

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: P332654-935

Luminaire Tested: **S124DIP-S1020D1035U935-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332654-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124DIP-S1020D1035U935-4F0-1E-UDD-A4  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1035 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

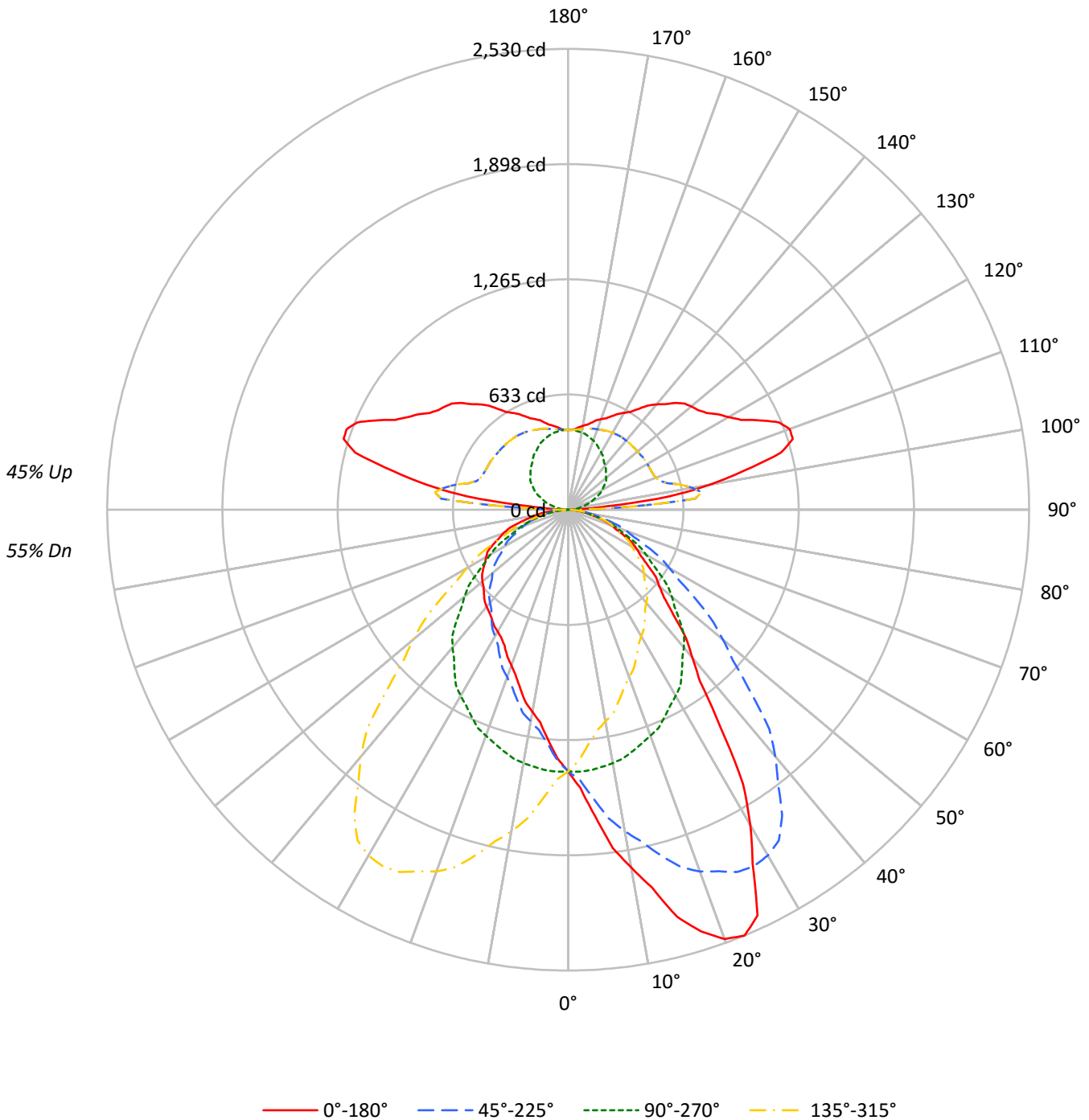
Lumens per Lamp: N/A  
Luminaire Lumens: 7148.7 lumens  
Efficiency: N/A  
Efficacy: 118.2 lumens/watt  
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: General Diffuse

Input Watts (W): 60.5  
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: P332654-935  
CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

### Luminous Intensity Polar Plot





TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**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   | 108 | 108 | 108 | 108 | 101 | 101 | 101 | 101 | 86 | 86 | 86 | 73 | 73 | 73 | 61 | 61 | 61 | 55 |
| 1   | 99  | 95  | 91  | 88  | 92  | 88  | 85  | 82  | 76 | 74 | 71 | 65 | 63 | 61 | 54 | 53 | 52 | 47 |
| 2   | 91  | 83  | 77  | 72  | 84  | 78  | 72  | 68  | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 | 40 |
| 3   | 83  | 73  | 66  | 60  | 77  | 69  | 62  | 57  | 59 | 54 | 50 | 51 | 47 | 44 | 43 | 40 | 38 | 34 |
| 4   | 76  | 65  | 57  | 51  | 70  | 61  | 54  | 49  | 53 | 47 | 43 | 45 | 41 | 38 | 39 | 35 | 33 | 29 |
| 5   | 70  | 58  | 50  | 44  | 65  | 54  | 47  | 42  | 47 | 42 | 37 | 41 | 37 | 33 | 35 | 32 | 29 | 26 |
| 6   | 64  | 52  | 44  | 38  | 60  | 49  | 42  | 37  | 43 | 37 | 33 | 37 | 33 | 29 | 32 | 28 | 26 | 23 |
| 7   | 60  | 47  | 39  | 34  | 55  | 44  | 37  | 32  | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 25 | 23 | 20 |
| 8   | 55  | 43  | 35  | 30  | 51  | 40  | 33  | 29  | 36 | 30 | 26 | 31 | 26 | 23 | 27 | 23 | 20 | 18 |
| 9   | 52  | 39  | 32  | 27  | 48  | 37  | 30  | 26  | 33 | 27 | 23 | 29 | 24 | 21 | 25 | 21 | 18 | 16 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 27  | 23  | 30 | 25 | 21 | 26 | 22 | 19 | 23 | 19 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11599 | 11599 | 11599 | 11599 |
| 5°  | 13661 | 11629 | 10264 | 11629 |
| 10° | 16356 | 11579 | 9241  | 11579 |
| 15° | 19351 | 11462 | 8487  | 11462 |
| 20° | 21549 | 11342 | 7814  | 11342 |
| 25° | 21896 | 11166 | 7349  | 11166 |
| 30° | 18632 | 10997 | 7202  | 10997 |
| 35° | 14325 | 10723 | 7203  | 10723 |
| 40° | 11166 | 10400 | 7339  | 10400 |
| 45° | 9310  | 9914  | 7462  | 9914  |
| 50° | 8194  | 9323  | 7714  | 9323  |
| 55° | 7506  | 8612  | 8025  | 8612  |
| 60° | 7035  | 7976  | 8399  | 7976  |
| 65° | 6550  | 7265  | 8709  | 7265  |
| 70° | 5986  | 6559  | 8908  | 6559  |
| 75° | 5346  | 5774  | 8799  | 5774  |
| 80° | 4482  | 4733  | 8522  | 4733  |
| 85° | 3307  | 3418  | 8160  | 3418  |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 140.0  | 2.0       |
| 10°-20°   | 431.5  | 6.0       |
| 20°-30°   | 684.2  | 9.6       |
| 30°-40°   | 761.4  | 10.7      |
| 40°-50°   | 693.1  | 9.7       |
| 50°-60°   | 566.4  | 7.9       |
| 60°-70°   | 404.3  | 5.7       |
| 70°-80°   | 222.6  | 3.1       |
| 80°-90°   | 63.2   | 0.9       |
| 90°-100°  | 316.0  | 4.4       |
| 100°-110° | 657.7  | 9.2       |
| 110°-120° | 589.1  | 8.2       |
| 120°-130° | 495.5  | 6.9       |
| 130°-140° | 413.2  | 5.8       |
| 140°-150° | 315.7  | 4.4       |
| 150°-160° | 221.9  | 3.1       |
| 160°-170° | 130.5  | 1.8       |
| 170°-180° | 42.5   | 0.6       |
| 0°-30°    | 1255.6 | 17.6      |
| 0°-40°    | 2017.1 | 28.2      |
| 0°-60°    | 3276.5 | 45.8      |
| 0°-90°    | 3966.7 | 55.5      |
| 90°-120°  | 1562.8 | 21.9      |
| 90°-150°  | 2787.1 | 39.0      |
| 90°-180°  | 3182.0 | 44.5      |
| 0°-180°   | 7148.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1437 | 1437 | 1437 | 1437 | 1437 |      |
| 5°   | 1686 | 1435 | 1267 | 1435 | 1686 | 171  |
| 15°  | 2315 | 1371 | 1016 | 1371 | 2315 | 654  |
| 25°  | 2458 | 1254 | 825  | 1254 | 2458 | 1084 |
| 35°  | 1454 | 1088 | 731  | 1088 | 1454 | 923  |
| 45°  | 816  | 868  | 654  | 868  | 816  | 642  |
| 55°  | 533  | 612  | 570  | 612  | 533  | 482  |
| 65°  | 343  | 380  | 456  | 380  | 343  | 339  |
| 75°  | 171  | 185  | 282  | 185  | 171  | 182  |
| 85°  | 36   | 37   | 88   | 37   | 36   | 44   |
| 90°  | 18   | 1    | 18   | 1    | 18   | 16   |
| 95°  | 210  | 28   | 210  | 28   | 210  | 325  |
| 105° | 1209 | 101  | 1209 | 101  | 1209 | 1196 |
| 115° | 1161 | 177  | 1161 | 177  | 1161 | 1153 |
| 125° | 927  | 247  | 927  | 247  | 927  | 842  |
| 135° | 829  | 293  | 829  | 293  | 829  | 640  |
| 145° | 676  | 338  | 676  | 338  | 676  | 429  |
| 155° | 566  | 384  | 566  | 384  | 566  | 264  |
| 165° | 494  | 419  | 494  | 419  | 494  | 142  |
| 175° | 445  | 437  | 445  | 437  | 445  | 43   |
| 180° | 438  | 438  | 438  | 438  | 438  |      |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5°   | 1529.2 | 1528.8 | 1524.0 | 1523.0 | 1519.7 | 1515.4 | 1514.5 | 1506.8 | 1491.6 | 1484.5 | 1482.6 |
| 5°     | 1685.7 | 1697.5 | 1682.0 | 1679.1 | 1677.3 | 1657.7 | 1647.5 | 1635.6 | 1608.3 | 1592.2 | 1579.7 |
| 7.5°   | 1872.3 | 1873.7 | 1867.0 | 1861.5 | 1846.3 | 1829.2 | 1803.5 | 1776.2 | 1743.5 | 1709.6 | 1683.9 |
| 10°    | 1995.2 | 1999.9 | 1992.2 | 1991.0 | 1960.7 | 1941.6 | 1903.5 | 1871.4 | 1834.4 | 1793.4 | 1755.9 |
| 12.5°  | 2124.7 | 2118.0 | 2114.1 | 2088.6 | 2083.0 | 2048.2 | 2004.0 | 1970.9 | 1914.0 | 1866.7 | 1816.8 |
| 15°    | 2315.4 | 2302.3 | 2294.0 | 2258.8 | 2241.6 | 2193.4 | 2146.3 | 2110.1 | 2035.7 | 1964.8 | 1911.2 |
| 17.5°  | 2427.2 | 2440.4 | 2421.1 | 2406.7 | 2362.1 | 2328.2 | 2280.2 | 2204.0 | 2145.8 | 2057.8 | 1990.2 |
| 20°    | 2508.3 | 2509.4 | 2498.7 | 2483.8 | 2448.7 | 2405.9 | 2353.5 | 2270.1 | 2200.5 | 2113.0 | 2020.2 |
| 22.5°  | 2530.1 | 2530.4 | 2525.8 | 2511.9 | 2485.4 | 2450.6 | 2397.8 | 2328.2 | 2243.9 | 2148.7 | 2055.9 |
| 25°    | 2458.2 | 2455.8 | 2461.3 | 2476.7 | 2466.6 | 2455.8 | 2425.5 | 2373.7 | 2295.2 | 2194.5 | 2094.6 |
| 27.5°  | 2191.1 | 2207.5 | 2237.7 | 2275.9 | 2312.6 | 2340.5 | 2348.4 | 2337.8 | 2289.1 | 2206.3 | 2101.6 |
| 30°    | 1998.7 | 2019.0 | 2041.6 | 2079.7 | 2153.4 | 2195.7 | 2242.2 | 2277.3 | 2257.6 | 2191.6 | 2094.0 |
| 32.5°  | 1787.3 | 1792.3 | 1825.9 | 1869.2 | 1936.8 | 2018.1 | 2091.7 | 2163.0 | 2186.7 | 2152.1 | 2070.6 |
| 35°    | 1453.5 | 1461.8 | 1498.1 | 1541.0 | 1623.8 | 1723.1 | 1833.8 | 1932.7 | 2014.2 | 2046.9 | 2005.3 |
| 37.5°  | 1186.1 | 1210.0 | 1235.7 | 1281.8 | 1354.6 | 1444.1 | 1559.1 | 1687.0 | 1808.5 | 1889.9 | 1903.8 |
| 40°    | 1059.5 | 1074.4 | 1092.8 | 1127.9 | 1189.8 | 1277.9 | 1376.7 | 1523.2 | 1652.3 | 1769.0 | 1807.1 |
| 42.5°  | 959.5  | 968.2  | 979.5  | 1011.2 | 1058.4 | 1146.0 | 1236.2 | 1365.0 | 1494.7 | 1634.2 | 1698.1 |
| 45°    | 815.5  | 824.4  | 843.4  | 861.9  | 897.6  | 958.3  | 1042.2 | 1148.1 | 1278.5 | 1413.1 | 1530.9 |
| 47.5°  | 711.4  | 717.1  | 728.4  | 748.2  | 778.5  | 818.6  | 886.8  | 975.3  | 1096.1 | 1226.8 | 1352.3 |
| 50°    | 652.4  | 657.1  | 666.1  | 683.9  | 707.1  | 742.8  | 798.7  | 881.5  | 976.1  | 1107.7 | 1230.9 |
