

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: P332320

Luminaire Tested: **S123RDIP-S775D1025U835-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332320  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-17,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-S775D1025U835-4F0-1E-UDD-A4  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 775 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1025 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6758.8 lumens  
Efficiency: N/A  
Efficacy: 130.0 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

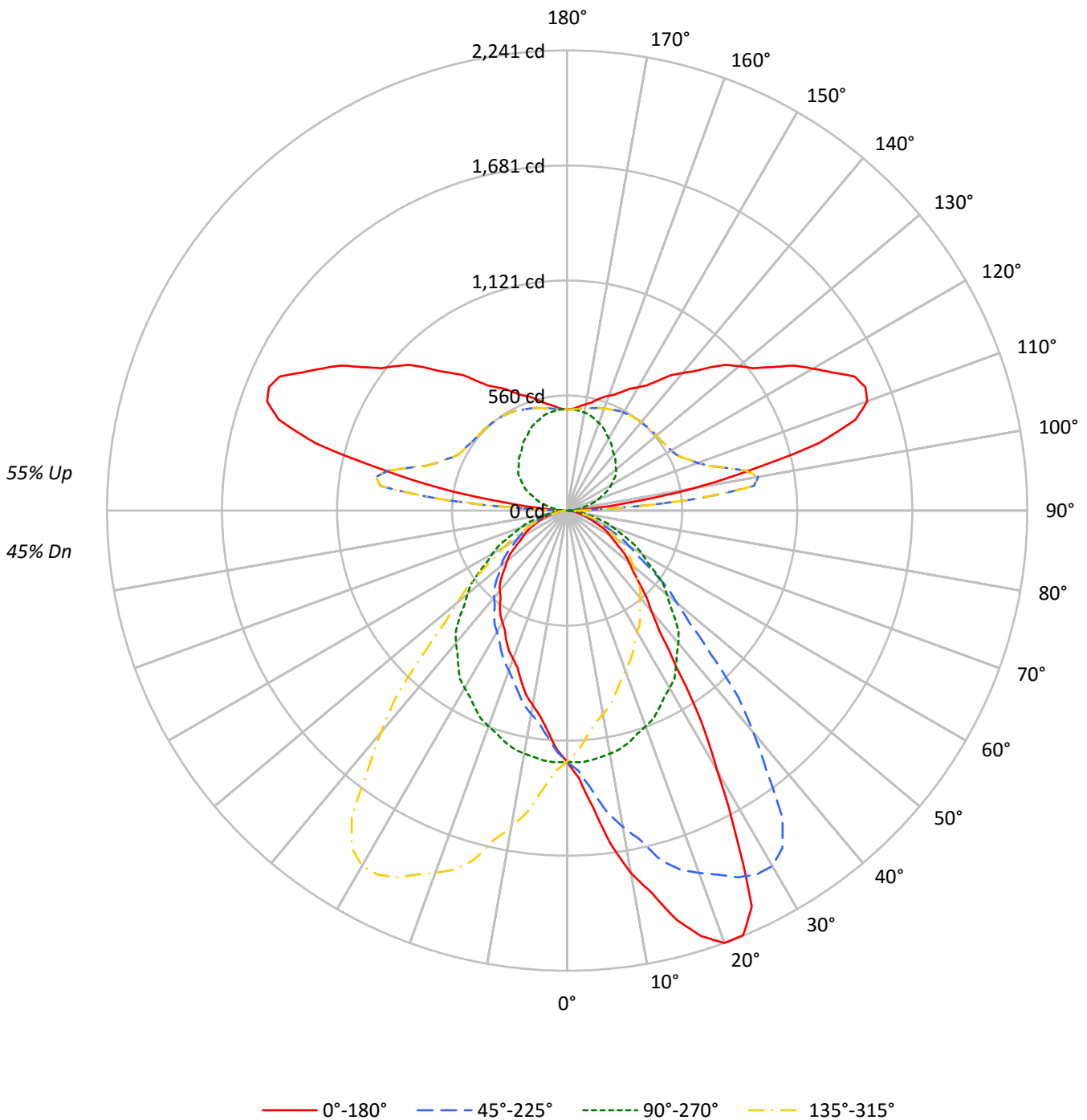
Input Watts (W): 52  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332320

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### Luminous Intensity Polar Plot





TEST NUMBER: P332320

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| RF  | 20  |     |     |     |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |   |
| RC  | 80  |     |     |     |    | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 10 | 0 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |   |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| 0   | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 81 | 81 | 81 | 66 | 66 | 66 | 52 | 52 | 52 | 45 |    |    |    |   |
| 1   | 97  | 93  | 89  | 86  | 89 | 86 | 82 | 80 | 71 | 69 | 67 | 58 | 57 | 56 | 46 | 45 | 45 | 39 |    |    |    |   |
| 2   | 89  | 82  | 76  | 71  | 81 | 75 | 70 | 66 | 63 | 60 | 56 | 52 | 49 | 47 | 41 | 40 | 38 | 34 |    |    |    |   |
| 3   | 81  | 72  | 65  | 60  | 74 | 67 | 61 | 56 | 56 | 52 | 48 | 46 | 43 | 41 | 37 | 35 | 33 | 29 |    |    |    |   |
| 4   | 75  | 64  | 57  | 51  | 68 | 59 | 53 | 48 | 50 | 45 | 41 | 42 | 38 | 35 | 34 | 31 | 29 | 25 |    |    |    |   |
| 5   | 69  | 58  | 50  | 44  | 63 | 53 | 46 | 41 | 45 | 40 | 36 | 38 | 34 | 31 | 30 | 28 | 26 | 22 |    |    |    |   |
| 6   | 63  | 52  | 44  | 38  | 58 | 48 | 41 | 36 | 41 | 36 | 32 | 34 | 30 | 27 | 28 | 25 | 23 | 20 |    |    |    |   |
| 7   | 59  | 47  | 39  | 34  | 54 | 44 | 37 | 32 | 37 | 32 | 28 | 31 | 27 | 24 | 26 | 23 | 20 | 18 |    |    |    |   |
| 8   | 55  | 43  | 35  | 30  | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 18 | 16 |    |    |    |   |
| 9   | 51  | 39  | 32  | 27  | 47 | 36 | 30 | 25 | 31 | 26 | 22 | 26 | 22 | 20 | 22 | 19 | 17 | 15 |    |    |    |   |
| 10  | 47  | 36  | 29  | 24  | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 24 | 20 | 18 | 20 | 17 | 15 | 13 |    |    |    |   |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13164 | 13164 | 13164 | 13164 |
| 5°  | 15692 | 13220 | 11642 | 13220 |
| 10° | 19593 | 13144 | 10518 | 13144 |
| 15° | 22998 | 13010 | 9591  | 13010 |
| 20° | 25668 | 12810 | 8804  | 12810 |
| 25° | 25258 | 12598 | 8320  | 12598 |
| 30° | 18155 | 12403 | 7822  | 12403 |
| 35° | 12122 | 12150 | 7499  | 12150 |
| 40° | 8931  | 11844 | 7165  | 11844 |
| 45° | 7491  | 11309 | 6838  | 11309 |
| 50° | 6611  | 10608 | 6382  | 10608 |
| 55° | 5797  | 9805  | 5758  | 9805  |
| 60° | 5162  | 9040  | 5274  | 9040  |
| 65° | 4534  | 8214  | 4908  | 8214  |
| 70° | 3559  | 7481  | 4482  | 7481  |
| 75° | 3136  | 6534  | 4092  | 6534  |
| 80° | 2727  | 5548  | 4023  | 5548  |
| 85° | 2198  | 4458  | 4273  | 4458  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 120.3  | 1.8       |
| 10°-20°   | 375.7  | 5.6       |
| 20°-30°   | 590.3  | 8.7       |
| 30°-40°   | 615.9  | 9.1       |
| 40°-50°   | 527.1  | 7.8       |
| 50°-60°   | 401.7  | 5.9       |
| 60°-70°   | 257.5  | 3.8       |
| 70°-80°   | 123.9  | 1.8       |
| 80°-90°   | 36.6   | 0.5       |
| 90°-100°  | 274.4  | 4.1       |
| 100°-110° | 777.0  | 11.5      |
| 110°-120° | 764.4  | 11.3      |
| 120°-130° | 609.7  | 9.0       |
| 130°-140° | 480.7  | 7.1       |
| 140°-150° | 358.8  | 5.3       |
| 150°-160° | 250.1  | 3.7       |
| 160°-170° | 146.9  | 2.2       |
| 170°-180° | 47.8   | 0.7       |
| 0°-30°    | 1086.3 | 16.1      |
| 0°-40°    | 1702.2 | 25.2      |
| 0°-60°    | 2631.0 | 38.9      |
| 0°-90°    | 3048.9 | 45.1      |
| 90°-120°  | 1815.8 | 26.9      |
| 90°-150°  | 3265.1 | 48.3      |
| 90°-180°  | 3710.0 | 54.9      |
| 0°-180°   | 6758.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1223 | 1223 | 1223 | 1223 | 1223 |      |
| 5°   | 1452 | 1224 | 1078 | 1224 | 1452 | 150  |
| 15°  | 2064 | 1168 | 861  | 1168 | 2064 | 585  |
| 25°  | 2127 | 1061 | 700  | 1061 | 2127 | 914  |
| 35°  | 922  | 925  | 571  | 925  | 922  | 605  |
| 45°  | 492  | 743  | 449  | 743  | 492  | 387  |
| 55°  | 309  | 522  | 307  | 522  | 309  | 279  |
| 65°  | 178  | 322  | 193  | 322  | 178  | 175  |
| 75°  | 75   | 157  | 98   | 157  | 75   | 81   |
| 85°  | 18   | 36   | 35   | 36   | 18   | 21   |
| 90°  | 29   | 2    | 29   | 2    | 29   | 16   |
