 97.9   | 100.9  | 104.8  | 108.0  | 114.4  | 121.7  |
| 80°    | 72.8   | 72.8   | 74.5   | 75.2   | 74.5   | 75.2   | 78.3   | 80.2   | 81.4   | 83.8   | 90.6   |
| 82.5°  | 55.0   | 56.0   | 55.4   | 56.0   | 56.4   | 57.0   | 59.6   | 59.9   | 61.2   | 62.2   | 65.0   |
| 85°    | 30.9   | 31.5   | 32.0   | 30.9   | 30.9   | 30.9   | 32.0   | 32.6   | 33.9   | 33.3   | 34.5   |
| 87.5°  | 16.2   | 15.7   | 16.1   | 16.1   | 16.4   | 15.8   | 16.1   | 16.8   | 15.5   | 15.8   | 15.5   |
| 90°    | 27.1   | 26.7   | 26.3   | 25.9   | 25.5   | 24.7   | 23.5   | 22.3   | 21.0   | 19.9   | 18.3   |
| 92.5°  | 25.0   | 24.9   | 24.8   | 24.7   | 24.6   | 24.0   | 22.7   | 21.6   | 20.3   | 19.2   | 17.6   |
| 95°    | 26.2   | 26.0   | 25.8   | 25.6   | 25.4   | 24.7   | 23.5   | 22.3   | 21.0   | 19.9   | 19.7   |
| 97.5°  | 25.3   | 25.1   | 24.9   | 24.7   | 24.5   | 24.3   | 24.3   | 24.1   | 24.0   | 23.8   | 46.3   |
| 100°   | 25.3   | 25.1   | 24.9   | 24.7   | 24.5   | 26.1   | 29.5   | 32.9   | 36.4   | 39.8   | 67.5   |
| 102.5° | 26.0   | 25.9   | 25.9   | 25.9   | 25.9   | 44.2   | 81.1   | 117.9  | 154.7  | 191.5  | 195.1  |
| 105°   | 257.5  | 264.7  | 272.0  | 279.2  | 286.4  | 289.1  | 287.3  | 285.5  | 283.7  | 281.9  | 280.9  |
| 107.5° | 358.8  | 358.1  | 357.3  | 356.6  | 355.8  | 355.0  | 354.1  | 353.2  | 352.3  | 351.4  | 350.1  |
| 110°   | 403.0  | 402.3  | 401.7  | 401.2  | 400.6  | 400.0  | 399.7  | 399.2  | 398.9  | 398.4  | 397.3  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 447.0  | 446.3  | 445.5  | 444.8  | 444.0  | 443.6  | 443.7  | 443.8  | 443.9  | 444.0  | 443.4  |
| 115°   | 511.4  | 511.4  | 511.4  | 511.4  | 511.4  | 511.1  | 510.8  | 510.3  | 510.0  | 509.5  | 509.8  |
| 117.5° | 576.8  | 576.8  | 576.9  | 577.0  | 577.1  | 577.2  | 577.3  | 577.3  | 577.4  | 577.5  | 577.0  |
| 120°   | 618.0  | 618.4  | 618.8  | 619.2  | 619.6  | 619.6  | 619.2  | 618.8  | 618.4  | 618.0  | 618.1  |
| 122.5° | 658.4  | 658.9  | 659.2  | 659.7  | 660.0  | 660.1  | 659.9  | 659.7  | 659.4  | 659.2  | 658.9  |
| 125°   | 719.2  | 719.0  | 718.7  | 718.5  | 718.4  | 717.9  | 717.4  | 716.8  | 716.1  | 715.5  | 716.0  |
| 127.5° | 772.5  | 772.6  | 772.8  | 772.9  | 773.1  | 773.2  | 773.4  | 773.5  | 773.6  | 773.7  | 772.8  |
| 130°   | 808.6  | 808.6  | 808.6  | 808.6  | 808.6  | 808.5  | 808.3  | 808.1  | 807.9  | 807.7  | 807.1  |
| 132.5° | 841.9  | 842.0  | 842.1  | 842.3  | 842.5  | 842.5  | 842.3  | 842.0  | 841.9  | 841.7  | 840.9  |
| 135°   | 891.7  | 891.4  | 890.9  | 890.6  | 890.1  | 889.7  | 889.3  | 888.9  | 888.5  | 888.1  | 887.3  |
| 137.5° | 934.3  | 934.5  | 934.6  | 934.7  | 934.9  | 934.7  | 934.2  | 933.8  | 933.4  | 932.9  | 932.0  |
| 140°   | 964.0  | 963.8  | 963.6  | 963.4  | 963.2  | 962.8  | 962.2  | 961.6  | 961.0  | 960.4  | 960.0  |
| 142.5° | 988.6  | 988.6  | 988.5  | 988.5  | 988.4  | 988.2  | 987.7  | 987.3  | 986.9  | 986.4  | 986.1  |
| 145°   | 1026.4 | 1025.9 | 1025.6 | 1025.1 | 1024.8 | 1024.4 | 1024.2 | 1024.0 | 1023.9 | 1023.6 | 1023.6 |
| 147.5° | 1057.6 | 1057.4 | 1057.2 | 1057.0 | 1056.8 | 1056.6 | 1056.4 | 1056.3 | 1056.1 | 1056.0 | 1056.1 |
| 150°   | 1077.8 | 1077.6 | 1077.5 | 1077.2 | 1077.0 | 1076.9 | 1076.9 | 1076.9 | 1076.9 | 1076.9 | 1077.1 |
| 152.5° | 1095.2 | 1095.3 | 1095.4 | 1095.6 | 1095.6 | 1095.6 | 1095.2 | 1094.9 | 1094.6 | 1094.3 | 1094.7 |
| 155°   | 1118.5 | 1119.1 | 1119.7 | 1120.3 | 1120.9 | 1120.8 | 1120.0 | 1119.2 | 1118.4 | 1117.6 | 1118.2 |
| 157.5° | 1138.0 | 1139.1 | 1140.1 | 1141.1 | 1142.2 | 1142.2 | 1141.1 | 1140.1 | 1139.1 | 1138.0 | 1138.7 |
| 160°   | 1151.0 | 1152.2 | 1153.4 | 1154.6 | 1155.8 | 1155.8 | 1154.6 | 1153.4 | 1152.2 | 1151.0 | 1151.2 |
| 162.5° | 1161.1 | 1162.5 | 1163.9 | 1165.2 | 1166.6 | 1166.6 | 1165.5 | 1164.2 | 1163.1 | 1161.8 | 1162.1 |
| 165°   | 1175.4 | 1177.2 | 1179.0 | 1180.8 | 1182.6 | 1182.8 | 1181.2 | 1179.6 | 1177.9 | 1176.3 | 1176.3 |
| 167.5° | 1186.1 | 1188.1 | 1190.1 | 1192.1 | 1194.1 | 1194.2 | 1192.5 | 1190.7 | 1188.9 | 1187.1 | 1187.3 |
| 170°   | 1192.6 | 1194.5 | 1196.6 | 1198.5 | 1200.6 | 1200.8 | 1199.2 | 1197.6 | 1196.0 | 1194.4 | 1194.2 |
| 172.5° | 1196.1 | 1198.4 | 1200.5 | 1202.7 | 1204.9 | 1205.1 | 1203.5 | 1201.9 | 1200.3 | 1198.7 | 1198.5 |
| 175°   | 1200.7 | 1203.1 | 1205.5 | 1207.9 | 1210.3 | 1210.7 | 1208.8 | 1207.0 | 1205.2 | 1203.5 | 1203.2 |
| 177.5° | 1203.6 | 1205.5 | 1207.5 | 1209.3 | 1211.3 | 1211.7 | 1210.3 | 1209.1 | 1207.7 | 1206.5 | 1206.1 |
| 180°   | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5°   | 1576.4 | 1569.5 | 1566.0 | 1558.1 | 1548.7 | 1543.8 | 1539.4 | 1532.9 | 1524.6 | 1515.7 | 1509.3 |
| 5°     | 1656.4 | 1641.6 | 1623.1 | 1600.9 | 1581.2 | 1562.1 | 1545.4 | 1528.7 | 1509.7 | 1490.0 | 1470.3 |
| 7.5°   | 1738.5 | 1709.4 | 1677.9 | 1641.6 | 1606.2 | 1574.0 | 1544.4 | 1516.1 | 1484.0 | 1455.3 | 1429.1 |
| 10°    | 1795.7 | 1756.2 | 1712.4 | 1666.3 | 1620.0 | 1579.9 | 1540.5 | 1504.8 | 1465.3 | 1430.1 | 1400.5 |
| 12.5°  | 1842.1 | 1795.7 | 1743.0 | 1685.5 | 1629.9 | 1581.4 | 1536.1 | 1489.4 | 1444.6 | 1406.5 | 1367.0 |
| 15°    | 1919.0 | 1855.5 | 1784.6 | 1715.6 | 1643.4 | 1577.4 | 1516.4 | 1462.2 | 1411.0 | 1357.5 | 1319.8 |
| 17.5°  | 1971.8 | 1896.6 | 1810.4 | 1727.4 | 1642.2 | 1564.4 | 1494.0 | 1429.4 | 1370.4 | 1315.6 | 1270.9 |
| 20°    | 2003.4 | 1920.2 | 1824.7 | 1730.4 | 1634.8 | 1551.6 | 1475.8 | 1404.3 | 1343.3 | 1284.1 | 1237.8 |
| 22.5°  | 2021.2 | 1929.1 | 1824.7 | 1725.9 | 1626.9 | 1536.8 | 1453.6 | 1379.1 | 1312.7 | 1253.5 | 1202.3 |
| 25°    | 2026.9 | 1928.2 | 1821.6 | 1708.2 | 1599.6 | 1504.1 | 1417.8 | 1337.0 | 1263.1 | 1203.9 | 1149.7 |
| 27.5°  | 2019.0 | 1902.8 | 1793.6 | 1677.2 | 1565.3 | 1464.5 | 1373.9 | 1289.1 | 1215.0 | 1151.6 | 1095.9 |
| 30°    | 2007.2 | 1882.6 | 1765.5 | 1644.7 | 1531.2 | 1434.5 | 1338.9 | 1257.6 | 1180.4 | 1114.5 | 1058.5 |
| 32.5°  | 1981.5 | 1858.0 | 1732.0 | 1608.2 | 1493.3 | 1393.6 | 1302.9 | 1221.0 | 1145.5 | 1078.1 | 1018.5 |
| 35°    | 1930.7 | 1805.5 | 1668.7 | 1541.8 | 1428.9 | 1325.3 | 1240.3 | 1161.4 | 1089.2 | 1017.2 | 954.2  |
| 37.5°  | 1863.8 | 1735.9 | 1599.8 | 1460.7 | 1347.8 | 1250.0 | 1172.0 | 1097.9 | 1027.5 | 961.6  | 892.0  |