| 52.5°  | 605.7  | 607.6  | 614.2  | 626.3  | 644.7  | 674.8  | 720.7  | 789.1  | 877.1  | 994.4  | 1117.1 |
| 55°    | 533.3  | 535.7  | 541.7  | 550.6  | 566.6  | 585.7  | 620.8  | 672.0  | 748.8  | 850.6  | 957.1  |
| 57.5°  | 473.8  | 475.4  | 480.4  | 483.9  | 497.1  | 512.6  | 539.6  | 576.2  | 634.4  | 720.7  | 815.8  |
| 60°    | 435.7  | 434.5  | 440.5  | 443.4  | 452.4  | 465.5  | 486.3  | 521.4  | 572.0  | 641.6  | 729.1  |
| 62.5°  | 398.6  | 396.9  | 401.9  | 405.8  | 411.0  | 422.1  | 439.1  | 466.7  | 507.7  | 570.7  | 646.3  |
| 65°    | 342.9  | 340.4  | 343.5  | 348.2  | 352.9  | 359.0  | 371.4  | 395.8  | 428.5  | 473.8  | 531.5  |
| 67.5°  | 286.9  | 289.4  | 289.9  | 292.2  | 295.0  | 303.1  | 311.7  | 328.9  | 352.0  | 388.2  | 437.1  |
| 70°    | 253.6  | 254.2  | 256.6  | 256.6  | 258.3  | 265.4  | 272.6  | 282.8  | 305.3  | 338.7  | 378.6  |
| 72.5°  | 220.2  | 222.7  | 221.8  | 223.7  | 225.0  | 229.7  | 235.0  | 244.6  | 263.9  | 288.7  | 322.4  |
| 75°    | 171.4  | 173.2  | 173.2  | 173.8  | 175.6  | 177.4  | 181.5  | 188.6  | 202.3  | 220.8  | 244.0  |
| 77.5°  | 125.0  | 125.3  | 126.1  | 128.2  | 128.2  | 131.0  | 134.1  | 139.9  | 146.6  | 159.3  | 173.4  |
| 80°    | 96.4   | 97.6   | 97.0   | 98.2   | 98.2   | 100.6  | 101.8  | 108.9  | 111.9  | 120.2  | 131.6  |
| 82.5°  | 70.7   | 71.9   | 71.8   | 73.4   | 74.4   | 74.9   | 76.5   | 79.4   | 82.4   | 89.7   | 94.4   |
| 85°    | 35.7   | 36.9   | 35.7   | 36.9   | 38.7   | 39.3   | 41.1   | 41.7   | 44.1   | 45.8   | 50.0   |
| 87.5°  | 14.1   | 15.5   | 15.7   | 16.0   | 16.8   | 17.2   | 17.6   | 16.9   | 18.6   | 19.3   | 20.8   |
| 90°    | 18.1   | 18.1   | 18.9   | 18.1   | 17.2   | 17.2   | 16.4   | 15.5   | 14.6   | 15.5   | 13.8   |
| 92.5°  | 66.2   | 66.2   | 69.1   | 73.8   | 83.9   | 101.1  | 127.1  | 168.8  | 227.1  | 272.7  | 238.6  |
| 95°    | 209.7  | 220.9  | 236.3  | 263.0  | 305.1  | 388.5  | 503.7  | 636.9  | 720.3  | 700.5  | 528.7  |
| 97.5°  | 560.6  | 578.5  | 604.2  | 656.0  | 717.7  | 807.4  | 891.5  | 941.1  | 904.9  | 737.8  | 494.7  |
| 100°   | 788.2  | 795.0  | 820.9  | 873.3  | 948.0  | 1011.7 | 1053.8 | 1036.6 | 911.1  | 691.0  | 448.7  |
| 102.5° | 986.3  | 991.8  | 1018.9 | 1056.9 | 1102.8 | 1129.3 | 1117.1 | 1031.8 | 859.5  | 632.7  | 417.8  |
| 105°   | 1209.4 | 1214.5 | 1226.6 | 1233.5 | 1231.7 | 1196.4 | 1111.4 | 962.7  | 765.9  | 563.9  | 391.1  |
| 107.5° | 1292.3 | 1290.0 | 1281.4 | 1261.8 | 1219.3 | 1142.7 | 1022.9 | 864.5  | 690.2  | 525.4  | 386.2  |
| 110°   | 1293.7 | 1285.9 | 1270.4 | 1234.3 | 1173.3 | 1078.7 | 954.1  | 805.4  | 652.4  | 512.3  | 387.6  |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 1253.0 | 1240.5 | 1218.8 | 1175.2 | 1105.9 | 1011.3 | 893.5 | 762.1 | 631.1 | 506.1 | 391.8 |
| 115°   | 1161.2 | 1154.3 | 1126.9 | 1075.3 | 1007.4 | 924.9  | 824.3 | 718.6 | 611.1 | 502.8 | 399.7 |
| 117.5° | 1068.2 | 1062.9 | 1035.1 | 991.8  | 933.8  | 863.8  | 784.8 | 697.2 | 602.2 | 502.0 | 408.1 |
| 120°   | 1016.0 | 1006.5 | 984.2  | 946.3  | 897.3  | 836.4  | 767.6 | 687.6 | 597.4 | 502.0 | 414.3 |
| 122.5° | 974.7  | 965.3  | 946.3  | 914.0  | 872.6  | 819.2  | 756.6 | 679.4 | 591.9 | 501.3 | 420.5 |
| 125°   | 926.6  | 921.4  | 905.1  | 880.2  | 845.8  | 798.5  | 739.2 | 665.3 | 582.8 | 500.2 | 429.8 |
| 127.5° | 898.4  | 893.2  | 879.5  | 857.3  | 822.8  | 777.9  | 718.8 | 648.1 | 570.6 | 498.3 | 437.1 |
| 130°   | 881.9  | 876.8  | 863.0  | 841.5  | 806.2  | 760.7  | 702.2 | 634.4 | 563.0 | 497.7 | 442.6 |
| 132.5° | 863.3  | 858.2  | 845.1  | 820.9  | 786.4  | 740.7  | 683.7 | 619.9 | 556.1 | 497.0 | 447.5 |
| 135°   | 828.6  | 823.5  | 809.7  | 785.7  | 751.2  | 708.3  | 655.8 | 599.9 | 545.8 | 495.9 | 454.7 |
| 137.5° | 785.7  | 779.5  | 768.1  | 744.3  | 712.2  | 673.4  | 629.2 | 581.9 | 536.8 | 495.8 | 459.0 |
| 140°   | 754.7  | 747.8  | 735.8  | 716.9  | 686.7  | 650.7  | 612.0 | 571.6 | 532.1 | 495.1 | 462.4 |
| 142.5° | 721.7  | 716.9  | 706.2  | 688.6  | 662.0  | 630.8  | 597.5 | 562.0 | 528.0 | 495.1 | 465.2 |
| 145°   | 676.5  | 672.2  | 663.6  | 648.9  | 627.5  | 603.4  | 577.6 | 548.4 | 520.9 | 493.4 | 466.7 |
| 147.5° | 636.4  | 634.9  | 628.4  | 615.8  | 599.9  | 581.1  | 560.4 | 537.2 | 514.5 | 490.3 | 467.6 |
| 150°   | 613.7  | 612.9  | 607.7  | 596.5  | 582.8  | 567.3  | 550.1 | 530.4 | 509.7 | 488.2 | 467.6 |
| 152.5° | 593.1  | 592.2  | 589.1  | 580.1  | 568.3  | 555.6  | 539.8 | 522.8 | 504.2 | 484.7 | 466.2 |
| 155°   | 566.5  | 566.5  | 563.9  | 557.0  | 548.4  | 538.0  | 525.2 | 511.4 | 495.9 | 479.7 | 464.2 |
| 157.5° | 543.0  | 543.0  | 541.5  | 536.3  | 529.9  | 521.6  | 510.7 | 499.2 | 487.5 | 474.3 | 461.9 |
| 160°   | 528.7  | 528.7  | 527.8  | 522.6  | 517.5  | 510.6  | 501.1 | 491.6 | 481.4 | 470.2 | 459.9 |
| 162.5° | 514.9  | 515.6  | 514.7  | 509.5  | 505.8  | 499.6  | 492.1 | 484.1 | 475.9 | 466.1 | 457.8 |
| 165°   | 494.2  | 495.1  | 495.9  | 492.5  | 489.0  | 484.7  | 478.8 | 473.6 | 466.7 | 459.9 | 453.8 |
| 167.5° | 477.9  | 478.6  | 478.8  | 476.6  | 474.8  | 472.3  | 467.4 | 463.5 | 458.5 | 453.7 | 449.7 |
| 170°   | 467.6  | 467.6  | 468.5  | 467.6  | 465.9  | 463.3  | 459.9 | 457.3 | 453.0 | 449.5 | 446.9 |
| 172.5° | 457.3  | 458.7  | 459.5  | 458.7  | 457.6  | 455.7  | 453.7 | 451.8 | 448.2 | 445.4 | 444.2 |
| 175°   | 445.2  | 446.9  | 448.7  | 446.9  | 446.9  | 446.9  | 445.2 | 444.4 | 442.6 | 440.9 | 440.9 |
| 177.5° | 438.2  | 439.5  | 440.9  | 440.2  | 440.9  | 440.2  | 440.2 | 439.5 | 438.9 | 438.2 | 438.2 |
| 180°   | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5°   | 1483.1 | 1476.4 | 1471.6 | 1467.8 | 1457.3 | 1451.1 | 1446.4 | 1439.7 | 1432.1 | 1424.0 | 1414.0 |
| 5°     | 1567.2 | 1547.0 | 1532.1 | 1509.5 | 1488.1 | 1470.2 | 1451.7 | 1435.0 | 1414.8 | 1392.8 | 1376.7 |
| 7.5°   | 1655.6 | 1625.6 | 1587.0 | 1553.5 | 1515.9 | 1483.2 | 1453.9 | 1423.8 | 1392.7 | 1362.4 | 1334.7 |
| 10°    | 1711.8 | 1673.2 | 1630.3 | 1579.7 | 1532.1 | 1489.8 | 1450.5 | 1412.5 | 1375.5 | 1338.6 | 1307.1 |
| 12.5°  | 1772.3 | 1724.1 | 1660.8 | 1601.6 | 1548.3 | 1491.8 | 1444.3 | 1397.7 | 1353.1 | 1314.3 | 1277.6 |
| 15°    | 1853.5 | 1783.8 | 1710.6 | 1631.5 | 1561.3 | 1495.2 | 1430.3 | 1371.4 | 1321.4 | 1270.1 | 1234.5 |
| 17.5°  | 1903.4 | 1817.2 | 1733.5 | 1650.8 | 1565.7 | 1482.5 | 1412.5 | 1344.5 | 1281.9 | 1231.1 | 1186.0 |
| 20°    | 1936.2 | 1850.5 | 1746.4 | 1663.6 | 1562.5 | 1476.7 | 1395.8 | 1320.2 | 1254.7 | 1200.6 | 1154.1 |
| 22.5°  | 1964.8 | 1865.8 | 1761.6 | 1652.7 | 1552.0 | 1461.0 | 1372.4 | 1296.4 | 1229.5 | 1172.4 | 1127.9 |
| 25°    | 1980.3 | 1866.6 | 1753.5 | 1645.2 | 1530.9 | 1423.1 | 1342.8 | 1253.5 | 1182.1 | 1122.0 | 1074.4 |
| 27.5°  | 1981.9 | 1860.4 | 1732.4 | 1612.1 | 1494.1 | 1393.8 | 1292.4 | 1212.5 | 1138.4 | 1074.9 | 1029.2 |
| 30°    | 1976.7 | 1849.9 | 1712.4 | 1582.1 | 1463.6 | 1354.7 | 1266.6 | 1179.7 | 1104.1 | 1041.0 | 993.4  |
| 32.5°  | 1960.1 | 1828.0 | 1686.7 | 1548.8 | 1426.0 | 1319.5 | 1228.6 | 1145.9 | 1072.2 | 1010.0 | 960.1  |