| 95°  | 116  | 34   | 116  | 34   | 116  | 209  |
| 105° | 1270 | 116  | 1270 | 116  | 1270 | 1253 |
| 115° | 1544 | 205  | 1544 | 205  | 1544 | 1500 |
| 125° | 1218 | 284  | 1218 | 284  | 1218 | 1104 |
| 135° | 987  | 333  | 987  | 333  | 987  | 766  |
| 145° | 772  | 380  | 772  | 380  | 772  | 491  |
| 155° | 640  | 432  | 640  | 432  | 640  | 298  |
| 165° | 558  | 472  | 558  | 472  | 558  | 159  |
| 175° | 502  | 492  | 502  | 492  | 502  | 49   |
| 180° | 493  | 493  | 493  | 493  | 493  |      |



TEST NUMBER: P332320

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 |
| 2.5°   | 1302.6 | 1304.3 | 1298.8 | 1298.0 | 1291.7 | 1290.0 | 1290.0 | 1281.2 | 1275.8 | 1268.7 | 1264.5 |
| 5°     | 1452.3 | 1460.7 | 1456.5 | 1447.1 | 1431.4 | 1427.7 | 1417.8 | 1402.1 | 1384.3 | 1362.3 | 1351.8 |
| 7.5°   | 1639.3 | 1650.8 | 1646.4 | 1631.8 | 1615.4 | 1602.1 | 1574.0 | 1547.9 | 1511.4 | 1479.3 | 1451.9 |
| 10°    | 1792.6 | 1780.6 | 1771.2 | 1757.0 | 1741.9 | 1717.2 | 1687.9 | 1647.6 | 1601.0 | 1564.4 | 1523.5 |
| 12.5°  | 1907.4 | 1905.4 | 1893.5 | 1878.9 | 1857.5 | 1834.1 | 1798.1 | 1749.0 | 1694.8 | 1641.9 | 1595.2 |
| 15°    | 2063.8 | 2067.0 | 2059.1 | 2043.9 | 2013.6 | 1972.2 | 1917.8 | 1897.3 | 1819.9 | 1762.3 | 1704.7 |
| 17.5°  | 2172.1 | 2171.5 | 2170.4 | 2149.4 | 2118.4 | 2089.0 | 2038.5 | 1984.8 | 1914.6 | 1833.5 | 1755.9 |
| 20°    | 2240.8 | 2235.6 | 2236.6 | 2213.0 | 2190.0 | 2156.0 | 2106.8 | 2028.8 | 1971.2 | 1877.5 | 1797.3 |
| 22.5°  | 2239.1 | 2238.1 | 2242.1 | 2234.0 | 2217.2 | 2191.2 | 2152.4 | 2086.6 | 2013.1 | 1918.5 | 1828.3 |
| 25°    | 2126.7 | 2122.5 | 2147.1 | 2153.9 | 2180.6 | 2185.3 | 2173.8 | 2137.7 | 2068.0 | 1970.6 | 1859.1 |
| 27.5°  | 1779.9 | 1777.6 | 1823.2 | 1880.4 | 1952.8 | 2009.2 | 2063.6 | 2089.9 | 2068.0 | 1998.3 | 1886.6 |
| 30°    | 1460.7 | 1509.9 | 1533.0 | 1615.7 | 1707.8 | 1817.8 | 1914.1 | 2005.7 | 2028.2 | 1997.9 | 1906.2 |
| 32.5°  | 1212.8 | 1255.7 | 1274.9 | 1345.9 | 1431.8 | 1560.6 | 1705.1 | 1834.8 | 1926.5 | 1949.7 | 1894.5 |
| 35°    | 922.5  | 923.0  | 967.0  | 998.4  | 1078.0 | 1210.4 | 1350.8 | 1524.6 | 1697.3 | 1828.2 | 1841.8 |
| 37.5°  | 736.1  | 738.7  | 765.3  | 796.6  | 856.3  | 926.4  | 1049.9 | 1194.4 | 1394.0 | 1594.9 | 1712.7 |
| 40°    | 635.6  | 640.3  | 660.2  | 691.1  | 734.0  | 786.9  | 883.2  | 1019.4 | 1185.8 | 1409.4 | 1592.1 |
| 42.5°  | 571.1  | 578.7  | 589.0  | 612.8  | 639.4  | 688.9  | 766.8  | 871.9  | 1023.3 | 1234.7 | 1445.5 |
| 45°    | 492.1  | 496.3  | 504.2  | 515.2  | 539.3  | 573.8  | 626.2  | 696.8  | 822.5  | 992.7  | 1203.6 |
| 47.5°  | 434.1  | 431.9  | 440.2  | 449.1  | 465.1  | 488.7  | 523.8  | 581.5  | 671.1  | 807.6  | 986.6  |
| 50°    | 394.8  | 394.2  | 400.0  | 406.8  | 422.0  | 439.3  | 468.1  | 511.5  | 582.7  | 695.8  | 859.7  |
| 52.5°  | 357.9  | 359.9  | 364.0  | 372.5  | 383.4  | 397.4  | 423.2  | 454.5  | 515.7  | 613.3  | 749.9  |
| 55°    | 308.9  | 310.5  | 316.2  | 320.9  | 328.8  | 342.9  | 359.2  | 385.3  | 427.2  | 495.3  | 607.8  |
| 57.5°  | 267.4  | 266.7  | 272.2  | 273.4  | 282.3  | 293.8  | 306.4  | 326.7  | 357.1  | 407.6  | 483.4  |
| 60°    | 239.8  | 238.2  | 242.9  | 246.6  | 251.3  | 260.7  | 271.2  | 291.1  | 315.2  | 352.3  | 417.3  |
| 62.5°  | 214.7  | 213.9  | 217.4  | 221.0  | 224.9  | 233.5  | 242.3  | 257.6  | 276.6  | 308.0  | 359.5  |
| 65°    | 178.0  | 179.6  | 181.1  | 182.7  | 184.8  | 190.0  | 198.4  | 208.9  | 222.0  | 244.0  | 281.1  |
| 67.5°  | 139.9  | 141.5  | 142.0  | 145.2  | 149.7  | 153.0  | 158.1  | 167.4  | 176.5  | 195.1  | 216.2  |
| 70°    | 113.1  | 112.6  | 113.1  | 114.7  | 120.4  | 126.2  | 133.0  | 139.8  | 145.5  | 158.6  | 176.4  |
| 72.5°  | 97.2   | 96.2   | 97.6   | 97.9   | 100.7  | 102.3  | 106.6  | 113.0  | 120.4  | 129.3  | 142.1  |
| 75°    | 75.4   | 75.4   | 75.4   | 75.4   | 77.5   | 78.5   | 80.1   | 81.7   | 84.3   | 88.5   | 97.9   |
| 77.5°  | 55.7   | 55.8   | 56.5   | 57.1   | 57.5   | 58.1   | 59.1   | 60.6   | 61.6   | 63.8   | 67.9   |
| 80°    | 44.0   | 44.5   | 44.0   | 44.5   | 44.5   | 45.5   | 46.1   | 47.6   | 48.2   | 50.8   | 52.4   |
| 82.5°  | 33.1   | 32.8   | 33.1   | 33.6   | 33.6   | 34.7   | 34.8   | 35.9   | 36.0   | 37.4   | 39.0   |
| 85°    | 17.8   | 16.8   | 17.8   | 17.3   | 18.3   | 17.3   | 17.8   | 18.8   | 18.8   | 19.4   | 21.5   |
| 87.5°  | 10.0   | 11.0   | 10.0   | 10.2   | 10.4   | 10.4   | 10.2   | 10.0   | 10.7   | 10.4   | 10.3   |
| 90°    | 28.9   | 29.9   | 28.9   | 27.9   | 28.9   | 27.0   | 26.0   | 25.0   | 24.0   | 25.0   | 22.0   |
| 92.5°  | 48.1   | 49.9   | 48.9   | 51.9   | 53.7   | 58.9   | 66.7   | 84.0   | 115.8  | 153.5  | 168.9  |
| 95°    | 115.8  | 119.8  | 126.8  | 135.8  | 154.7  | 190.7  | 243.6  | 359.3  | 480.1  | 591.9  | 527.0  |
| 97.5°  | 315.2  | 323.8  | 350.8  | 395.7  | 469.3  | 588.7  | 717.5  | 895.8  | 981.4  | 917.3  | 671.6  |