| 40°    | 1800.6 | 1684.1 | 1543.6 | 1405.5 | 1289.6 | 1195.2 | 1123.2 | 1056.0 | 985.1  | 919.7  | 850.1  |
| 42.5°  | 1724.2 | 1625.0 | 1482.9 | 1344.3 | 1229.9 | 1139.1 | 1071.8 | 1006.1 | 941.6  | 878.3  | 805.7  |
| 45°    | 1596.6 | 1521.3 | 1388.2 | 1255.1 | 1139.8 | 1049.8 | 988.2  | 930.2  | 873.5  | 813.1  | 744.7  |
| 47.5°  | 1450.4 | 1399.5 | 1284.5 | 1148.2 | 1041.5 | 960.6  | 901.0  | 853.6  | 805.7  | 745.3  | 685.3  |
| 50°    | 1348.8 | 1316.1 | 1205.1 | 1080.7 | 978.9  | 904.3  | 843.3  | 798.9  | 758.8  | 700.9  | 647.3  |
| 52.5°  | 1240.3 | 1222.9 | 1129.2 | 1010.1 | 911.9  | 838.7  | 786.6  | 746.6  | 706.1  | 658.0  | 607.8  |
| 55°    | 1075.0 | 1084.3 | 1004.8 | 901.9  | 809.4  | 747.8  | 700.3  | 667.0  | 632.5  | 591.8  | 552.9  |
| 57.5°  | 906.2  | 940.0  | 886.5  | 796.2  | 709.5  | 652.6  | 616.8  | 588.8  | 559.8  | 526.1  | 492.9  |
| 60°    | 805.0  | 833.4  | 803.3  | 723.7  | 647.9  | 594.9  | 561.6  | 540.0  | 511.0  | 480.2  | 455.0  |
| 62.5°  | 706.4  | 736.7  | 718.9  | 654.7  | 584.2  | 538.7  | 509.3  | 489.2  | 467.6  | 440.8  | 414.5  |
| 65°    | 582.6  | 602.3  | 593.6  | 549.3  | 499.4  | 460.5  | 433.4  | 418.6  | 398.9  | 379.2  | 355.7  |
| 67.5°  | 446.2  | 484.3  | 479.2  | 455.7  | 412.5  | 382.2  | 364.4  | 351.3  | 333.4  | 318.7  | 302.8  |
| 70°    | 366.8  | 401.9  | 401.3  | 382.2  | 358.7  | 330.4  | 318.1  | 307.0  | 291.0  | 276.8  | 263.9  |
| 72.5°  | 300.2  | 332.4  | 337.2  | 322.5  | 306.5  | 285.1  | 273.2  | 265.6  | 250.0  | 240.3  | 229.8  |
| 75°    | 210.2  | 233.6  | 239.8  | 239.8  | 232.4  | 221.3  | 210.8  | 205.9  | 194.8  | 186.2  | 180.0  |
| 77.5°  | 137.9  | 152.7  | 162.3  | 164.4  | 165.6  | 161.8  | 153.3  | 149.8  | 141.2  | 138.2  | 132.3  |
| 80°    | 97.4   | 107.3  | 118.3  | 122.1  | 125.1  | 123.9  | 120.2  | 117.7  | 109.8  | 106.6  | 104.2  |
| 82.5°  | 67.3   | 72.8   | 81.9   | 90.0   | 89.2   | 92.4   | 89.2   | 87.2   | 81.1   | 80.0   | 77.6   |
| 85°    | 35.1   | 35.8   | 37.0   | 42.5   | 45.7   | 46.8   | 47.4   | 46.2   | 44.4   | 44.4   | 40.0   |
| 87.5°  | 15.2   | 14.4   | 15.0   | 14.6   | 14.7   | 16.2   | 17.3   | 17.3   | 16.2   | 15.2   | 14.2   |
| 90°    | 16.7   | 15.1   | 13.5   | 11.5   | 9.4    | 7.1    | 4.9    | 2.7    | 4.9    | 7.1    | 9.4    |
| 92.5°  | 16.0   | 14.4   | 12.8   | 11.9   | 11.8   | 11.6   | 11.5   | 11.4   | 11.5   | 11.6   | 11.8   |
| 95°    | 19.4   | 19.3   | 19.1   | 22.4   | 29.2   | 36.0   | 42.9   | 49.7   | 42.9   | 36.0   | 29.2   |
| 97.5°  | 68.7   | 91.0   | 113.5  | 122.5  | 118.3  | 114.0  | 109.8  | 105.5  | 109.8  | 114.0  | 118.3  |
| 100°   | 95.1   | 122.9  | 150.6  | 162.6  | 159.0  | 155.4  | 151.8  | 148.2  | 151.8  | 155.4  | 159.0  |
| 102.5° | 198.8  | 202.4  | 206.0  | 206.4  | 203.8  | 201.2  | 198.5  | 195.9  | 198.5  | 201.2  | 203.8  |
| 105°   | 279.9  | 278.8  | 277.9  | 276.8  | 275.5  | 274.4  | 273.1  | 272.0  | 273.1  | 274.4  | 275.5  |
| 107.5° | 348.7  | 347.3  | 346.0  | 345.0  | 344.4  | 343.8  | 343.2  | 342.6  | 343.2  | 343.8  | 344.4  |
| 110°   | 396.0  | 394.8  | 393.6  | 392.7  | 392.1  | 391.5  | 390.9  | 390.3  | 390.9  | 391.5  | 392.1  |





TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 442.8  | 442.3  | 441.8  | 440.9  | 439.8  | 438.7  | 437.7  | 436.6  | 437.7  | 438.7  | 439.8  |
| 115°   | 510.0  | 510.1  | 510.3  | 510.1  | 509.5  | 509.0  | 508.4  | 507.7  | 508.4  | 509.0  | 509.5  |
| 117.5° | 576.6  | 576.1  | 575.7  | 575.1  | 574.3  | 573.5  | 572.7  | 571.9  | 572.7  | 573.5  | 574.3  |
| 120°   | 618.4  | 618.6  | 618.8  | 618.5  | 617.7  | 616.9  | 616.1  | 615.3  | 616.1  | 616.9  | 617.7  |
| 122.5° | 658.6  | 658.4  | 658.1  | 657.6  | 657.2  | 656.7  | 656.2  | 655.8  | 656.2  | 656.7  | 657.2  |
| 125°   | 716.3  | 716.8  | 717.1  | 716.9  | 716.1  | 715.3  | 714.5  | 713.7  | 714.5  | 715.3  | 716.1  |
| 127.5° | 771.9  | 771.0  | 770.0  | 769.5  | 769.3  | 769.1  | 768.8  | 768.7  | 768.8  | 769.1  | 769.3  |
| 130°   | 806.5  | 805.9  | 805.3  | 804.9  | 804.7  | 804.5  | 804.3  | 804.1  | 804.3  | 804.5  | 804.7  |
| 132.5° | 840.2  | 839.4  | 838.7  | 838.0  | 837.7  | 837.3  | 837.0  | 836.6  | 837.0  | 837.3  | 837.7  |
| 135°   | 886.5  | 885.7  | 884.9  | 884.6  | 884.8  | 885.0  | 885.2  | 885.4  | 885.2  | 885.0  | 884.8  |
| 137.5° | 931.1  | 930.2  | 929.3  | 928.9  | 928.8  | 928.7  | 928.6  | 928.5  | 928.6  | 928.7  | 928.8  |
| 140°   | 959.6  | 959.2  | 958.8  | 958.4  | 958.0  | 957.6  | 957.2  | 956.8  | 957.2  | 957.6  | 958.0  |
| 142.5° | 985.9  | 985.7  | 985.4  | 985.0  | 984.3  | 983.5  | 982.8  | 982.0  | 982.8  | 983.5  | 984.3  |
| 145°   | 1023.6 | 1023.6 | 1023.6 | 1023.3 | 1022.7 | 1022.1 | 1021.5 | 1020.9 | 1021.5 | 1022.1 | 1022.7 |
| 147.5° | 1056.4 | 1056.6 | 1056.8 | 1056.3 | 1055.2 | 1054.1 | 1052.9 | 1051.8 | 1052.9 | 1054.1 | 1055.2 |
| 150°   | 1077.4 | 1077.5 | 1077.7 | 1077.5 | 1076.7 | 1075.8 | 1075.0 | 1074.2 | 1075.0 | 1075.8 | 1076.7 |
| 152.5° | 1095.0 | 1095.4 | 1095.7 | 1095.6 | 1094.9 | 1094.3 | 1093.7 | 1093.0 | 1093.7 | 1094.3 | 1094.9 |
| 155°   | 1118.8 | 1119.4 | 1120.0 | 1120.2 | 1120.0 | 1119.8 | 1119.6 | 1119.4 | 1119.6 | 1119.8 | 1120.0 |
| 157.5° | 1139.3 | 1140.1 | 1140.8 | 1141.1 | 1141.2 | 1141.4 | 1141.5 | 1141.7 | 1141.5 | 1141.4 | 1141.2 |
| 160°   | 1151.4 | 1151.6 | 1151.8 | 1152.2 | 1152.8 | 1153.4 | 1154.1 | 1154.6 | 1154.1 | 1153.4 | 1152.8 |
| 162.5° | 1162.3 | 1162.4 | 1162.6 | 1163.1 | 1163.9 | 1164.7 | 1165.5 | 1166.2 | 1165.5 | 1164.7 | 1163.9 |
| 165°   | 1176.3 | 1176.3 | 1176.3 | 1176.8 | 1177.8 | 1178.8 | 1179.8 | 1180.8 | 1179.8 | 1178.8 | 1177.8 |
| 167.5° | 1187.4 | 1187.5 | 1187.7 | 1188.2 | 1189.3 | 1190.3 | 1191.3 | 1192.4 | 1191.3 | 1190.3 | 1189.3 |
| 170°   | 1194.0 | 1193.7 | 1193.6 | 1194.1 | 1195.2 | 1196.5 | 1197.7 | 1198.9 | 1197.7 | 1196.5 | 1195.2 |
| 172.5° | 1198.3 | 1198.1 | 1197.9 | 1198.4 | 1199.6 | 1200.8 | 1202.0 | 1203.2 | 1202.0 | 1200.8 | 1199.6 |
| 175°   | 1203.0 | 1202.8 | 1202.7 | 1203.1 | 1204.3 | 1205.5 | 1206.8 | 1207.9 | 1206.8 | 1205.5 | 1204.3 |
| 177.5° | 1205.9 | 1205.5 | 1205.2 | 1205.6 | 1206.8 | 1207.8 | 1209.0 | 1210.1 | 1209.0 | 1207.8 | 1206.8 |