| 35°    | 1911.9 | 1781.5 | 1630.9 | 1487.5 | 1361.8 | 1254.1 | 1172.0 | 1088.0 | 1014.3 | 955.3  | 907.1  |
| 37.5°  | 1836.5 | 1718.6 | 1565.6 | 1417.1 | 1293.7 | 1185.5 | 1104.1 | 1028.3 | 961.7  | 901.9  | 852.5  |
| 40°    | 1770.7 | 1667.2 | 1513.6 | 1369.0 | 1235.7 | 1132.7 | 1056.5 | 986.9  | 920.8  | 864.3  | 817.3  |
| 42.5°  | 1695.1 | 1604.8 | 1463.2 | 1309.9 | 1181.4 | 1078.0 | 1003.7 | 941.2  | 878.9  | 826.6  | 779.6  |
| 45°    | 1560.0 | 1500.6 | 1367.2 | 1225.5 | 1091.7 | 994.0  | 923.2  | 868.4  | 816.1  | 764.8  | 725.6  |
| 47.5°  | 1404.8 | 1375.3 | 1263.1 | 1128.5 | 1001.4 | 905.2  | 843.8  | 793.2  | 747.3  | 703.9  | 669.3  |
| 50°    | 1300.5 | 1286.2 | 1189.2 | 1059.5 | 938.1  | 847.6  | 785.7  | 742.3  | 702.9  | 664.9  | 632.1  |
| 52.5°  | 1197.7 | 1197.2 | 1109.7 | 990.9  | 878.6  | 791.4  | 730.0  | 689.4  | 655.3  | 624.4  | 595.0  |
| 55°    | 1040.4 | 1057.1 | 988.7  | 882.7  | 782.1  | 703.5  | 648.2  | 611.9  | 588.1  | 562.5  | 540.4  |
| 57.5°  | 896.0  | 923.7  | 867.2  | 773.9  | 690.0  | 617.6  | 569.4  | 542.1  | 516.8  | 501.3  | 485.3  |
| 60°    | 801.8  | 827.9  | 783.9  | 705.3  | 626.2  | 564.3  | 518.4  | 494.0  | 472.0  | 461.3  | 450.0  |
| 62.5°  | 718.0  | 741.3  | 708.7  | 635.8  | 567.1  | 507.6  | 468.9  | 445.5  | 430.6  | 418.9  | 411.4  |
| 65°    | 598.2  | 617.9  | 589.9  | 536.9  | 477.9  | 430.3  | 398.8  | 380.3  | 366.1  | 361.3  | 352.9  |
| 67.5°  | 483.5  | 501.4  | 486.3  | 441.3  | 394.0  | 358.0  | 333.3  | 315.6  | 307.1  | 303.0  | 297.0  |
| 70°    | 415.4  | 433.3  | 417.2  | 378.0  | 341.6  | 311.3  | 288.1  | 277.9  | 269.1  | 267.3  | 258.9  |
| 72.5°  | 357.8  | 370.0  | 354.0  | 323.2  | 292.1  | 266.6  | 248.6  | 238.0  | 233.3  | 230.1  | 225.6  |
| 75°    | 268.5  | 279.1  | 268.5  | 244.6  | 222.6  | 204.7  | 189.2  | 185.1  | 179.8  | 178.0  | 175.0  |
| 77.5°  | 190.0  | 199.2  | 191.1  | 176.2  | 159.7  | 145.9  | 137.6  | 132.2  | 131.0  | 127.9  | 129.4  |
| 80°    | 145.3  | 151.2  | 143.4  | 133.4  | 120.2  | 110.7  | 104.8  | 101.8  | 98.2   | 97.0   | 99.4   |
| 82.5°  | 104.3  | 106.9  | 103.0  | 96.2   | 86.4   | 80.2   | 76.2   | 72.8   | 72.0   | 72.2   | 72.2   |
| 85°    | 54.2   | 53.6   | 53.0   | 47.0   | 44.1   | 39.9   | 37.5   | 36.9   | 36.3   | 37.5   | 38.7   |
| 87.5°  | 20.5   | 21.0   | 19.5   | 17.6   | 15.9   | 14.4   | 13.3   | 12.6   | 13.3   | 14.4   | 15.0   |
| 90°    | 12.1   | 12.1   | 6.9    | 6.9    | 6.0    | 5.2    | 2.6    | 0.9    | 2.6    | 5.2    | 6.0    |
| 92.5°  | 173.7  | 106.9  | 63.3   | 45.4   | 32.8   | 22.4   | 14.3   | 9.8    | 14.3   | 22.4   | 32.8   |
| 95°    | 323.2  | 182.2  | 107.5  | 71.4   | 50.7   | 39.5   | 30.9   | 28.3   | 30.9   | 39.5   | 50.7   |
| 97.5°  | 290.5  | 174.2  | 116.6  | 86.3   | 68.6   | 58.3   | 50.9   | 50.9   | 50.9   | 58.3   | 68.6   |
| 100°   | 273.4  | 176.2  | 125.5  | 98.0   | 81.6   | 71.4   | 65.3   | 65.3   | 65.3   | 71.4   | 81.6   |
| 102.5° | 268.5  | 183.0  | 137.2  | 111.1  | 95.4   | 85.8   | 80.4   | 79.0   | 80.4   | 85.8   | 95.4   |
| 105°   | 270.8  | 199.4  | 158.2  | 133.2  | 117.8  | 107.5  | 103.1  | 100.6  | 103.1  | 107.5  | 117.8  |
| 107.5° | 283.4  | 218.5  | 180.6  | 156.1  | 141.3  | 130.3  | 126.1  | 124.3  | 126.1  | 130.3  | 141.3  |
| 110°   | 293.1  | 232.9  | 195.1  | 171.9  | 156.4  | 146.1  | 141.8  | 140.1  | 141.8  | 146.1  | 156.4  |





TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 303.4 | 246.7 | 210.3 | 187.0 | 171.6 | 162.0 | 157.0 | 155.2 | 157.0 | 162.0 | 171.6 |
| 115°   | 319.8 | 268.2 | 233.8 | 210.6 | 194.2 | 185.6 | 179.6 | 177.1 | 179.6 | 185.6 | 194.2 |
| 117.5° | 336.4 | 289.0 | 256.3 | 232.2 | 217.0 | 207.5 | 202.2 | 199.8 | 202.2 | 207.5 | 217.0 |
| 120°   | 348.1 | 303.4 | 270.8 | 246.7 | 232.0 | 222.7 | 216.6 | 214.9 | 216.6 | 222.7 | 232.0 |
| 122.5° | 359.1 | 317.2 | 284.5 | 261.1 | 245.1 | 236.3 | 230.3 | 228.7 | 230.3 | 236.3 | 245.1 |
| 125°   | 375.7 | 336.0 | 305.1 | 281.0 | 264.8 | 255.3 | 250.1 | 246.7 | 250.1 | 255.3 | 264.8 |
| 127.5° | 389.9 | 353.6 | 323.7 | 299.5 | 282.4 | 271.6 | 265.4 | 262.7 | 265.4 | 271.6 | 282.4 |
| 130°   | 398.8 | 365.3 | 336.0 | 311.2 | 294.8 | 281.9 | 275.1 | 271.6 | 275.1 | 281.9 | 294.8 |
| 132.5° | 407.8 | 375.0 | 345.7 | 322.2 | 304.4 | 292.2 | 283.3 | 280.5 | 283.3 | 292.2 | 304.4 |
| 135°   | 419.5 | 388.5 | 360.2 | 337.8 | 319.8 | 305.1 | 296.5 | 293.1 | 296.5 | 305.1 | 319.8 |
| 137.5° | 427.7 | 398.8 | 372.4 | 351.0 | 332.3 | 318.4 | 308.9 | 305.7 | 308.9 | 318.4 | 332.3 |
| 140°   | 433.2 | 405.7 | 380.0 | 359.3 | 341.2 | 326.7 | 317.2 | 314.6 | 317.2 | 326.7 | 341.2 |
| 142.5° | 437.3 | 411.9 | 386.8 | 366.9 | 349.5 | 335.5 | 326.8 | 324.3 | 326.8 | 335.5 | 349.5 |
| 145°   | 441.8 | 418.6 | 396.2 | 377.4 | 361.0 | 349.0 | 340.4 | 337.8 | 340.4 | 349.0 | 361.0 |
| 147.5° | 445.7 | 425.5 | 404.5 | 387.4 | 373.9 | 361.5 | 354.0 | 353.1 | 354.0 | 361.5 | 373.9 |
| 150°   | 447.8 | 429.0 | 410.0 | 393.6 | 380.8 | 370.5 | 363.6 | 362.7 | 363.6 | 370.5 | 380.8 |
| 152.5° | 449.2 | 431.7 | 414.8 | 399.8 | 388.3 | 378.8 | 371.9 | 371.7 | 371.9 | 378.8 | 388.3 |
| 155°   | 450.4 | 435.8 | 421.2 | 408.3 | 398.8 | 390.2 | 385.0 | 384.2 | 385.0 | 390.2 | 398.8 |
| 157.5° | 450.4 | 438.7 | 426.4 | 416.2 | 407.9 | 401.2 | 396.4 | 396.4 | 396.4 | 401.2 | 407.9 |
| 160°   | 450.4 | 440.1 | 429.8 | 420.3 | 413.5 | 407.4 | 404.0 | 404.0 | 404.0 | 407.4 | 413.5 |
| 162.5° | 450.4 | 441.4 | 431.9 | 424.5 | 418.3 | 412.9 | 410.2 | 410.9 | 410.2 | 412.9 | 418.3 |
| 165°   | 448.7 | 441.8 | 434.0 | 429.0 | 424.6 | 420.3 | 418.6 | 418.6 | 418.6 | 420.3 | 424.6 |
| 167.5° | 446.6 | 441.6 | 435.9 | 432.0 | 429.6 | 426.4 | 425.5 | 426.4 | 425.5 | 426.4 | 429.6 |
| 170°   | 445.2 | 440.9 | 436.6 | 434.0 | 432.4 | 429.8 | 429.0 | 429.8 | 429.0 | 429.8 | 432.4 |
| 172.5° | 443.8 | 440.2 | 437.3 | 435.4 | 434.4 | 432.5 | 432.4 | 433.2 | 432.4 | 432.5 | 434.4 |
| 175°   | 441.8 | 439.2 | 437.5 | 437.5 | 436.6 | 435.8 | 435.8 | 436.6 | 435.8 | 435.8 | 436.6 |
| 177.5° | 439.5 | 438.2 | 437.5 | 437.5 | 437.5 | 436.8 | 437.5 | 438.2 | 437.5 | 436.8 | 437.5 |
| 180°   | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5°   | 1409.2 | 1405.0 | 1398.8 | 1390.2 | 1383.0 | 1375.4 | 1373.6 | 1370.6 | 1376.4 | 1371.6 | 1370.2 |
| 5°     | 1363.0 | 1350.6 | 1334.5 | 1316.0 | 1305.3 | 1289.9 | 1286.9 | 1280.9 | 1275.0 | 1274.4 | 1268.4 |
| 7.5°   | 1314.1 | 1295.8 | 1274.7 | 1255.9 | 1238.5 | 1221.6 | 1210.6 | 1208.2 | 1199.4 | 1194.2 | 1188.3 |
| 10°    | 1282.7 | 1260.1 | 1235.7 | 1217.8 | 1197.6 | 1179.7 | 1167.3 | 1160.1 | 1154.1 | 1147.5 | 1141.6 |
| 12.5°  | 1245.5 | 1221.5 | 1201.4 | 1182.1 | 1158.0 | 1144.4 | 1123.9 | 1111.5 | 1110.3 | 1110.4 | 1094.9 |
| 15°    | 1202.3 | 1178.5 | 1147.5 | 1120.2 | 1107.1 | 1080.9 | 1069.6 | 1055.3 | 1046.4 | 1037.4 | 1030.4 |
| 17.5°  | 1153.0 | 1123.3 | 1099.2 | 1067.7 | 1042.7 | 1021.8 | 1007.0 | 998.4  | 985.0  | 972.3  | 963.2  |
| 20°    | 1122.0 | 1090.5 | 1064.8 | 1031.5 | 1004.1 | 978.5  | 966.0  | 954.2  | 944.0  | 933.3  | 923.2  |
| 22.5°  | 1090.5 | 1057.6 | 1026.2 | 993.9  | 968.5  | 941.4  | 929.4  | 913.2  | 903.5  | 897.6  | 887.4  |