| 100°   | 625.9  | 624.9  | 663.8  | 736.7  | 837.5  | 979.2  | 1096.0 | 1176.9 | 1141.9 | 945.3  | 638.8  |
| 102.5° | 918.1  | 941.1  | 973.6  | 1031.3 | 1109.8 | 1199.6 | 1267.7 | 1270.3 | 1149.9 | 893.4  | 590.9  |
| 105°   | 1269.7 | 1274.7 | 1306.6 | 1344.5 | 1390.5 | 1416.4 | 1397.5 | 1297.6 | 1089.0 | 802.5  | 532.0  |
| 107.5° | 1472.1 | 1481.3 | 1492.1 | 1504.9 | 1504.1 | 1468.5 | 1381.1 | 1219.0 | 982.4  | 722.3  | 494.5  |
| 110°   | 1555.2 | 1557.2 | 1559.2 | 1551.2 | 1523.2 | 1453.3 | 1327.6 | 1143.9 | 915.3  | 676.8  | 480.1  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1571.9 | 1571.5 | 1563.9 | 1539.2 | 1488.1 | 1398.2 | 1257.3 | 1069.6 | 857.0 | 646.4 | 472.1 |
| 115°   | 1544.2 | 1539.2 | 1519.2 | 1475.3 | 1400.4 | 1291.6 | 1144.9 | 971.2  | 786.6 | 613.9 | 469.1 |
| 117.5° | 1455.9 | 1449.2 | 1420.4 | 1370.1 | 1292.0 | 1181.6 | 1049.9 | 900.0  | 744.0 | 594.7 | 470.9 |
| 120°   | 1382.5 | 1376.5 | 1352.5 | 1296.6 | 1217.8 | 1117.0 | 997.2  | 862.4  | 721.7 | 585.9 | 474.1 |
| 122.5° | 1313.8 | 1306.2 | 1279.9 | 1229.6 | 1159.5 | 1065.9 | 954.9  | 832.9  | 703.3 | 580.3 | 479.7 |
| 125°   | 1217.8 | 1210.8 | 1185.8 | 1141.9 | 1078.0 | 998.2  | 902.4  | 793.6  | 679.8 | 573.0 | 488.1 |
| 127.5° | 1138.7 | 1132.3 | 1109.8 | 1072.2 | 1015.3 | 942.7  | 856.2  | 759.2  | 659.0 | 569.4 | 497.7 |
| 130°   | 1094.0 | 1086.0 | 1065.1 | 1029.1 | 976.2  | 908.3  | 827.5  | 737.7  | 647.8 | 567.0 | 504.1 |
| 132.5° | 1050.1 | 1044.5 | 1025.9 | 990.0  | 940.3  | 875.6  | 800.3  | 717.7  | 637.4 | 566.2 | 508.9 |
| 135°   | 987.2  | 980.2  | 962.2  | 932.3  | 883.4  | 826.5  | 761.6  | 690.7  | 623.9 | 565.0 | 516.1 |
| 137.5° | 920.7  | 916.1  | 901.0  | 870.6  | 829.5  | 780.2  | 724.3  | 666.2  | 612.1 | 562.8 | 520.8 |
| 140°   | 874.4  | 875.4  | 859.4  | 831.5  | 793.6  | 750.6  | 702.7  | 651.8  | 604.9 | 562.0 | 524.0 |
| 142.5° | 831.3  | 832.3  | 817.9  | 793.2  | 760.8  | 723.5  | 682.0  | 638.2  | 598.5 | 560.4 | 526.4 |
| 145°   | 771.6  | 769.6  | 761.6  | 740.6  | 715.7  | 686.7  | 654.8  | 621.9  | 589.9 | 558.0 | 528.0 |
| 147.5° | 722.5  | 721.7  | 714.1  | 699.9  | 681.0  | 660.4  | 634.6  | 608.5  | 581.5 | 554.2 | 528.0 |
| 150°   | 693.7  | 693.7  | 687.7  | 676.8  | 661.8  | 642.8  | 621.9  | 598.9  | 575.9 | 551.0 | 528.0 |
| 152.5° | 669.8  | 669.8  | 666.2  | 656.0  | 644.2  | 628.5  | 609.9  | 590.1  | 569.6 | 547.0 | 525.6 |
| 155°   | 639.8  | 638.8  | 636.8  | 628.9  | 619.9  | 607.9  | 592.9  | 576.9  | 560.0 | 540.0 | 523.0 |
| 157.5° | 612.5  | 612.7  | 611.1  | 605.1  | 597.3  | 587.9  | 576.3  | 563.0  | 549.2 | 533.8 | 519.7 |
| 160°   | 594.9  | 595.9  | 595.9  | 589.9  | 582.9  | 575.9  | 566.0  | 555.0  | 542.0 | 529.0 | 518.1 |
| 162.5° | 578.9  | 579.9  | 579.9  | 574.8  | 570.2  | 564.0  | 554.8  | 545.4  | 534.8 | 524.2 | 514.9 |
| 165°   | 558.0  | 558.0  | 559.0  | 555.0  | 551.0  | 546.0  | 539.0  | 533.0  | 525.0 | 517.1 | 510.1 |
| 167.5° | 538.0  | 538.0  | 539.0  | 536.2  | 534.4  | 530.8  | 526.8  | 522.2  | 515.7 | 509.9 | 505.3 |
| 170°   | 526.0  | 526.0  | 527.0  | 525.0  | 524.0  | 522.0  | 518.1  | 515.1  | 510.1 | 505.1 | 502.1 |
| 172.5° | 514.9  | 515.7  | 517.5  | 515.5  | 515.3  | 514.1  | 510.9  | 508.7  | 504.5 | 501.1 | 499.7 |
| 175°   | 502.1  | 503.1  | 504.1  | 503.1  | 503.1  | 503.1  | 501.1  | 500.1  | 498.1 | 496.1 | 496.1 |
| 177.5° | 494.7  | 494.7  | 496.3  | 495.5  | 496.3  | 496.3  | 495.5  | 494.7  | 493.9 | 493.1 | 493.9 |
| 180°   | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1 | 493.1 | 493.1 |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 |
| 2.5°   | 1262.8 | 1261.5 | 1255.7 | 1249.0 | 1240.2 | 1234.3 | 1229.7 | 1227.2 | 1219.7 | 1210.4 | 1204.2 |
| 5°     | 1340.8 | 1325.1 | 1308.4 | 1287.9 | 1269.1 | 1249.7 | 1237.7 | 1223.5 | 1206.3 | 1186.9 | 1173.3 |
| 7.5°   | 1424.4 | 1393.6 | 1360.4 | 1326.2 | 1292.3 | 1262.0 | 1235.2 | 1212.2 | 1184.7 | 1156.9 | 1137.5 |
| 10°    | 1488.5 | 1443.4 | 1396.8 | 1349.2 | 1305.7 | 1264.9 | 1233.5 | 1202.6 | 1169.6 | 1137.7 | 1113.6 |
| 12.5°  | 1546.7 | 1487.4 | 1433.7 | 1375.2 | 1319.6 | 1270.8 | 1225.5 | 1189.2 | 1149.5 | 1115.5 | 1088.0 |
| 15°    | 1620.4 | 1559.7 | 1494.7 | 1405.7 | 1331.9 | 1270.1 | 1215.2 | 1167.5 | 1119.4 | 1077.5 | 1050.8 |
| 17.5°  | 1689.3 | 1597.9 | 1510.7 | 1436.4 | 1340.5 | 1263.3 | 1196.2 | 1139.2 | 1086.4 | 1042.0 | 1009.1 |
| 20°    | 1717.8 | 1629.3 | 1534.5 | 1439.8 | 1345.5 | 1259.1 | 1181.1 | 1118.3 | 1063.3 | 1013.1 | 982.7  |
| 22.5°  | 1734.9 | 1634.7 | 1534.9 | 1433.1 | 1333.0 | 1243.2 | 1166.1 | 1096.9 | 1037.4 | 989.6  | 952.1  |
| 25°    | 1754.9 | 1635.6 | 1525.6 | 1425.1 | 1323.0 | 1225.6 | 1134.0 | 1060.7 | 996.3  | 945.5  | 905.7  |
| 27.5°  | 1768.1 | 1627.7 | 1497.8 | 1386.0 | 1282.5 | 1185.5 | 1101.5 | 1023.9 | 958.5  | 904.8  | 862.1  |