| 180°   | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5°   | 1502.4 | 1497.4 | 1491.0 | 1483.6 | 1474.8 | 1466.9 | 1463.5 | 1466.4 | 1467.8 | 1463.9 | 1463.5 |
| 5°     | 1456.7 | 1441.3 | 1428.9 | 1410.4 | 1395.6 | 1383.3 | 1374.7 | 1371.0 | 1372.2 | 1362.4 | 1359.9 |
| 7.5°   | 1405.2 | 1387.0 | 1366.8 | 1344.8 | 1324.4 | 1306.3 | 1296.7 | 1291.6 | 1281.1 | 1276.7 | 1269.2 |
| 10°    | 1372.2 | 1347.6 | 1327.8 | 1301.9 | 1278.5 | 1257.0 | 1246.4 | 1237.8 | 1227.4 | 1222.4 | 1211.9 |
| 12.5°  | 1338.2 | 1309.6 | 1287.9 | 1261.0 | 1237.1 | 1211.0 | 1201.0 | 1185.1 | 1168.7 | 1158.3 | 1144.9 |
| 15°    | 1290.2 | 1255.7 | 1229.2 | 1197.1 | 1168.8 | 1139.2 | 1112.7 | 1083.1 | 1072.0 | 1048.6 | 1035.0 |
| 17.5°  | 1234.1 | 1199.1 | 1166.3 | 1123.3 | 1079.5 | 1042.8 | 1014.5 | 986.1  | 969.2  | 954.2  | 947.4  |
| 20°    | 1197.1 | 1165.1 | 1119.5 | 1069.5 | 1020.8 | 980.2  | 957.3  | 938.9  | 920.3  | 909.9  | 902.5  |
| 22.5°  | 1162.1 | 1121.1 | 1068.2 | 1014.3 | 965.6  | 933.8  | 914.4  | 895.5  | 880.4  | 870.4  | 860.6  |
| 25°    | 1103.4 | 1049.8 | 993.7  | 932.1  | 898.8  | 871.0  | 850.1  | 834.6  | 825.5  | 812.4  | 807.5  |
| 27.5°  | 1043.1 | 978.2  | 916.3  | 874.9  | 840.2  | 814.8  | 796.6  | 785.0  | 773.3  | 765.0  | 758.6  |
| 30°    | 996.8  | 930.9  | 875.4  | 835.9  | 800.8  | 779.8  | 765.0  | 751.4  | 742.2  | 735.4  | 730.5  |
| 32.5°  | 950.9  | 884.9  | 838.4  | 795.9  | 768.2  | 747.8  | 732.0  | 721.8  | 714.6  | 705.8  | 702.8  |
| 35°    | 884.6  | 826.0  | 785.3  | 747.2  | 718.8  | 700.3  | 688.0  | 677.4  | 671.3  | 668.9  | 667.0  |
| 37.5°  | 820.8  | 772.9  | 729.2  | 697.9  | 672.5  | 658.0  | 643.5  | 638.3  | 634.1  | 629.6  | 631.6  |
| 40°    | 780.4  | 735.4  | 696.6  | 663.3  | 642.9  | 627.0  | 618.3  | 612.2  | 608.4  | 608.4  | 608.4  |
| 42.5°  | 745.4  | 701.4  | 663.5  | 633.7  | 613.3  | 599.8  | 590.2  | 585.0  | 583.8  | 583.3  | 586.2  |
| 45°    | 691.1  | 650.3  | 612.2  | 587.5  | 570.2  | 556.6  | 551.1  | 546.8  | 546.8  | 549.3  | 549.8  |
| 47.5°  | 637.1  | 599.1  | 568.4  | 540.7  | 525.0  | 516.5  | 511.7  | 509.4  | 509.7  | 512.1  | 515.0  |
| 50°    | 604.1  | 566.5  | 536.3  | 511.7  | 496.9  | 488.8  | 484.6  | 483.3  | 484.6  | 484.6  | 488.8  |
| 52.5°  | 568.1  | 534.5  | 504.7  | 484.0  | 467.3  | 459.8  | 457.4  | 455.7  | 456.4  | 458.4  | 460.2  |
| 55°    | 515.3  | 485.2  | 456.8  | 437.0  | 424.7  | 419.8  | 414.3  | 414.8  | 413.7  | 414.8  | 414.8  |
| 57.5°  | 462.4  | 435.3  | 408.9  | 393.3  | 382.5  | 375.3  | 369.3  | 371.0  | 369.2  | 368.9  | 367.9  |
| 60°    | 428.5  | 398.9  | 377.9  | 363.7  | 351.3  | 345.2  | 339.7  | 340.9  | 339.0  | 337.8  | 335.4  |
| 62.5°  | 391.5  | 366.8  | 346.8  | 333.1  | 323.2  | 316.1  | 310.6  | 309.3  | 305.1  | 300.9  | 295.4  |
| 65°    | 337.8  | 317.4  | 299.6  | 286.7  | 277.4  | 271.9  | 267.5  | 263.9  | 254.6  | 244.7  | 239.8  |
| 67.5°  | 285.7  | 271.0  | 254.3  | 243.3  | 235.9  | 228.5  | 220.3  | 214.0  | 205.4  | 200.0  | 196.9  |
| 70°    | 252.1  | 237.9  | 223.7  | 213.3  | 205.3  | 198.5  | 189.2  | 184.9  | 178.8  | 176.3  | 173.3  |
| 72.5°  | 220.1  | 206.9  | 193.7  | 184.2  | 175.7  | 170.4  | 163.1  | 158.8  | 156.0  | 155.1  | 152.0  |
| 75°    | 171.4  | 160.9  | 151.1  | 142.4  | 135.6  | 131.9  | 128.9  | 125.7  | 124.5  | 119.0  | 115.9  |
| 77.5°  | 125.0  | 118.2  | 111.9  | 105.8  | 100.9  | 98.5   | 92.6   | 89.0   | 86.9   | 84.4   | 83.7   |
| 80°    | 97.4   | 92.5   | 86.3   | 82.6   | 75.8   | 73.4   | 70.9   | 70.3   | 69.6   | 69.0   | 68.4   |
| 82.5°  | 73.2   | 68.3   | 62.2   | 59.9   | 58.1   | 56.6   | 55.1   | 54.5   | 53.9   | 54.2   | 54.1   |
| 85°    | 37.0   | 34.5   | 34.5   | 33.9   | 33.3   | 32.6   | 32.0   | 32.0   | 31.5   | 32.0   | 31.5   |
| 87.5°  | 14.6   | 14.5   | 14.9   | 14.2   | 15.0   | 15.3   | 15.1   | 15.3   | 16.1   | 15.3   | 15.4   |
| 90°    | 11.5   | 13.5   | 15.1   | 16.7   | 18.3   | 19.9   | 21.0   | 22.3   | 23.5   | 24.7   | 25.5   |
| 92.5°  | 11.9   | 12.8   | 14.4   | 16.0   | 17.6   | 19.2   | 20.3   | 21.6   | 22.7   | 24.0   | 24.6   |
| 95°    | 22.4   | 19.1   | 19.3   | 19.4   | 19.7   | 19.9   | 21.0   | 22.3   | 23.5   | 24.7   | 25.4   |
| 97.5°  | 122.5  | 113.5  | 91.0   | 68.7   | 46.3   | 23.8   | 24.0   | 24.1   | 24.3   | 24.3   | 24.5   |
| 100°   | 162.6  | 150.6  | 122.9  | 95.1   | 67.5   | 39.8   | 36.4   | 32.9   | 29.5   | 26.1   | 24.5   |
| 102.5° | 206.4  | 206.0  | 202.4  | 198.8  | 195.1  | 191.5  | 154.7  | 117.9  | 81.1   | 44.2   | 25.9   |
| 105°   | 276.8  | 277.9  | 278.8  | 279.9  | 280.9  | 281.9  | 283.7  | 285.5  | 287.3  | 289.1  | 286.4  |
| 107.5° | 345.0  | 346.0  | 347.3  | 348.7  | 350.1  | 351.4  | 352.3  | 353.2  | 354.1  | 355.0  | 355.8  |
| 110°   | 392.7  | 393.6  | 394.8  | 396.0  | 397.3  | 398.4  | 398.9  | 399.2  | 399.7  | 400.0  | 400.6  |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 440.9  | 441.8  | 442.3  | 442.8  | 443.4  | 444.0  | 443.9  | 443.8  | 443.7  | 443.6  | 444.0  |
| 115°   | 510.1  | 510.3  | 510.1  | 510.0  | 509.8  | 509.5  | 510.0  | 510.3  | 510.8  | 511.1  | 511.4  |
| 117.5° | 575.1  | 575.7  | 576.1  | 576.6  | 577.0  | 577.5  | 577.4  | 577.3  | 577.3  | 577.2  | 577.1  |
| 120°   | 618.5  | 618.8  | 618.6  | 618.4  | 618.1  | 618.0  | 618.4  | 618.8  | 619.2  | 619.6  | 619.6  |
| 122.5° | 657.6  | 658.1  | 658.4  | 658.6  | 658.9  | 659.2  | 659.4  | 659.7  | 659.9  | 660.1  | 660.0  |
| 125°   | 716.9  | 717.1  | 716.8  | 716.3  | 716.0  | 715.5  | 716.1  | 716.8  | 717.4  | 717.9  | 718.4  |
| 127.5° | 769.5  | 770.0  | 771.0  | 771.9  | 772.8  | 773.7  | 773.6  | 773.5  | 773.4  | 773.2  | 773.1  |
| 130°   | 804.9  | 805.3  | 805.9  | 806.5  | 807.1  | 807.7  | 807.9  | 808.1  | 808.3  | 808.5  | 808.6  |
| 132.5° | 838.0  | 838.7  | 839.4  | 840.2  | 840.9  | 841.7  | 841.9  | 842.0  | 842.3  | 842.5  | 842.5  |
| 135°   | 884.6  | 884.9  | 885.7  | 886.5  | 887.3  | 888.1  | 888.5  | 888.9  | 889.3  | 889.7  | 890.1  |
| 137.5° | 928.9  | 929.3  | 930.2  | 931.1  | 932.0  | 932.9  | 933.4  | 933.8  | 934.2  | 934.7  | 934.9  |
| 140°   | 958.4  | 958.8  | 959.2  | 959.6  | 960.0  | 960.4  | 961.0  | 961.6  | 962.2  | 962.8  | 963.2  |
