

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: P332312-830

Luminaire Tested: **S123RDIP-S775D805U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332312-830  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-S775D805U830-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 775 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 805 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

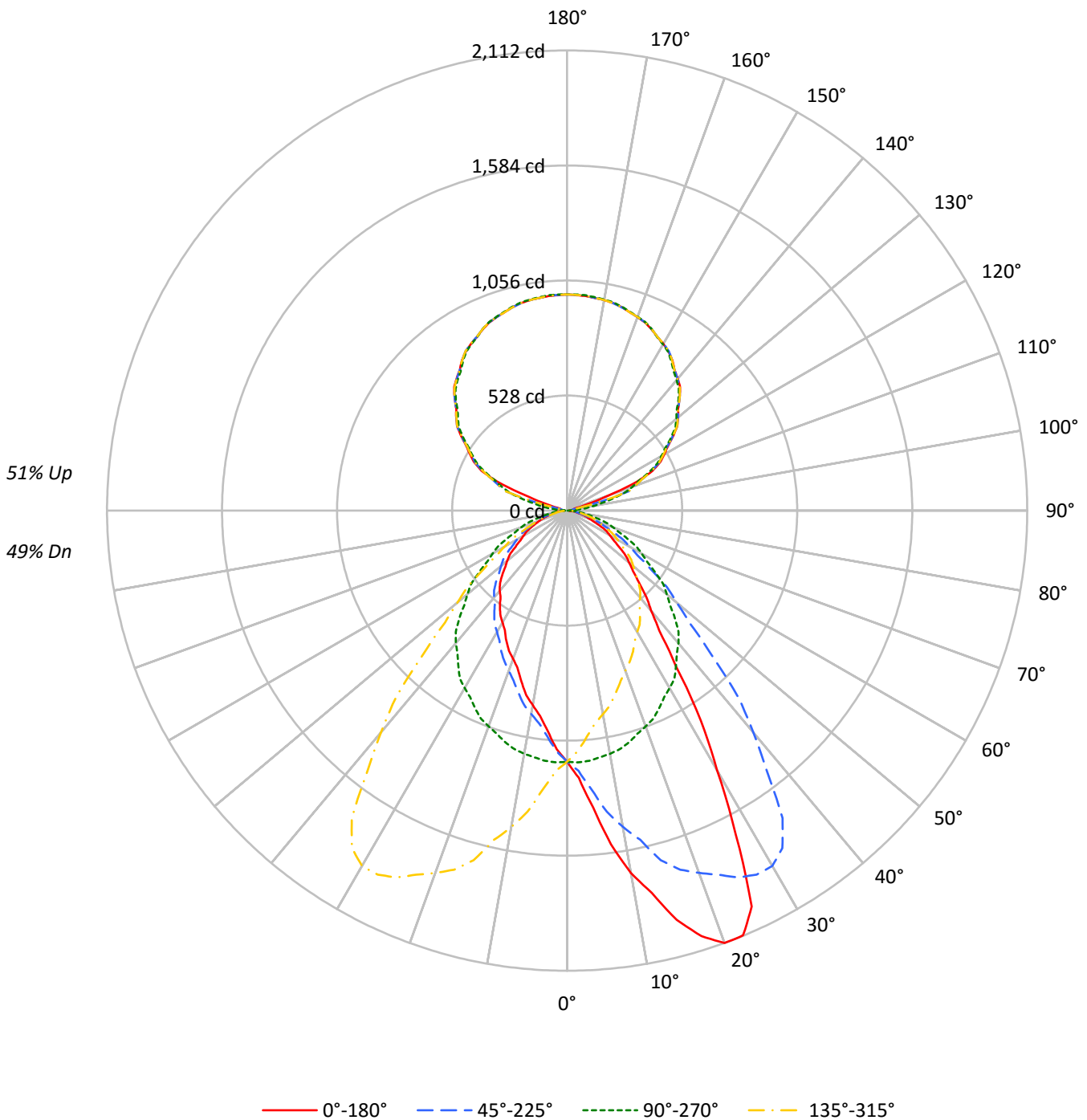
Lumens per Lamp: N/A  
Luminaire Lumens: 5897.5 lumens  
Efficiency: N/A  
Efficacy: 128.5 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 45.9  
Input Voltage (V): 120  
Input Current (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: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P332312-830

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 83 | 83 | 83 | 68 | 68 | 68 | 55 | 55 | 55 | 49 |
| 1   | 98  | 94  | 90  | 87  | 90 | 87 | 84 | 81 | 73 | 71 | 69 | 61 | 59 | 58 | 49 | 48 | 47 | 42 |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 71 | 67 | 65 | 61 | 58 | 54 | 52 | 49 | 44 | 42 | 41 | 36 |
| 3   | 82  | 73  | 66  | 61  | 76 | 68 | 62 | 57 | 58 | 53 | 49 | 48 | 45 | 42 | 40 | 37 | 35 | 31 |
| 4   | 75  | 65  | 58  | 52  | 69 | 60 | 54 | 49 | 52 | 47 | 43 | 43 | 40 | 37 | 36 | 33 | 31 | 27 |
| 5   | 69  | 58  | 50  | 45  | 64 | 54 | 47 | 42 | 46 | 41 | 37 | 39 | 35 | 32 | 32 | 30 | 27 | 24 |
| 6   | 64  | 52  | 45  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 28 | 30 | 27 | 24 | 21 |
| 7   | 59  | 47  | 40  | 34  | 55 | 44 | 37 | 33 | 38 | 33 | 29 | 33 | 28 | 25 | 27 | 24 | 22 | 19 |
| 8   | 55  | 43  | 36  | 31  | 51 | 40 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |
| 9   | 51  | 40  | 32  | 27  | 47 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 18 | 16 |
| 10  | 48  | 36  | 29  | 25  | 44 | 34 | 28 | 23 | 30 | 25 | 21 | 25 | 21 | 19 | 22 | 18 | 16 | 14 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12408 | 12408 | 12408 | 12408 |
| 5°  | 14791 | 12460 | 10974 | 12460 |
| 10° | 18467 | 12389 | 9913  | 12389 |
| 15° | 21677 | 12262 | 9040  | 12262 |
| 20° | 24192 | 12073 | 8298  | 12073 |
| 25° | 23807 | 11874 | 7842  | 11874 |
| 30° | 17112 | 11691 | 7372  | 11691 |
| 35° | 11426 | 11452 | 7068  | 11452 |
| 40° | 8418  | 11164 | 6753  | 11164 |
| 45° | 7060  | 10659 | 6445  | 10659 |
| 50° | 6231  | 9999  | 6015  | 9999  |
| 55° | 5465  | 9242  | 5427  | 9242  |
| 60° | 4865  | 8521  | 4971  | 8521  |
| 65° | 4274  | 7743  | 4625  | 7743  |
| 70° | 3355  | 7050  | 4223  | 7050  |
| 75° | 2957  | 6159  | 3855  | 6159  |
| 80° | 2572  | 5232  | 3794  | 5232  |
| 85° | 2075  | 4199  | 4026  | 4199  |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 113.4  | 1.9       |
| 10°-20°   | 354.2  | 6.0       |
| 20°-30°   | 556.4  | 9.4       |
| 30°-40°   | 580.5  | 9.8       |
| 40°-50°   | 496.8  | 8.4       |
| 50°-60°   | 378.6  | 6.4       |
| 60°-70°   | 242.7  | 4.1       |
| 70°-80°   | 116.7  | 2.0       |
| 80°-90°   | 33.7   | 0.6       |
| 90°-100°  | 36.1   | 0.6       |
| 100°-110° | 171.9  | 2.9       |
| 110°-120° | 412.8  | 7.0       |
| 120°-130° | 525.7  | 8.9       |
| 130°-140° | 561.7  | 9.5       |
| 140°-150° | 525.2  | 8.9       |
| 150°-160° | 423.7  | 7.2       |
| 160°-170° | 273.4  | 4.6       |
| 170°-180° | 94.2   | 1.6       |
| 0°-30°    | 1023.9 | 17.4      |
| 0°-40°    | 1604.4 | 27.2      |
| 0°-60°    | 2479.8 | 42.0      |
| 0°-90°    | 2872.9 | 48.7      |
| 90°-120°  | 620.7  | 10.5      |
| 90°-150°  | 2233.3 | 37.9      |
| 90°-180°  | 3025.0 | 51.3      |
| 0°-180°   | 5897.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1153 | 1153 | 1153 | 1153 | 1153 |      |
| 5°   | 1369 | 1153 | 1016 | 1153 | 1369 | 141  |
| 15°  | 1945 | 1100 | 811  | 1100 | 1945 | 552  |
| 25°  | 2004 | 1000 | 660  | 1000 | 2004 | 862  |
| 35°  | 870  | 872  | 538  | 872  | 870  | 570  |
| 45°  | 464  | 700  | 423  | 700  | 464  | 365  |
| 55°  | 291  | 492  | 289  | 492  | 291  | 263  |
| 65°  | 168  | 304  | 182  | 304  | 168  | 165  |
| 75°  | 71   | 148  | 93   | 148  | 71   | 76   |
| 85°  | 17   | 34   | 33   | 34   | 17   | 20   |
| 90°  | 22   | 1    | 22   | 1    | 22   | 11   |
| 95°  | 28   | 45   | 28   | 45   | 28   | 23   |
| 105° | 32   | 220  | 32   | 220  | 32   | 74   |
| 115° | 433  | 412  | 433  | 412  | 433  | 400  |
| 125° | 592  | 581  | 592  | 581  | 592  | 529  |
| 135° | 730  | 723  | 730  | 723  | 730  | 563  |
| 145° | 842  | 834  | 842  | 834  | 842  | 526  |
| 155° | 917  | 919  | 917  | 919  | 917  | 423  |
| 165° | 967  | 969  | 967  | 969  | 967  | 273  |
| 175° | 988  | 992  | 988  | 992  | 988  | 94   |
| 180° | 992  | 992  | 992  | 992  | 992  |      |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1227.8 | 1229.4 | 1224.2 | 1223.4 | 1217.5 | 1215.9 | 1215.9 | 1207.6 | 1202.5 | 1195.8 | 1191.8 |
| 5°     | 1368.9 | 1376.8 | 1372.8 | 1364.0 | 1349.2 | 1345.7 | 1336.3 | 1321.5 | 1304.8 | 1284.0 | 1274.1 |
| 7.5°   | 1545.1 | 1555.9 | 1551.8 | 1538.0 | 1522.6 | 1510.0 | 1483.6 | 1459.0 | 1424.6 | 1394.3 | 1368.5 |
| 10°    | 1689.6 | 1678.3 | 1669.4 | 1656.0 | 1641.8 | 1618.5 | 1590.9 | 1552.9 | 1509.0 | 1474.5 | 1436.0 |
| 12.5°  | 1797.8 | 1795.9 | 1784.7 | 1770.9 | 1750.8 | 1728.7 | 1694.8 | 1648.5 | 1597.4 | 1547.6 | 1503.5 |
| 15°    | 1945.2 | 1948.2 | 1940.8 | 1926.5 | 1897.9 | 1858.9 | 1807.6 | 1788.3 | 1715.3 | 1661.0 | 1606.8 |
| 17.5°  | 2047.3 | 2046.7 | 2045.7 | 2025.9 | 1996.7 | 1969.0 | 1921.4 | 1870.8 | 1804.6 | 1728.2 | 1655.0 |
| 20°    | 2112.0 | 2107.1 | 2108.1 | 2085.8 | 2064.2 | 2032.1 | 1985.7 | 1912.2 | 1857.9 | 1769.6 | 1694.0 |
| 22.5°  | 2110.4 | 2109.5 | 2113.3 | 2105.6 | 2089.8 | 2065.3 | 2028.7 | 1966.7 | 1897.4 | 1808.3 | 1723.3 |
| 25°    | 2004.5 | 2000.5 | 2023.7 | 2030.1 | 2055.3 | 2059.7 | 2048.9 | 2014.9 | 1949.2 | 1857.4 | 1752.3 |
| 27.5°  | 1677.6 | 1675.5 | 1718.4 | 1772.4 | 1840.6 | 1893.8 | 1945.0 | 1969.8 | 1949.2 | 1883.5 | 1778.2 |
| 30°    | 1376.8 | 1423.1 | 1444.9 | 1522.9 | 1609.7 | 1713.4 | 1804.1 | 1890.5 | 1911.7 | 1883.1 | 1796.7 |
| 32.5°  | 1143.1 | 1183.6 | 1201.6 | 1268.6 | 1349.5 | 1470.9 | 1607.1 | 1729.4 | 1815.8 | 1837.7 | 1785.6 |
| 35°    | 869.5  | 870.0  | 911.4  | 941.0  | 1016.1 | 1140.9 | 1273.2 | 1437.0 | 1599.8 | 1723.2 | 1736.0 |
| 37.5°  | 693.8  | 696.3  | 721.3  | 750.8  | 807.1  | 873.2  | 989.6  | 1125.8 | 1313.9 | 1503.3 | 1614.3 |
| 40°    | 599.1  | 603.5  | 622.3  | 651.4  | 691.8  | 741.7  | 832.5  | 960.8  | 1117.7 | 1328.4 | 1500.6 |
| 42.5°  | 538.3  | 545.4  | 555.2  | 577.6  | 602.7  | 649.3  | 722.7  | 821.8  | 964.5  | 1163.8 | 1362.4 |
| 45°    | 463.8  | 467.8  | 475.2  | 485.6  | 508.3  | 540.8  | 590.2  | 656.8  | 775.2  | 935.7  | 1134.4 |
| 47.5°  | 409.2  | 407.1  | 414.9  | 423.3  | 438.4  | 460.6  | 493.7  | 548.1  | 632.5  | 761.2  | 929.9  |
| 50°    | 372.1  | 371.6  | 377.0  | 383.4  | 397.8  | 414.1  | 441.2  | 482.1  | 549.2  | 655.8  | 810.3  |