| 25°    | 1041.0 | 1005.3 | 969.6  | 938.7  | 912.5  | 888.6  | 872.6  | 860.1  | 849.4  | 844.6  | 838.1  |
| 27.5°  | 987.2  | 951.7  | 917.2  | 882.1  | 852.4  | 835.1  | 822.3  | 812.8  | 806.7  | 800.3  | 797.4  |
| 30°    | 953.0  | 916.0  | 879.2  | 846.4  | 819.0  | 801.8  | 789.9  | 783.3  | 778.5  | 775.6  | 772.6  |
| 32.5°  | 918.2  | 881.8  | 842.9  | 813.0  | 788.5  | 773.2  | 764.1  | 757.6  | 755.2  | 754.1  | 753.0  |
| 35°    | 862.5  | 825.5  | 789.9  | 763.1  | 739.9  | 733.9  | 726.2  | 722.6  | 721.4  | 725.6  | 727.4  |
| 37.5°  | 808.6  | 774.3  | 741.4  | 715.4  | 700.3  | 691.6  | 688.9  | 689.1  | 693.3  | 697.0  | 701.3  |
| 40°    | 773.8  | 740.5  | 709.5  | 686.9  | 672.6  | 667.3  | 666.1  | 669.0  | 673.8  | 678.0  | 682.7  |
| 42.5°  | 739.9  | 707.1  | 679.0  | 657.8  | 647.8  | 642.9  | 643.7  | 646.6  | 653.3  | 658.4  | 665.6  |
| 45°    | 687.5  | 660.1  | 632.7  | 615.4  | 607.1  | 608.3  | 608.3  | 613.6  | 620.2  | 627.9  | 635.7  |
| 47.5°  | 638.1  | 610.4  | 588.0  | 573.4  | 569.1  | 568.1  | 571.4  | 578.4  | 587.8  | 597.4  | 608.2  |
| 50°    | 604.8  | 578.5  | 558.9  | 545.8  | 541.1  | 542.9  | 547.6  | 554.1  | 565.4  | 577.4  | 588.7  |
| 52.5°  | 570.9  | 547.1  | 528.9  | 516.8  | 513.4  | 516.7  | 521.4  | 531.8  | 541.7  | 554.5  | 568.2  |
| 55°    | 518.4  | 498.2  | 483.9  | 475.0  | 473.8  | 475.6  | 481.0  | 492.2  | 506.5  | 522.6  | 535.7  |
| 57.5°  | 466.1  | 449.3  | 436.2  | 430.0  | 430.6  | 432.2  | 441.1  | 454.5  | 469.8  | 486.9  | 503.8  |
| 60°    | 430.9  | 415.4  | 404.8  | 400.0  | 400.5  | 404.2  | 414.8  | 427.4  | 446.4  | 463.0  | 481.0  |
| 62.5°  | 397.6  | 384.0  | 373.8  | 369.5  | 368.7  | 376.5  | 386.8  | 399.8  | 418.8  | 437.4  | 456.7  |
| 65°    | 344.1  | 333.3  | 325.0  | 322.6  | 324.4  | 330.4  | 343.5  | 360.7  | 376.8  | 396.4  | 416.6  |
| 67.5°  | 291.6  | 282.8  | 277.2  | 278.2  | 280.3  | 289.1  | 300.1  | 315.0  | 333.2  | 353.5  | 373.6  |
| 70°    | 258.3  | 249.9  | 245.2  | 245.8  | 249.4  | 260.1  | 269.7  | 284.5  | 304.2  | 325.0  | 341.6  |
| 72.5°  | 224.0  | 218.5  | 214.3  | 216.8  | 220.3  | 227.7  | 239.6  | 254.5  | 271.8  | 291.2  | 308.8  |
| 75°    | 172.0  | 172.0  | 169.6  | 171.4  | 176.8  | 183.9  | 192.9  | 208.4  | 225.6  | 241.1  | 255.4  |
| 77.5°  | 127.6  | 126.3  | 127.9  | 130.0  | 133.1  | 141.5  | 151.8  | 162.8  | 175.8  | 191.3  | 203.1  |
| 80°    | 97.6   | 98.2   | 101.2  | 104.8  | 106.0  | 112.5  | 123.2  | 133.4  | 143.4  | 156.5  | 167.8  |
| 82.5°  | 73.4   | 74.0   | 75.5   | 80.0   | 81.2   | 88.3   | 95.1   | 105.2  | 114.4  | 123.2  | 132.6  |
| 85°    | 39.9   | 39.9   | 42.9   | 44.6   | 47.6   | 52.3   | 56.6   | 62.5   | 70.9   | 76.8   | 85.7   |
| 87.5°  | 16.6   | 16.6   | 19.5   | 20.5   | 22.3   | 25.0   | 25.7   | 31.2   | 33.2   | 35.8   | 40.1   |
| 90°    | 6.9    | 6.9    | 12.1   | 12.1   | 13.8   | 15.5   | 14.6   | 15.5   | 16.4   | 17.2   | 17.2   |
| 92.5°  | 45.4   | 63.3   | 106.9  | 173.7  | 238.6  | 272.7  | 227.1  | 168.8  | 127.1  | 101.1  | 83.9   |
| 95°    | 71.4   | 107.5  | 182.2  | 323.2  | 528.7  | 700.5  | 720.3  | 636.9  | 503.7  | 388.5  | 305.1  |
| 97.5°  | 86.3   | 116.6  | 174.2  | 290.5  | 494.7  | 737.8  | 904.9  | 941.1  | 891.5  | 807.4  | 717.7  |
| 100°   | 98.0   | 125.5  | 176.2  | 273.4  | 448.7  | 691.0  | 911.1  | 1036.6 | 1053.8 | 1011.7 | 948.0  |
| 102.5° | 111.1  | 137.2  | 183.0  | 268.5  | 417.8  | 632.7  | 859.5  | 1031.8 | 1117.1 | 1129.3 | 1102.8 |
| 105°   | 133.2  | 158.2  | 199.4  | 270.8  | 391.1  | 563.9  | 765.9  | 962.7  | 1111.4 | 1196.4 | 1231.7 |
| 107.5° | 156.1  | 180.6  | 218.5  | 283.4  | 386.2  | 525.4  | 690.2  | 864.5  | 1022.9 | 1142.7 | 1219.3 |
| 110°   | 171.9  | 195.1  | 232.9  | 293.1  | 387.6  | 512.3  | 652.4  | 805.4  | 954.1  | 1078.7 | 1173.3 |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 187.0 | 210.3 | 246.7 | 303.4 | 391.8 | 506.1 | 631.1 | 762.1 | 893.5 | 1011.3 | 1105.9 |
| 115°   | 210.6 | 233.8 | 268.2 | 319.8 | 399.7 | 502.8 | 611.1 | 718.6 | 824.3 | 924.9  | 1007.4 |
| 117.5° | 232.2 | 256.3 | 289.0 | 336.4 | 408.1 | 502.0 | 602.2 | 697.2 | 784.8 | 863.8  | 933.8  |
| 120°   | 246.7 | 270.8 | 303.4 | 348.1 | 414.3 | 502.0 | 597.4 | 687.6 | 767.6 | 836.4  | 897.3  |
| 122.5° | 261.1 | 284.5 | 317.2 | 359.1 | 420.5 | 501.3 | 591.9 | 679.4 | 756.6 | 819.2  | 872.6  |
| 125°   | 281.0 | 305.1 | 336.0 | 375.7 | 429.8 | 500.2 | 582.8 | 665.3 | 739.2 | 798.5  | 845.8  |
| 127.5° | 299.5 | 323.7 | 353.6 | 389.9 | 437.1 | 498.3 | 570.6 | 648.1 | 718.8 | 777.9  | 822.8  |
| 130°   | 311.2 | 336.0 | 365.3 | 398.8 | 442.6 | 497.7 | 563.0 | 634.4 | 702.2 | 760.7  | 806.2  |
| 132.5° | 322.2 | 345.7 | 375.0 | 407.8 | 447.5 | 497.0 | 556.1 | 619.9 | 683.7 | 740.7  | 786.4  |
| 135°   | 337.8 | 360.2 | 388.5 | 419.5 | 454.7 | 495.9 | 545.8 | 599.9 | 655.8 | 708.3  | 751.2  |
| 137.5° | 351.0 | 372.4 | 398.8 | 427.7 | 459.0 | 495.8 | 536.8 | 581.9 | 629.2 | 673.4  | 712.2  |
| 140°   | 359.3 | 380.0 | 405.7 | 433.2 | 462.4 | 495.1 | 532.1 | 571.6 | 612.0 | 650.7  | 686.7  |
| 142.5° | 366.9 | 386.8 | 411.9 | 437.3 | 465.2 | 495.1 | 528.0 | 562.0 | 597.5 | 630.8  | 662.0  |
| 145°   | 377.4 | 396.2 | 418.6 | 441.8 | 466.7 | 493.4 | 520.9 | 548.4 | 577.6 | 603.4  | 627.5  |
| 147.5° | 387.4 | 404.5 | 425.5 | 445.7 | 467.6 | 490.3 | 514.5 | 537.2 | 560.4 | 581.1  | 599.9  |
| 150°   | 393.6 | 410.0 | 429.0 | 447.8 | 467.6 | 488.2 | 509.7 | 530.4 | 550.1 | 567.3  | 582.8  |
| 152.5° | 399.8 | 414.8 | 431.7 | 449.2 | 466.2 | 484.7 | 504.2 | 522.8 | 539.8 | 555.6  | 568.3  |
| 155°   | 408.3 | 421.2 | 435.8 | 450.4 | 464.2 | 479.7 | 495.9 | 511.4 | 525.2 | 538.0  | 548.4  |
| 157.5° | 416.2 | 426.4 | 438.7 | 450.4 | 461.9 | 474.3 | 487.5 | 499.2 | 510.7 | 521.6  | 529.9  |
| 160°   | 420.3 | 429.8 | 440.1 | 450.4 | 459.9 | 470.2 | 481.4 | 491.6 | 501.1 | 510.6  | 517.5  |
| 162.5° | 424.5 | 431.9 | 441.4 | 450.4 | 457.8 | 466.1 | 475.9 | 484.1 | 492.1 | 499.6  | 505.8  |
| 165°   | 429.0 | 434.0 | 441.8 | 448.7 | 453.8 | 459.9 | 466.7 | 473.6 | 478.8 | 484.7  | 489.0  |
| 167.5° | 432.0 | 435.9 | 441.6 | 446.6 | 449.7 | 453.7 | 458.5 | 463.5 | 467.4 | 472.3  | 474.8  |
| 170°   | 434.0 | 436.6 | 440.9 | 445.2 | 446.9 | 449.5 | 453.0 | 457.3 | 459.9 | 463.3  | 465.9  |
| 172.5° | 435.4 | 437.3 | 440.2 | 443.8 | 444.2 | 445.4 | 448.2 | 451.8 | 453.7 | 455.7  | 457.6  |
| 175°   | 437.5 | 437.5 | 439.2 | 441.8 | 440.9 | 440.9 | 442.6 | 444.4 | 445.2 | 446.9  | 446.9  |
| 177.5° | 437.5 | 437.5 | 438.2 | 439.5 | 438.2 | 438.2 | 438.9 | 439.5 | 440.2 | 440.2  | 440.9  |
| 180°   | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5  | 437.5  |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5°   | 1369.2 | 1368.3 | 1364.9 | 1364.5 | 1364.9 | 1368.3 | 1369.2 | 1370.2 | 1371.6 | 1376.4 | 1370.6 |
| 5°     | 1264.8 | 1261.9 | 1260.1 | 1266.6 | 1260.1 | 1261.9 | 1264.8 | 1268.4 | 1274.4 | 1275.0 | 1280.9 |
| 7.5°   | 1186.1 | 1183.8 | 1178.5 | 1176.9 | 1178.5 | 1183.8 | 1186.1 | 1188.3 | 1194.2 | 1199.4 | 1208.2 |