| 142.5° | 985.0  | 985.4  | 985.7  | 985.9  | 986.1  | 986.4  | 986.9  | 987.3  | 987.7  | 988.2  | 988.4  |
| 145°   | 1023.3 | 1023.6 | 1023.6 | 1023.6 | 1023.6 | 1023.6 | 1023.9 | 1024.0 | 1024.2 | 1024.4 | 1024.8 |
| 147.5° | 1056.3 | 1056.8 | 1056.6 | 1056.4 | 1056.1 | 1056.0 | 1056.1 | 1056.3 | 1056.4 | 1056.6 | 1056.8 |
| 150°   | 1077.5 | 1077.7 | 1077.5 | 1077.4 | 1077.1 | 1076.9 | 1076.9 | 1076.9 | 1076.9 | 1076.9 | 1077.0 |
| 152.5° | 1095.6 | 1095.7 | 1095.4 | 1095.0 | 1094.7 | 1094.3 | 1094.6 | 1094.9 | 1095.2 | 1095.6 | 1095.6 |
| 155°   | 1120.2 | 1120.0 | 1119.4 | 1118.8 | 1118.2 | 1117.6 | 1118.4 | 1119.2 | 1120.0 | 1120.8 | 1120.9 |
| 157.5° | 1141.1 | 1140.8 | 1140.1 | 1139.3 | 1138.7 | 1138.0 | 1139.1 | 1140.1 | 1141.1 | 1142.2 | 1142.2 |
| 160°   | 1152.2 | 1151.8 | 1151.6 | 1151.4 | 1151.2 | 1151.0 | 1152.2 | 1153.4 | 1154.6 | 1155.8 | 1155.8 |
| 162.5° | 1163.1 | 1162.6 | 1162.4 | 1162.3 | 1162.1 | 1161.8 | 1163.1 | 1164.2 | 1165.5 | 1166.6 | 1166.6 |
| 165°   | 1176.8 | 1176.3 | 1176.3 | 1176.3 | 1176.3 | 1176.3 | 1177.9 | 1179.6 | 1181.2 | 1182.8 | 1182.6 |
| 167.5° | 1188.2 | 1187.7 | 1187.5 | 1187.4 | 1187.3 | 1187.1 | 1188.9 | 1190.7 | 1192.5 | 1194.2 | 1194.1 |
| 170°   | 1194.1 | 1193.6 | 1193.7 | 1194.0 | 1194.2 | 1194.4 | 1196.0 | 1197.6 | 1199.2 | 1200.8 | 1200.6 |
| 172.5° | 1198.4 | 1197.9 | 1198.1 | 1198.3 | 1198.5 | 1198.7 | 1200.3 | 1201.9 | 1203.5 | 1205.1 | 1204.9 |
| 175°   | 1203.1 | 1202.7 | 1202.8 | 1203.0 | 1203.2 | 1203.5 | 1205.2 | 1207.0 | 1208.8 | 1210.7 | 1210.3 |
| 177.5° | 1205.6 | 1205.2 | 1205.5 | 1205.9 | 1206.1 | 1206.5 | 1207.7 | 1209.1 | 1210.3 | 1211.7 | 1211.3 |
| 180°   | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5°   | 1460.4 | 1461.4 | 1458.0 | 1457.1 | 1458.0 | 1461.4 | 1460.4 | 1463.5 | 1463.9 | 1467.8 | 1466.4 |
| 5°     | 1355.0 | 1353.7 | 1350.6 | 1351.2 | 1350.6 | 1353.7 | 1355.0 | 1359.9 | 1362.4 | 1372.2 | 1371.0 |
| 7.5°   | 1264.7 | 1259.9 | 1261.2 | 1256.3 | 1261.2 | 1259.9 | 1264.7 | 1269.2 | 1276.7 | 1281.1 | 1291.6 |
| 10°    | 1209.4 | 1202.7 | 1197.1 | 1192.2 | 1197.1 | 1202.7 | 1209.4 | 1211.9 | 1222.4 | 1227.4 | 1237.8 |
| 12.5°  | 1134.0 | 1128.2 | 1120.7 | 1122.2 | 1120.7 | 1128.2 | 1134.0 | 1144.9 | 1158.3 | 1168.7 | 1185.1 |
| 15°    | 1027.0 | 1017.7 | 1003.0 | 1004.8 | 1003.0 | 1017.7 | 1027.0 | 1035.0 | 1048.6 | 1072.0 | 1083.1 |
| 17.5°  | 936.4  | 936.5  | 929.7  | 931.3  | 929.7  | 936.5  | 936.4  | 947.4  | 954.2  | 969.2  | 986.1  |
| 20°    | 889.6  | 885.2  | 885.8  | 884.0  | 885.8  | 885.2  | 889.6  | 902.5  | 909.9  | 920.3  | 938.9  |
| 22.5°  | 857.0  | 851.7  | 847.4  | 843.6  | 847.4  | 851.7  | 857.0  | 860.6  | 870.4  | 880.4  | 895.5  |
| 25°    | 802.0  | 798.3  | 792.7  | 791.5  | 792.7  | 798.3  | 802.0  | 807.5  | 812.4  | 825.5  | 834.6  |
| 27.5°  | 753.7  | 753.0  | 750.7  | 747.9  | 750.7  | 753.0  | 753.7  | 758.6  | 765.0  | 773.3  | 785.0  |
| 30°    | 725.6  | 724.3  | 723.1  | 721.2  | 723.1  | 724.3  | 725.6  | 730.5  | 735.4  | 742.2  | 751.4  |
| 32.5°  | 700.4  | 699.6  | 698.4  | 698.6  | 698.4  | 699.6  | 700.4  | 702.8  | 705.8  | 714.6  | 721.8  |
| 35°    | 664.5  | 663.9  | 662.7  | 662.1  | 662.7  | 663.9  | 664.5  | 667.0  | 668.9  | 671.3  | 677.4  |
| 37.5°  | 631.0  | 632.6  | 631.9  | 631.7  | 631.9  | 632.6  | 631.0  | 631.6  | 629.6  | 634.1  | 638.3  |
| 40°    | 607.8  | 608.4  | 609.7  | 609.0  | 609.7  | 608.4  | 607.8  | 608.4  | 608.4  | 608.4  | 612.2  |
| 42.5°  | 588.6  | 588.7  | 590.4  | 588.4  | 590.4  | 588.7  | 588.6  | 586.2  | 583.3  | 583.8  | 585.0  |
| 45°    | 554.2  | 557.9  | 557.2  | 557.2  | 557.2  | 557.9  | 554.2  | 549.8  | 549.3  | 546.8  | 546.8  |
| 47.5°  | 516.6  | 519.8  | 520.7  | 520.5  | 520.7  | 519.8  | 516.6  | 515.0  | 512.1  | 509.7  | 509.4  |
| 50°    | 492.0  | 490.7  | 492.6  | 492.0  | 492.6  | 490.7  | 492.0  | 488.8  | 484.6  | 484.6  | 483.3  |
| 52.5°  | 461.8  | 462.1  | 462.0  | 461.4  | 462.0  | 462.1  | 461.8  | 460.2  | 458.4  | 456.4  | 455.7  |
| 55°    | 415.4  | 416.1  | 414.8  | 415.4  | 414.8  | 416.1  | 415.4  | 414.8  | 414.8  | 413.7  | 414.8  |
| 57.5°  | 365.2  | 362.2  | 363.5  | 361.9  | 363.5  | 362.2  | 365.2  | 367.9  | 368.9  | 369.2  | 371.0  |
| 60°    | 329.2  | 324.2  | 323.0  | 320.6  | 323.0  | 324.2  | 329.2  | 335.4  | 337.8  | 339.0  | 340.9  |
| 62.5°  | 288.7  | 285.3  | 281.1  | 283.0  | 281.1  | 285.3  | 288.7  | 295.4  | 300.9  | 305.1  | 309.3  |
| 65°    | 234.9  | 232.4  | 230.5  | 233.0  | 230.5  | 232.4  | 234.9  | 239.8  | 244.7  | 254.6  | 263.9  |
| 67.5°  | 194.4  | 193.1  | 193.1  | 191.8  | 193.1  | 193.1  | 194.4  | 196.9  | 200.0  | 205.4  | 214.0  |
| 70°    | 173.3  | 171.4  | 171.4  | 170.1  | 171.4  | 171.4  | 173.3  | 173.3  | 176.3  | 178.8  | 184.9  |
| 72.5°  | 151.5  | 149.6  | 150.2  | 149.5  | 150.2  | 149.6  | 151.5  | 152.0  | 155.1  | 156.0  | 158.8  |
| 75°    | 112.2  | 109.1  | 109.1  | 109.8  | 109.1  | 109.1  | 112.2  | 115.9  | 119.0  | 124.5  | 125.7  |
| 77.5°  | 83.7   | 83.1   | 84.0   | 82.8   | 84.0   | 83.1   | 83.7   | 83.7   | 84.4   | 86.9   | 89.0   |
| 80°    | 68.4   | 67.8   | 67.2   | 69.0   | 67.2   | 67.8   | 68.4   | 68.4   | 69.0   | 69.6   | 70.3   |
| 82.5°  | 53.1   | 53.1   | 52.9   | 55.2   | 52.9   | 53.1   | 53.1   | 54.1   | 54.2   | 53.9   | 54.5   |
| 85°    | 32.0   | 30.9   | 32.0   | 30.9   | 32.0   | 30.9   | 32.0   | 31.5   | 32.0   | 31.5   | 32.0   |
| 87.5°  | 16.5   | 16.1   | 15.7   | 16.2   | 15.7   | 16.1   | 16.5   | 15.4   | 15.3   | 16.1   | 15.3   |
| 90°    | 25.9   | 26.3   | 26.7   | 27.1   | 26.7   | 26.3   | 25.9   | 25.5   | 24.7   | 23.5   | 22.3   |
| 92.5°  | 24.7   | 24.8   | 24.9   | 25.0   | 24.9   | 24.8   | 24.7   | 24.6   | 24.0   | 22.7   | 21.6   |
| 95°    | 25.6   | 25.8   | 26.0   | 26.2   | 26.0   | 25.8   | 25.6   | 25.4   | 24.7   | 23.5   | 22.3   |
| 97.5°  | 24.7   | 24.9   | 25.1   | 25.3   | 25.1   | 24.9   | 24.7   | 24.5   | 24.3   | 24.3   | 24.1   |
| 100°   | 24.7   | 24.9   | 25.1   | 25.3   | 25.1   | 24.9   | 24.7   | 24.5   | 26.1   | 29.5   | 32.9   |