| 52.5°  | 337.3  | 339.2  | 343.1  | 351.1  | 361.4  | 374.6  | 398.9  | 428.4  | 486.1  | 578.1  | 706.8  |
| 55°    | 291.2  | 292.7  | 298.0  | 302.5  | 309.9  | 323.2  | 338.6  | 363.2  | 402.7  | 466.8  | 572.9  |
| 57.5°  | 252.0  | 251.4  | 256.6  | 257.7  | 266.1  | 276.9  | 288.8  | 307.9  | 336.6  | 384.2  | 455.6  |
| 60°    | 226.0  | 224.5  | 228.9  | 232.4  | 236.9  | 245.7  | 255.6  | 274.4  | 297.1  | 332.1  | 393.3  |
| 62.5°  | 202.4  | 201.6  | 204.9  | 208.3  | 212.0  | 220.1  | 228.4  | 242.8  | 260.7  | 290.3  | 338.8  |
| 65°    | 167.8  | 169.3  | 170.7  | 172.2  | 174.2  | 179.1  | 187.0  | 196.9  | 209.2  | 230.0  | 264.9  |
| 67.5°  | 131.9  | 133.4  | 133.8  | 136.9  | 141.1  | 144.2  | 149.0  | 157.8  | 166.4  | 183.9  | 203.8  |
| 70°    | 106.6  | 106.1  | 106.6  | 108.1  | 113.5  | 118.9  | 125.4  | 131.8  | 137.1  | 149.5  | 166.3  |
| 72.5°  | 91.6   | 90.7   | 92.0   | 92.3   | 94.9   | 96.4   | 100.5  | 106.5  | 113.5  | 121.9  | 133.9  |
| 75°    | 71.1   | 71.1   | 71.1   | 71.1   | 73.0   | 74.0   | 75.5   | 77.0   | 79.5   | 83.4   | 92.3   |
| 77.5°  | 52.5   | 52.6   | 53.3   | 53.8   | 54.2   | 54.8   | 55.7   | 57.1   | 58.1   | 60.1   | 64.0   |
| 80°    | 41.5   | 41.9   | 41.5   | 41.9   | 41.9   | 42.9   | 43.5   | 44.9   | 45.4   | 47.9   | 49.4   |
| 82.5°  | 31.2   | 30.9   | 31.2   | 31.7   | 31.7   | 32.7   | 32.8   | 33.8   | 33.9   | 35.3   | 36.8   |
| 85°    | 16.8   | 15.8   | 16.8   | 16.3   | 17.2   | 16.3   | 16.8   | 17.7   | 17.7   | 18.3   | 20.3   |
| 87.5°  | 8.4    | 9.0    | 8.2    | 8.6    | 8.5    | 8.8    | 8.7    | 8.6    | 9.2    | 8.7    | 8.7    |
| 90°    | 22.1   | 21.8   | 21.5   | 21.1   | 20.8   | 20.3   | 19.6   | 19.0   | 18.4   | 17.7   | 15.6   |
| 92.5°  | 24.5   | 24.2   | 24.0   | 23.8   | 23.7   | 23.1   | 22.0   | 20.9   | 19.9   | 18.9   | 17.2   |
| 95°    | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 27.4   | 26.3   | 25.2   | 24.0   | 22.8   | 21.0   |
| 97.5°  | 30.3   | 30.2   | 30.1   | 29.9   | 29.7   | 28.9   | 27.6   | 26.4   | 25.1   | 23.8   | 35.5   |
| 100°   | 30.9   | 30.8   | 30.6   | 30.4   | 30.3   | 29.6   | 28.3   | 27.0   | 25.6   | 24.3   | 49.9   |
| 102.5° | 31.6   | 31.2   | 30.9   | 30.6   | 30.3   | 32.2   | 36.3   | 40.3   | 44.4   | 48.4   | 76.3   |
| 105°   | 32.4   | 32.1   | 31.8   | 31.5   | 31.1   | 45.4   | 74.5   | 103.4  | 132.4  | 161.4  | 176.1  |
| 107.5° | 101.8  | 123.7  | 145.5  | 167.4  | 189.2  | 210.8  | 232.1  | 253.3  | 274.6  | 295.8  | 293.4  |
| 110°   | 202.6  | 226.0  | 249.5  | 272.9  | 296.3  | 310.8  | 316.1  | 321.5  | 327.0  | 332.3  | 330.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 347.7 | 352.6 | 357.5 | 362.5 | 367.4 | 369.9 | 369.8 | 369.7 | 369.6 | 369.5 | 367.7 |
| 115°   | 433.3 | 432.6 | 432.0 | 431.3 | 430.6 | 429.5 | 427.9 | 426.2 | 424.6 | 423.0 | 421.5 |
| 117.5° | 481.4 | 481.2 | 481.1 | 481.0 | 480.8 | 480.0 | 478.8 | 477.5 | 476.2 | 474.9 | 474.1 |
| 120°   | 514.3 | 514.3 | 514.3 | 514.3 | 514.3 | 513.7 | 512.4 | 511.0 | 509.7 | 508.4 | 507.9 |
| 122.5° | 546.8 | 546.7 | 546.5 | 546.4 | 546.2 | 545.7 | 544.8 | 543.8 | 543.0 | 542.1 | 541.4 |
| 125°   | 592.5 | 592.1 | 591.8 | 591.4 | 591.2 | 590.8 | 590.5 | 590.1 | 589.8 | 589.5 | 588.8 |
| 127.5° | 636.4 | 636.7 | 637.1 | 637.3 | 637.6 | 637.5 | 637.1 | 636.5 | 636.0 | 635.5 | 634.7 |
| 130°   | 664.7 | 665.0 | 665.3 | 665.6 | 666.0 | 665.8 | 665.2 | 664.5 | 663.8 | 663.2 | 662.5 |
| 132.5° | 690.6 | 691.1 | 691.5 | 692.0 | 692.4 | 692.3 | 691.6 | 691.0 | 690.4 | 689.8 | 689.2 |
| 135°   | 730.3 | 730.8 | 731.2 | 731.7 | 732.2 | 732.2 | 731.7 | 731.2 | 730.8 | 730.3 | 729.6 |
| 137.5° | 767.5 | 767.9 | 768.2 | 768.5 | 768.8 | 768.6 | 767.8 | 767.0 | 766.3 | 765.4 | 765.1 |
| 140°   | 789.9 | 790.2 | 790.6 | 790.9 | 791.3 | 791.1 | 790.4 | 789.8 | 789.1 | 788.4 | 788.0 |
| 142.5° | 810.6 | 811.1 | 811.4 | 811.9 | 812.4 | 812.4 | 811.8 | 811.3 | 810.8 | 810.3 | 809.7 |
| 145°   | 842.3 | 842.3 | 842.3 | 842.3 | 842.3 | 842.1 | 841.8 | 841.4 | 841.1 | 840.7 | 840.5 |
| 147.5° | 865.8 | 866.6 | 867.3 | 868.1 | 868.8 | 869.0 | 868.7 | 868.4 | 868.1 | 867.7 | 867.4 |
| 150°   | 883.5 | 884.0 | 884.5 | 885.0 | 885.5 | 885.5 | 885.2 | 884.9 | 884.6 | 884.3 | 883.9 |
| 152.5° | 897.7 | 898.4 | 899.2 | 899.9 | 900.7 | 900.8 | 900.1 | 899.6 | 899.0 | 898.4 | 898.2 |
| 155°   | 917.4 | 918.4 | 919.4 | 920.4 | 921.3 | 921.4 | 920.6 | 919.8 | 919.0 | 918.1 | 917.9 |
| 157.5° | 934.1 | 935.4 | 936.6 | 937.9 | 939.1 | 939.3 | 938.3 | 937.4 | 936.4 | 935.4 | 935.6 |
| 160°   | 944.7 | 945.8 | 947.0 | 948.1 | 949.2 | 949.3 | 948.4 | 947.3 | 946.4 | 945.4 | 945.6 |
| 162.5° | 954.7 | 955.7 | 956.7 | 957.7 | 958.8 | 958.7 | 957.6 | 956.5 | 955.4 | 954.2 | 954.4 |
| 165°   | 966.8 | 967.9 | 969.0 | 970.3 | 971.4 | 971.3 | 970.0 | 968.7 | 967.3 | 966.0 | 966.2 |
| 167.5° | 975.4 | 976.8 | 978.1 | 979.4 | 980.7 | 980.7 | 979.4 | 978.1 | 976.8 | 975.4 | 975.4 |
| 170°   | 980.8 | 982.1 | 983.4 | 984.7 | 986.0 | 986.0 | 984.7 | 983.4 | 982.1 | 980.8 | 980.8 |
| 172.5° | 983.7 | 985.1 | 986.7 | 988.1 | 989.5 | 989.6 | 988.3 | 986.9 | 985.6 | 984.3 | 984.2 |
| 175°   | 988.2 | 989.5 | 990.8 | 992.1 | 993.3 | 993.4 | 992.3 | 991.2 | 990.0 | 988.9 | 988.7 |
| 177.5° | 989.5 | 990.8 | 992.1 | 993.4 | 994.8 | 994.9 | 993.8 | 992.8 | 991.7 | 990.6 | 990.5 |
| 180°   | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1190.2 | 1189.0 | 1183.6 | 1177.2 | 1168.9 | 1163.4 | 1159.0 | 1156.7 | 1149.6 | 1140.9 | 1135.0 |
| 5°     | 1263.8 | 1249.0 | 1233.2 | 1213.9 | 1196.2 | 1177.9 | 1166.6 | 1153.2 | 1137.0 | 1118.7 | 1105.9 |
| 7.5°   | 1342.6 | 1313.5 | 1282.2 | 1250.0 | 1218.0 | 1189.5 | 1164.2 | 1142.6 | 1116.6 | 1090.4 | 1072.1 |
| 10°    | 1403.0 | 1360.5 | 1316.5 | 1271.7 | 1230.7 | 1192.2 | 1162.6 | 1133.5 | 1102.4 | 1072.3 | 1049.6 |
| 12.5°  | 1457.8 | 1401.9 | 1351.3 | 1296.2 | 1243.8 | 1197.8 | 1155.1 | 1120.9 | 1083.5 | 1051.4 | 1025.5 |
| 15°    | 1527.3 | 1470.1 | 1408.8 | 1324.9 | 1255.4 | 1197.1 | 1145.4 | 1100.4 | 1055.1 | 1015.6 | 990.4  |
| 17.5°  | 1592.2 | 1506.1 | 1423.9 | 1353.9 | 1263.5 | 1190.7 | 1127.5 | 1073.7 | 1024.0 | 982.1  | 951.1  |
| 20°    | 1619.1 | 1535.7 | 1446.3 | 1357.1 | 1268.2 | 1186.8 | 1113.2 | 1054.0 | 1002.2 | 954.9  | 926.2  |
| 22.5°  | 1635.2 | 1540.8 | 1446.7 | 1350.8 | 1256.4 | 1171.8 | 1099.1 | 1033.9 | 977.8  | 932.7  | 897.4  |
| 25°    | 1654.1 | 1541.6 | 1437.9 | 1343.2 | 1247.0 | 1155.2 | 1068.8 | 999.8  | 939.1  | 891.2  | 853.7  |
| 27.5°  | 1666.5 | 1534.2 | 1411.7 | 1306.4 | 1208.8 | 1117.4 | 1038.2 | 965.1  | 903.4  | 852.8  | 812.6  |
| 30°    | 1668.9 | 1528.2 | 1391.6 | 1277.6 | 1178.4 | 1094.5 | 1010.6 | 940.6  | 875.4  | 821.6  | 784.1  |
| 32.5°  | 1672.1 | 1513.6 | 1364.3 | 1243.2 | 1141.7 | 1058.6 | 982.6  | 915.7  | 848.9  | 796.0  | 757.7  |
| 35°    | 1659.1 | 1505.6 | 1323.0 | 1183.8 | 1082.1 | 1001.7 | 933.1  | 871.5  | 805.9  | 754.5  | 715.5  |