| 30°    | 1770.6 | 1621.4 | 1476.4 | 1355.5 | 1250.2 | 1161.2 | 1072.2 | 997.9  | 928.8  | 871.7  | 831.9  |
| 32.5°  | 1774.0 | 1605.9 | 1447.5 | 1319.0 | 1211.3 | 1123.1 | 1042.5 | 971.5  | 900.7  | 844.5  | 803.9  |
| 35°    | 1760.2 | 1597.4 | 1403.6 | 1256.0 | 1148.1 | 1062.8 | 990.0  | 924.6  | 855.0  | 800.5  | 759.1  |
| 37.5°  | 1700.7 | 1563.3 | 1358.2 | 1185.0 | 1072.2 | 993.2  | 933.9  | 876.8  | 813.0  | 754.2  | 715.3  |
| 40°    | 1640.8 | 1529.8 | 1323.0 | 1141.9 | 1024.1 | 942.9  | 889.5  | 842.9  | 781.1  | 726.2  | 684.3  |
| 42.5°  | 1551.6 | 1484.2 | 1289.5 | 1096.6 | 969.6  | 891.4  | 846.4  | 802.7  | 748.5  | 692.7  | 653.3  |
| 45°    | 1387.9 | 1396.8 | 1220.9 | 1024.6 | 894.2  | 815.7  | 773.3  | 742.9  | 694.8  | 648.7  | 608.4  |
| 47.5°  | 1182.7 | 1265.9 | 1140.4 | 947.8  | 814.7  | 741.0  | 704.0  | 677.5  | 645.0  | 599.8  | 563.0  |
| 50°    | 1048.7 | 1167.5 | 1075.9 | 896.3  | 764.9  | 691.6  | 655.0  | 633.5  | 605.2  | 569.6  | 534.5  |
| 52.5°  | 925.1  | 1052.8 | 998.0  | 838.9  | 710.9  | 643.9  | 608.1  | 590.4  | 567.9  | 534.4  | 502.7  |
| 55°    | 754.4  | 883.8  | 871.2  | 752.3  | 629.8  | 569.6  | 542.4  | 522.5  | 507.3  | 482.2  | 457.1  |
| 57.5°  | 610.3  | 732.9  | 739.4  | 656.0  | 558.4  | 498.9  | 475.5  | 460.5  | 450.6  | 431.6  | 408.4  |
| 60°    | 519.4  | 631.9  | 653.9  | 591.1  | 507.3  | 455.0  | 431.9  | 419.9  | 412.0  | 396.9  | 379.1  |
| 62.5°  | 444.0  | 539.8  | 564.7  | 519.5  | 458.3  | 409.3  | 391.3  | 379.7  | 374.3  | 361.2  | 345.5  |
| 65°    | 339.8  | 419.4  | 443.4  | 418.3  | 386.4  | 347.1  | 332.5  | 322.5  | 317.8  | 310.5  | 298.9  |
| 67.5°  | 255.5  | 313.5  | 339.9  | 322.2  | 310.7  | 285.9  | 276.5  | 271.2  | 267.0  | 262.0  | 252.4  |
| 70°    | 205.2  | 248.2  | 275.4  | 270.7  | 261.3  | 248.2  | 241.4  | 237.7  | 233.5  | 229.3  | 220.9  |
| 72.5°  | 165.0  | 194.6  | 220.1  | 222.5  | 214.8  | 212.1  | 206.2  | 204.6  | 202.1  | 197.1  | 192.5  |
| 75°    | 109.4  | 129.8  | 147.6  | 154.4  | 157.6  | 160.2  | 157.6  | 157.1  | 156.5  | 152.4  | 149.7  |
| 77.5°  | 71.7   | 82.7   | 93.9   | 105.5  | 110.5  | 114.0  | 114.9  | 116.8  | 115.4  | 113.2  | 111.9  |
| 80°    | 55.0   | 57.6   | 65.4   | 75.4   | 83.2   | 86.4   | 88.5   | 89.5   | 89.0   | 88.5   | 86.4   |
| 82.5°  | 39.9   | 42.1   | 45.8   | 52.8   | 59.4   | 64.6   | 65.9   | 65.7   | 66.8   | 67.1   | 65.4   |
| 85°    | 21.5   | 22.0   | 23.0   | 24.1   | 27.7   | 33.5   | 35.1   | 36.1   | 37.2   | 37.2   | 34.0   |
| 87.5°  | 10.5   | 9.5    | 9.7    | 9.3    | 10.2   | 10.0   | 12.1   | 13.8   | 14.6   | 13.3   | 13.9   |
| 90°    | 19.0   | 16.0   | 13.0   | 11.0   | 9.0    | 6.0    | 4.0    | 2.0    | 4.0    | 6.0    | 9.0    |
| 92.5°  | 126.8  | 83.8   | 57.7   | 42.9   | 34.5   | 26.8   | 18.4   | 12.4   | 18.4   | 26.8   | 34.5   |
| 95°    | 363.3  | 214.6  | 129.8  | 90.8   | 64.9   | 47.9   | 36.9   | 33.9   | 36.9   | 47.9   | 64.9   |
| 97.5°  | 398.7  | 231.0  | 149.9  | 107.8  | 82.2   | 67.5   | 58.9   | 57.9   | 58.9   | 67.5   | 82.2   |
| 100°   | 376.3  | 228.6  | 158.7  | 119.8  | 95.8   | 81.9   | 74.9   | 73.9   | 74.9   | 81.9   | 95.8   |
| 102.5° | 357.1  | 231.8  | 169.1  | 133.4  | 111.8  | 98.6   | 92.4   | 90.6   | 92.4   | 98.6   | 111.8  |
| 105°   | 343.4  | 240.6  | 186.7  | 155.7  | 136.8  | 124.8  | 118.8  | 115.8  | 118.8  | 124.8  | 136.8  |
| 107.5° | 342.4  | 256.9  | 209.6  | 180.9  | 163.1  | 151.3  | 145.5  | 142.5  | 145.5  | 151.3  | 163.1  |
| 110°   | 346.4  | 270.5  | 225.6  | 197.6  | 180.7  | 169.7  | 164.7  | 161.7  | 164.7  | 169.7  | 180.7  |





TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 354.4 | 284.1 | 242.4 | 215.2 | 198.2 | 187.3 | 182.3 | 179.3 | 182.3 | 187.3 | 198.2 |
| 115°   | 367.3 | 306.4 | 268.5 | 241.6 | 224.6 | 214.6 | 208.6 | 204.6 | 208.6 | 214.6 | 224.6 |
| 117.5° | 384.5 | 330.2 | 292.7 | 267.7 | 248.7 | 239.6 | 234.6 | 230.0 | 234.6 | 239.6 | 248.7 |
| 120°   | 397.3 | 345.4 | 309.4 | 284.5 | 265.5 | 255.5 | 250.5 | 247.5 | 250.5 | 255.5 | 265.5 |
| 122.5° | 409.3 | 361.3 | 326.2 | 299.7 | 281.5 | 270.7 | 265.7 | 262.7 | 265.7 | 270.7 | 281.5 |
| 125°   | 428.2 | 384.3 | 349.4 | 322.4 | 303.4 | 292.5 | 286.5 | 284.5 | 286.5 | 292.5 | 303.4 |
| 127.5° | 443.8 | 404.3 | 370.5 | 343.6 | 322.6 | 311.4 | 304.0 | 301.1 | 304.0 | 311.4 | 322.6 |
| 130°   | 454.2 | 416.2 | 383.3 | 356.3 | 335.4 | 323.4 | 314.4 | 311.4 | 314.4 | 323.4 | 335.4 |
| 132.5° | 463.8 | 426.6 | 394.5 | 368.3 | 347.4 | 333.0 | 323.2 | 319.4 | 323.2 | 333.0 | 347.4 |
| 135°   | 476.1 | 442.2 | 411.2 | 384.3 | 363.3 | 348.4 | 337.4 | 333.4 | 337.4 | 348.4 | 363.3 |
| 137.5° | 485.3 | 453.0 | 423.2 | 398.3 | 377.5 | 361.5 | 350.8 | 346.6 | 350.8 | 361.5 | 377.5 |