| 102.5° | 25.9   | 25.9   | 25.9   | 26.0   | 25.9   | 25.9   | 25.9   | 25.9   | 44.2   | 81.1   | 117.9  |
| 105°   | 279.2  | 272.0  | 264.7  | 257.5  | 264.7  | 272.0  | 279.2  | 286.4  | 289.1  | 287.3  | 285.5  |
| 107.5° | 356.6  | 357.3  | 358.1  | 358.8  | 358.1  | 357.3  | 356.6  | 355.8  | 355.0  | 354.1  | 353.2  |
| 110°   | 401.2  | 401.7  | 402.3  | 403.0  | 402.3  | 401.7  | 401.2  | 400.6  | 400.0  | 399.7  | 399.2  |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 444.8  | 445.5  | 446.3  | 447.0  | 446.3  | 445.5  | 444.8  | 444.0  | 443.6  | 443.7  | 443.8  |
| 115°   | 511.4  | 511.4  | 511.4  | 511.4  | 511.4  | 511.4  | 511.4  | 511.4  | 511.1  | 510.8  | 510.3  |
| 117.5° | 577.0  | 576.9  | 576.8  | 576.8  | 576.8  | 576.9  | 577.0  | 577.1  | 577.2  | 577.3  | 577.3  |
| 120°   | 619.2  | 618.8  | 618.4  | 618.0  | 618.4  | 618.8  | 619.2  | 619.6  | 619.6  | 619.2  | 618.8  |
| 122.5° | 659.7  | 659.2  | 658.9  | 658.4  | 658.9  | 659.2  | 659.7  | 660.0  | 660.1  | 659.9  | 659.7  |
| 125°   | 718.5  | 718.7  | 719.0  | 719.2  | 719.0  | 718.7  | 718.5  | 718.4  | 717.9  | 717.4  | 716.8  |
| 127.5° | 772.9  | 772.8  | 772.6  | 772.5  | 772.6  | 772.8  | 772.9  | 773.1  | 773.2  | 773.4  | 773.5  |
| 130°   | 808.6  | 808.6  | 808.6  | 808.6  | 808.6  | 808.6  | 808.6  | 808.6  | 808.5  | 808.3  | 808.1  |
| 132.5° | 842.3  | 842.1  | 842.0  | 841.9  | 842.0  | 842.1  | 842.3  | 842.5  | 842.5  | 842.3  | 842.0  |
| 135°   | 890.6  | 890.9  | 891.4  | 891.7  | 891.4  | 890.9  | 890.6  | 890.1  | 889.7  | 889.3  | 888.9  |
| 137.5° | 934.7  | 934.6  | 934.5  | 934.3  | 934.5  | 934.6  | 934.7  | 934.9  | 934.7  | 934.2  | 933.8  |
| 140°   | 963.4  | 963.6  | 963.8  | 964.0  | 963.8  | 963.6  | 963.4  | 963.2  | 962.8  | 962.2  | 961.6  |
| 142.5° | 988.5  | 988.5  | 988.6  | 988.6  | 988.6  | 988.5  | 988.5  | 988.4  | 988.2  | 987.7  | 987.3  |
| 145°   | 1025.1 | 1025.6 | 1025.9 | 1026.4 | 1025.9 | 1025.6 | 1025.1 | 1024.8 | 1024.4 | 1024.2 | 1024.0 |
| 147.5° | 1057.0 | 1057.2 | 1057.4 | 1057.6 | 1057.4 | 1057.2 | 1057.0 | 1056.8 | 1056.6 | 1056.4 | 1056.3 |
| 150°   | 1077.2 | 1077.5 | 1077.6 | 1077.8 | 1077.6 | 1077.5 | 1077.2 | 1077.0 | 1076.9 | 1076.9 | 1076.9 |
| 152.5° | 1095.6 | 1095.4 | 1095.3 | 1095.2 | 1095.3 | 1095.4 | 1095.6 | 1095.6 | 1095.6 | 1095.2 | 1094.9 |
| 155°   | 1120.3 | 1119.7 | 1119.1 | 1118.5 | 1119.1 | 1119.7 | 1120.3 | 1120.9 | 1120.8 | 1120.0 | 1119.2 |
| 157.5° | 1141.1 | 1140.1 | 1139.1 | 1138.0 | 1139.1 | 1140.1 | 1141.1 | 1142.2 | 1142.2 | 1141.1 | 1140.1 |
| 160°   | 1154.6 | 1153.4 | 1152.2 | 1151.0 | 1152.2 | 1153.4 | 1154.6 | 1155.8 | 1155.8 | 1154.6 | 1153.4 |
| 162.5° | 1165.2 | 1163.9 | 1162.5 | 1161.1 | 1162.5 | 1163.9 | 1165.2 | 1166.6 | 1166.6 | 1165.5 | 1164.2 |
| 165°   | 1180.8 | 1179.0 | 1177.2 | 1175.4 | 1177.2 | 1179.0 | 1180.8 | 1182.6 | 1182.8 | 1181.2 | 1179.6 |
| 167.5° | 1192.1 | 1190.1 | 1188.1 | 1186.1 | 1188.1 | 1190.1 | 1192.1 | 1194.1 | 1194.2 | 1192.5 | 1190.7 |
| 170°   | 1198.5 | 1196.6 | 1194.5 | 1192.6 | 1194.5 | 1196.6 | 1198.5 | 1200.6 | 1200.8 | 1199.2 | 1197.6 |
| 172.5° | 1202.7 | 1200.5 | 1198.4 | 1196.1 | 1198.4 | 1200.5 | 1202.7 | 1204.9 | 1205.1 | 1203.5 | 1201.9 |
| 175°   | 1207.9 | 1205.5 | 1203.1 | 1200.7 | 1203.1 | 1205.5 | 1207.9 | 1210.3 | 1210.7 | 1208.8 | 1207.0 |
| 177.5° | 1209.3 | 1207.5 | 1205.5 | 1203.6 | 1205.5 | 1207.5 | 1209.3 | 1211.3 | 1211.7 | 1210.3 | 1209.1 |
| 180°   | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 |



TEST NUMBER: P333083-940

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5°   | 1463.5 | 1466.9 | 1474.8 | 1483.6 | 1491.0 | 1497.4 | 1502.4 | 1509.3 | 1515.7 | 1524.6 | 1532.9 |
| 5°     | 1374.7 | 1383.3 | 1395.6 | 1410.4 | 1428.9 | 1441.3 | 1456.7 | 1470.3 | 1490.0 | 1509.7 | 1528.7 |
| 7.5°   | 1296.7 | 1306.3 | 1324.4 | 1344.8 | 1366.8 | 1387.0 | 1405.2 | 1429.1 | 1455.3 | 1484.0 | 1516.1 |
| 10°    | 1246.4 | 1257.0 | 1278.5 | 1301.9 | 1327.8 | 1347.6 | 1372.2 | 1400.5 | 1430.1 | 1465.3 | 1504.8 |
| 12.5°  | 1201.0 | 1211.0 | 1237.1 | 1261.0 | 1287.9 | 1309.6 | 1338.2 | 1367.0 | 1406.5 | 1444.6 | 1489.4 |
| 15°    | 1112.7 | 1139.2 | 1168.8 | 1197.1 | 1229.2 | 1255.7 | 1290.2 | 1319.8 | 1357.5 | 1411.0 | 1462.2 |
| 17.5°  | 1014.5 | 1042.8 | 1079.5 | 1123.3 | 1166.3 | 1199.1 | 1234.1 | 1270.9 | 1315.6 | 1370.4 | 1429.4 |
| 20°    | 957.3  | 980.2  | 1020.8 | 1069.5 | 1119.5 | 1165.1 | 1197.1 | 1237.8 | 1284.1 | 1343.3 | 1404.3 |
| 22.5°  | 914.4  | 933.8  | 965.6  | 1014.3 | 1068.2 | 1121.1 | 1162.1 | 1202.3 | 1253.5 | 1312.7 | 1379.1 |
| 25°    | 850.1  | 871.0  | 898.8  | 932.1  | 993.7  | 1049.8 | 1103.4 | 1149.7 | 1203.9 | 1263.1 | 1337.0 |
| 27.5°  | 796.6  | 814.8  | 840.2  | 874.9  | 916.3  | 978.2  | 1043.1 | 1095.9 | 1151.6 | 1215.0 | 1289.1 |
| 30°    | 765.0  | 779.8  | 800.8  | 835.9  | 875.4  | 930.9  | 996.8  | 1058.5 | 1114.5 | 1180.4 | 1257.6 |
| 32.5°  | 732.0  | 747.8  | 768.2  | 795.9  | 838.4  | 884.9  | 950.9  | 1018.5 | 1078.1 | 1145.5 | 1221.0 |
| 35°    | 688.0  | 700.3  | 718.8  | 747.2  | 785.3  | 826.0  | 884.6  | 954.2  | 1017.2 | 1089.2 | 1161.4 |
| 37.5°  | 643.5  | 658.0  | 672.5  | 697.9  | 729.2  | 772.9  | 820.8  | 892.0  | 961.6  | 1027.5 | 1097.9 |
| 40°    | 618.3  | 627.0  | 642.9  | 663.3  | 696.6  | 735.4  | 780.4  | 850.1  | 919.7  | 985.1  | 1056.0 |
| 42.5°  | 590.2  | 599.8  | 613.3  | 633.7  | 663.5  | 701.4  | 745.4  | 805.7  | 878.3  | 941.6  | 1006.1 |
| 45°    | 551.1  | 556.6  | 570.2  | 587.5  | 612.2  | 650.3  | 691.1  | 744.7  | 813.1  | 873.5  | 930.2  |
| 47.5°  | 511.7  | 516.5  | 525.0  | 540.7  | 568.4  | 599.1  | 637.1  | 685.3  | 745.3  | 805.7  | 853.6  |
| 50°    | 484.6  | 488.8  | 496.9  | 511.7  | 536.3  | 566.5  | 604.1  | 647.3  | 700.9  | 758.8  | 798.9  |
| 52.5°  | 457.4  | 459.8  | 467.3  | 484.0  | 504.7  | 534.5  | 568.1  | 607.8  | 658.0  | 706.1  | 746.6  |
| 55°    | 414.3  | 419.8  | 424.7  | 437.0  | 456.8  | 485.2  | 515.3  | 552.9  | 591.8  | 632.5  | 667.0  |
| 57.5°  | 369.3  | 375.3  | 382.5  | 393.3  | 408.9  | 435.3  | 462.4  | 492.9  | 526.1  | 559.8  | 588.8  |
| 60°    | 339.7  | 345.2  | 351.3  | 363.7  | 377.9  | 398.9  | 428.5  | 455.0  | 480.2  | 511.0  | 540.0  |