| 10°    | 1135.7 | 1133.2 | 1128.5 | 1127.3 | 1128.5 | 1133.2 | 1135.7 | 1141.6 | 1147.5 | 1154.1 | 1160.1 |
| 12.5°  | 1087.1 | 1082.4 | 1081.4 | 1082.5 | 1081.4 | 1082.4 | 1087.1 | 1094.9 | 1110.4 | 1110.3 | 1111.5 |
| 15°    | 1022.6 | 1020.2 | 1013.7 | 1015.5 | 1013.7 | 1020.2 | 1022.6 | 1030.4 | 1037.4 | 1046.4 | 1055.3 |
| 17.5°  | 959.0  | 956.1  | 948.2  | 955.2  | 948.2  | 956.1  | 959.0  | 963.2  | 972.3  | 985.0  | 998.4  |
| 20°    | 919.0  | 914.2  | 910.1  | 909.5  | 910.1  | 914.2  | 919.0  | 923.2  | 933.3  | 944.0  | 954.2  |
| 22.5°  | 880.9  | 876.7  | 876.2  | 872.4  | 876.2  | 876.7  | 880.9  | 887.4  | 897.6  | 903.5  | 913.2  |
| 25°    | 833.3  | 829.1  | 827.9  | 825.0  | 827.9  | 829.1  | 833.3  | 838.1  | 844.6  | 849.4  | 860.1  |
| 27.5°  | 796.8  | 794.7  | 792.6  | 793.5  | 792.6  | 794.7  | 796.8  | 797.4  | 800.3  | 806.7  | 812.8  |
| 30°    | 774.4  | 773.8  | 772.6  | 772.6  | 772.6  | 773.8  | 774.4  | 772.6  | 775.6  | 778.5  | 783.3  |
| 32.5°  | 755.8  | 755.7  | 756.4  | 756.4  | 756.4  | 755.7  | 755.8  | 753.0  | 754.1  | 755.2  | 757.6  |
| 35°    | 729.7  | 731.5  | 732.7  | 730.9  | 732.7  | 731.5  | 729.7  | 727.4  | 725.6  | 721.4  | 722.6  |
| 37.5°  | 706.2  | 707.9  | 709.6  | 711.6  | 709.6  | 707.9  | 706.2  | 701.3  | 697.0  | 693.3  | 689.1  |
| 40°    | 688.0  | 692.2  | 693.4  | 696.4  | 693.4  | 692.2  | 688.0  | 682.7  | 678.0  | 673.8  | 669.0  |
| 42.5°  | 670.9  | 675.5  | 678.6  | 679.2  | 678.6  | 675.5  | 670.9  | 665.6  | 658.4  | 653.3  | 646.6  |
| 45°    | 644.6  | 649.4  | 653.6  | 653.6  | 653.6  | 649.4  | 644.6  | 635.7  | 627.9  | 620.2  | 613.6  |
| 47.5°  | 617.3  | 624.2  | 628.4  | 629.5  | 628.4  | 624.2  | 617.3  | 608.2  | 597.4  | 587.8  | 578.4  |
| 50°    | 598.8  | 607.1  | 611.3  | 614.2  | 611.3  | 607.1  | 598.8  | 588.7  | 577.4  | 565.4  | 554.1  |
| 52.5°  | 580.7  | 589.0  | 594.6  | 596.2  | 594.6  | 589.0  | 580.7  | 568.2  | 554.5  | 541.7  | 531.8  |
| 55°    | 549.4  | 561.3  | 567.8  | 570.2  | 567.8  | 561.3  | 549.4  | 535.7  | 522.6  | 506.5  | 492.2  |
| 57.5°  | 519.9  | 530.8  | 538.5  | 540.2  | 538.5  | 530.8  | 519.9  | 503.8  | 486.9  | 469.8  | 454.5  |
| 60°    | 497.0  | 508.9  | 518.4  | 520.2  | 518.4  | 508.9  | 497.0  | 481.0  | 463.0  | 446.4  | 427.4  |
| 62.5°  | 473.6  | 486.0  | 494.6  | 499.3  | 494.6  | 486.0  | 473.6  | 456.7  | 437.4  | 418.8  | 399.8  |
| 65°    | 433.3  | 445.8  | 454.2  | 455.9  | 454.2  | 445.8  | 433.3  | 416.6  | 396.4  | 376.8  | 360.7  |
| 67.5°  | 389.3  | 401.7  | 407.3  | 410.7  | 407.3  | 401.7  | 389.3  | 373.6  | 353.5  | 333.2  | 315.0  |
| 70°    | 358.3  | 368.4  | 374.4  | 377.4  | 374.4  | 368.4  | 358.3  | 341.6  | 325.0  | 304.2  | 284.5  |
| 72.5°  | 323.0  | 333.6  | 340.6  | 341.2  | 340.6  | 333.6  | 323.0  | 308.8  | 291.2  | 271.8  | 254.5  |
| 75°    | 269.1  | 278.5  | 282.1  | 282.1  | 282.1  | 278.5  | 269.1  | 255.4  | 241.1  | 225.6  | 208.4  |
| 77.5°  | 212.9  | 217.8  | 222.4  | 223.3  | 222.4  | 217.8  | 212.9  | 203.1  | 191.3  | 175.8  | 162.8  |
| 80°    | 176.8  | 179.8  | 183.3  | 183.3  | 183.3  | 179.8  | 176.8  | 167.8  | 156.5  | 143.4  | 133.4  |
| 82.5°  | 139.7  | 142.2  | 145.7  | 145.3  | 145.7  | 142.2  | 139.7  | 132.6  | 123.2  | 114.4  | 105.2  |
| 85°    | 84.6   | 89.9   | 89.3   | 88.1   | 89.3   | 89.9   | 84.6   | 85.7   | 76.8   | 70.9   | 62.5   |
| 87.5°  | 41.7   | 42.4   | 43.6   | 44.6   | 43.6   | 42.4   | 41.7   | 40.1   | 35.8   | 33.2   | 31.2   |
| 90°    | 18.1   | 18.9   | 18.1   | 18.1   | 18.1   | 18.9   | 18.1   | 17.2   | 17.2   | 16.4   | 15.5   |
| 92.5°  | 73.8   | 69.1   | 66.2   | 66.2   | 66.2   | 69.1   | 73.8   | 83.9   | 101.1  | 127.1  | 168.8  |
| 95°    | 263.0  | 236.3  | 220.9  | 209.7  | 220.9  | 236.3  | 263.0  | 305.1  | 388.5  | 503.7  | 636.9  |
| 97.5°  | 656.0  | 604.2  | 578.5  | 560.6  | 578.5  | 604.2  | 656.0  | 717.7  | 807.4  | 891.5  | 941.1  |
| 100°   | 873.3  | 820.9  | 795.0  | 788.2  | 795.0  | 820.9  | 873.3  | 948.0  | 1011.7 | 1053.8 | 1036.6 |
| 102.5° | 1056.9 | 1018.9 | 991.8  | 986.3  | 991.8  | 1018.9 | 1056.9 | 1102.8 | 1129.3 | 1117.1 | 1031.8 |
| 105°   | 1233.5 | 1226.6 | 1214.5 | 1209.4 | 1214.5 | 1226.6 | 1233.5 | 1231.7 | 1196.4 | 1111.4 | 962.7  |
| 107.5° | 1261.8 | 1281.4 | 1290.0 | 1292.3 | 1290.0 | 1281.4 | 1261.8 | 1219.3 | 1142.7 | 1022.9 | 864.5  |
| 110°   | 1234.3 | 1270.4 | 1285.9 | 1293.7 | 1285.9 | 1270.4 | 1234.3 | 1173.3 | 1078.7 | 954.1  | 805.4  |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°  | 215°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1175.2 | 1218.8 | 1240.5 | 1253.0 | 1240.5 | 1218.8 | 1175.2 | 1105.9 | 1011.3 | 893.5 | 762.1 |
| 115°   | 1075.3 | 1126.9 | 1154.3 | 1161.2 | 1154.3 | 1126.9 | 1075.3 | 1007.4 | 924.9  | 824.3 | 718.6 |
| 117.5° | 991.8  | 1035.1 | 1062.9 | 1068.2 | 1062.9 | 1035.1 | 991.8  | 933.8  | 863.8  | 784.8 | 697.2 |
| 120°   | 946.3  | 984.2  | 1006.5 | 1016.0 | 1006.5 | 984.2  | 946.3  | 897.3  | 836.4  | 767.6 | 687.6 |
| 122.5° | 914.0  | 946.3  | 965.3  | 974.7  | 965.3  | 946.3  | 914.0  | 872.6  | 819.2  | 756.6 | 679.4 |
| 125°   | 880.2  | 905.1  | 921.4  | 926.6  | 921.4  | 905.1  | 880.2  | 845.8  | 798.5  | 739.2 | 665.3 |
| 127.5° | 857.3  | 879.5  | 893.2  | 898.4  | 893.2  | 879.5  | 857.3  | 822.8  | 777.9  | 718.8 | 648.1 |
| 130°   | 841.5  | 863.0  | 876.8  | 881.9  | 876.8  | 863.0  | 841.5  | 806.2  | 760.7  | 702.2 | 634.4 |
| 132.5° | 820.9  | 845.1  | 858.2  | 863.3  | 858.2  | 845.1  | 820.9  | 786.4  | 740.7  | 683.7 | 619.9 |
| 135°   | 785.7  | 809.7  | 823.5  | 828.6  | 823.5  | 809.7  | 785.7  | 751.2  | 708.3  | 655.8 | 599.9 |
| 137.5° | 744.3  | 768.1  | 779.5  | 785.7  | 779.5  | 768.1  | 744.3  | 712.2  | 673.4  | 629.2 | 581.9 |
| 140°   | 716.9  | 735.8  | 747.8  | 754.7  | 747.8  | 735.8  | 716.9  | 686.7  | 650.7  | 612.0 | 571.6 |
| 142.5° | 688.6  | 706.2  | 716.9  | 721.7  | 716.9  | 706.2  | 688.6  | 662.0  | 630.8  | 597.5 | 562.0 |
| 145°   | 648.9  | 663.6  | 672.2  | 676.5  | 672.2  | 663.6  | 648.9  | 627.5  | 603.4  | 577.6 | 548.4 |
| 147.5° | 615.8  | 628.4  | 634.9  | 636.4  | 634.9  | 628.4  | 615.8  | 599.9  | 581.1  | 560.4 | 537.2 |
| 150°   | 596.5  | 607.7  | 612.9  | 613.7  | 612.9  | 607.7  | 596.5  | 582.8  | 567.3  | 550.1 | 530.4 |
| 152.5° | 580.1  | 589.1  | 592.2  | 593.1  | 592.2  | 589.1  | 580.1  | 568.3  | 555.6  | 539.8 | 522.8 |
| 155°   | 557.0  | 563.9  | 566.5  | 566.5  | 566.5  | 563.9  | 557.0  | 548.4  | 538.0  | 525.2 | 511.4 |
| 157.5° | 536.3  | 541.5  | 543.0  | 543.0  | 543.0  | 541.5  | 536.3  | 529.9  | 521.6  | 510.7 | 499.2 |
| 160°   | 522.6  | 527.8  | 528.7  | 528.7  | 528.7  | 527.8  | 522.6  | 517.5  | 510.6  | 501.1 | 491.6 |
| 162.5° | 509.5  | 514.7  | 515.6  | 514.9  | 515.6  | 514.7  | 509.5  | 505.8  | 499.6  | 492.1 | 484.1 |
| 165°   | 492.5  | 495.9  | 495.1  | 494.2  | 495.1  | 495.9  | 492.5  | 489.0  | 484.7  | 478.8 | 473.6 |
| 167.5° | 476.6  | 478.8  | 478.6  | 477.9  | 478.6  | 478.8  | 476.6  | 474.8  | 472.3  | 467.4 | 463.5 |