| 140°   | 490.1 | 460.2 | 431.2 | 406.3 | 386.3 | 370.3 | 360.3 | 355.4 | 360.3 | 370.3 | 386.3 |
| 142.5° | 494.9 | 465.8 | 437.6 | 414.2 | 394.3 | 379.9 | 369.1 | 364.9 | 369.1 | 379.9 | 394.3 |
| 145°   | 500.1 | 473.1 | 447.2 | 424.2 | 407.3 | 392.3 | 383.3 | 380.3 | 383.3 | 392.3 | 407.3 |
| 147.5° | 503.3 | 479.1 | 455.4 | 435.8 | 419.4 | 406.5 | 397.7 | 395.9 | 397.7 | 406.5 | 419.4 |
| 150°   | 504.1 | 483.1 | 460.2 | 442.2 | 428.2 | 415.2 | 407.3 | 406.3 | 407.3 | 415.2 | 428.2 |
| 152.5° | 505.7 | 485.5 | 465.8 | 448.6 | 436.2 | 424.8 | 416.8 | 416.6 | 416.8 | 424.8 | 436.2 |
| 155°   | 506.1 | 490.1 | 473.1 | 459.2 | 448.2 | 438.2 | 432.2 | 432.2 | 432.2 | 438.2 | 448.2 |
| 157.5° | 507.1 | 492.7 | 479.1 | 468.3 | 459.0 | 450.2 | 445.4 | 444.6 | 445.4 | 450.2 | 459.0 |
| 160°   | 507.1 | 495.1 | 483.1 | 473.1 | 466.1 | 458.2 | 454.2 | 454.2 | 454.2 | 458.2 | 466.1 |
| 162.5° | 506.3 | 495.9 | 485.5 | 477.1 | 470.9 | 464.6 | 461.4 | 461.4 | 461.4 | 464.6 | 470.9 |
| 165°   | 504.1 | 497.1 | 489.1 | 482.1 | 478.1 | 473.1 | 471.1 | 472.1 | 471.1 | 473.1 | 478.1 |
| 167.5° | 502.5 | 496.9 | 491.1 | 486.7 | 483.9 | 480.1 | 479.1 | 480.3 | 479.1 | 480.1 | 483.9 |
| 170°   | 500.1 | 496.1 | 491.1 | 489.1 | 487.1 | 484.1 | 483.1 | 485.1 | 483.1 | 484.1 | 487.1 |
| 172.5° | 499.3 | 496.1 | 491.9 | 490.7 | 489.5 | 487.3 | 487.1 | 488.3 | 487.1 | 487.3 | 489.5 |
| 175°   | 497.1 | 495.1 | 493.1 | 492.1 | 492.1 | 490.1 | 491.1 | 492.1 | 491.1 | 490.1 | 492.1 |
| 177.5° | 495.5 | 493.9 | 493.1 | 493.1 | 493.1 | 492.3 | 493.1 | 493.9 | 493.1 | 492.3 | 493.1 |
| 180°   | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 |
| 2.5°   | 1202.1 | 1196.6 | 1192.9 | 1184.5 | 1179.0 | 1173.2 | 1167.3 | 1171.1 | 1170.7 | 1170.2 | 1170.2 |
| 5°     | 1161.8 | 1149.7 | 1138.7 | 1124.6 | 1115.7 | 1104.7 | 1096.3 | 1095.3 | 1097.4 | 1090.0 | 1085.8 |
| 7.5°   | 1121.8 | 1105.3 | 1089.7 | 1074.1 | 1057.6 | 1044.4 | 1036.1 | 1032.2 | 1026.9 | 1022.4 | 1017.7 |
| 10°    | 1093.7 | 1074.3 | 1059.1 | 1039.8 | 1022.0 | 1006.3 | 996.3  | 989.5  | 985.8  | 982.2  | 975.4  |
| 12.5°  | 1064.8 | 1045.8 | 1026.5 | 1004.6 | 987.6  | 969.4  | 962.0  | 954.3  | 947.3  | 943.2  | 933.9  |
| 15°    | 1022.5 | 997.9  | 977.5  | 954.4  | 935.6  | 917.8  | 907.3  | 892.1  | 890.0  | 884.8  | 875.4  |
| 17.5°  | 980.1  | 953.4  | 925.2  | 908.2  | 886.9  | 868.4  | 852.4  | 847.3  | 832.3  | 826.7  | 818.5  |
| 20°    | 946.6  | 922.0  | 900.5  | 878.0  | 847.1  | 829.8  | 817.3  | 810.5  | 798.4  | 791.1  | 785.8  |
| 22.5°  | 917.7  | 892.7  | 867.8  | 841.6  | 816.1  | 796.7  | 787.5  | 776.9  | 770.4  | 760.1  | 754.4  |
| 25°    | 876.4  | 849.2  | 819.4  | 791.1  | 772.8  | 758.1  | 743.4  | 734.0  | 724.6  | 719.9  | 709.4  |
| 27.5°  | 828.5  | 800.0  | 772.1  | 750.7  | 728.2  | 713.7  | 700.4  | 692.0  | 680.7  | 672.8  | 667.0  |
| 30°    | 802.1  | 768.6  | 744.5  | 725.1  | 696.3  | 682.7  | 672.8  | 662.3  | 653.9  | 645.5  | 639.8  |
| 32.5°  | 771.5  | 740.9  | 718.1  | 694.1  | 672.0  | 657.2  | 644.3  | 635.1  | 627.9  | 620.0  | 614.2  |
| 35°    | 723.5  | 697.9  | 674.3  | 650.2  | 634.0  | 618.8  | 603.7  | 595.8  | 589.0  | 581.7  | 576.4  |
| 37.5°  | 680.2  | 656.2  | 633.8  | 611.0  | 590.9  | 578.5  | 566.3  | 560.3  | 551.1  | 546.2  | 540.8  |
| 40°    | 653.4  | 629.8  | 605.7  | 583.8  | 562.8  | 553.4  | 542.4  | 533.5  | 525.1  | 521.5  | 515.7  |
| 42.5°  | 624.1  | 600.5  | 580.2  | 556.5  | 539.4  | 526.6  | 516.4  | 506.7  | 500.4  | 495.1  | 491.8  |
| 45°    | 580.6  | 559.7  | 539.8  | 516.2  | 500.0  | 489.0  | 477.5  | 468.6  | 462.8  | 459.2  | 453.4  |
| 47.5°  | 538.4  | 517.5  | 497.3  | 476.7  | 461.0  | 448.5  | 437.0  | 430.8  | 423.1  | 418.6  | 414.8  |
| 50°    | 507.8  | 489.0  | 467.5  | 448.7  | 433.0  | 420.4  | 411.0  | 403.1  | 396.3  | 390.6  | 388.0  |
| 52.5°  | 479.8  | 459.7  | 441.1  | 423.6  | 407.0  | 392.8  | 384.2  | 375.9  | 370.8  | 364.2  | 361.1  |
| 55°    | 433.5  | 414.1  | 398.4  | 381.1  | 364.9  | 352.9  | 342.4  | 335.1  | 329.8  | 322.5  | 318.3  |
| 57.5°  | 390.0  | 372.7  | 353.9  | 338.9  | 322.2  | 312.0  | 303.3  | 293.4  | 287.0  | 281.3  | 277.2  |
| 60°    | 360.7  | 340.8  | 324.6  | 310.5  | 295.8  | 282.7  | 274.9  | 267.0  | 260.2  | 254.4  | 250.8  |
| 62.5°  | 330.2  | 312.8  | 297.4  | 282.0  | 268.6  | 257.2  | 248.1  | 241.5  | 235.5  | 231.8  | 228.2  |
| 65°    | 283.2  | 269.6  | 253.9  | 241.4  | 228.8  | 220.4  | 213.1  | 207.3  | 203.1  | 200.5  | 197.4  |
| 67.5°  | 240.1  | 226.9  | 213.2  | 200.8  | 192.5  | 186.1  | 181.3  | 176.3  | 174.2  | 170.9  | 168.8  |
| 70°    | 212.0  | 198.4  | 186.4  | 177.0  | 168.6  | 163.9  | 160.7  | 157.1  | 155.0  | 150.8  | 148.7  |
| 72.5°  | 181.5  | 171.6  | 162.9  | 155.2  | 148.5  | 144.2  | 140.2  | 135.7  | 132.4  | 127.7  | 125.7  |