| 62.5°  | 310.6  | 316.1  | 323.2  | 333.1  | 346.8  | 366.8  | 391.5  | 414.5  | 440.8  | 467.6  | 489.2  |
| 65°    | 267.5  | 271.9  | 277.4  | 286.7  | 299.6  | 317.4  | 337.8  | 355.7  | 379.2  | 398.9  | 418.6  |
| 67.5°  | 220.3  | 228.5  | 235.9  | 243.3  | 254.3  | 271.0  | 285.7  | 302.8  | 318.7  | 333.4  | 351.3  |
| 70°    | 189.2  | 198.5  | 205.3  | 213.3  | 223.7  | 237.9  | 252.1  | 263.9  | 276.8  | 291.0  | 307.0  |
| 72.5°  | 163.1  | 170.4  | 175.7  | 184.2  | 193.7  | 206.9  | 220.1  | 229.8  | 240.3  | 250.0  | 265.6  |
| 75°    | 128.9  | 131.9  | 135.6  | 142.4  | 151.1  | 160.9  | 171.4  | 180.0  | 186.2  | 194.8  | 205.9  |
| 77.5°  | 92.6   | 98.5   | 100.9  | 105.8  | 111.9  | 118.2  | 125.0  | 132.3  | 138.2  | 141.2  | 149.8  |
| 80°    | 70.9   | 73.4   | 75.8   | 82.6   | 86.3   | 92.5   | 97.4   | 104.2  | 106.6  | 109.8  | 117.7  |
| 82.5°  | 55.1   | 56.6   | 58.1   | 59.9   | 62.2   | 68.3   | 73.2   | 77.6   | 80.0   | 81.1   | 87.2   |
| 85°    | 32.0   | 32.6   | 33.3   | 33.9   | 34.5   | 34.5   | 37.0   | 40.0   | 44.4   | 44.4   | 46.2   |
| 87.5°  | 15.1   | 15.3   | 15.0   | 14.2   | 14.9   | 14.5   | 14.6   | 14.2   | 15.2   | 16.2   | 17.3   |
| 90°    | 21.0   | 19.9   | 18.3   | 16.7   | 15.1   | 13.5   | 11.5   | 9.4    | 7.1    | 4.9    | 2.7    |
| 92.5°  | 20.3   | 19.2   | 17.6   | 16.0   | 14.4   | 12.8   | 11.9   | 11.8   | 11.6   | 11.5   | 11.4   |
| 95°    | 21.0   | 19.9   | 19.7   | 19.4   | 19.3   | 19.1   | 22.4   | 29.2   | 36.0   | 42.9   | 49.7   |
| 97.5°  | 24.0   | 23.8   | 46.3   | 68.7   | 91.0   | 113.5  | 122.5  | 118.3  | 114.0  | 109.8  | 105.5  |
| 100°   | 36.4   | 39.8   | 67.5   | 95.1   | 122.9  | 150.6  | 162.6  | 159.0  | 155.4  | 151.8  | 148.2  |
| 102.5° | 154.7  | 191.5  | 195.1  | 198.8  | 202.4  | 206.0  | 206.4  | 203.8  | 201.2  | 198.5  | 195.9  |
| 105°   | 283.7  | 281.9  | 280.9  | 279.9  | 278.8  | 277.9  | 276.8  | 275.5  | 274.4  | 273.1  | 272.0  |
| 107.5° | 352.3  | 351.4  | 350.1  | 348.7  | 347.3  | 346.0  | 345.0  | 344.4  | 343.8  | 343.2  | 342.6  |
| 110°   | 398.9  | 398.4  | 397.3  | 396.0  | 394.8  | 393.6  | 392.7  | 392.1  | 391.5  | 390.9  | 390.3  |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 443.9  | 444.0  | 443.4  | 442.8  | 442.3  | 441.8  | 440.9  | 439.8  | 438.7  | 437.7  | 436.6  |
| 115°   | 510.0  | 509.5  | 509.8  | 510.0  | 510.1  | 510.3  | 510.1  | 509.5  | 509.0  | 508.4  | 507.7  |
| 117.5° | 577.4  | 577.5  | 577.0  | 576.6  | 576.1  | 575.7  | 575.1  | 574.3  | 573.5  | 572.7  | 571.9  |
| 120°   | 618.4  | 618.0  | 618.1  | 618.4  | 618.6  | 618.8  | 618.5  | 617.7  | 616.9  | 616.1  | 615.3  |
| 122.5° | 659.4  | 659.2  | 658.9  | 658.6  | 658.4  | 658.1  | 657.6  | 657.2  | 656.7  | 656.2  | 655.8  |
| 125°   | 716.1  | 715.5  | 716.0  | 716.3  | 716.8  | 717.1  | 716.9  | 716.1  | 715.3  | 714.5  | 713.7  |
| 127.5° | 773.6  | 773.7  | 772.8  | 771.9  | 771.0  | 770.0  | 769.5  | 769.3  | 769.1  | 768.8  | 768.7  |
| 130°   | 807.9  | 807.7  | 807.1  | 806.5  | 805.9  | 805.3  | 804.9  | 804.7  | 804.5  | 804.3  | 804.1  |
| 132.5° | 841.9  | 841.7  | 840.9  | 840.2  | 839.4  | 838.7  | 838.0  | 837.7  | 837.3  | 837.0  | 836.6  |
| 135°   | 888.5  | 888.1  | 887.3  | 886.5  | 885.7  | 884.9  | 884.6  | 884.8  | 885.0  | 885.2  | 885.4  |
| 137.5° | 933.4  | 932.9  | 932.0  | 931.1  | 930.2  | 929.3  | 928.9  | 928.8  | 928.7  | 928.6  | 928.5  |
| 140°   | 961.0  | 960.4  | 960.0  | 959.6  | 959.2  | 958.8  | 958.4  | 958.0  | 957.6  | 957.2  | 956.8  |
| 142.5° | 986.9  | 986.4  | 986.1  | 985.9  | 985.7  | 985.4  | 985.0  | 984.3  | 983.5  | 982.8  | 982.0  |
| 145°   | 1023.9 | 1023.6 | 1023.6 | 1023.6 | 1023.6 | 1023.6 | 1023.3 | 1022.7 | 1022.1 | 1021.5 | 1020.9 |
| 147.5° | 1056.1 | 1056.0 | 1056.1 | 1056.4 | 1056.6 | 1056.8 | 1056.3 | 1055.2 | 1054.1 | 1052.9 | 1051.8 |
| 150°   | 1076.9 | 1076.9 | 1077.1 | 1077.4 | 1077.5 | 1077.7 | 1077.5 | 1076.7 | 1075.8 | 1075.0 | 1074.2 |
| 152.5° | 1094.6 | 1094.3 | 1094.7 | 1095.0 | 1095.4 | 1095.7 | 1095.6 | 1094.9 | 1094.3 | 1093.7 | 1093.0 |
| 155°   | 1118.4 | 1117.6 | 1118.2 | 1118.8 | 1119.4 | 1120.0 | 1120.2 | 1120.0 | 1119.8 | 1119.6 | 1119.4 |
| 157.5° | 1139.1 | 1138.0 | 1138.7 | 1139.3 | 1140.1 | 1140.8 | 1141.1 | 1141.2 | 1141.4 | 1141.5 | 1141.7 |
| 160°   | 1152.2 | 1151.0 | 1151.2 | 1151.4 | 1151.6 | 1151.8 | 1152.2 | 1152.8 | 1153.4 | 1154.1 | 1154.6 |
| 162.5° | 1163.1 | 1161.8 | 1162.1 | 1162.3 | 1162.4 | 1162.6 | 1163.1 | 1163.9 | 1164.7 | 1165.5 | 1166.2 |
| 165°   | 1177.9 | 1176.3 | 1176.3 | 1176.3 | 1176.3 | 1176.3 | 1176.8 | 1177.8 | 1178.8 | 1179.8 | 1180.8 |
| 167.5° | 1188.9 | 1187.1 | 1187.3 | 1187.4 | 1187.5 | 1187.7 | 1188.2 | 1189.3 | 1190.3 | 1191.3 | 1192.4 |
| 170°   | 1196.0 | 1194.4 | 1194.2 | 1194.0 | 1193.7 | 1193.6 | 1194.1 | 1195.2 | 1196.5 | 1197.7 | 1198.9 |
| 172.5° | 1200.3 | 1198.7 | 1198.5 | 1198.3 | 1198.1 | 1197.9 | 1198.4 | 1199.6 | 1200.8 | 1202.0 | 1203.2 |
| 175°   | 1205.2 | 1203.5 | 1203.2 | 1203.0 | 1202.8 | 1202.7 | 1203.1 | 1204.3 | 1205.5 | 1206.8 | 1207.9 |
| 177.5° | 1207.7 | 1206.5 | 1206.1 | 1205.9 | 1205.5 | 1205.2 | 1205.6 | 1206.8 | 1207.8 | 1209.0 | 1210.1 |
| 180°   | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5°   | 1539.4 | 1543.8 | 1548.7 | 1558.1 | 1566.0 | 1569.5 | 1576.4 | 1581.3 | 1579.8 | 1586.7 | 1598.6 |
| 5°     | 1545.4 | 1562.1 | 1581.2 | 1600.9 | 1623.1 | 1641.6 | 1656.4 | 1671.2 | 1682.9 | 1697.1 | 1718.1 |
| 7.5°   | 1544.4 | 1574.0 | 1606.2 | 1641.6 | 1677.9 | 1709.4 | 1738.5 | 1768.1 | 1794.3 | 1823.1 | 1860.6 |
| 10°    | 1540.5 | 1579.9 | 1620.0 | 1666.3 | 1712.4 | 1756.2 | 1795.7 | 1832.6 | 1867.9 | 1905.4 | 1952.9 |
| 12.5°  | 1536.1 | 1581.4 | 1629.9 | 1685.5 | 1743.0 | 1795.7 | 1842.1 | 1895.3 | 1939.3 | 1987.8 | 2042.6 |
| 15°    | 1516.4 | 1577.4 | 1643.4 | 1715.6 | 1784.6 | 1855.5 | 1919.0 | 1984.3 | 2045.3 | 2103.3 | 2172.4 |
| 17.5°  | 1494.0 | 1564.4 | 1642.2 | 1727.4 | 1810.4 | 1896.6 | 1971.8 | 2054.2 | 2116.7 | 2194.4 | 2258.5 |
| 20°    | 1475.8 | 1551.6 | 1634.8 | 1730.4 | 1824.7 | 1920.2 | 2003.4 | 2087.3 | 2157.6 | 2235.9 | 2317.2 |
| 22.5°  | 1453.6 | 1536.8 | 1626.9 | 1725.9 | 1824.7 | 1929.1 | 2021.2 | 2104.5 | 2191.6 | 2279.7 | 2363.6 |