| 37.5°  | 1603.0 | 1473.5 | 1280.2 | 1116.9 | 1010.6 | 936.1  | 880.2  | 826.4  | 766.3  | 710.9  | 674.2  |
| 40°    | 1546.5 | 1441.9 | 1247.0 | 1076.3 | 965.3  | 888.7  | 838.4  | 794.5  | 736.2  | 684.5  | 645.0  |
| 42.5°  | 1462.4 | 1398.9 | 1215.4 | 1033.6 | 913.9  | 840.2  | 797.8  | 756.6  | 705.5  | 652.9  | 615.8  |
| 45°    | 1308.2 | 1316.5 | 1150.8 | 965.7  | 842.8  | 768.8  | 728.9  | 700.2  | 654.9  | 611.4  | 573.4  |
| 47.5°  | 1114.7 | 1193.2 | 1074.9 | 893.3  | 767.9  | 698.4  | 663.5  | 638.6  | 607.9  | 565.3  | 530.7  |
| 50°    | 988.4  | 1100.4 | 1014.1 | 844.8  | 721.0  | 651.9  | 617.4  | 597.1  | 570.4  | 536.9  | 503.8  |
| 52.5°  | 871.9  | 992.3  | 940.7  | 790.7  | 670.1  | 606.9  | 573.2  | 556.5  | 535.3  | 503.7  | 473.8  |
| 55°    | 711.1  | 833.0  | 821.1  | 709.1  | 593.6  | 536.9  | 511.2  | 492.5  | 478.2  | 454.5  | 430.8  |
| 57.5°  | 575.2  | 690.8  | 696.9  | 618.3  | 526.3  | 470.2  | 448.2  | 434.0  | 424.7  | 406.8  | 384.9  |
| 60°    | 489.6  | 595.6  | 616.3  | 557.1  | 478.2  | 428.9  | 407.1  | 395.8  | 388.3  | 374.1  | 357.3  |
| 62.5°  | 418.5  | 508.8  | 532.3  | 489.7  | 432.0  | 385.8  | 368.8  | 357.9  | 352.8  | 340.4  | 325.6  |
| 65°    | 320.3  | 395.3  | 417.9  | 394.3  | 364.2  | 327.2  | 313.4  | 304.0  | 299.5  | 292.7  | 281.7  |
| 67.5°  | 240.8  | 295.5  | 320.4  | 303.7  | 292.8  | 269.5  | 260.6  | 255.6  | 251.7  | 246.9  | 237.9  |
| 70°    | 193.4  | 233.9  | 259.6  | 255.1  | 246.3  | 233.9  | 227.5  | 224.0  | 220.1  | 216.1  | 208.2  |
| 72.5°  | 155.5  | 183.4  | 207.5  | 209.7  | 202.5  | 199.9  | 194.4  | 192.8  | 190.5  | 185.8  | 181.4  |
| 75°    | 103.1  | 122.3  | 139.1  | 145.5  | 148.5  | 151.0  | 148.5  | 148.1  | 147.5  | 143.6  | 141.1  |
| 77.5°  | 67.6   | 77.9   | 88.5   | 99.4   | 104.2  | 107.4  | 108.3  | 110.1  | 108.8  | 106.7  | 105.5  |
| 80°    | 51.8   | 54.3   | 61.6   | 71.1   | 78.4   | 81.4   | 83.4   | 84.4   | 83.9   | 83.4   | 81.4   |
| 82.5°  | 37.6   | 39.7   | 43.2   | 49.8   | 56.0   | 60.9   | 62.1   | 61.9   | 63.0   | 63.2   | 61.6   |
| 85°    | 20.3   | 20.7   | 21.7   | 22.7   | 26.1   | 31.6   | 33.1   | 34.0   | 35.1   | 35.1   | 32.0   |
| 87.5°  | 9.0    | 8.2    | 8.6    | 8.2    | 9.0    | 9.0    | 11.1   | 12.8   | 13.5   | 12.3   | 12.5   |
| 90°    | 13.4   | 11.3   | 9.1    | 7.3    | 5.7    | 4.1    | 2.4    | 0.8    | 2.4    | 4.1    | 5.7    |
| 92.5°  | 15.6   | 14.0   | 12.4   | 11.9   | 12.3   | 12.8   | 13.3   | 13.7   | 13.3   | 12.8   | 12.3   |
| 95°    | 19.2   | 17.4   | 15.6   | 18.1   | 24.8   | 31.5   | 38.3   | 45.0   | 38.3   | 31.5   | 24.8   |
| 97.5°  | 47.3   | 59.1   | 70.9   | 78.3   | 81.3   | 84.4   | 87.4   | 90.3   | 87.4   | 84.4   | 81.3   |
| 100°   | 75.4   | 100.9  | 126.5  | 137.6  | 134.3  | 131.1  | 127.8  | 124.5  | 127.8  | 131.1  | 134.3  |
| 102.5° | 104.2  | 132.2  | 160.1  | 172.9  | 170.5  | 168.1  | 165.8  | 163.4  | 165.8  | 168.1  | 170.5  |
| 105°   | 190.9  | 205.6  | 220.4  | 226.8  | 225.0  | 223.2  | 221.4  | 219.6  | 221.4  | 223.2  | 225.0  |
| 107.5° | 291.2  | 288.8  | 286.4  | 284.6  | 283.1  | 281.7  | 280.3  | 278.8  | 280.3  | 281.7  | 283.1  |
| 110°   | 328.8  | 327.0  | 325.1  | 323.6  | 322.3  | 320.9  | 319.6  | 318.3  | 319.6  | 320.9  | 322.3  |





TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 365.9 | 364.1 | 362.2 | 360.8 | 359.6 | 358.4 | 357.2 | 356.1 | 357.2 | 358.4 | 359.6 |
| 115°   | 420.0 | 418.6 | 417.1 | 415.8 | 414.9 | 413.9 | 412.9 | 411.9 | 412.9 | 413.9 | 414.9 |
| 117.5° | 473.3 | 472.6 | 471.8 | 470.8 | 469.7 | 468.4 | 467.2 | 466.0 | 467.2 | 468.4 | 469.7 |
| 120°   | 507.5 | 507.0 | 506.5 | 505.5 | 504.0 | 502.6 | 501.1 | 499.6 | 501.1 | 502.6 | 504.0 |
| 122.5° | 540.8 | 540.2 | 539.5 | 538.7 | 537.4 | 536.2 | 535.0 | 533.8 | 535.0 | 536.2 | 537.4 |
| 125°   | 588.1 | 587.6 | 586.9 | 585.9 | 584.6 | 583.2 | 581.9 | 580.7 | 581.9 | 583.2 | 584.6 |
| 127.5° | 634.0 | 633.1 | 632.4 | 631.3 | 630.0 | 628.7 | 627.4 | 626.0 | 627.4 | 628.7 | 630.0 |
| 130°   | 661.9 | 661.2 | 660.5 | 659.6 | 658.3 | 657.0 | 655.6 | 654.3 | 655.6 | 657.0 | 658.3 |
| 132.5° | 688.6 | 688.2 | 687.6 | 686.7 | 685.4 | 684.1 | 682.8 | 681.5 | 682.8 | 684.1 | 685.4 |
| 135°   | 729.0 | 728.3 | 727.6 | 726.8 | 725.9 | 724.8 | 723.9 | 722.8 | 723.9 | 724.8 | 725.9 |
| 137.5° | 764.8 | 764.4 | 764.0 | 763.2 | 762.0 | 760.7 | 759.5 | 758.3 | 759.5 | 760.7 | 762.0 |
| 140°   | 787.5 | 787.0 | 786.5 | 785.8 | 784.8 | 783.8 | 782.8 | 781.8 | 782.8 | 783.8 | 784.8 |
| 142.5° | 809.3 | 808.8 | 808.3 | 807.6 | 806.6 | 805.6 | 804.6 | 803.6 | 804.6 | 805.6 | 806.6 |
| 145°   | 840.1 | 839.8 | 839.4 | 838.8 | 837.5 | 836.4 | 835.3 | 834.2 | 835.3 | 836.4 | 837.5 |
| 147.5° | 867.0 | 866.8 | 866.5 | 865.9 | 865.2 | 864.4 | 863.7 | 862.9 | 863.7 | 864.4 | 865.2 |
| 150°   | 883.6 | 883.3 | 883.0 | 882.5 | 882.0 | 881.6 | 881.1 | 880.5 | 881.1 | 881.6 | 882.0 |
| 152.5° | 898.0 | 897.8 | 897.6 | 897.4 | 897.2 | 896.9 | 896.7 | 896.5 | 896.7 | 896.9 | 897.2 |
| 155°   | 917.8 | 917.7 | 917.5 | 917.6 | 917.9 | 918.2 | 918.6 | 918.9 | 918.6 | 918.2 | 917.9 |
| 157.5° | 935.8 | 935.9 | 936.0 | 936.1 | 936.1 | 936.2 | 936.2 | 936.2 | 936.2 | 936.2 | 936.1 |
| 160°   | 945.7 | 945.9 | 946.0 | 946.2 | 946.4 | 946.6 | 946.7 | 946.9 | 946.7 | 946.6 | 946.4 |
| 162.5° | 954.6 | 954.7 | 954.9 | 955.2 | 955.6 | 956.0 | 956.5 | 956.9 | 956.5 | 956.0 | 955.6 |
| 165°   | 966.4 | 966.6 | 966.7 | 967.0 | 967.5 | 968.0 | 968.5 | 969.0 | 968.5 | 968.0 | 967.5 |
| 167.5° | 975.4 | 975.4 | 975.4 | 975.8 | 976.5 | 977.1 | 977.8 | 978.5 | 977.8 | 977.1 | 976.5 |
| 170°   | 980.8 | 980.8 | 980.8 | 981.1 | 981.8 | 982.4 | 983.1 | 983.7 | 983.1 | 982.4 | 981.8 |
| 172.5° | 984.0 | 983.9 | 983.8 | 984.1 | 984.9 | 985.7 | 986.5 | 987.2 | 986.5 | 985.7 | 984.9 |
| 175°   | 988.5 | 988.4 | 988.3 | 988.5 | 989.4 | 990.2 | 991.0 | 991.8 | 991.0 | 990.2 | 989.4 |
| 177.5° | 990.4 | 990.2 | 990.1 | 990.4 | 991.1 | 991.7 | 992.4 | 993.0 | 992.4 | 991.7 | 991.1 |
| 180°   | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1133.0 | 1127.8 | 1124.4 | 1116.4 | 1111.3 | 1105.8 | 1100.2 | 1103.8 | 1103.4 | 1103.0 | 1103.0 |
| 5°     | 1095.0 | 1083.6 | 1073.3 | 1060.0 | 1051.6 | 1041.2 | 1033.3 | 1032.4 | 1034.3 | 1027.4 | 1023.4 |
| 7.5°   | 1057.3 | 1041.8 | 1027.1 | 1012.4 | 996.8  | 984.4  | 976.6  | 972.9  | 967.9  | 963.7  | 959.2  |
| 10°    | 1030.9 | 1012.6 | 998.2  | 980.1  | 963.3  | 948.5  | 939.1  | 932.6  | 929.2  | 925.8  | 919.4  |
| 12.5°  | 1003.6 | 985.7  | 967.5  | 946.9  | 930.9  | 913.7  | 906.7  | 899.5  | 892.9  | 889.0  | 880.2  |
| 15°    | 963.7  | 940.6  | 921.3  | 899.6  | 881.8  | 865.1  | 855.2  | 840.8  | 838.9  | 834.0  | 825.1  |
| 17.5°  | 923.8  | 898.6  | 872.0  | 856.0  | 835.9  | 818.5  | 803.4  | 798.6  | 784.5  | 779.2  | 771.5  |
| 20°    | 892.2  | 869.0  | 848.8  | 827.6  | 798.4  | 782.1  | 770.3  | 763.9  | 752.5  | 745.6  | 740.6  |