| 75°    | 142.9  | 134.0  | 127.2  | 122.0  | 117.8  | 112.0  | 106.3  | 101.6  | 100.0  | 98.4   | 97.9   |
| 77.5°  | 105.9  | 100.2  | 95.3   | 90.9   | 85.7   | 81.5   | 80.2   | 79.2   | 78.8   | 78.0   | 78.0   |
| 80°    | 83.2   | 78.0   | 74.3   | 69.1   | 66.0   | 66.0   | 66.0   | 64.9   | 65.4   | 65.4   | 65.4   |
| 82.5°  | 61.9   | 57.1   | 55.1   | 53.2   | 52.6   | 53.0   | 53.0   | 53.2   | 52.9   | 53.7   | 53.3   |
| 85°    | 31.9   | 32.5   | 33.5   | 33.0   | 33.5   | 33.5   | 34.6   | 34.0   | 34.6   | 33.5   | 34.6   |
| 87.5°  | 13.9   | 15.6   | 16.6   | 17.6   | 18.6   | 18.8   | 19.0   | 19.2   | 19.8   | 20.0   | 20.4   |
| 90°    | 11.0   | 13.0   | 16.0   | 19.0   | 22.0   | 25.0   | 24.0   | 25.0   | 26.0   | 27.0   | 28.9   |
| 92.5°  | 42.9   | 57.7   | 83.8   | 126.8  | 168.9  | 153.5  | 115.8  | 84.0   | 66.7   | 58.9   | 53.7   |
| 95°    | 90.8   | 129.8  | 214.6  | 363.3  | 527.0  | 591.9  | 480.1  | 359.3  | 243.6  | 190.7  | 154.7  |
| 97.5°  | 107.8  | 149.9  | 231.0  | 398.7  | 671.6  | 917.3  | 981.4  | 895.8  | 717.5  | 588.7  | 469.3  |
| 100°   | 119.8  | 158.7  | 228.6  | 376.3  | 638.8  | 945.3  | 1141.9 | 1176.9 | 1096.0 | 979.2  | 837.5  |
| 102.5° | 133.4  | 169.1  | 231.8  | 357.1  | 590.9  | 893.4  | 1149.9 | 1270.3 | 1267.7 | 1199.6 | 1109.8 |
| 105°   | 155.7  | 186.7  | 240.6  | 343.4  | 532.0  | 802.5  | 1089.0 | 1297.6 | 1397.5 | 1416.4 | 1390.5 |
| 107.5° | 180.9  | 209.6  | 256.9  | 342.4  | 494.5  | 722.3  | 982.4  | 1219.0 | 1381.1 | 1468.5 | 1504.1 |
| 110°   | 197.6  | 225.6  | 270.5  | 346.4  | 480.1  | 676.8  | 915.3  | 1143.9 | 1327.6 | 1453.3 | 1523.2 |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°   | 150°   | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 215.2 | 242.4 | 284.1 | 354.4 | 472.1 | 646.4 | 857.0 | 1069.6 | 1257.3 | 1398.2 | 1488.1 |
| 115°   | 241.6 | 268.5 | 306.4 | 367.3 | 469.1 | 613.9 | 786.6 | 971.2  | 1144.9 | 1291.6 | 1400.4 |
| 117.5° | 267.7 | 292.7 | 330.2 | 384.5 | 470.9 | 594.7 | 744.0 | 900.0  | 1049.9 | 1181.6 | 1292.0 |
| 120°   | 284.5 | 309.4 | 345.4 | 397.3 | 474.1 | 585.9 | 721.7 | 862.4  | 997.2  | 1117.0 | 1217.8 |
| 122.5° | 299.7 | 326.2 | 361.3 | 409.3 | 479.7 | 580.3 | 703.3 | 832.9  | 954.9  | 1065.9 | 1159.5 |
| 125°   | 322.4 | 349.4 | 384.3 | 428.2 | 488.1 | 573.0 | 679.8 | 793.6  | 902.4  | 998.2  | 1078.0 |
| 127.5° | 343.6 | 370.5 | 404.3 | 443.8 | 497.7 | 569.4 | 659.0 | 759.2  | 856.2  | 942.7  | 1015.3 |
| 130°   | 356.3 | 383.3 | 416.2 | 454.2 | 504.1 | 567.0 | 647.8 | 737.7  | 827.5  | 908.3  | 976.2  |
| 132.5° | 368.3 | 394.5 | 426.6 | 463.8 | 508.9 | 566.2 | 637.4 | 717.7  | 800.3  | 875.6  | 940.3  |
| 135°   | 384.3 | 411.2 | 442.2 | 476.1 | 516.1 | 565.0 | 623.9 | 690.7  | 761.6  | 826.5  | 883.4  |
| 137.5° | 398.3 | 423.2 | 453.0 | 485.3 | 520.8 | 562.8 | 612.1 | 666.2  | 724.3  | 780.2  | 829.5  |
| 140°   | 406.3 | 431.2 | 460.2 | 490.1 | 524.0 | 562.0 | 604.9 | 651.8  | 702.7  | 750.6  | 793.6  |
| 142.5° | 414.2 | 437.6 | 465.8 | 494.9 | 526.4 | 560.4 | 598.5 | 638.2  | 682.0  | 723.5  | 760.8  |
| 145°   | 424.2 | 447.2 | 473.1 | 500.1 | 528.0 | 558.0 | 589.9 | 621.9  | 654.8  | 686.7  | 715.7  |
| 147.5° | 435.8 | 455.4 | 479.1 | 503.3 | 528.0 | 554.2 | 581.5 | 608.5  | 634.6  | 660.4  | 681.0  |
| 150°   | 442.2 | 460.2 | 483.1 | 504.1 | 528.0 | 551.0 | 575.9 | 598.9  | 621.9  | 642.8  | 661.8  |
| 152.5° | 448.6 | 465.8 | 485.5 | 505.7 | 525.6 | 547.0 | 569.6 | 590.1  | 609.9  | 628.5  | 644.2  |
| 155°   | 459.2 | 473.1 | 490.1 | 506.1 | 523.0 | 540.0 | 560.0 | 576.9  | 592.9  | 607.9  | 619.9  |
| 157.5° | 468.3 | 479.1 | 492.7 | 507.1 | 519.7 | 533.8 | 549.2 | 563.0  | 576.3  | 587.9  | 597.3  |
| 160°   | 473.1 | 483.1 | 495.1 | 507.1 | 518.1 | 529.0 | 542.0 | 555.0  | 566.0  | 575.9  | 582.9  |
| 162.5° | 477.1 | 485.5 | 495.9 | 506.3 | 514.9 | 524.2 | 534.8 | 545.4  | 554.8  | 564.0  | 570.2  |
| 165°   | 482.1 | 489.1 | 497.1 | 504.1 | 510.1 | 517.1 | 525.0 | 533.0  | 539.0  | 546.0  | 551.0  |
| 167.5° | 486.7 | 491.1 | 496.9 | 502.5 | 505.3 | 509.9 | 515.7 | 522.2  | 526.8  | 530.8  | 534.4  |
| 170°   | 489.1 | 491.1 | 496.1 | 500.1 | 502.1 | 505.1 | 510.1 | 515.1  | 518.1  | 522.0  | 524.0  |
| 172.5° | 490.7 | 491.9 | 496.1 | 499.3 | 499.7 | 501.1 | 504.5 | 508.7  | 510.9  | 514.1  | 515.3  |
| 175°   | 492.1 | 493.1 | 495.1 | 497.1 | 496.1 | 496.1 | 498.1 | 500.1  | 501.1  | 503.1  | 503.1  |
| 177.5° | 493.1 | 493.1 | 493.9 | 495.5 | 493.9 | 493.1 | 493.9 | 494.7  | 495.5  | 496.3  | 496.3  |
| 180°   | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1  | 493.1  | 493.1  | 493.1  |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 |
| 2.5°   | 1165.2 | 1164.8 | 1165.2 | 1163.5 | 1165.2 | 1164.8 | 1165.2 | 1170.2 | 1170.2 | 1170.7 | 1171.1 |