| 25°    | 1417.8 | 1504.1 | 1599.6 | 1708.2 | 1821.6 | 1928.2 | 2026.9 | 2130.4 | 2224.1 | 2319.7 | 2394.9 |
| 27.5°  | 1373.9 | 1464.5 | 1565.3 | 1677.2 | 1793.6 | 1902.8 | 2019.0 | 2129.3 | 2223.7 | 2315.6 | 2381.2 |
| 30°    | 1338.9 | 1434.5 | 1531.2 | 1644.7 | 1765.5 | 1882.6 | 2007.2 | 2117.5 | 2216.7 | 2299.4 | 2336.3 |
| 32.5°  | 1302.9 | 1393.6 | 1493.3 | 1608.2 | 1732.0 | 1858.0 | 1981.5 | 2094.3 | 2186.1 | 2235.7 | 2236.7 |
| 35°    | 1240.3 | 1325.3 | 1428.9 | 1541.8 | 1668.7 | 1805.5 | 1930.7 | 2041.7 | 2097.7 | 2102.0 | 2041.7 |
| 37.5°  | 1172.0 | 1250.0 | 1347.8 | 1460.7 | 1599.8 | 1735.9 | 1863.8 | 1937.7 | 1956.5 | 1893.7 | 1782.0 |
| 40°    | 1123.2 | 1195.2 | 1289.6 | 1405.5 | 1543.6 | 1684.1 | 1800.6 | 1854.8 | 1835.1 | 1733.4 | 1608.9 |
| 42.5°  | 1071.8 | 1139.1 | 1229.9 | 1344.3 | 1482.9 | 1625.0 | 1724.2 | 1753.3 | 1701.0 | 1583.5 | 1437.8 |
| 45°    | 988.2  | 1049.8 | 1139.8 | 1255.1 | 1388.2 | 1521.3 | 1596.6 | 1581.8 | 1494.9 | 1355.6 | 1192.2 |
| 47.5°  | 901.0  | 960.6  | 1041.5 | 1148.2 | 1284.5 | 1399.5 | 1450.4 | 1405.8 | 1282.1 | 1128.8 | 996.0  |
| 50°    | 843.3  | 904.3  | 978.9  | 1080.7 | 1205.1 | 1316.1 | 1348.8 | 1280.9 | 1143.5 | 996.1  | 874.1  |
| 52.5°  | 786.6  | 838.7  | 911.9  | 1010.1 | 1129.2 | 1222.9 | 1240.3 | 1162.1 | 1020.2 | 888.1  | 779.9  |
| 55°    | 700.3  | 747.8  | 809.4  | 901.9  | 1004.8 | 1084.3 | 1075.0 | 974.6  | 845.8  | 733.0  | 647.9  |
| 57.5°  | 616.8  | 652.6  | 709.5  | 796.2  | 886.5  | 940.0  | 906.2  | 820.5  | 700.4  | 608.1  | 536.3  |
| 60°    | 561.6  | 594.9  | 647.9  | 723.7  | 803.3  | 833.4  | 805.0  | 712.0  | 617.1  | 532.6  | 472.2  |
| 62.5°  | 509.3  | 538.7  | 584.2  | 654.7  | 718.9  | 736.7  | 706.4  | 625.2  | 539.7  | 467.5  | 417.5  |
| 65°    | 433.4  | 460.5  | 499.4  | 549.3  | 593.6  | 602.3  | 582.6  | 499.4  | 434.6  | 374.2  | 339.7  |
| 67.5°  | 364.4  | 382.2  | 412.5  | 455.7  | 479.2  | 484.3  | 446.2  | 393.9  | 336.8  | 299.7  | 273.7  |
| 70°    | 318.1  | 330.4  | 358.7  | 382.2  | 401.3  | 401.9  | 366.8  | 324.9  | 281.1  | 250.9  | 231.8  |
| 72.5°  | 273.2  | 285.1  | 306.5  | 322.5  | 337.2  | 332.4  | 300.2  | 267.2  | 231.8  | 209.0  | 194.8  |
| 75°    | 210.8  | 221.3  | 232.4  | 239.8  | 239.8  | 233.6  | 210.2  | 185.6  | 165.2  | 151.7  | 147.3  |
| 77.5°  | 153.3  | 161.8  | 165.6  | 164.4  | 162.3  | 152.7  | 137.9  | 121.7  | 114.4  | 108.0  | 104.8  |
| 80°    | 120.2  | 123.9  | 125.1  | 122.1  | 118.3  | 107.3  | 97.4   | 90.6   | 83.8   | 81.4   | 80.2   |
| 82.5°  | 89.2   | 92.4   | 89.2   | 90.0   | 81.9   | 72.8   | 67.3   | 65.0   | 62.2   | 61.2   | 59.9   |
| 85°    | 47.4   | 46.8   | 45.7   | 42.5   | 37.0   | 35.8   | 35.1   | 34.5   | 33.3   | 33.9   | 32.6   |
| 87.5°  | 17.3   | 16.2   | 14.7   | 14.6   | 15.0   | 14.4   | 15.2   | 15.5   | 15.8   | 15.5   | 16.8   |
| 90°    | 4.9    | 7.1    | 9.4    | 11.5   | 13.5   | 15.1   | 16.7   | 18.3   | 19.9   | 21.0   | 22.3   |
| 92.5°  | 11.5   | 11.6   | 11.8   | 11.9   | 12.8   | 14.4   | 16.0   | 17.6   | 19.2   | 20.3   | 21.6   |
| 95°    | 42.9   | 36.0   | 29.2   | 22.4   | 19.1   | 19.3   | 19.4   | 19.7   | 19.9   | 21.0   | 22.3   |
| 97.5°  | 109.8  | 114.0  | 118.3  | 122.5  | 113.5  | 91.0   | 68.7   | 46.3   | 23.8   | 24.0   | 24.1   |
| 100°   | 151.8  | 155.4  | 159.0  | 162.6  | 150.6  | 122.9  | 95.1   | 67.5   | 39.8   | 36.4   | 32.9   |
| 102.5° | 198.5  | 201.2  | 203.8  | 206.4  | 206.0  | 202.4  | 198.8  | 195.1  | 191.5  | 154.7  | 117.9  |
| 105°   | 273.1  | 274.4  | 275.5  | 276.8  | 277.9  | 278.8  | 279.9  | 280.9  | 281.9  | 283.7  | 285.5  |
| 107.5° | 343.2  | 343.8  | 344.4  | 345.0  | 346.0  | 347.3  | 348.7  | 350.1  | 351.4  | 352.3  | 353.2  |
| 110°   | 390.9  | 391.5  | 392.1  | 392.7  | 393.6  | 394.8  | 396.0  | 397.3  | 398.4  | 398.9  | 399.2  |





TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 437.7  | 438.7  | 439.8  | 440.9  | 441.8  | 442.3  | 442.8  | 443.4  | 444.0  | 443.9  | 443.8  |
| 115°   | 508.4  | 509.0  | 509.5  | 510.1  | 510.3  | 510.1  | 510.0  | 509.8  | 509.5  | 510.0  | 510.3  |
| 117.5° | 572.7  | 573.5  | 574.3  | 575.1  | 575.7  | 576.1  | 576.6  | 577.0  | 577.5  | 577.4  | 577.3  |
| 120°   | 616.1  | 616.9  | 617.7  | 618.5  | 618.8  | 618.6  | 618.4  | 618.1  | 618.0  | 618.4  | 618.8  |
| 122.5° | 656.2  | 656.7  | 657.2  | 657.6  | 658.1  | 658.4  | 658.6  | 658.9  | 659.2  | 659.4  | 659.7  |
| 125°   | 714.5  | 715.3  | 716.1  | 716.9  | 717.1  | 716.8  | 716.3  | 716.0  | 715.5  | 716.1  | 716.8  |
| 127.5° | 768.8  | 769.1  | 769.3  | 769.5  | 770.0  | 771.0  | 771.9  | 772.8  | 773.7  | 773.6  | 773.5  |
| 130°   | 804.3  | 804.5  | 804.7  | 804.9  | 805.3  | 805.9  | 806.5  | 807.1  | 807.7  | 807.9  | 808.1  |
| 132.5° | 837.0  | 837.3  | 837.7  | 838.0  | 838.7  | 839.4  | 840.2  | 840.9  | 841.7  | 841.9  | 842.0  |
| 135°   | 885.2  | 885.0  | 884.8  | 884.6  | 884.9  | 885.7  | 886.5  | 887.3  | 888.1  | 888.5  | 888.9  |
| 137.5° | 928.6  | 928.7  | 928.8  | 928.9  | 929.3  | 930.2  | 931.1  | 932.0  | 932.9  | 933.4  | 933.8  |
| 140°   | 957.2  | 957.6  | 958.0  | 958.4  | 958.8  | 959.2  | 959.6  | 960.0  | 960.4  | 961.0  | 961.6  |
| 142.5° | 982.8  | 983.5  | 984.3  | 985.0  | 985.4  | 985.7  | 985.9  | 986.1  | 986.4  | 986.9  | 987.3  |
| 145°   | 1021.5 | 1022.1 | 1022.7 | 1023.3 | 1023.6 | 1023.6 | 1023.6 | 1023.6 | 1023.6 | 1023.9 | 1024.0 |
| 147.5° | 1052.9 | 1054.1 | 1055.2 | 1056.3 | 1056.8 | 1056.6 | 1056.4 | 1056.1 | 1056.0 | 1056.1 | 1056.3 |
| 150°   | 1075.0 | 1075.8 | 1076.7 | 1077.5 | 1077.7 | 1077.5 | 1077.4 | 1077.1 | 1076.9 | 1076.9 | 1076.9 |
| 152.5° | 1093.7 | 1094.3 | 1094.9 | 1095.6 | 1095.7 | 1095.4 | 1095.0 | 1094.7 | 1094.3 | 1094.6 | 1094.9 |
| 155°   | 1119.6 | 1119.8 | 1120.0 | 1120.2 | 1120.0 | 1119.4 | 1118.8 | 1118.2 | 1117.6 | 1118.4 | 1119.2 |
| 157.5° | 1141.5 | 1141.4 | 1141.2 | 1141.1 | 1140.8 | 1140.1 | 1139.3 | 1138.7 | 1138.0 | 1139.1 | 1140.1 |
| 160°   | 1154.1 | 1153.4 | 1152.8 | 1152.2 | 1151.8 | 1151.6 | 1151.4 | 1151.2 | 1151.0 | 1152.2 | 1153.4 |
| 162.5° | 1165.5 | 1164.7 | 1163.9 | 1163.1 | 1162.6 | 1162.4 | 1162.3 | 1162.1 | 1161.8 | 1163.1 | 1164.2 |