| 170°   | 467.6  | 468.5  | 467.6  | 467.6  | 467.6  | 468.5  | 467.6  | 465.9  | 463.3  | 459.9 | 457.3 |
| 172.5° | 458.7  | 459.5  | 458.7  | 457.3  | 458.7  | 459.5  | 458.7  | 457.6  | 455.7  | 453.7 | 451.8 |
| 175°   | 446.9  | 448.7  | 446.9  | 445.2  | 446.9  | 448.7  | 446.9  | 446.9  | 446.9  | 445.2 | 444.4 |
| 177.5° | 440.2  | 440.9  | 439.5  | 438.2  | 439.5  | 440.9  | 440.2  | 440.9  | 440.2  | 440.2 | 439.5 |
| 180°   | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  | 437.5 | 437.5 |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5°   | 1373.6 | 1375.4 | 1383.0 | 1390.2 | 1398.8 | 1405.0 | 1409.2 | 1414.0 | 1424.0 | 1432.1 | 1439.7 |
| 5°     | 1286.9 | 1289.9 | 1305.3 | 1316.0 | 1334.5 | 1350.6 | 1363.0 | 1376.7 | 1392.8 | 1414.8 | 1435.0 |
| 7.5°   | 1210.6 | 1221.6 | 1238.5 | 1255.9 | 1274.7 | 1295.8 | 1314.1 | 1334.7 | 1362.4 | 1392.7 | 1423.8 |
| 10°    | 1167.3 | 1179.7 | 1197.6 | 1217.8 | 1235.7 | 1260.1 | 1282.7 | 1307.1 | 1338.6 | 1375.5 | 1412.5 |
| 12.5°  | 1123.9 | 1144.4 | 1158.0 | 1182.1 | 1201.4 | 1221.5 | 1245.5 | 1277.6 | 1314.3 | 1353.1 | 1397.7 |
| 15°    | 1069.6 | 1080.9 | 1107.1 | 1120.2 | 1147.5 | 1178.5 | 1202.3 | 1234.5 | 1270.1 | 1321.4 | 1371.4 |
| 17.5°  | 1007.0 | 1021.8 | 1042.7 | 1067.7 | 1099.2 | 1123.3 | 1153.0 | 1186.0 | 1231.1 | 1281.9 | 1344.5 |
| 20°    | 966.0  | 978.5  | 1004.1 | 1031.5 | 1064.8 | 1090.5 | 1122.0 | 1154.1 | 1200.6 | 1254.7 | 1320.2 |
| 22.5°  | 929.4  | 941.4  | 968.5  | 993.9  | 1026.2 | 1057.6 | 1090.5 | 1127.9 | 1172.4 | 1229.5 | 1296.4 |
| 25°    | 872.6  | 888.6  | 912.5  | 938.7  | 969.6  | 1005.3 | 1041.0 | 1074.4 | 1122.0 | 1182.1 | 1253.5 |
| 27.5°  | 822.3  | 835.1  | 852.4  | 882.1  | 917.2  | 951.7  | 987.2  | 1029.2 | 1074.9 | 1138.4 | 1212.5 |
| 30°    | 789.9  | 801.8  | 819.0  | 846.4  | 879.2  | 916.0  | 953.0  | 993.4  | 1041.0 | 1104.1 | 1179.7 |
| 32.5°  | 764.1  | 773.2  | 788.5  | 813.0  | 842.9  | 881.8  | 918.2  | 960.1  | 1010.0 | 1072.2 | 1145.9 |
| 35°    | 726.2  | 733.9  | 739.9  | 763.1  | 789.9  | 825.5  | 862.5  | 907.1  | 955.3  | 1014.3 | 1088.0 |
| 37.5°  | 688.9  | 691.6  | 700.3  | 715.4  | 741.4  | 774.3  | 808.6  | 852.5  | 901.9  | 961.7  | 1028.3 |
| 40°    | 666.1  | 667.3  | 672.6  | 686.9  | 709.5  | 740.5  | 773.8  | 817.3  | 864.3  | 920.8  | 986.9  |
| 42.5°  | 643.7  | 642.9  | 647.8  | 657.8  | 679.0  | 707.1  | 739.9  | 779.6  | 826.6  | 878.9  | 941.2  |
| 45°    | 608.3  | 608.3  | 607.1  | 615.4  | 632.7  | 660.1  | 687.5  | 725.6  | 764.8  | 816.1  | 868.4  |
| 47.5°  | 571.4  | 568.1  | 569.1  | 573.4  | 588.0  | 610.4  | 638.1  | 669.3  | 703.9  | 747.3  | 793.2  |
| 50°    | 547.6  | 542.9  | 541.1  | 545.8  | 558.9  | 578.5  | 604.8  | 632.1  | 664.9  | 702.9  | 742.3  |
| 52.5°  | 521.4  | 516.7  | 513.4  | 516.8  | 528.9  | 547.1  | 570.9  | 595.0  | 624.4  | 655.3  | 689.4  |
| 55°    | 481.0  | 475.6  | 473.8  | 475.0  | 483.9  | 498.2  | 518.4  | 540.4  | 562.5  | 588.1  | 611.9  |
| 57.5°  | 441.1  | 432.2  | 430.6  | 430.0  | 436.2  | 449.3  | 466.1  | 485.3  | 501.3  | 516.8  | 542.1  |
| 60°    | 414.8  | 404.2  | 400.5  | 400.0  | 404.8  | 415.4  | 430.9  | 450.0  | 461.3  | 472.0  | 494.0  |
| 62.5°  | 386.8  | 376.5  | 368.7  | 369.5  | 373.8  | 384.0  | 397.6  | 411.4  | 418.9  | 430.6  | 445.5  |
| 65°    | 343.5  | 330.4  | 324.4  | 322.6  | 325.0  | 333.3  | 344.1  | 352.9  | 361.3  | 366.1  | 380.3  |
| 67.5°  | 300.1  | 289.1  | 280.3  | 278.2  | 277.2  | 282.8  | 291.6  | 297.0  | 303.0  | 307.1  | 315.6  |
| 70°    | 269.7  | 260.1  | 249.4  | 245.8  | 245.2  | 249.9  | 258.3  | 258.9  | 267.3  | 269.1  | 277.9  |
| 72.5°  | 239.6  | 227.7  | 220.3  | 216.8  | 214.3  | 218.5  | 224.0  | 225.6  | 230.1  | 233.3  | 238.0  |
| 75°    | 192.9  | 183.9  | 176.8  | 171.4  | 169.6  | 172.0  | 172.0  | 175.0  | 178.0  | 179.8  | 185.1  |
| 77.5°  | 151.8  | 141.5  | 133.1  | 130.0  | 127.9  | 126.3  | 127.6  | 129.4  | 127.9  | 131.0  | 132.2  |
| 80°    | 123.2  | 112.5  | 106.0  | 104.8  | 101.2  | 98.2   | 97.6   | 99.4   | 97.0   | 98.2   | 101.8  |
| 82.5°  | 95.1   | 88.3   | 81.2   | 80.0   | 75.5   | 74.0   | 73.4   | 72.2   | 72.2   | 72.0   | 72.8   |
| 85°    | 56.6   | 52.3   | 47.6   | 44.6   | 42.9   | 39.9   | 39.9   | 38.7   | 37.5   | 36.3   | 36.9   |
| 87.5°  | 25.7   | 25.0   | 22.3   | 20.5   | 19.5   | 16.6   | 16.6   | 15.0   | 14.4   | 13.3   | 12.6   |
| 90°    | 14.6   | 15.5   | 13.8   | 12.1   | 12.1   | 6.9    | 6.9    | 6.0    | 5.2    | 2.6    | 0.9    |
| 92.5°  | 227.1  | 272.7  | 238.6  | 173.7  | 106.9  | 63.3   | 45.4   | 32.8   | 22.4   | 14.3   | 9.8    |
| 95°    | 720.3  | 700.5  | 528.7  | 323.2  | 182.2  | 107.5  | 71.4   | 50.7   | 39.5   | 30.9   | 28.3   |
| 97.5°  | 904.9  | 737.8  | 494.7  | 290.5  | 174.2  | 116.6  | 86.3   | 68.6   | 58.3   | 50.9   | 50.9   |
| 100°   | 911.1  | 691.0  | 448.7  | 273.4  | 176.2  | 125.5  | 98.0   | 81.6   | 71.4   | 65.3   | 65.3   |
| 102.5° | 859.5  | 632.7  | 417.8  | 268.5  | 183.0  | 137.2  | 111.1  | 95.4   | 85.8   | 80.4   | 79.0   |
| 105°   | 765.9  | 563.9  | 391.1  | 270.8  | 199.4  | 158.2  | 133.2  | 117.8  | 107.5  | 103.1  | 100.6  |
| 107.5° | 690.2  | 525.4  | 386.2  | 283.4  | 218.5  | 180.6  | 156.1  | 141.3  | 130.3  | 126.1  | 124.3  |
| 110°   | 652.4  | 512.3  | 387.6  | 293.1  | 232.9  | 195.1  | 171.9  | 156.4  | 146.1  | 141.8  | 140.1  |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 631.1 | 506.1 | 391.8 | 303.4 | 246.7 | 210.3 | 187.0 | 171.6 | 162.0 | 157.0 | 155.2 |
| 115°   | 611.1 | 502.8 | 399.7 | 319.8 | 268.2 | 233.8 | 210.6 | 194.2 | 185.6 | 179.6 | 177.1 |
| 117.5° | 602.2 | 502.0 | 408.1 | 336.4 | 289.0 | 256.3 | 232.2 | 217.0 | 207.5 | 202.2 | 199.8 |
| 120°   | 597.4 | 502.0 | 414.3 | 348.1 | 303.4 | 270.8 | 246.7 | 232.0 | 222.7 | 216.6 | 214.9 |
| 122.5° | 591.9 | 501.3 | 420.5 | 359.1 | 317.2 | 284.5 | 261.1 | 245.1 | 236.3 | 230.3 | 228.7 |
| 125°   | 582.8 | 500.2 | 429.8 | 375.7 | 336.0 | 305.1 | 281.0 | 264.8 | 255.3 | 250.1 | 246.7 |
| 127.5° | 570.6 | 498.3 | 437.1 | 389.9 | 353.6 | 323.7 | 299.5 | 282.4 | 271.6 | 265.4 | 262.7 |
| 130°   | 563.0 | 497.7 | 442.6 | 398.8 | 365.3 | 336.0 | 311.2 | 294.8 | 281.9 | 275.1 | 271.6 |
| 132.5° | 556.1 | 497.0 | 447.5 | 407.8 | 375.0 | 345.7 | 322.2 | 304.4 | 292.2 | 283.3 | 280.5 |
| 135°   | 545.8 | 495.9 | 454.7 | 419.5 | 388.5 | 360.2 | 337.8 | 319.8 | 305.1 | 296.5 | 293.1 |
| 137.5° | 536.8 | 495.8 | 459.0 | 427.7 | 398.8 | 372.4 | 351.0 | 332.3 | 318.4 | 308.9 | 305.7 |
| 140°   | 532.1 | 495.1 | 462.4 | 433.2 | 405.7 | 380.0 | 359.3 | 341.2 | 326.7 | 317.2 | 314.6 |
| 142.5° | 528.0 | 495.1 | 465.2 | 437.3 | 411.9 | 386.8 | 366.9 | 349.5 | 335.5 | 326.8 | 324.3 |
| 145°   | 520.9 | 493.4 | 466.7 | 441.8 | 418.6 | 396.2 | 377.4 | 361.0 | 349.0 | 340.4 | 337.8 |
| 147.5° | 514.5 | 490.3 | 467.6 | 445.7 | 425.5 | 404.5 | 387.4 | 373.9 | 361.5 | 354.0 | 353.1 |
| 150°   | 509.7 | 488.2 | 467.6 | 447.8 | 429.0 | 410.0 | 393.6 | 380.8 | 370.5 | 363.6 | 362.7 |