| 5°     | 1084.3 | 1083.7 | 1082.2 | 1077.5 | 1082.2 | 1083.7 | 1084.3 | 1085.8 | 1090.0 | 1097.4 | 1095.3 |
| 7.5°   | 1013.6 | 1012.9 | 1008.3 | 1008.4 | 1008.3 | 1012.9 | 1013.6 | 1017.7 | 1022.4 | 1026.9 | 1032.2 |
| 10°    | 971.7  | 972.2  | 966.0  | 962.3  | 966.0  | 972.2  | 971.7  | 975.4  | 982.2  | 985.8  | 989.5  |
| 12.5°  | 931.1  | 928.7  | 923.6  | 919.6  | 923.6  | 928.7  | 931.1  | 933.9  | 943.2  | 947.3  | 954.3  |
| 15°    | 877.5  | 872.2  | 859.7  | 860.7  | 859.7  | 872.2  | 877.5  | 875.4  | 884.8  | 890.0  | 892.1  |
| 17.5°  | 814.3  | 810.5  | 810.2  | 802.9  | 810.2  | 810.5  | 814.3  | 818.5  | 826.7  | 832.3  | 847.3  |
| 20°    | 777.5  | 774.9  | 775.9  | 768.6  | 775.9  | 774.9  | 777.5  | 785.8  | 791.1  | 798.4  | 810.5  |
| 22.5°  | 748.6  | 746.0  | 741.6  | 739.3  | 741.6  | 746.0  | 748.6  | 754.4  | 760.1  | 770.4  | 776.9  |
| 25°    | 706.3  | 702.1  | 697.9  | 700.5  | 697.9  | 702.1  | 706.3  | 709.4  | 719.9  | 724.6  | 734.0  |
| 27.5°  | 664.0  | 660.8  | 656.6  | 656.1  | 656.6  | 660.8  | 664.0  | 667.0  | 672.8  | 680.7  | 692.0  |
| 30°    | 637.2  | 634.0  | 631.9  | 629.3  | 631.9  | 634.0  | 637.2  | 639.8  | 645.5  | 653.9  | 662.3  |
| 32.5°  | 609.9  | 609.3  | 605.5  | 605.0  | 605.5  | 609.3  | 609.9  | 614.2  | 620.0  | 627.9  | 635.1  |
| 35°    | 574.3  | 571.2  | 570.1  | 570.7  | 570.1  | 571.2  | 574.3  | 576.4  | 581.7  | 589.0  | 595.8  |
| 37.5°  | 540.5  | 536.3  | 534.4  | 532.6  | 534.4  | 536.3  | 540.5  | 540.8  | 546.2  | 551.1  | 560.3  |
| 40°    | 516.2  | 512.0  | 511.0  | 509.9  | 511.0  | 512.0  | 516.2  | 515.7  | 521.5  | 525.1  | 533.5  |
| 42.5°  | 489.0  | 487.3  | 486.7  | 484.8  | 486.7  | 487.3  | 489.0  | 491.8  | 495.1  | 500.4  | 506.7  |
| 45°    | 451.8  | 451.3  | 448.2  | 449.2  | 448.2  | 451.3  | 451.8  | 453.4  | 459.2  | 462.8  | 468.6  |
| 47.5°  | 412.7  | 410.4  | 408.2  | 409.6  | 408.2  | 410.4  | 412.7  | 414.8  | 418.6  | 423.1  | 430.8  |
| 50°    | 385.9  | 384.8  | 380.1  | 381.1  | 380.1  | 384.8  | 385.9  | 388.0  | 390.6  | 396.3  | 403.1  |
| 52.5°  | 359.1  | 355.1  | 353.3  | 352.7  | 353.3  | 355.1  | 359.1  | 361.1  | 364.2  | 370.8  | 375.9  |
| 55°    | 314.7  | 309.9  | 307.8  | 306.8  | 307.8  | 309.9  | 314.7  | 318.3  | 322.5  | 329.8  | 335.1  |
| 57.5°  | 271.1  | 269.8  | 268.2  | 269.3  | 268.2  | 269.8  | 271.1  | 277.2  | 281.3  | 287.0  | 293.4  |
| 60°    | 245.5  | 245.5  | 245.5  | 245.0  | 245.5  | 245.5  | 245.5  | 250.8  | 254.4  | 260.2  | 267.0  |
| 62.5°  | 225.9  | 224.6  | 224.2  | 224.9  | 224.2  | 224.6  | 225.9  | 228.2  | 231.8  | 235.5  | 241.5  |
| 65°    | 195.8  | 195.3  | 193.2  | 192.7  | 193.2  | 195.3  | 195.8  | 197.4  | 200.5  | 203.1  | 207.3  |
| 67.5°  | 167.4  | 165.5  | 164.9  | 164.2  | 164.9  | 165.5  | 167.4  | 168.8  | 170.9  | 174.2  | 176.3  |
| 70°    | 146.1  | 145.0  | 141.9  | 142.4  | 141.9  | 145.0  | 146.1  | 148.7  | 150.8  | 155.0  | 157.1  |
| 72.5°  | 123.0  | 122.0  | 121.4  | 120.6  | 121.4  | 122.0  | 123.0  | 125.7  | 127.7  | 132.4  | 135.7  |
| 75°    | 97.4   | 96.9   | 96.3   | 98.4   | 96.3   | 96.9   | 97.4   | 97.9   | 98.4   | 100.0  | 101.6  |
| 77.5°  | 78.0   | 78.0   | 78.3   | 77.5   | 78.3   | 78.0   | 78.0   | 78.0   | 78.0   | 78.8   | 79.2   |
| 80°    | 65.4   | 65.4   | 64.9   | 64.9   | 64.9   | 65.4   | 65.4   | 65.4   | 65.4   | 65.4   | 64.9   |
| 82.5°  | 52.5   | 52.9   | 53.2   | 52.4   | 53.2   | 52.9   | 52.5   | 53.3   | 53.7   | 52.9   | 53.2   |
| 85°    | 34.6   | 34.0   | 35.1   | 34.6   | 35.1   | 34.0   | 34.6   | 34.6   | 33.5   | 34.6   | 34.0   |
| 87.5°  | 21.1   | 20.4   | 20.6   | 20.9   | 20.6   | 20.4   | 21.1   | 20.4   | 20.0   | 19.8   | 19.2   |
| 90°    | 27.9   | 28.9   | 29.9   | 28.9   | 29.9   | 28.9   | 27.9   | 28.9   | 27.0   | 26.0   | 25.0   |
| 92.5°  | 51.9   | 48.9   | 49.9   | 48.1   | 49.9   | 48.9   | 51.9   | 53.7   | 58.9   | 66.7   | 84.0   |
| 95°    | 135.8  | 126.8  | 119.8  | 115.8  | 119.8  | 126.8  | 135.8  | 154.7  | 190.7  | 243.6  | 359.3  |
| 97.5°  | 395.7  | 350.8  | 323.8  | 315.2  | 323.8  | 350.8  | 395.7  | 469.3  | 588.7  | 717.5  | 895.8  |
| 100°   | 736.7  | 663.8  | 624.9  | 625.9  | 624.9  | 663.8  | 736.7  | 837.5  | 979.2  | 1096.0 | 1176.9 |
| 102.5° | 1031.3 | 973.6  | 941.1  | 918.1  | 941.1  | 973.6  | 1031.3 | 1109.8 | 1199.6 | 1267.7 | 1270.3 |
| 105°   | 1344.5 | 1306.6 | 1274.7 | 1269.7 | 1274.7 | 1306.6 | 1344.5 | 1390.5 | 1416.4 | 1397.5 | 1297.6 |
| 107.5° | 1504.9 | 1492.1 | 1481.3 | 1472.1 | 1481.3 | 1492.1 | 1504.9 | 1504.1 | 1468.5 | 1381.1 | 1219.0 |
| 110°   | 1551.2 | 1559.2 | 1557.2 | 1555.2 | 1557.2 | 1559.2 | 1551.2 | 1523.2 | 1453.3 | 1327.6 | 1143.9 |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1539.2 | 1563.9 | 1571.5 | 1571.9 | 1571.5 | 1563.9 | 1539.2 | 1488.1 | 1398.2 | 1257.3 | 1069.6 |