| 22.5°  | 865.0  | 841.4  | 817.9  | 793.2  | 769.2  | 750.9  | 742.3  | 732.3  | 726.1  | 716.4  | 711.1  |
| 25°    | 826.0  | 800.4  | 772.3  | 745.6  | 728.4  | 714.5  | 700.7  | 691.8  | 683.0  | 678.5  | 668.6  |
| 27.5°  | 780.9  | 754.0  | 727.7  | 707.6  | 686.4  | 672.7  | 660.2  | 652.2  | 641.6  | 634.1  | 628.7  |
| 30°    | 756.0  | 724.4  | 701.7  | 683.4  | 656.3  | 643.5  | 634.1  | 624.2  | 616.3  | 608.4  | 603.0  |
| 32.5°  | 727.2  | 698.3  | 676.8  | 654.2  | 633.4  | 619.4  | 607.3  | 598.6  | 591.8  | 584.4  | 578.9  |
| 35°    | 681.9  | 657.8  | 635.6  | 612.8  | 597.6  | 583.2  | 569.0  | 561.6  | 555.2  | 548.3  | 543.3  |
| 37.5°  | 641.1  | 618.5  | 597.4  | 575.9  | 556.9  | 545.3  | 533.8  | 528.1  | 519.4  | 514.8  | 509.7  |
| 40°    | 615.9  | 593.6  | 570.9  | 550.3  | 530.5  | 521.6  | 511.2  | 502.8  | 494.9  | 491.5  | 486.1  |
| 42.5°  | 588.2  | 566.0  | 546.9  | 524.5  | 508.4  | 496.3  | 486.7  | 477.6  | 471.6  | 466.7  | 463.5  |
| 45°    | 547.2  | 527.5  | 508.8  | 486.5  | 471.3  | 460.9  | 450.1  | 441.7  | 436.2  | 432.8  | 427.3  |
| 47.5°  | 507.5  | 487.8  | 468.7  | 449.3  | 434.5  | 422.7  | 411.9  | 406.0  | 398.8  | 394.5  | 391.0  |
| 50°    | 478.6  | 460.9  | 440.6  | 422.9  | 408.1  | 396.2  | 387.4  | 379.9  | 373.5  | 368.2  | 365.7  |
| 52.5°  | 452.2  | 433.3  | 415.8  | 399.3  | 383.6  | 370.2  | 362.1  | 354.3  | 349.5  | 343.3  | 340.4  |
| 55°    | 408.6  | 390.3  | 375.5  | 359.2  | 343.9  | 332.6  | 322.7  | 315.8  | 310.9  | 304.0  | 300.0  |
| 57.5°  | 367.6  | 351.3  | 333.6  | 319.4  | 303.7  | 294.1  | 285.9  | 276.5  | 270.5  | 265.1  | 261.3  |
| 60°    | 340.0  | 321.2  | 305.9  | 292.7  | 278.8  | 266.5  | 259.1  | 251.7  | 245.2  | 239.8  | 236.4  |
| 62.5°  | 311.2  | 294.8  | 280.3  | 265.8  | 253.2  | 242.4  | 233.8  | 227.6  | 222.0  | 218.5  | 215.1  |
| 65°    | 266.9  | 254.1  | 239.3  | 227.5  | 215.7  | 207.7  | 200.9  | 195.4  | 191.4  | 189.0  | 186.1  |
| 67.5°  | 226.3  | 213.9  | 201.0  | 189.3  | 181.4  | 175.4  | 170.9  | 166.2  | 164.2  | 161.1  | 159.1  |
| 70°    | 199.8  | 187.0  | 175.7  | 166.8  | 158.9  | 154.5  | 151.5  | 148.1  | 146.1  | 142.1  | 140.2  |
| 72.5°  | 171.1  | 161.7  | 153.5  | 146.3  | 140.0  | 135.9  | 132.1  | 127.9  | 124.8  | 120.4  | 118.5  |
| 75°    | 134.7  | 126.3  | 119.9  | 115.0  | 111.0  | 105.6  | 100.2  | 95.8   | 94.3   | 92.7   | 92.3   |
| 77.5°  | 99.8   | 94.4   | 89.8   | 85.7   | 80.8   | 76.8   | 75.6   | 74.6   | 74.3   | 73.5   | 73.5   |
| 80°    | 78.4   | 73.5   | 70.0   | 65.1   | 62.2   | 62.2   | 62.2   | 61.2   | 61.6   | 61.6   | 61.6   |
| 82.5°  | 58.3   | 53.8   | 51.9   | 50.1   | 49.6   | 50.0   | 50.0   | 50.1   | 49.9   | 50.6   | 50.2   |
| 85°    | 30.1   | 30.6   | 31.6   | 31.1   | 31.6   | 31.6   | 32.6   | 32.0   | 32.6   | 31.6   | 32.6   |
| 87.5°  | 12.5   | 14.0   | 14.9   | 15.7   | 16.5   | 16.6   | 17.1   | 17.2   | 17.7   | 17.9   | 18.0   |
| 90°    | 7.3    | 9.1    | 11.3   | 13.4   | 15.6   | 17.7   | 18.4   | 19.0   | 19.6   | 20.3   | 20.8   |
| 92.5°  | 11.9   | 12.4   | 14.0   | 15.6   | 17.2   | 18.9   | 19.9   | 20.9   | 22.0   | 23.1   | 23.7   |
| 95°    | 18.1   | 15.6   | 17.4   | 19.2   | 21.0   | 22.8   | 24.0   | 25.2   | 26.3   | 27.4   | 28.0   |
| 97.5°  | 78.3   | 70.9   | 59.1   | 47.3   | 35.5   | 23.8   | 25.1   | 26.4   | 27.6   | 28.9   | 29.7   |
| 100°   | 137.6  | 126.5  | 100.9  | 75.4   | 49.9   | 24.3   | 25.6   | 27.0   | 28.3   | 29.6   | 30.3   |
| 102.5° | 172.9  | 160.1  | 132.2  | 104.2  | 76.3   | 48.4   | 44.4   | 40.3   | 36.3   | 32.2   | 30.3   |
| 105°   | 226.8  | 220.4  | 205.6  | 190.9  | 176.1  | 161.4  | 132.4  | 103.4  | 74.5   | 45.4   | 31.1   |
| 107.5° | 284.6  | 286.4  | 288.8  | 291.2  | 293.4  | 295.8  | 274.6  | 253.3  | 232.1  | 210.8  | 189.2  |
| 110°   | 323.6  | 325.1  | 327.0  | 328.8  | 330.5  | 332.3  | 327.0  | 321.5  | 316.1  | 310.8  | 296.3  |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 360.8 | 362.2 | 364.1 | 365.9 | 367.7 | 369.5 | 369.6 | 369.7 | 369.8 | 369.9 | 367.4 |
| 115°   | 415.8 | 417.1 | 418.6 | 420.0 | 421.5 | 423.0 | 424.6 | 426.2 | 427.9 | 429.5 | 430.6 |
| 117.5° | 470.8 | 471.8 | 472.6 | 473.3 | 474.1 | 474.9 | 476.2 | 477.5 | 478.8 | 480.0 | 480.8 |
| 120°   | 505.5 | 506.5 | 507.0 | 507.5 | 507.9 | 508.4 | 509.7 | 511.0 | 512.4 | 513.7 | 514.3 |
| 122.5° | 538.7 | 539.5 | 540.2 | 540.8 | 541.4 | 542.1 | 543.0 | 543.8 | 544.8 | 545.7 | 546.2 |
| 125°   | 585.9 | 586.9 | 587.6 | 588.1 | 588.8 | 589.5 | 589.8 | 590.1 | 590.5 | 590.8 | 591.2 |
| 127.5° | 631.3 | 632.4 | 633.1 | 634.0 | 634.7 | 635.5 | 636.0 | 636.5 | 637.1 | 637.5 | 637.6 |
| 130°   | 659.6 | 660.5 | 661.2 | 661.9 | 662.5 | 663.2 | 663.8 | 664.5 | 665.2 | 665.8 | 666.0 |
| 132.5° | 686.7 | 687.6 | 688.2 | 688.6 | 689.2 | 689.8 | 690.4 | 691.0 | 691.6 | 692.3 | 692.4 |
| 135°   | 726.8 | 727.6 | 728.3 | 729.0 | 729.6 | 730.3 | 730.8 | 731.2 | 731.7 | 732.2 | 732.2 |
| 137.5° | 763.2 | 764.0 | 764.4 | 764.8 | 765.1 | 765.4 | 766.3 | 767.0 | 767.8 | 768.6 | 768.8 |
| 140°   | 785.8 | 786.5 | 787.0 | 787.5 | 788.0 | 788.4 | 789.1 | 789.8 | 790.4 | 791.1 | 791.3 |
| 142.5° | 807.6 | 808.3 | 808.8 | 809.3 | 809.7 | 810.3 | 810.8 | 811.3 | 811.8 | 812.4 | 812.4 |
| 145°   | 838.8 | 839.4 | 839.8 | 840.1 | 840.5 | 840.7 | 841.1 | 841.4 | 841.8 | 842.1 | 842.3 |
| 147.5° | 865.9 | 866.5 | 866.8 | 867.0 | 867.4 | 867.7 | 868.1 | 868.4 | 868.7 | 869.0 | 868.8 |
| 150°   | 882.5 | 883.0 | 883.3 | 883.6 | 883.9 | 884.3 | 884.6 | 884.9 | 885.2 | 885.5 | 885.5 |
| 152.5° | 897.4 | 897.6 | 897.8 | 898.0 | 898.2 | 898.4 | 899.0 | 899.6 | 900.1 | 900.8 | 900.7 |
| 155°   | 917.6 | 917.5 | 917.7 | 917.8 | 917.9 | 918.1 | 919.0 | 919.8 | 920.6 | 921.4 | 921.3 |
| 157.5° | 936.1 | 936.0 | 935.9 | 935.8 | 935.6 | 935.4 | 936.4 | 937.4 | 938.3 | 939.3 | 939.1 |
| 160°   | 946.2 | 946.0 | 945.9 | 945.7 | 945.6 | 945.4 | 946.4 | 947.3 | 948.4 | 949.3 | 949.2 |
| 162.5° | 955.2 | 954.9 | 954.7 | 954.6 | 954.4 | 954.2 | 955.4 | 956.5 | 957.6 | 958.7 | 958.8 |
| 165°   | 967.0 | 966.7 | 966.6 | 966.4 | 966.2 | 966.0 | 967.3 | 968.7 | 970.0 | 971.3 | 971.4 |
| 167.5° | 975.8 | 975.4 | 975.4 | 975.4 | 975.4 | 975.4 | 976.8 | 978.1 | 979.4 | 980.7 | 980.7 |
| 170°   | 981.1 | 980.8 | 980.8 | 980.8 | 980.8 | 980.8 | 982.1 | 983.4 | 984.7 | 986.0 | 986.0 |
| 172.5° | 984.1 | 983.8 | 983.9 | 984.0 | 984.2 | 984.3 | 985.6 | 986.9 | 988.3 | 989.6 | 989.5 |
| 175°   | 988.5 | 988.3 | 988.4 | 988.5 | 988.7 | 988.9 | 990.0 | 991.2 | 992.3 | 993.4 | 993.3 |
| 177.5° | 990.4 | 990.1 | 990.2 | 990.4 | 990.5 | 990.6 | 991.7 | 992.8 | 993.8 | 994.9 | 994.8 |
| 180°   | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1098.3 | 1097.9 | 1098.3 | 1096.6 | 1098.3 | 1097.9 | 1098.3 | 1103.0 | 1103.0 | 1103.4 | 1103.8 |
| 5°     | 1022.0 | 1021.4 | 1020.0 | 1015.6 | 1020.0 | 1021.4 | 1022.0 | 1023.4 | 1027.4 | 1034.3 | 1032.4 |