| 152.5° | 504.2 | 484.7 | 466.2 | 449.2 | 431.7 | 414.8 | 399.8 | 388.3 | 378.8 | 371.9 | 371.7 |
| 155°   | 495.9 | 479.7 | 464.2 | 450.4 | 435.8 | 421.2 | 408.3 | 398.8 | 390.2 | 385.0 | 384.2 |
| 157.5° | 487.5 | 474.3 | 461.9 | 450.4 | 438.7 | 426.4 | 416.2 | 407.9 | 401.2 | 396.4 | 396.4 |
| 160°   | 481.4 | 470.2 | 459.9 | 450.4 | 440.1 | 429.8 | 420.3 | 413.5 | 407.4 | 404.0 | 404.0 |
| 162.5° | 475.9 | 466.1 | 457.8 | 450.4 | 441.4 | 431.9 | 424.5 | 418.3 | 412.9 | 410.2 | 410.9 |
| 165°   | 466.7 | 459.9 | 453.8 | 448.7 | 441.8 | 434.0 | 429.0 | 424.6 | 420.3 | 418.6 | 418.6 |
| 167.5° | 458.5 | 453.7 | 449.7 | 446.6 | 441.6 | 435.9 | 432.0 | 429.6 | 426.4 | 425.5 | 426.4 |
| 170°   | 453.0 | 449.5 | 446.9 | 445.2 | 440.9 | 436.6 | 434.0 | 432.4 | 429.8 | 429.0 | 429.8 |
| 172.5° | 448.2 | 445.4 | 444.2 | 443.8 | 440.2 | 437.3 | 435.4 | 434.4 | 432.5 | 432.4 | 433.2 |
| 175°   | 442.6 | 440.9 | 440.9 | 441.8 | 439.2 | 437.5 | 437.5 | 436.6 | 435.8 | 435.8 | 436.6 |
| 177.5° | 438.9 | 438.2 | 438.2 | 439.5 | 438.2 | 437.5 | 437.5 | 437.5 | 436.8 | 437.5 | 438.2 |
| 180°   | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5°   | 1446.4 | 1451.1 | 1457.3 | 1467.8 | 1471.6 | 1476.4 | 1483.1 | 1482.6 | 1484.5 | 1491.6 | 1506.8 |
| 5°     | 1451.7 | 1470.2 | 1488.1 | 1509.5 | 1532.1 | 1547.0 | 1567.2 | 1579.7 | 1592.2 | 1608.3 | 1635.6 |
| 7.5°   | 1453.9 | 1483.2 | 1515.9 | 1553.5 | 1587.0 | 1625.6 | 1655.6 | 1683.9 | 1709.6 | 1743.5 | 1776.2 |
| 10°    | 1450.5 | 1489.8 | 1532.1 | 1579.7 | 1630.3 | 1673.2 | 1711.8 | 1755.9 | 1793.4 | 1834.4 | 1871.4 |
| 12.5°  | 1444.3 | 1491.8 | 1548.3 | 1601.6 | 1660.8 | 1724.1 | 1772.3 | 1816.8 | 1866.7 | 1914.0 | 1970.9 |
| 15°    | 1430.3 | 1495.2 | 1561.3 | 1631.5 | 1710.6 | 1783.8 | 1853.5 | 1911.2 | 1964.8 | 2035.7 | 2110.1 |
| 17.5°  | 1412.5 | 1482.5 | 1565.7 | 1650.8 | 1733.5 | 1817.2 | 1903.4 | 1990.2 | 2057.8 | 2145.8 | 2204.0 |
| 20°    | 1395.8 | 1476.7 | 1562.5 | 1663.6 | 1746.4 | 1850.5 | 1936.2 | 2020.2 | 2113.0 | 2200.5 | 2270.1 |
| 22.5°  | 1372.4 | 1461.0 | 1552.0 | 1652.7 | 1761.6 | 1865.8 | 1964.8 | 2055.9 | 2148.7 | 2243.9 | 2328.2 |
| 25°    | 1342.8 | 1423.1 | 1530.9 | 1645.2 | 1753.5 | 1866.6 | 1980.3 | 2094.6 | 2194.5 | 2295.2 | 2373.7 |
| 27.5°  | 1292.4 | 1393.8 | 1494.1 | 1612.1 | 1732.4 | 1860.4 | 1981.9 | 2101.6 | 2206.3 | 2289.1 | 2337.8 |
| 30°    | 1266.6 | 1354.7 | 1463.6 | 1582.1 | 1712.4 | 1849.9 | 1976.7 | 2094.0 | 2191.6 | 2257.6 | 2277.3 |
| 32.5°  | 1228.6 | 1319.5 | 1426.0 | 1548.8 | 1686.7 | 1828.0 | 1960.1 | 2070.6 | 2152.1 | 2186.7 | 2163.0 |
| 35°    | 1172.0 | 1254.1 | 1361.8 | 1487.5 | 1630.9 | 1781.5 | 1911.9 | 2005.3 | 2046.9 | 2014.2 | 1932.7 |
| 37.5°  | 1104.1 | 1185.5 | 1293.7 | 1417.1 | 1565.6 | 1718.6 | 1836.5 | 1903.8 | 1889.9 | 1808.5 | 1687.0 |
| 40°    | 1056.5 | 1132.7 | 1235.7 | 1369.0 | 1513.6 | 1667.2 | 1770.7 | 1807.1 | 1769.0 | 1652.3 | 1523.2 |
| 42.5°  | 1003.7 | 1078.0 | 1181.4 | 1309.9 | 1463.2 | 1604.8 | 1695.1 | 1698.1 | 1634.2 | 1494.7 | 1365.0 |
| 45°    | 923.2  | 994.0  | 1091.7 | 1225.5 | 1367.2 | 1500.6 | 1560.0 | 1530.9 | 1413.1 | 1278.5 | 1148.1 |
| 47.5°  | 843.8  | 905.2  | 1001.4 | 1128.5 | 1263.1 | 1375.3 | 1404.8 | 1352.3 | 1226.8 | 1096.1 | 975.3  |
| 50°    | 785.7  | 847.6  | 938.1  | 1059.5 | 1189.2 | 1286.2 | 1300.5 | 1230.9 | 1107.7 | 976.1  | 881.5  |
| 52.5°  | 730.0  | 791.4  | 878.6  | 990.9  | 1109.7 | 1197.2 | 1197.7 | 1117.1 | 994.4  | 877.1  | 789.1  |
| 55°    | 648.2  | 703.5  | 782.1  | 882.7  | 988.7  | 1057.1 | 1040.4 | 957.1  | 850.6  | 748.8  | 672.0  |
| 57.5°  | 569.4  | 617.6  | 690.0  | 773.9  | 867.2  | 923.7  | 896.0  | 815.8  | 720.7  | 634.4  | 576.2  |
| 60°    | 518.4  | 564.3  | 626.2  | 705.3  | 783.9  | 827.9  | 801.8  | 729.1  | 641.6  | 572.0  | 521.4  |
| 62.5°  | 468.9  | 507.6  | 567.1  | 635.8  | 708.7  | 741.3  | 718.0  | 646.3  | 570.7  | 507.7  | 466.7  |
| 65°    | 398.8  | 430.3  | 477.9  | 536.9  | 589.9  | 617.9  | 598.2  | 531.5  | 473.8  | 428.5  | 395.8  |
| 67.5°  | 333.3  | 358.0  | 394.0  | 441.3  | 486.3  | 501.4  | 483.5  | 437.1  | 388.2  | 352.0  | 328.9  |
| 70°    | 288.1  | 311.3  | 341.6  | 378.0  | 417.2  | 433.3  | 415.4  | 378.6  | 338.7  | 305.3  | 282.8  |
| 72.5°  | 248.6  | 266.6  | 292.1  | 323.2  | 354.0  | 370.0  | 357.8  | 322.4  | 288.7  | 263.9  | 244.6  |
| 75°    | 189.2  | 204.7  | 222.6  | 244.6  | 268.5  | 279.1  | 268.5  | 244.0  | 220.8  | 202.3  | 188.6  |
| 77.5°  | 137.6  | 145.9  | 159.7  | 176.2  | 191.1  | 199.2  | 190.0  | 173.4  | 159.3  | 146.6  | 139.9  |
| 80°    | 104.8  | 110.7  | 120.2  | 133.4  | 143.4  | 151.2  | 145.3  | 131.6  | 120.2  | 111.9  | 108.9  |
| 82.5°  | 76.2   | 80.2   | 86.4   | 96.2   | 103.0  | 106.9  | 104.3  | 94.4   | 89.7   | 82.4   | 79.4   |
| 85°    | 37.5   | 39.9   | 44.1   | 47.0   | 53.0   | 53.6   | 54.2   | 50.0   | 45.8   | 44.1   | 41.7   |
| 87.5°  | 13.3   | 14.4   | 15.9   | 17.6   | 19.5   | 21.0   | 20.5   | 20.8   | 19.3   | 18.6   | 16.9   |
| 90°    | 2.6    | 5.2    | 6.0    | 6.9    | 6.9    | 12.1   | 12.1   | 13.8   | 15.5   | 14.6   | 15.5   |
| 92.5°  | 14.3   | 22.4   | 32.8   | 45.4   | 63.3   | 106.9  | 173.7  | 238.6  | 272.7  | 227.1  | 168.8  |
| 95°    | 30.9   | 39.5   | 50.7   | 71.4   | 107.5  | 182.2  | 323.2  | 528.7  | 700.5  | 720.3  | 636.9  |
| 97.5°  | 50.9   | 58.3   | 68.6   | 86.3   | 116.6  | 174.2  | 290.5  | 494.7  | 737.8  | 904.9  | 941.1  |
| 100°   | 65.3   | 71.4   | 81.6   | 98.0   | 125.5  | 176.2  | 273.4  | 448.7  | 691.0  | 911.1  | 1036.6 |
| 102.5° | 80.4   | 85.8   | 95.4   | 111.1  | 137.2  | 183.0  | 268.5  | 417.8  | 632.7  | 859.5  | 1031.8 |
| 105°   | 103.1  | 107.5  | 117.8  | 133.2  | 158.2  | 199.4  | 270.8  | 391.1  | 563.9  | 765.9  | 962.7  |
| 107.5° | 126.1  | 130.3  | 141.3  | 156.1  | 180.6  | 218.5  | 283.4  | 386.2  | 525.4  | 690.2  | 864.5  |
| 110°   | 141.8  | 146.1  | 156.4  | 171.9  | 195.1  | 232.9  | 293.1  | 387.6  | 512.3  | 652.4  | 805.4  |





TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 157.0 | 162.0 | 171.6 | 187.0 | 210.3 | 246.7 | 303.4 | 391.8 | 506.1 | 631.1 | 762.1 |
| 115°   | 179.6 | 185.6 | 194.2 | 210.6 | 233.8 | 268.2 | 319.8 | 399.7 | 502.8 | 611.1 | 718.6 |
| 117.5° | 202.2 | 207.5 | 217.0 | 232.2 | 256.3 | 289.0 | 336.4 | 408.1 | 502.0 | 602.2 | 697.2 |
| 120°   | 216.6 | 222.7 | 232.0 | 246.7 | 270.8 | 303.4 | 348.1 | 414.3 | 502.0 | 597.4 | 687.6 |
| 122.5° | 230.3 | 236.3 | 245.1 | 261.1 | 284.5 | 317.2 | 359.1 | 420.5 | 501.3 | 591.9 | 679.4 |
| 125°   | 250.1 | 255.3 | 264.8 | 281.0 | 305.1 | 336.0 | 375.7 | 429.8 | 500.2 | 582.8 | 665.3 |
| 127.5° | 265.4 | 271.6 | 282.4 | 299.5 | 323.7 | 353.6 | 389.9 | 437.1 | 498.3 | 570.6 | 648.1 |
| 130°   | 275.1 | 281.9 | 294.8 | 311.2 | 336.0 | 365.3 | 398.8 | 442.6 | 497.7 | 563.0 | 634.4 |
| 132.5° | 283.3 | 292.2 | 304.4 | 322.2 | 345.7 | 375.0 | 407.8 | 447.5 | 497.0 | 556.1 | 619.9 |
| 135°   | 296.5 | 305.1 | 319.8 | 337.8 | 360.2 | 388.5 | 419.5 | 454.7 | 495.9 | 545.8 | 599.9 |
| 137.5° | 308.9 | 318.4 | 332.3 | 351.0 | 372.4 | 398.8 | 427.7 | 459.0 | 495.8 | 536.8 | 581.9 |