| 165°   | 1179.8 | 1178.8 | 1177.8 | 1176.8 | 1176.3 | 1176.3 | 1176.3 | 1176.3 | 1176.3 | 1177.9 | 1179.6 |
| 167.5° | 1191.3 | 1190.3 | 1189.3 | 1188.2 | 1187.7 | 1187.5 | 1187.4 | 1187.3 | 1187.1 | 1188.9 | 1190.7 |
| 170°   | 1197.7 | 1196.5 | 1195.2 | 1194.1 | 1193.6 | 1193.7 | 1194.0 | 1194.2 | 1194.4 | 1196.0 | 1197.6 |
| 172.5° | 1202.0 | 1200.8 | 1199.6 | 1198.4 | 1197.9 | 1198.1 | 1198.3 | 1198.5 | 1198.7 | 1200.3 | 1201.9 |
| 175°   | 1206.8 | 1205.5 | 1204.3 | 1203.1 | 1202.7 | 1202.8 | 1203.0 | 1203.2 | 1203.5 | 1205.2 | 1207.0 |
| 177.5° | 1209.0 | 1207.8 | 1206.8 | 1205.6 | 1205.2 | 1205.5 | 1205.9 | 1206.1 | 1206.5 | 1207.7 | 1209.1 |
| 180°   | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5°   | 1605.0 | 1607.0 | 1608.5 | 1613.4 | 1613.8 | 1618.3 | 1613.8 |
| 5°     | 1737.8 | 1746.4 | 1760.0 | 1773.5 | 1774.8 | 1783.3 | 1768.0 |
| 7.5°   | 1886.7 | 1906.7 | 1919.1 | 1941.1 | 1949.7 | 1955.1 | 1946.2 |
| 10°    | 1989.2 | 2007.8 | 2040.4 | 2056.5 | 2072.5 | 2074.9 | 2067.5 |
| 12.5°  | 2088.4 | 2117.7 | 2143.5 | 2173.8 | 2173.1 | 2194.8 | 2186.9 |
| 15°    | 2220.4 | 2250.7 | 2286.3 | 2320.3 | 2332.6 | 2332.6 | 2342.5 |
| 17.5°  | 2314.6 | 2370.0 | 2407.0 | 2433.6 | 2462.7 | 2467.7 | 2464.3 |
| 20°    | 2378.3 | 2438.0 | 2477.5 | 2512.0 | 2531.7 | 2537.3 | 2537.3 |
| 22.5°  | 2425.5 | 2476.5 | 2515.0 | 2546.0 | 2562.3 | 2568.8 | 2566.9 |
| 25°    | 2458.4 | 2502.1 | 2525.6 | 2534.8 | 2539.1 | 2537.9 | 2526.2 |
| 27.5°  | 2413.5 | 2411.5 | 2396.7 | 2368.4 | 2347.1 | 2334.1 | 2319.3 |
| 30°    | 2327.7 | 2295.6 | 2258.6 | 2218.0 | 2165.6 | 2125.5 | 2113.2 |
| 32.5°  | 2199.9 | 2128.0 | 2065.3 | 1997.5 | 1941.2 | 1901.1 | 1884.4 |
| 35°    | 1952.9 | 1838.9 | 1745.8 | 1664.4 | 1605.3 | 1568.3 | 1555.9 |
| 37.5°  | 1659.7 | 1549.3 | 1434.1 | 1355.2 | 1306.1 | 1268.7 | 1254.8 |
| 40°    | 1473.3 | 1353.1 | 1252.6 | 1178.7 | 1128.1 | 1091.7 | 1091.1 |
| 42.5°  | 1303.1 | 1188.4 | 1093.9 | 1040.5 | 986.1  | 962.0  | 961.9  |
| 45°    | 1067.0 | 975.2  | 895.1  | 853.2  | 820.5  | 800.8  | 795.2  |
| 47.5°  | 883.5  | 807.5  | 754.1  | 720.8  | 694.1  | 681.5  | 673.4  |
| 50°    | 780.4  | 713.8  | 671.3  | 642.3  | 627.5  | 611.5  | 610.3  |
| 52.5°  | 694.6  | 640.9  | 607.7  | 584.2  | 565.4  | 555.8  | 556.1  |
| 55°    | 583.8  | 541.3  | 517.8  | 499.9  | 485.2  | 477.8  | 474.7  |
| 57.5°  | 491.8  | 459.9  | 442.8  | 426.4  | 420.2  | 414.4  | 412.8  |
| 60°    | 434.6  | 413.0  | 397.0  | 384.1  | 374.8  | 372.9  | 372.3  |
| 62.5°  | 387.3  | 364.7  | 353.6  | 343.6  | 336.8  | 333.9  | 332.9  |
| 65°    | 319.3  | 302.6  | 292.8  | 284.8  | 282.3  | 278.0  | 277.4  |
| 67.5°  | 257.4  | 247.4  | 240.9  | 235.3  | 232.0  | 231.8  | 231.8  |
| 70°    | 219.5  | 213.9  | 208.4  | 205.3  | 203.4  | 202.2  | 202.2  |
| 72.5°  | 186.9  | 182.8  | 178.3  | 176.6  | 176.3  | 175.0  | 174.6  |
| 75°    | 142.4  | 138.1  | 138.7  | 135.6  | 133.1  | 130.1  | 128.2  |
| 77.5°  | 100.9  | 97.9   | 97.3   | 96.9   | 94.8   | 94.4   | 95.4   |
| 80°    | 78.3   | 75.2   | 74.5   | 75.2   | 74.5   | 72.8   | 72.8   |
| 82.5°  | 59.6   | 57.0   | 56.4   | 56.0   | 55.4   | 56.0   | 55.0   |
| 85°    | 32.0   | 30.9   | 30.9   | 30.9   | 32.0   | 31.5   | 30.9   |
| 87.5°  | 16.1   | 15.8   | 16.4   | 16.1   | 16.1   | 15.7   | 16.2   |
| 90°    | 23.5   | 24.7   | 25.5   | 25.9   | 26.3   | 26.7   | 27.1   |
| 92.5°  | 22.7   | 24.0   | 24.6   | 24.7   | 24.8   | 24.9   | 25.0   |
| 95°    | 23.5   | 24.7   | 25.4   | 25.6   | 25.8   | 26.0   | 26.2   |
| 97.5°  | 24.3   | 24.3   | 24.5   | 24.7   | 24.9   | 25.1   | 25.3   |
| 100°   | 29.5   | 26.1   | 24.5   | 24.7   | 24.9   | 25.1   | 25.3   |
| 102.5° | 81.1   | 44.2   | 25.9   | 25.9   | 25.9   | 25.9   | 26.0   |
| 105°   | 287.3  | 289.1  | 286.4  | 279.2  | 272.0  | 264.7  | 257.5  |
| 107.5° | 354.1  | 355.0  | 355.8  | 356.6  | 357.3  | 358.1  | 358.8  |
| 110°   | 399.7  | 400.0  | 400.6  | 401.2  | 401.7  | 402.3  | 403.0  |



TEST NUMBER: P333083-940

CATALOG NUMBER: S124RDIW-S1020D1050U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 443.7  | 443.6  | 444.0  | 444.8  | 445.5  | 446.3  | 447.0  |
| 115°   | 510.8  | 511.1  | 511.4  | 511.4  | 511.4  | 511.4  | 511.4  |
| 117.5° | 577.3  | 577.2  | 577.1  | 577.0  | 576.9  | 576.8  | 576.8  |
| 120°   | 619.2  | 619.6  | 619.6  | 619.2  | 618.8  | 618.4  | 618.0  |
| 122.5° | 659.9  | 660.1  | 660.0  | 659.7  | 659.2  | 658.9  | 658.4  |
| 125°   | 717.4  | 717.9  | 718.4  | 718.5  | 718.7  | 719.0  | 719.2  |
| 127.5° | 773.4  | 773.2  | 773.1  | 772.9  | 772.8  | 772.6  | 772.5  |
| 130°   | 808.3  | 808.5  | 808.6  | 808.6  | 808.6  | 808.6  | 808.6  |
| 132.5° | 842.3  | 842.5  | 842.5  | 842.3  | 842.1  | 842.0  | 841.9  |
| 135°   | 889.3  | 889.7  | 890.1  | 890.6  | 890.9  | 891.4  | 891.7  |
| 137.5° | 934.2  | 934.7  | 934.9  | 934.7  | 934.6  | 934.5  | 934.3  |
| 140°   | 962.2  | 962.8  | 963.2  | 963.4  | 963.6  | 963.8  | 964.0  |
| 142.5° | 987.7  | 988.2  | 988.4  | 988.5  | 988.5  | 988.6  | 988.6  |
| 145°   | 1024.2 | 1024.4 | 1024.8 | 1025.1 | 1025.6 | 1025.9 | 1026.4 |
| 147.5° | 1056.4 | 1056.6 | 1056.8 | 1057.0 | 1057.2 | 1057.4 | 1057.6 |
| 150°   | 1076.9 | 1076.9 | 1077.0 | 1077.2 | 1077.5 | 1077.6 | 1077.8 |
| 152.5° | 1095.2 | 1095.6 | 1095.6 | 1095.6 | 1095.4 | 1095.3 | 1095.2 |
| 155°   | 1120.0 | 1120.8 | 1120.9 | 1120.3 | 1119.7 | 1119.1 | 1118.5 |
| 157.5° | 1141.1 | 1142.2 | 1142.2 | 1141.1 | 1140.1 | 1139.1 | 1138.0 |
| 160°   | 1154.6 | 1155.8 | 1155.8 | 1154.6 | 1153.4 | 1152.2 | 1151.0 |
| 162.5° | 1165.5 | 1166.6 | 1166.6 | 1165.2 | 1163.9 | 1162.5 | 1161.1 |
| 165°   | 1181.2 | 1182.8 | 1182.6 | 1180.8 | 1179.0 | 1177.2 | 1175.4 |
| 167.5° | 1192.5 | 1194.2 | 1194.1 | 1192.1 | 1190.1 | 1188.1 | 1186.1 |
| 170°   | 1199.2 | 1200.8 | 1200.6 | 1198.5 | 1196.6 | 1194.5 | 1192.6 |
| 172.5° | 1203.5 | 1205.1 | 1204.9 | 1202.7 | 1200.5 | 1198.4 | 1196.1 |
| 175°   | 1208.8 | 1210.7 | 1210.3 | 1207.9 | 1205.5 | 1203.1 | 1200.7 |
| 177.5° | 1210.3 | 1211.7 | 1211.3 | 1209.3 | 1207.5 | 1205.5 | 1203.6 |
| 180°   | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 | 1207.9 |

(END OF REPORT)