| 7.5°   | 955.4  | 954.7  | 950.4  | 950.5  | 950.4  | 954.7  | 955.4  | 959.2  | 963.7  | 967.9  | 972.9  |
| 10°    | 915.9  | 916.3  | 910.5  | 907.0  | 910.5  | 916.3  | 915.9  | 919.4  | 925.8  | 929.2  | 932.6  |
| 12.5°  | 877.6  | 875.3  | 870.5  | 866.8  | 870.5  | 875.3  | 877.6  | 880.2  | 889.0  | 892.9  | 899.5  |
| 15°    | 827.1  | 822.1  | 810.3  | 811.2  | 810.3  | 822.1  | 827.1  | 825.1  | 834.0  | 838.9  | 840.8  |
| 17.5°  | 767.5  | 763.9  | 763.6  | 756.8  | 763.6  | 763.9  | 767.5  | 771.5  | 779.2  | 784.5  | 798.6  |
| 20°    | 732.8  | 730.4  | 731.3  | 724.4  | 731.3  | 730.4  | 732.8  | 740.6  | 745.6  | 752.5  | 763.9  |
| 22.5°  | 705.6  | 703.1  | 699.0  | 696.8  | 699.0  | 703.1  | 705.6  | 711.1  | 716.4  | 726.1  | 732.3  |
| 25°    | 665.7  | 661.8  | 657.8  | 660.3  | 657.8  | 661.8  | 665.7  | 668.6  | 678.5  | 683.0  | 691.8  |
| 27.5°  | 625.8  | 622.8  | 618.9  | 618.4  | 618.9  | 622.8  | 625.8  | 628.7  | 634.1  | 641.6  | 652.2  |
| 30°    | 600.6  | 597.6  | 595.6  | 593.1  | 595.6  | 597.6  | 600.6  | 603.0  | 608.4  | 616.3  | 624.2  |
| 32.5°  | 574.9  | 574.3  | 570.7  | 570.2  | 570.7  | 574.3  | 574.9  | 578.9  | 584.4  | 591.8  | 598.6  |
| 35°    | 541.3  | 538.4  | 537.3  | 537.9  | 537.3  | 538.4  | 541.3  | 543.3  | 548.3  | 555.2  | 561.6  |
| 37.5°  | 509.4  | 505.5  | 503.7  | 502.0  | 503.7  | 505.5  | 509.4  | 509.7  | 514.8  | 519.4  | 528.1  |
| 40°    | 486.5  | 482.6  | 481.6  | 480.6  | 481.6  | 482.6  | 486.5  | 486.1  | 491.5  | 494.9  | 502.8  |
| 42.5°  | 460.9  | 459.3  | 458.7  | 456.9  | 458.7  | 459.3  | 460.9  | 463.5  | 466.7  | 471.6  | 477.6  |
| 45°    | 425.8  | 425.4  | 422.4  | 423.4  | 422.4  | 425.4  | 425.8  | 427.3  | 432.8  | 436.2  | 441.7  |
| 47.5°  | 389.0  | 386.8  | 384.7  | 386.1  | 384.7  | 386.8  | 389.0  | 391.0  | 394.5  | 398.8  | 406.0  |
| 50°    | 363.7  | 362.7  | 358.3  | 359.2  | 358.3  | 362.7  | 363.7  | 365.7  | 368.2  | 373.5  | 379.9  |
| 52.5°  | 338.5  | 334.7  | 333.0  | 332.4  | 333.0  | 334.7  | 338.5  | 340.4  | 343.3  | 349.5  | 354.3  |
| 55°    | 296.6  | 292.1  | 290.1  | 289.2  | 290.1  | 292.1  | 296.6  | 300.0  | 304.0  | 310.9  | 315.8  |
| 57.5°  | 255.5  | 254.3  | 252.8  | 253.8  | 252.8  | 254.3  | 255.5  | 261.3  | 265.1  | 270.5  | 276.5  |
| 60°    | 231.4  | 231.4  | 231.4  | 230.9  | 231.4  | 231.4  | 231.4  | 236.4  | 239.8  | 245.2  | 251.7  |
| 62.5°  | 212.9  | 211.7  | 211.3  | 212.0  | 211.3  | 211.7  | 212.9  | 215.1  | 218.5  | 222.0  | 227.6  |
| 65°    | 184.5  | 184.1  | 182.1  | 181.6  | 182.1  | 184.1  | 184.5  | 186.1  | 189.0  | 191.4  | 195.4  |
| 67.5°  | 157.8  | 156.0  | 155.4  | 154.8  | 155.4  | 156.0  | 157.8  | 159.1  | 161.1  | 164.2  | 166.2  |
| 70°    | 137.7  | 136.7  | 133.7  | 134.2  | 133.7  | 136.7  | 137.7  | 140.2  | 142.1  | 146.1  | 148.1  |
| 72.5°  | 115.9  | 115.0  | 114.4  | 113.7  | 114.4  | 115.0  | 115.9  | 118.5  | 120.4  | 124.8  | 127.9  |
| 75°    | 91.8   | 91.3   | 90.8   | 92.7   | 90.8   | 91.3   | 91.8   | 92.3   | 92.7   | 94.3   | 95.8   |
| 77.5°  | 73.5   | 73.5   | 73.8   | 73.0   | 73.8   | 73.5   | 73.5   | 73.5   | 73.5   | 74.3   | 74.6   |
| 80°    | 61.6   | 61.6   | 61.2   | 61.2   | 61.2   | 61.6   | 61.6   | 61.6   | 61.6   | 61.6   | 61.2   |
| 82.5°  | 49.5   | 49.9   | 50.1   | 49.4   | 50.1   | 49.9   | 49.5   | 50.2   | 50.6   | 49.9   | 50.1   |
| 85°    | 32.6   | 32.0   | 33.1   | 32.6   | 33.1   | 32.0   | 32.6   | 32.6   | 31.6   | 32.6   | 32.0   |
| 87.5°  | 18.9   | 18.1   | 18.2   | 18.7   | 18.2   | 18.1   | 18.9   | 18.0   | 17.9   | 17.7   | 17.2   |
| 90°    | 21.1   | 21.5   | 21.8   | 22.1   | 21.8   | 21.5   | 21.1   | 20.8   | 20.3   | 19.6   | 19.0   |
| 92.5°  | 23.8   | 24.0   | 24.2   | 24.5   | 24.2   | 24.0   | 23.8   | 23.7   | 23.1   | 22.0   | 20.9   |
| 95°    | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   | 27.4   | 26.3   | 25.2   |
| 97.5°  | 29.9   | 30.1   | 30.2   | 30.3   | 30.2   | 30.1   | 29.9   | 29.7   | 28.9   | 27.6   | 26.4   |
| 100°   | 30.4   | 30.6   | 30.8   | 30.9   | 30.8   | 30.6   | 30.4   | 30.3   | 29.6   | 28.3   | 27.0   |
| 102.5° | 30.6   | 30.9   | 31.2   | 31.6   | 31.2   | 30.9   | 30.6   | 30.3   | 32.2   | 36.3   | 40.3   |
| 105°   | 31.5   | 31.8   | 32.1   | 32.4   | 32.1   | 31.8   | 31.5   | 31.1   | 45.4   | 74.5   | 103.4  |
| 107.5° | 167.4  | 145.5  | 123.7  | 101.8  | 123.7  | 145.5  | 167.4  | 189.2  | 210.8  | 232.1  | 253.3  |
| 110°   | 272.9  | 249.5  | 226.0  | 202.6  | 226.0  | 249.5  | 272.9  | 296.3  | 310.8  | 316.1  | 321.5  |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 362.5 | 357.5 | 352.6 | 347.7 | 352.6 | 357.5 | 362.5 | 367.4 | 369.9 | 369.8 | 369.7 |
| 115°   | 431.3 | 432.0 | 432.6 | 433.3 | 432.6 | 432.0 | 431.3 | 430.6 | 429.5 | 427.9 | 426.2 |
| 117.5° | 481.0 | 481.1 | 481.2 | 481.4 | 481.2 | 481.1 | 481.0 | 480.8 | 480.0 | 478.8 | 477.5 |
| 120°   | 514.3 | 514.3 | 514.3 | 514.3 | 514.3 | 514.3 | 514.3 | 514.3 | 513.7 | 512.4 | 511.0 |
| 122.5° | 546.4 | 546.5 | 546.7 | 546.8 | 546.7 | 546.5 | 546.4 | 546.2 | 545.7 | 544.8 | 543.8 |
| 125°   | 591.4 | 591.8 | 592.1 | 592.5 | 592.1 | 591.8 | 591.4 | 591.2 | 590.8 | 590.5 | 590.1 |
| 127.5° | 637.3 | 637.1 | 636.7 | 636.4 | 636.7 | 637.1 | 637.3 | 637.6 | 637.5 | 637.1 | 636.5 |
| 130°   | 665.6 | 665.3 | 665.0 | 664.7 | 665.0 | 665.3 | 665.6 | 666.0 | 665.8 | 665.2 | 664.5 |
| 132.5° | 692.0 | 691.5 | 691.1 | 690.6 | 691.1 | 691.5 | 692.0 | 692.4 | 692.3 | 691.6 | 691.0 |
| 135°   | 731.7 | 731.2 | 730.8 | 730.3 | 730.8 | 731.2 | 731.7 | 732.2 | 732.2 | 731.7 | 731.2 |
| 137.5° | 768.5 | 768.2 | 767.9 | 767.5 | 767.9 | 768.2 | 768.5 | 768.8 | 768.6 | 767.8 | 767.0 |
| 140°   | 790.9 | 790.6 | 790.2 | 789.9 | 790.2 | 790.6 | 790.9 | 791.3 | 791.1 | 790.4 | 789.8 |
| 142.5° | 811.9 | 811.4 | 811.1 | 810.6 | 811.1 | 811.4 | 811.9 | 812.4 | 812.4 | 811.8 | 811.3 |
| 145°   | 842.3 | 842.3 | 842.3 | 842.3 | 842.3 | 842.3 | 842.3 | 842.3 | 842.1 | 841.8 | 841.4 |
| 147.5° | 868.1 | 867.3 | 866.6 | 865.8 | 866.6 | 867.3 | 868.1 | 868.8 | 869.0 | 868.7 | 868.4 |
| 150°   | 885.0 | 884.5 | 884.0 | 883.5 | 884.0 | 884.5 | 885.0 | 885.5 | 885.5 | 885.2 | 884.9 |
| 152.5° | 899.9 | 899.2 | 898.4 | 897.7 | 898.4 | 899.2 | 899.9 | 900.7 | 900.8 | 900.1 | 899.6 |
| 155°   | 920.4 | 919.4 | 918.4 | 917.4 | 918.4 | 919.4 | 920.4 | 921.3 | 921.4 | 920.6 | 919.8 |
| 157.5° | 937.9 | 936.6 | 935.4 | 934.1 | 935.4 | 936.6 | 937.9 | 939.1 | 939.3 | 938.3 | 937.4 |
| 160°   | 948.1 | 947.0 | 945.8 | 944.7 | 945.8 | 947.0 | 948.1 | 949.2 | 949.3 | 948.4 | 947.3 |
| 162.5° | 957.7 | 956.7 | 955.7 | 954.7 | 955.7 | 956.7 | 957.7 | 958.8 | 958.7 | 957.6 | 956.5 |
| 165°   | 970.3 | 969.0 | 967.9 | 966.8 | 967.9 | 969.0 | 970.3 | 971.4 | 971.3 | 970.0 | 968.7 |
| 167.5° | 979.4 | 978.1 | 976.8 | 975.4 | 976.8 | 978.1 | 979.4 | 980.7 | 980.7 | 979.4 | 978.1 |
| 170°   | 984.7 | 983.4 | 982.1 | 980.8 | 982.1 | 983.4 | 984.7 | 986.0 | 986.0 | 984.7 | 983.4 |