| 140°   | 317.2 | 326.7 | 341.2 | 359.3 | 380.0 | 405.7 | 433.2 | 462.4 | 495.1 | 532.1 | 571.6 |
| 142.5° | 326.8 | 335.5 | 349.5 | 366.9 | 386.8 | 411.9 | 437.3 | 465.2 | 495.1 | 528.0 | 562.0 |
| 145°   | 340.4 | 349.0 | 361.0 | 377.4 | 396.2 | 418.6 | 441.8 | 466.7 | 493.4 | 520.9 | 548.4 |
| 147.5° | 354.0 | 361.5 | 373.9 | 387.4 | 404.5 | 425.5 | 445.7 | 467.6 | 490.3 | 514.5 | 537.2 |
| 150°   | 363.6 | 370.5 | 380.8 | 393.6 | 410.0 | 429.0 | 447.8 | 467.6 | 488.2 | 509.7 | 530.4 |
| 152.5° | 371.9 | 378.8 | 388.3 | 399.8 | 414.8 | 431.7 | 449.2 | 466.2 | 484.7 | 504.2 | 522.8 |
| 155°   | 385.0 | 390.2 | 398.8 | 408.3 | 421.2 | 435.8 | 450.4 | 464.2 | 479.7 | 495.9 | 511.4 |
| 157.5° | 396.4 | 401.2 | 407.9 | 416.2 | 426.4 | 438.7 | 450.4 | 461.9 | 474.3 | 487.5 | 499.2 |
| 160°   | 404.0 | 407.4 | 413.5 | 420.3 | 429.8 | 440.1 | 450.4 | 459.9 | 470.2 | 481.4 | 491.6 |
| 162.5° | 410.2 | 412.9 | 418.3 | 424.5 | 431.9 | 441.4 | 450.4 | 457.8 | 466.1 | 475.9 | 484.1 |
| 165°   | 418.6 | 420.3 | 424.6 | 429.0 | 434.0 | 441.8 | 448.7 | 453.8 | 459.9 | 466.7 | 473.6 |
| 167.5° | 425.5 | 426.4 | 429.6 | 432.0 | 435.9 | 441.6 | 446.6 | 449.7 | 453.7 | 458.5 | 463.5 |
| 170°   | 429.0 | 429.8 | 432.4 | 434.0 | 436.6 | 440.9 | 445.2 | 446.9 | 449.5 | 453.0 | 457.3 |
| 172.5° | 432.4 | 432.5 | 434.4 | 435.4 | 437.3 | 440.2 | 443.8 | 444.2 | 445.4 | 448.2 | 451.8 |
| 175°   | 435.8 | 435.8 | 436.6 | 437.5 | 437.5 | 439.2 | 441.8 | 440.9 | 440.9 | 442.6 | 444.4 |
| 177.5° | 437.5 | 436.8 | 437.5 | 437.5 | 437.5 | 438.2 | 439.5 | 438.2 | 438.2 | 438.9 | 439.5 |
| 180°   | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5°   | 1514.5 | 1515.4 | 1519.7 | 1523.0 | 1524.0 | 1528.8 | 1529.2 |
| 5°     | 1647.5 | 1657.7 | 1677.3 | 1679.1 | 1682.0 | 1697.5 | 1685.7 |
| 7.5°   | 1803.5 | 1829.2 | 1846.3 | 1861.5 | 1867.0 | 1873.7 | 1872.3 |
| 10°    | 1903.5 | 1941.6 | 1960.7 | 1991.0 | 1992.2 | 1999.9 | 1995.2 |
| 12.5°  | 2004.0 | 2048.2 | 2083.0 | 2088.6 | 2114.1 | 2118.0 | 2124.7 |
| 15°    | 2146.3 | 2193.4 | 2241.6 | 2258.8 | 2294.0 | 2302.3 | 2315.4 |
| 17.5°  | 2280.2 | 2328.2 | 2362.1 | 2406.7 | 2421.1 | 2440.4 | 2427.2 |
| 20°    | 2353.5 | 2405.9 | 2448.7 | 2483.8 | 2498.7 | 2509.4 | 2508.3 |
| 22.5°  | 2397.8 | 2450.6 | 2485.4 | 2511.9 | 2525.8 | 2530.4 | 2530.1 |
| 25°    | 2425.5 | 2455.8 | 2466.6 | 2476.7 | 2461.3 | 2455.8 | 2458.2 |
| 27.5°  | 2348.4 | 2340.5 | 2312.6 | 2275.9 | 2237.7 | 2207.5 | 2191.1 |
| 30°    | 2242.2 | 2195.7 | 2153.4 | 2079.7 | 2041.6 | 2019.0 | 1998.7 |
| 32.5°  | 2091.7 | 2018.1 | 1936.8 | 1869.2 | 1825.9 | 1792.3 | 1787.3 |
| 35°    | 1833.8 | 1723.1 | 1623.8 | 1541.0 | 1498.1 | 1461.8 | 1453.5 |
| 37.5°  | 1559.1 | 1444.1 | 1354.6 | 1281.8 | 1235.7 | 1210.0 | 1186.1 |
| 40°    | 1376.7 | 1277.9 | 1189.8 | 1127.9 | 1092.8 | 1074.4 | 1059.5 |
| 42.5°  | 1236.2 | 1146.0 | 1058.4 | 1011.2 | 979.5  | 968.2  | 959.5  |
| 45°    | 1042.2 | 958.3  | 897.6  | 861.9  | 843.4  | 824.4  | 815.5  |
| 47.5°  | 886.8  | 818.6  | 778.5  | 748.2  | 728.4  | 717.1  | 711.4  |
| 50°    | 798.7  | 742.8  | 707.1  | 683.9  | 666.1  | 657.1  | 652.4  |
| 52.5°  | 720.7  | 674.8  | 644.7  | 626.3  | 614.2  | 607.6  | 605.7  |
| 55°    | 620.8  | 585.7  | 566.6  | 550.6  | 541.7  | 535.7  | 533.3  |
| 57.5°  | 539.6  | 512.6  | 497.1  | 483.9  | 480.4  | 475.4  | 473.8  |
| 60°    | 486.3  | 465.5  | 452.4  | 443.4  | 440.5  | 434.5  | 435.7  |
| 62.5°  | 439.1  | 422.1  | 411.0  | 405.8  | 401.9  | 396.9  | 398.6  |
| 65°    | 371.4  | 359.0  | 352.9  | 348.2  | 343.5  | 340.4  | 342.9  |
| 67.5°  | 311.7  | 303.1  | 295.0  | 292.2  | 289.9  | 289.4  | 286.9  |
| 70°    | 272.6  | 265.4  | 258.3  | 256.6  | 256.6  | 254.2  | 253.6  |
| 72.5°  | 235.0  | 229.7  | 225.0  | 223.7  | 221.8  | 222.7  | 220.2  |
| 75°    | 181.5  | 177.4  | 175.6  | 173.8  | 173.2  | 173.2  | 171.4  |
| 77.5°  | 134.1  | 131.0  | 128.2  | 128.2  | 126.1  | 125.3  | 125.0  |
| 80°    | 101.8  | 100.6  | 98.2   | 98.2   | 97.0   | 97.6   | 96.4   |
| 82.5°  | 76.5   | 74.9   | 74.4   | 73.4   | 71.8   | 71.9   | 70.7   |
| 85°    | 41.1   | 39.3   | 38.7   | 36.9   | 35.7   | 36.9   | 35.7   |
| 87.5°  | 17.6   | 17.2   | 16.8   | 16.0   | 15.7   | 15.5   | 14.1   |
| 90°    | 16.4   | 17.2   | 17.2   | 18.1   | 18.9   | 18.1   | 18.1   |
| 92.5°  | 127.1  | 101.1  | 83.9   | 73.8   | 69.1   | 66.2   | 66.2   |
| 95°    | 503.7  | 388.5  | 305.1  | 263.0  | 236.3  | 220.9  | 209.7  |
| 97.5°  | 891.5  | 807.4  | 717.7  | 656.0  | 604.2  | 578.5  | 560.6  |
| 100°   | 1053.8 | 1011.7 | 948.0  | 873.3  | 820.9  | 795.0  | 788.2  |
| 102.5° | 1117.1 | 1129.3 | 1102.8 | 1056.9 | 1018.9 | 991.8  | 986.3  |
| 105°   | 1111.4 | 1196.4 | 1231.7 | 1233.5 | 1226.6 | 1214.5 | 1209.4 |
| 107.5° | 1022.9 | 1142.7 | 1219.3 | 1261.8 | 1281.4 | 1290.0 | 1292.3 |
| 110°   | 954.1  | 1078.7 | 1173.3 | 1234.3 | 1270.4 | 1285.9 | 1293.7 |



TEST NUMBER: P332654-935

CATALOG NUMBER: S124DIP-S1020D1035U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 893.5 | 1011.3 | 1105.9 | 1175.2 | 1218.8 | 1240.5 | 1253.0 |
| 115°   | 824.3 | 924.9  | 1007.4 | 1075.3 | 1126.9 | 1154.3 | 1161.2 |
| 117.5° | 784.8 | 863.8  | 933.8  | 991.8  | 1035.1 | 1062.9 | 1068.2 |
| 120°   | 767.6 | 836.4  | 897.3  | 946.3  | 984.2  | 1006.5 | 1016.0 |
| 122.5° | 756.6 | 819.2  | 872.6  | 914.0  | 946.3  | 965.3  | 974.7  |
| 125°   | 739.2 | 798.5  | 845.8  | 880.2  | 905.1  | 921.4  | 926.6  |
| 127.5° | 718.8 | 777.9  | 822.8  | 857.3  | 879.5  | 893.2  | 898.4  |
| 130°   | 702.2 | 760.7  | 806.2  | 841.5  | 863.0  | 876.8  | 881.9  |
| 132.5° | 683.7 | 740.7  | 786.4  | 820.9  | 845.1  | 858.2  | 863.3  |
| 135°   | 655.8 | 708.3  | 751.2  | 785.7  | 809.7  | 823.5  | 828.6  |
| 137.5° | 629.2 | 673.4  | 712.2  | 744.3  | 768.1  | 779.5  | 785.7  |
| 140°   | 612.0 | 650.7  | 686.7  | 716.9  | 735.8  | 747.8  | 754.7  |
| 142.5° | 597.5 | 630.8  | 662.0  | 688.6  | 706.2  | 716.9  | 721.7  |
| 145°   | 577.6 | 603.4  | 627.5  | 648.9  | 663.6  | 672.2  | 676.5  |
| 147.5° | 560.4 | 581.1  | 599.9  | 615.8  | 628.4  | 634.9  | 636.4  |
| 150°   | 550.1 | 567.3  | 582.8  | 596.5  | 607.7  | 612.9  | 613.7  |
| 152.5° | 539.8 | 555.6  | 568.3  | 580.1  | 589.1  | 592.2  | 593.1  |
| 155°   | 525.2 | 538.0  | 548.4  | 557.0  | 563.9  | 566.5  | 566.5  |
| 157.5° | 510.7 | 521.6  | 529.9  | 536.3  | 541.5  | 543.0  | 543.0  |
| 160°   | 501.1 | 510.6  | 517.5  | 522.6  | 527.8  | 528.7  | 528.7  |
| 162.5° | 492.1 | 499.6  | 505.8  | 509.5  | 514.7  | 515.6  | 514.9  |
| 165°   | 478.8 | 484.7  | 489.0  | 492.5  | 495.9  | 495.1  | 494.2  |
| 167.5° | 467.4 | 472.3  | 474.8  | 476.6  | 478.8  | 478.6  | 477.9  |
| 170°   | 459.9 | 463.3  | 465.9  | 467.6  | 468.5  | 467.6  | 467.6  |
| 172.5° | 453.7 | 455.7  | 457.6  | 458.7  | 459.5  | 458.7  | 457.3  |
| 175°   | 445.2 | 446.9  | 446.9  | 446.9  | 448.7  | 446.9  | 445.2  |
| 177.5° | 440.2 | 440.2  | 440.9  | 440.2  | 440.9  | 439.5  | 438.2  |
| 180°   | 437.5 | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  | 437.5  |

(END OF REPORT)