| 172.5° | 988.1 | 986.7 | 985.1 | 983.7 | 985.1 | 986.7 | 988.1 | 989.5 | 989.6 | 988.3 | 986.9 |
| 175°   | 992.1 | 990.8 | 989.5 | 988.2 | 989.5 | 990.8 | 992.1 | 993.3 | 993.4 | 992.3 | 991.2 |
| 177.5° | 993.4 | 992.1 | 990.8 | 989.5 | 990.8 | 992.1 | 993.4 | 994.8 | 994.9 | 993.8 | 992.8 |
| 180°   | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1100.2 | 1105.8 | 1111.3 | 1116.4 | 1124.4 | 1127.8 | 1133.0 | 1135.0 | 1140.9 | 1149.6 | 1156.7 |
| 5°     | 1033.3 | 1041.2 | 1051.6 | 1060.0 | 1073.3 | 1083.6 | 1095.0 | 1105.9 | 1118.7 | 1137.0 | 1153.2 |
| 7.5°   | 976.6  | 984.4  | 996.8  | 1012.4 | 1027.1 | 1041.8 | 1057.3 | 1072.1 | 1090.4 | 1116.6 | 1142.6 |
| 10°    | 939.1  | 948.5  | 963.3  | 980.1  | 998.2  | 1012.6 | 1030.9 | 1049.6 | 1072.3 | 1102.4 | 1133.5 |
| 12.5°  | 906.7  | 913.7  | 930.9  | 946.9  | 967.5  | 985.7  | 1003.6 | 1025.5 | 1051.4 | 1083.5 | 1120.9 |
| 15°    | 855.2  | 865.1  | 881.8  | 899.6  | 921.3  | 940.6  | 963.7  | 990.4  | 1015.6 | 1055.1 | 1100.4 |
| 17.5°  | 803.4  | 818.5  | 835.9  | 856.0  | 872.0  | 898.6  | 923.8  | 951.1  | 982.1  | 1024.0 | 1073.7 |
| 20°    | 770.3  | 782.1  | 798.4  | 827.6  | 848.8  | 869.0  | 892.2  | 926.2  | 954.9  | 1002.2 | 1054.0 |
| 22.5°  | 742.3  | 750.9  | 769.2  | 793.2  | 817.9  | 841.4  | 865.0  | 897.4  | 932.7  | 977.8  | 1033.9 |
| 25°    | 700.7  | 714.5  | 728.4  | 745.6  | 772.3  | 800.4  | 826.0  | 853.7  | 891.2  | 939.1  | 999.8  |
| 27.5°  | 660.2  | 672.7  | 686.4  | 707.6  | 727.7  | 754.0  | 780.9  | 812.6  | 852.8  | 903.4  | 965.1  |
| 30°    | 634.1  | 643.5  | 656.3  | 683.4  | 701.7  | 724.4  | 756.0  | 784.1  | 821.6  | 875.4  | 940.6  |
| 32.5°  | 607.3  | 619.4  | 633.4  | 654.2  | 676.8  | 698.3  | 727.2  | 757.7  | 796.0  | 848.9  | 915.7  |
| 35°    | 569.0  | 583.2  | 597.6  | 612.8  | 635.6  | 657.8  | 681.9  | 715.5  | 754.5  | 805.9  | 871.5  |
| 37.5°  | 533.8  | 545.3  | 556.9  | 575.9  | 597.4  | 618.5  | 641.1  | 674.2  | 710.9  | 766.3  | 826.4  |
| 40°    | 511.2  | 521.6  | 530.5  | 550.3  | 570.9  | 593.6  | 615.9  | 645.0  | 684.5  | 736.2  | 794.5  |
| 42.5°  | 486.7  | 496.3  | 508.4  | 524.5  | 546.9  | 566.0  | 588.2  | 615.8  | 652.9  | 705.5  | 756.6  |
| 45°    | 450.1  | 460.9  | 471.3  | 486.5  | 508.8  | 527.5  | 547.2  | 573.4  | 611.4  | 654.9  | 700.2  |
| 47.5°  | 411.9  | 422.7  | 434.5  | 449.3  | 468.7  | 487.8  | 507.5  | 530.7  | 565.3  | 607.9  | 638.6  |
| 50°    | 387.4  | 396.2  | 408.1  | 422.9  | 440.6  | 460.9  | 478.6  | 503.8  | 536.9  | 570.4  | 597.1  |
| 52.5°  | 362.1  | 370.2  | 383.6  | 399.3  | 415.8  | 433.3  | 452.2  | 473.8  | 503.7  | 535.3  | 556.5  |
| 55°    | 322.7  | 332.6  | 343.9  | 359.2  | 375.5  | 390.3  | 408.6  | 430.8  | 454.5  | 478.2  | 492.5  |
| 57.5°  | 285.9  | 294.1  | 303.7  | 319.4  | 333.6  | 351.3  | 367.6  | 384.9  | 406.8  | 424.7  | 434.0  |
| 60°    | 259.1  | 266.5  | 278.8  | 292.7  | 305.9  | 321.2  | 340.0  | 357.3  | 374.1  | 388.3  | 395.8  |
| 62.5°  | 233.8  | 242.4  | 253.2  | 265.8  | 280.3  | 294.8  | 311.2  | 325.6  | 340.4  | 352.8  | 357.9  |
| 65°    | 200.9  | 207.7  | 215.7  | 227.5  | 239.3  | 254.1  | 266.9  | 281.7  | 292.7  | 299.5  | 304.0  |
| 67.5°  | 170.9  | 175.4  | 181.4  | 189.3  | 201.0  | 213.9  | 226.3  | 237.9  | 246.9  | 251.7  | 255.6  |
| 70°    | 151.5  | 154.5  | 158.9  | 166.8  | 175.7  | 187.0  | 199.8  | 208.2  | 216.1  | 220.1  | 224.0  |
| 72.5°  | 132.1  | 135.9  | 140.0  | 146.3  | 153.5  | 161.7  | 171.1  | 181.4  | 185.8  | 190.5  | 192.8  |
| 75°    | 100.2  | 105.6  | 111.0  | 115.0  | 119.9  | 126.3  | 134.7  | 141.1  | 143.6  | 147.5  | 148.1  |
| 77.5°  | 75.6   | 76.8   | 80.8   | 85.7   | 89.8   | 94.4   | 99.8   | 105.5  | 106.7  | 108.8  | 110.1  |
| 80°    | 62.2   | 62.2   | 62.2   | 65.1   | 70.0   | 73.5   | 78.4   | 81.4   | 83.4   | 83.9   | 84.4   |
| 82.5°  | 50.0   | 50.0   | 49.6   | 50.1   | 51.9   | 53.8   | 58.3   | 61.6   | 63.2   | 63.0   | 61.9   |
| 85°    | 32.6   | 31.6   | 31.6   | 31.1   | 31.6   | 30.6   | 30.1   | 32.0   | 35.1   | 35.1   | 34.0   |
| 87.5°  | 17.1   | 16.6   | 16.5   | 15.7   | 14.9   | 14.0   | 12.5   | 12.5   | 12.3   | 13.5   | 12.8   |
| 90°    | 18.4   | 17.7   | 15.6   | 13.4   | 11.3   | 9.1    | 7.3    | 5.7    | 4.1    | 2.4    | 0.8    |
| 92.5°  | 19.9   | 18.9   | 17.2   | 15.6   | 14.0   | 12.4   | 11.9   | 12.3   | 12.8   | 13.3   | 13.7   |
| 95°    | 24.0   | 22.8   | 21.0   | 19.2   | 17.4   | 15.6   | 18.1   | 24.8   | 31.5   | 38.3   | 45.0   |
| 97.5°  | 25.1   | 23.8   | 35.5   | 47.3   | 59.1   | 70.9   | 78.3   | 81.3   | 84.4   | 87.4   | 90.3   |
| 100°   | 25.6   | 24.3   | 49.9   | 75.4   | 100.9  | 126.5  | 137.6  | 134.3  | 131.1  | 127.8  | 124.5  |
| 102.5° | 44.4   | 48.4   | 76.3   | 104.2  | 132.2  | 160.1  | 172.9  | 170.5  | 168.1  | 165.8  | 163.4  |
| 105°   | 132.4  | 161.4  | 176.1  | 190.9  | 205.6  | 220.4  | 226.8  | 225.0  | 223.2  | 221.4  | 219.6  |
| 107.5° | 274.6  | 295.8  | 293.4  | 291.2  | 288.8  | 286.4  | 284.6  | 283.1  | 281.7  | 280.3  | 278.8  |
| 110°   | 327.0  | 332.3  | 330.5  | 328.8  | 327.0  | 325.1  | 323.6  | 322.3  | 320.9  | 319.6  | 318.3  |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 369.6 | 369.5 | 367.7 | 365.9 | 364.1 | 362.2 | 360.8 | 359.6 | 358.4 | 357.2 | 356.1 |
| 115°   | 424.6 | 423.0 | 421.5 | 420.0 | 418.6 | 417.1 | 415.8 | 414.9 | 413.9 | 412.9 | 411.9 |
| 117.5° | 476.2 | 474.9 | 474.1 | 473.3 | 472.6 | 471.8 | 470.8 | 469.7 | 468.4 | 467.2 | 466.0 |
| 120°   | 509.7 | 508.4 | 507.9 | 507.5 | 507.0 | 506.5 | 505.5 | 504.0 | 502.6 | 501.1 | 499.6 |
| 122.5° | 543.0 | 542.1 | 541.4 | 540.8 | 540.2 | 539.5 | 538.7 | 537.4 | 536.2 | 535.0 | 533.8 |
| 125°   | 589.8 | 589.5 | 588.8 | 588.1 | 587.6 | 586.9 | 585.9 | 584.6 | 583.2 | 581.9 | 580.7 |
| 127.5° | 636.0 | 635.5 | 634.7 | 634.0 | 633.1 | 632.4 | 631.3 | 630.0 | 628.7 | 627.4 | 626.0 |
| 130°   | 663.8 | 663.2 | 662.5 | 661.9 | 661.2 | 660.5 | 659.6 | 658.3 | 657.0 | 655.6 | 654.3 |
| 132.5° | 690.4 | 689.8 | 689.2 | 688.6 | 688.2 | 687.6 | 686.7 | 685.4 | 684.1 | 682.8 | 681.5 |
| 135°   | 730.8 | 730.3 | 729.6 | 729.0 | 728.3 | 727.6 | 726.8 | 725.9 | 724.8 | 723.9 | 722.8 |
| 137.5° | 766.3 | 765.4 | 765.1 | 764.8 | 764.4 | 764.0 | 763.2 | 762.0 | 760.7 | 759.5 | 758.3 |
| 140°   | 789.1 | 788.4 | 788.0 | 787.5 | 787.0 | 786.5 | 785.8 | 784.8 | 783.8 | 782.8 | 781.8 |
| 142.5° | 810.8 | 810.3 | 809.7 | 809.3 | 808.8 | 808.3 | 807.6 | 806.6 | 805.6 | 804.6 | 803.6 |
| 145°   | 841.1 | 840.7 | 840.5 | 840.1 | 839.8 | 839.4 | 838.8 | 837.5 | 836.4 | 835.3 | 834.2 |
| 147.5° | 868.1 | 867.7 | 867.4 | 867.0 | 866.8 | 866.5 | 865.9 | 865.2 | 864.4 | 863.7 | 862.9 |
| 150°   | 884.6 | 884.3 | 883.9 | 883.6 | 883.3 | 883.0 | 882.5 | 882.0 | 881.6 | 881.1 | 880.5 |
| 152.5° | 899.0 | 898.4 | 898.2 | 898.0 | 897.8 | 897.6 | 897.4 | 897.2 | 896.9 | 896.7 | 896.5 |
| 155°   | 919.0 | 918.1 | 917.9 | 917.8 | 917.7 | 917.5 | 917.6 | 917.9 | 918.2 | 918.6 | 918.9 |
| 157.5° | 936.4 | 935.4 | 935.6 | 935.8 | 935.9 | 936.0 | 936.1 | 936.1 | 936.2 | 936.2 | 936.2 |
| 160°   | 946.4 | 945.4 | 945.6 | 945.7 | 945.9 | 946.0 | 946.2 | 946.4 | 946.6 | 946.7 | 946.9 |
| 162.5° | 955.4 | 954.2 | 954.4 | 954.6 | 954.7 | 954.9 | 955.2 | 955.6 | 956.0 | 956.5 | 956.9 |
| 165°   | 967.3 | 966.0 | 966.2 | 966.4 | 966.6 | 966.7 | 967.0 | 967.5 | 968.0 | 968.5 | 969.0 |
| 167.5° | 976.8 | 975.4 | 975.4 | 975.4 | 975.4 | 975.4 | 975.8 | 976.5 | 977.1 | 977.8 | 978.5 |
| 170°   | 982.1 | 980.8 | 980.8 | 980.8 | 980.8 | 980.8 | 981.1 | 981.8 | 982.4 | 983.1 | 983.7 |
| 172.5° | 985.6 | 984.3 | 984.2 | 984.0 | 983.9 | 983.8 | 984.1 | 984.9 | 985.7 | 986.5 | 987.2 |
| 175°   | 990.0 | 988.9 | 988.7 | 988.5 | 988.4 | 988.3 | 988.5 | 989.4 | 990.2 | 991.0 | 991.8 |
| 177.5° | 991.7 | 990.6 | 990.5 | 990.4 | 990.2 | 990.1 | 990.4 | 991.1 | 991.7 | 992.4 | 993.0 |
| 180°   | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1159.0 | 1163.4 | 1168.9 | 1177.2 | 1183.6 | 1189.0 | 1190.2 | 1191.8 | 1195.8 | 1202.5 | 1207.6 |
| 5°     | 1166.6 | 1177.9 | 1196.2 | 1213.9 | 1233.2 | 1249.0 | 1263.8 | 1274.1 | 1284.0 | 1304.8 | 1321.5 |
| 7.5°   | 1164.2 | 1189.5 | 1218.0 | 1250.0 | 1282.2 | 1313.5 | 1342.6 | 1368.5 | 1394.3 | 1424.6 | 1459.0 |
| 10°    | 1162.6 | 1192.2 | 1230.7 | 1271.7 | 1316.5 | 1360.5 | 1403.0 | 1436.0 | 1474.5 | 1509.0 | 1552.9 |
| 12.5°  | 1155.1 | 1197.8 | 1243.8 | 1296.2 | 1351.3 | 1401.9 | 1457.8 | 1503.5 | 1547.6 | 1597.4 | 1648.5 |
| 15°    | 1145.4 | 1197.1 | 1255.4 | 1324.9 | 1408.8 | 1470.1 | 1527.3 | 1606.8 | 1661.0 | 1715.3 | 1788.3 |
| 17.5°  | 1127.5 | 1190.7 | 1263.5 | 1353.9 | 1423.9 | 1506.1 | 1592.2 | 1655.0 | 1728.2 | 1804.6 | 1870.8 |
| 20°    | 1113.2 | 1186.8 | 1268.2 | 1357.1 | 1446.3 | 1535.7 | 1619.1 | 1694.0 | 1769.6 | 1857.9 | 1912.2 |
| 22.5°  | 1099.1 | 1171.8 | 1256.4 | 1350.8 | 1446.7 | 1540.8 | 1635.2 | 1723.3 | 1808.3 | 1897.4 | 1966.7 |
| 25°    | 1068.8 | 1155.2 | 1247.0 | 1343.2 | 1437.9 | 1541.6 | 1654.1 | 1752.3 | 1857.4 | 1949.2 | 2014.9 |
| 27.5°  | 1038.2 | 1117.4 | 1208.8 | 1306.4 | 1411.7 | 1534.2 | 1666.5 | 1778.2 | 1883.5 | 1949.2 | 1969.8 |
| 30°    | 1010.6 | 1094.5 | 1178.4 | 1277.6 | 1391.6 | 1528.2 | 1668.9 | 1796.7 | 1883.1 | 1911.7 | 1890.5 |
| 32.5°  | 982.6  | 1058.6 | 1141.7 | 1243.2 | 1364.3 | 1513.6 | 1672.1 | 1785.6 | 1837.7 | 1815.8 | 1729.4 |
| 35°    | 933.1  | 1001.7 | 1082.1 | 1183.8 | 1323.0 | 1505.6 | 1659.1 | 1736.0 | 1723.2 | 1599.8 | 1437.0 |
| 37.5°  | 880.2  | 936.1  | 1010.6 | 1116.9 | 1280.2 | 1473.5 | 1603.0 | 1614.3 | 1503.3 | 1313.9 | 1125.8 |
| 40°    | 838.4  | 888.7  | 965.3  | 1076.3 | 1247.0 | 1441.9 | 1546.5 | 1500.6 | 1328.4 | 1117.7 | 960.8  |
| 42.5°  | 797.8  | 840.2  | 913.9  | 1033.6 | 1215.4 | 1398.9 | 1462.4 | 1362.4 | 1163.8 | 964.5  | 821.8  |
| 45°    | 728.9  | 768.8  | 842.8  | 965.7  | 1150.8 | 1316.5 | 1308.2 | 1134.4 | 935.7  | 775.2  | 656.8  |
| 47.5°  | 663.5  | 698.4  | 767.9  | 893.3  | 1074.9 | 1193.2 | 1114.7 | 929.9  | 761.2  | 632.5  | 548.1  |
| 50°    | 617.4  | 651.9  | 721.0  | 844.8  | 1014.1 | 1100.4 | 988.4  | 810.3  | 655.8  | 549.2  | 482.1  |
| 52.5°  | 573.2  | 606.9  | 670.1  | 790.7  | 940.7  | 992.3  | 871.9  | 706.8  | 578.1  | 486.1  | 428.4  |
| 55°    | 511.2  | 536.9  | 593.6  | 709.1  | 821.1  | 833.0  | 711.1  | 572.9  | 466.8  | 402.7  | 363.2  |
| 57.5°  | 448.2  | 470.2  | 526.3  | 618.3  | 696.9  | 690.8  | 575.2  | 455.6  | 384.2  | 336.6  | 307.9  |
| 60°    | 407.1  | 428.9  | 478.2  | 557.1  | 616.3  | 595.6  | 489.6  | 393.3  | 332.1  | 297.1  | 274.4  |
| 62.5°  | 368.8  | 385.8  | 432.0  | 489.7  | 532.3  | 508.8  | 418.5  | 338.8  | 290.3  | 260.7  | 242.8  |
| 65°    | 313.4  | 327.2  | 364.2  | 394.3  | 417.9  | 395.3  | 320.3  | 264.9  | 230.0  | 209.2  | 196.9  |
| 67.5°  | 260.6  | 269.5  | 292.8  | 303.7  | 320.4  | 295.5  | 240.8  | 203.8  | 183.9  | 166.4  | 157.8  |
| 70°    | 227.5  | 233.9  | 246.3  | 255.1  | 259.6  | 233.9  | 193.4  | 166.3  | 149.5  | 137.1  | 131.8  |
| 72.5°  | 194.4  | 199.9  | 202.5  | 209.7  | 207.5  | 183.4  | 155.5  | 133.9  | 121.9  | 113.5  | 106.5  |
| 75°    | 148.5  | 151.0  | 148.5  | 145.5  | 139.1  | 122.3  | 103.1  | 92.3   | 83.4   | 79.5   | 77.0   |
| 77.5°  | 108.3  | 107.4  | 104.2  | 99.4   | 88.5   | 77.9   | 67.6   | 64.0   | 60.1   | 58.1   | 57.1   |
| 80°    | 83.4   | 81.4   | 78.4   | 71.1   | 61.6   | 54.3   | 51.8   | 49.4   | 47.9   | 45.4   | 44.9   |
| 82.5°  | 62.1   | 60.9   | 56.0   | 49.8   | 43.2   | 39.7   | 37.6   | 36.8   | 35.3   | 33.9   | 33.8   |
| 85°    | 33.1   | 31.6   | 26.1   | 22.7   | 21.7   | 20.7   | 20.3   | 20.3   | 18.3   | 17.7   | 17.7   |
| 87.5°  | 11.1   | 9.0    | 9.0    | 8.2    | 8.6    | 8.2    | 9.0    | 8.7    | 8.7    | 9.2    | 8.6    |
| 90°    | 2.4    | 4.1    | 5.7    | 7.3    | 9.1    | 11.3   | 13.4   | 15.6   | 17.7   | 18.4   | 19.0   |
| 92.5°  | 13.3   | 12.8   | 12.3   | 11.9   | 12.4   | 14.0   | 15.6   | 17.2   | 18.9   | 19.9   | 20.9   |
| 95°    | 38.3   | 31.5   | 24.8   | 18.1   | 15.6   | 17.4   | 19.2   | 21.0   | 22.8   | 24.0   | 25.2   |
| 97.5°  | 87.4   | 84.4   | 81.3   | 78.3   | 70.9   | 59.1   | 47.3   | 35.5   | 23.8   | 25.1   | 26.4   |
| 100°   | 127.8  | 131.1  | 134.3  | 137.6  | 126.5  | 100.9  | 75.4   | 49.9   | 24.3   | 25.6   | 27.0   |
| 102.5° | 165.8  | 168.1  | 170.5  | 172.9  | 160.1  | 132.2  | 104.2  | 76.3   | 48.4   | 44.4   | 40.3   |
| 105°   | 221.4  | 223.2  | 225.0  | 226.8  | 220.4  | 205.6  | 190.9  | 176.1  | 161.4  | 132.4  | 103.4  |
| 107.5° | 280.3  | 281.7  | 283.1  | 284.6  | 286.4  | 288.8  | 291.2  | 293.4  | 295.8  | 274.6  | 253.3  |
| 110°   | 319.6  | 320.9  | 322.3  | 323.6  | 325.1  | 327.0  | 328.8  | 330.5  | 332.3  | 327.0  | 321.5  |





TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 357.2 | 358.4 | 359.6 | 360.8 | 362.2 | 364.1 | 365.9 | 367.7 | 369.5 | 369.6 | 369.7 |
| 115°   | 412.9 | 413.9 | 414.9 | 415.8 | 417.1 | 418.6 | 420.0 | 421.5 | 423.0 | 424.6 | 426.2 |
| 117.5° | 467.2 | 468.4 | 469.7 | 470.8 | 471.8 | 472.6 | 473.3 | 474.1 | 474.9 | 476.2 | 477.5 |
| 120°   | 501.1 | 502.6 | 504.0 | 505.5 | 506.5 | 507.0 | 507.5 | 507.9 | 508.4 | 509.7 | 511.0 |
| 122.5° | 535.0 | 536.2 | 537.4 | 538.7 | 539.5 | 540.2 | 540.8 | 541.4 | 542.1 | 543.0 | 543.8 |
| 125°   | 581.9 | 583.2 | 584.6 | 585.9 | 586.9 | 587.6 | 588.1 | 588.8 | 589.5 | 589.8 | 590.1 |
| 127.5° | 627.4 | 628.7 | 630.0 | 631.3 | 632.4 | 633.1 | 634.0 | 634.7 | 635.5 | 636.0 | 636.5 |
| 130°   | 655.6 | 657.0 | 658.3 | 659.6 | 660.5 | 661.2 | 661.9 | 662.5 | 663.2 | 663.8 | 664.5 |
| 132.5° | 682.8 | 684.1 | 685.4 | 686.7 | 687.6 | 688.2 | 688.6 | 689.2 | 689.8 | 690.4 | 691.0 |
| 135°   | 723.9 | 724.8 | 725.9 | 726.8 | 727.6 | 728.3 | 729.0 | 729.6 | 730.3 | 730.8 | 731.2 |
| 137.5° | 759.5 | 760.7 | 762.0 | 763.2 | 764.0 | 764.4 | 764.8 | 765.1 | 765.4 | 766.3 | 767.0 |
| 140°   | 782.8 | 783.8 | 784.8 | 785.8 | 786.5 | 787.0 | 787.5 | 788.0 | 788.4 | 789.1 | 789.8 |
| 142.5° | 804.6 | 805.6 | 806.6 | 807.6 | 808.3 | 808.8 | 809.3 | 809.7 | 810.3 | 810.8 | 811.3 |
| 145°   | 835.3 | 836.4 | 837.5 | 838.8 | 839.4 | 839.8 | 840.1 | 840.5 | 840.7 | 841.1 | 841.4 |
| 147.5° | 863.7 | 864.4 | 865.2 | 865.9 | 866.5 | 866.8 | 867.0 | 867.4 | 867.7 | 868.1 | 868.4 |
| 150°   | 881.1 | 881.6 | 882.0 | 882.5 | 883.0 | 883.3 | 883.6 | 883.9 | 884.3 | 884.6 | 884.9 |
| 152.5° | 896.7 | 896.9 | 897.2 | 897.4 | 897.6 | 897.8 | 898.0 | 898.2 | 898.4 | 899.0 | 899.6 |
| 155°   | 918.6 | 918.2 | 917.9 | 917.6 | 917.5 | 917.7 | 917.8 | 917.9 | 918.1 | 919.0 | 919.8 |
| 157.5° | 936.2 | 936.2 | 936.1 | 936.1 | 936.0 | 935.9 | 935.8 | 935.6 | 935.4 | 936.4 | 937.4 |
| 160°   | 946.7 | 946.6 | 946.4 | 946.2 | 946.0 | 945.9 | 945.7 | 945.6 | 945.4 | 946.4 | 947.3 |
| 162.5° | 956.5 | 956.0 | 955.6 | 955.2 | 954.9 | 954.7 | 954.6 | 954.4 | 954.2 | 955.4 | 956.5 |
| 165°   | 968.5 | 968.0 | 967.5 | 967.0 | 966.7 | 966.6 | 966.4 | 966.2 | 966.0 | 967.3 | 968.7 |
| 167.5° | 977.8 | 977.1 | 976.5 | 975.8 | 975.4 | 975.4 | 975.4 | 975.4 | 975.4 | 976.8 | 978.1 |
| 170°   | 983.1 | 982.4 | 981.8 | 981.1 | 980.8 | 980.8 | 980.8 | 980.8 | 980.8 | 982.1 | 983.4 |
| 172.5° | 986.5 | 985.7 | 984.9 | 984.1 | 983.8 | 983.9 | 984.0 | 984.2 | 984.3 | 985.6 | 986.9 |
| 175°   | 991.0 | 990.2 | 989.4 | 988.5 | 988.3 | 988.4 | 988.5 | 988.7 | 988.9 | 990.0 | 991.2 |
| 177.5° | 992.4 | 991.7 | 991.1 | 990.4 | 990.1 | 990.2 | 990.4 | 990.5 | 990.6 | 991.7 | 992.8 |
| 180°   | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1215.9 | 1215.9 | 1217.5 | 1223.4 | 1224.2 | 1229.4 | 1227.8 |
| 5°     | 1336.3 | 1345.7 | 1349.2 | 1364.0 | 1372.8 | 1376.8 | 1368.9 |
| 7.5°   | 1483.6 | 1510.0 | 1522.6 | 1538.0 | 1551.8 | 1555.9 | 1545.1 |
| 10°    | 1590.9 | 1618.5 | 1641.8 | 1656.0 | 1669.4 | 1678.3 | 1689.6 |
| 12.5°  | 1694.8 | 1728.7 | 1750.8 | 1770.9 | 1784.7 | 1795.9 | 1797.8 |
| 15°    | 1807.6 | 1858.9 | 1897.9 | 1926.5 | 1940.8 | 1948.2 | 1945.2 |
| 17.5°  | 1921.4 | 1969.0 | 1996.7 | 2025.9 | 2045.7 | 2046.7 | 2047.3 |
| 20°    | 1985.7 | 2032.1 | 2064.2 | 2085.8 | 2108.1 | 2107.1 | 2112.0 |
| 22.5°  | 2028.7 | 2065.3 | 2089.8 | 2105.6 | 2113.3 | 2109.5 | 2110.4 |
| 25°    | 2048.9 | 2059.7 | 2055.3 | 2030.1 | 2023.7 | 2000.5 | 2004.5 |
| 27.5°  | 1945.0 | 1893.8 | 1840.6 | 1772.4 | 1718.4 | 1675.5 | 1677.6 |
| 30°    | 1804.1 | 1713.4 | 1609.7 | 1522.9 | 1444.9 | 1423.1 | 1376.8 |
| 32.5°  | 1607.1 | 1470.9 | 1349.5 | 1268.6 | 1201.6 | 1183.6 | 1143.1 |
| 35°    | 1273.2 | 1140.9 | 1016.1 | 941.0  | 911.4  | 870.0  | 869.5  |
| 37.5°  | 989.6  | 873.2  | 807.1  | 750.8  | 721.3  | 696.3  | 693.8  |
| 40°    | 832.5  | 741.7  | 691.8  | 651.4  | 622.3  | 603.5  | 599.1  |
| 42.5°  | 722.7  | 649.3  | 602.7  | 577.6  | 555.2  | 545.4  | 538.3  |
| 45°    | 590.2  | 540.8  | 508.3  | 485.6  | 475.2  | 467.8  | 463.8  |
| 47.5°  | 493.7  | 460.6  | 438.4  | 423.3  | 414.9  | 407.1  | 409.2  |
| 50°    | 441.2  | 414.1  | 397.8  | 383.4  | 377.0  | 371.6  | 372.1  |
| 52.5°  | 398.9  | 374.6  | 361.4  | 351.1  | 343.1  | 339.2  | 337.3  |
| 55°    | 338.6  | 323.2  | 309.9  | 302.5  | 298.0  | 292.7  | 291.2  |
| 57.5°  | 288.8  | 276.9  | 266.1  | 257.7  | 256.6  | 251.4  | 252.0  |
| 60°    | 255.6  | 245.7  | 236.9  | 232.4  | 228.9  | 224.5  | 226.0  |
| 62.5°  | 228.4  | 220.1  | 212.0  | 208.3  | 204.9  | 201.6  | 202.4  |
| 65°    | 187.0  | 179.1  | 174.2  | 172.2  | 170.7  | 169.3  | 167.8  |
| 67.5°  | 149.0  | 144.2  | 141.1  | 136.9  | 133.8  | 133.4  | 131.9  |
| 70°    | 125.4  | 118.9  | 113.5  | 108.1  | 106.6  | 106.1  | 106.6  |
| 72.5°  | 100.5  | 96.4   | 94.9   | 92.3   | 92.0   | 90.7   | 91.6   |
| 75°    | 75.5   | 74.0   | 73.0   | 71.1   | 71.1   | 71.1   | 71.1   |
| 77.5°  | 55.7   | 54.8   | 54.2   | 53.8   | 53.3   | 52.6   | 52.5   |
| 80°    | 43.5   | 42.9   | 41.9   | 41.9   | 41.5   | 41.9   | 41.5   |
| 82.5°  | 32.8   | 32.7   | 31.7   | 31.7   | 31.2   | 30.9   | 31.2   |
| 85°    | 16.8   | 16.3   | 17.2   | 16.3   | 16.8   | 15.8   | 16.8   |
| 87.5°  | 8.7    | 8.8    | 8.5    | 8.6    | 8.2    | 9.0    | 8.4    |
| 90°    | 19.6   | 20.3   | 20.8   | 21.1   | 21.5   | 21.8   | 22.1   |
| 92.5°  | 22.0   | 23.1   | 23.7   | 23.8   | 24.0   | 24.2   | 24.5   |
| 95°    | 26.3   | 27.4   | 28.0   | 28.0   | 28.0   | 28.0   | 28.0   |
| 97.5°  | 27.6   | 28.9   | 29.7   | 29.9   | 30.1   | 30.2   | 30.3   |
| 100°   | 28.3   | 29.6   | 30.3   | 30.4   | 30.6   | 30.8   | 30.9   |
| 102.5° | 36.3   | 32.2   | 30.3   | 30.6   | 30.9   | 31.2   | 31.6   |
| 105°   | 74.5   | 45.4   | 31.1   | 31.5   | 31.8   | 32.1   | 32.4   |
| 107.5° | 232.1  | 210.8  | 189.2  | 167.4  | 145.5  | 123.7  | 101.8  |
| 110°   | 316.1  | 310.8  | 296.3  | 272.9  | 249.5  | 226.0  | 202.6  |



TEST NUMBER: P332312-830

CATALOG NUMBER: S123RDIP-S775D805U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 369.8 | 369.9 | 367.4 | 362.5 | 357.5 | 352.6 | 347.7 |
| 115°   | 427.9 | 429.5 | 430.6 | 431.3 | 432.0 | 432.6 | 433.3 |
| 117.5° | 478.8 | 480.0 | 480.8 | 481.0 | 481.1 | 481.2 | 481.4 |
| 120°   | 512.4 | 513.7 | 514.3 | 514.3 | 514.3 | 514.3 | 514.3 |
| 122.5° | 544.8 | 545.7 | 546.2 | 546.4 | 546.5 | 546.7 | 546.8 |
| 125°   | 590.5 | 590.8 | 591.2 | 591.4 | 591.8 | 592.1 | 592.5 |
| 127.5° | 637.1 | 637.5 | 637.6 | 637.3 | 637.1 | 636.7 | 636.4 |
| 130°   | 665.2 | 665.8 | 666.0 | 665.6 | 665.3 | 665.0 | 664.7 |
| 132.5° | 691.6 | 692.3 | 692.4 | 692.0 | 691.5 | 691.1 | 690.6 |
| 135°   | 731.7 | 732.2 | 732.2 | 731.7 | 731.2 | 730.8 | 730.3 |
| 137.5° | 767.8 | 768.6 | 768.8 | 768.5 | 768.2 | 767.9 | 767.5 |
| 140°   | 790.4 | 791.1 | 791.3 | 790.9 | 790.6 | 790.2 | 789.9 |
| 142.5° | 811.8 | 812.4 | 812.4 | 811.9 | 811.4 | 811.1 | 810.6 |
| 145°   | 841.8 | 842.1 | 842.3 | 842.3 | 842.3 | 842.3 | 842.3 |
| 147.5° | 868.7 | 869.0 | 868.8 | 868.1 | 867.3 | 866.6 | 865.8 |
| 150°   | 885.2 | 885.5 | 885.5 | 885.0 | 884.5 | 884.0 | 883.5 |
| 152.5° | 900.1 | 900.8 | 900.7 | 899.9 | 899.2 | 898.4 | 897.7 |
| 155°   | 920.6 | 921.4 | 921.3 | 920.4 | 919.4 | 918.4 | 917.4 |
| 157.5° | 938.3 | 939.3 | 939.1 | 937.9 | 936.6 | 935.4 | 934.1 |
| 160°   | 948.4 | 949.3 | 949.2 | 948.1 | 947.0 | 945.8 | 944.7 |
| 162.5° | 957.6 | 958.7 | 958.8 | 957.7 | 956.7 | 955.7 | 954.7 |
| 165°   | 970.0 | 971.3 | 971.4 | 970.3 | 969.0 | 967.9 | 966.8 |
| 167.5° | 979.4 | 980.7 | 980.7 | 979.4 | 978.1 | 976.8 | 975.4 |
| 170°   | 984.7 | 986.0 | 986.0 | 984.7 | 983.4 | 982.1 | 980.8 |
| 172.5° | 988.3 | 989.6 | 989.5 | 988.1 | 986.7 | 985.1 | 983.7 |
| 175°   | 992.3 | 993.4 | 993.3 | 992.1 | 990.8 | 989.5 | 988.2 |
| 177.5° | 993.8 | 994.9 | 994.8 | 993.4 | 992.1 | 990.8 | 989.5 |
| 180°   | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 | 991.8 |

(END OF REPORT)