| 115°   | 1475.3 | 1519.2 | 1539.2 | 1544.2 | 1539.2 | 1519.2 | 1475.3 | 1400.4 | 1291.6 | 1144.9 | 971.2  |
| 117.5° | 1370.1 | 1420.4 | 1449.2 | 1455.9 | 1449.2 | 1420.4 | 1370.1 | 1292.0 | 1181.6 | 1049.9 | 900.0  |
| 120°   | 1296.6 | 1352.5 | 1376.5 | 1382.5 | 1376.5 | 1352.5 | 1296.6 | 1217.8 | 1117.0 | 997.2  | 862.4  |
| 122.5° | 1229.6 | 1279.9 | 1306.2 | 1313.8 | 1306.2 | 1279.9 | 1229.6 | 1159.5 | 1065.9 | 954.9  | 832.9  |
| 125°   | 1141.9 | 1185.8 | 1210.8 | 1217.8 | 1210.8 | 1185.8 | 1141.9 | 1078.0 | 998.2  | 902.4  | 793.6  |
| 127.5° | 1072.2 | 1109.8 | 1132.3 | 1138.7 | 1132.3 | 1109.8 | 1072.2 | 1015.3 | 942.7  | 856.2  | 759.2  |
| 130°   | 1029.1 | 1065.1 | 1086.0 | 1094.0 | 1086.0 | 1065.1 | 1029.1 | 976.2  | 908.3  | 827.5  | 737.7  |
| 132.5° | 990.0  | 1025.9 | 1044.5 | 1050.1 | 1044.5 | 1025.9 | 990.0  | 940.3  | 875.6  | 800.3  | 717.7  |
| 135°   | 932.3  | 962.2  | 980.2  | 987.2  | 980.2  | 962.2  | 932.3  | 883.4  | 826.5  | 761.6  | 690.7  |
| 137.5° | 870.6  | 901.0  | 916.1  | 920.7  | 916.1  | 901.0  | 870.6  | 829.5  | 780.2  | 724.3  | 666.2  |
| 140°   | 831.5  | 859.4  | 875.4  | 874.4  | 875.4  | 859.4  | 831.5  | 793.6  | 750.6  | 702.7  | 651.8  |
| 142.5° | 793.2  | 817.9  | 832.3  | 831.3  | 832.3  | 817.9  | 793.2  | 760.8  | 723.5  | 682.0  | 638.2  |
| 145°   | 740.6  | 761.6  | 769.6  | 771.6  | 769.6  | 761.6  | 740.6  | 715.7  | 686.7  | 654.8  | 621.9  |
| 147.5° | 699.9  | 714.1  | 721.7  | 722.5  | 721.7  | 714.1  | 699.9  | 681.0  | 660.4  | 634.6  | 608.5  |
| 150°   | 676.8  | 687.7  | 693.7  | 693.7  | 693.7  | 687.7  | 676.8  | 661.8  | 642.8  | 621.9  | 598.9  |
| 152.5° | 656.0  | 666.2  | 669.8  | 669.8  | 669.8  | 666.2  | 656.0  | 644.2  | 628.5  | 609.9  | 590.1  |
| 155°   | 628.9  | 636.8  | 638.8  | 639.8  | 638.8  | 636.8  | 628.9  | 619.9  | 607.9  | 592.9  | 576.9  |
| 157.5° | 605.1  | 611.1  | 612.7  | 612.5  | 612.7  | 611.1  | 605.1  | 597.3  | 587.9  | 576.3  | 563.0  |
| 160°   | 589.9  | 595.9  | 595.9  | 594.9  | 595.9  | 595.9  | 589.9  | 582.9  | 575.9  | 566.0  | 555.0  |
| 162.5° | 574.8  | 579.9  | 579.9  | 578.9  | 579.9  | 579.9  | 574.8  | 570.2  | 564.0  | 554.8  | 545.4  |
| 165°   | 555.0  | 559.0  | 558.0  | 558.0  | 558.0  | 559.0  | 555.0  | 551.0  | 546.0  | 539.0  | 533.0  |
| 167.5° | 536.2  | 539.0  | 538.0  | 538.0  | 538.0  | 539.0  | 536.2  | 534.4  | 530.8  | 526.8  | 522.2  |
| 170°   | 525.0  | 527.0  | 526.0  | 526.0  | 526.0  | 527.0  | 525.0  | 524.0  | 522.0  | 518.1  | 515.1  |
| 172.5° | 515.5  | 517.5  | 515.7  | 514.9  | 515.7  | 517.5  | 515.5  | 515.3  | 514.1  | 510.9  | 508.7  |
| 175°   | 503.1  | 504.1  | 503.1  | 502.1  | 503.1  | 504.1  | 503.1  | 503.1  | 503.1  | 501.1  | 500.1  |
| 177.5° | 495.5  | 496.3  | 494.7  | 494.7  | 494.7  | 496.3  | 495.5  | 496.3  | 496.3  | 495.5  | 494.7  |
| 180°   | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 |
| 2.5°   | 1167.3 | 1173.2 | 1179.0 | 1184.5 | 1192.9 | 1196.6 | 1202.1 | 1204.2 | 1210.4 | 1219.7 | 1227.2 |
| 5°     | 1096.3 | 1104.7 | 1115.7 | 1124.6 | 1138.7 | 1149.7 | 1161.8 | 1173.3 | 1186.9 | 1206.3 | 1223.5 |
| 7.5°   | 1036.1 | 1044.4 | 1057.6 | 1074.1 | 1089.7 | 1105.3 | 1121.8 | 1137.5 | 1156.9 | 1184.7 | 1212.2 |
| 10°    | 996.3  | 1006.3 | 1022.0 | 1039.8 | 1059.1 | 1074.3 | 1093.7 | 1113.6 | 1137.7 | 1169.6 | 1202.6 |
| 12.5°  | 962.0  | 969.4  | 987.6  | 1004.6 | 1026.5 | 1045.8 | 1064.8 | 1088.0 | 1115.5 | 1149.5 | 1189.2 |
| 15°    | 907.3  | 917.8  | 935.6  | 954.4  | 977.5  | 997.9  | 1022.5 | 1050.8 | 1077.5 | 1119.4 | 1167.5 |
| 17.5°  | 852.4  | 868.4  | 886.9  | 908.2  | 925.2  | 953.4  | 980.1  | 1009.1 | 1042.0 | 1086.4 | 1139.2 |
| 20°    | 817.3  | 829.8  | 847.1  | 878.0  | 900.5  | 922.0  | 946.6  | 982.7  | 1013.1 | 1063.3 | 1118.3 |
| 22.5°  | 787.5  | 796.7  | 816.1  | 841.6  | 867.8  | 892.7  | 917.7  | 952.1  | 989.6  | 1037.4 | 1096.9 |
| 25°    | 743.4  | 758.1  | 772.8  | 791.1  | 819.4  | 849.2  | 876.4  | 905.7  | 945.5  | 996.3  | 1060.7 |
| 27.5°  | 700.4  | 713.7  | 728.2  | 750.7  | 772.1  | 800.0  | 828.5  | 862.1  | 904.8  | 958.5  | 1023.9 |
| 30°    | 672.8  | 682.7  | 696.3  | 725.1  | 744.5  | 768.6  | 802.1  | 831.9  | 871.7  | 928.8  | 997.9  |
| 32.5°  | 644.3  | 657.2  | 672.0  | 694.1  | 718.1  | 740.9  | 771.5  | 803.9  | 844.5  | 900.7  | 971.5  |
| 35°    | 603.7  | 618.8  | 634.0  | 650.2  | 674.3  | 697.9  | 723.5  | 759.1  | 800.5  | 855.0  | 924.6  |
| 37.5°  | 566.3  | 578.5  | 590.9  | 611.0  | 633.8  | 656.2  | 680.2  | 715.3  | 754.2  | 813.0  | 876.8  |
| 40°    | 542.4  | 553.4  | 562.8  | 583.8  | 605.7  | 629.8  | 653.4  | 684.3  | 726.2  | 781.1  | 842.9  |
| 42.5°  | 516.4  | 526.6  | 539.4  | 556.5  | 580.2  | 600.5  | 624.1  | 653.3  | 692.7  | 748.5  | 802.7  |
| 45°    | 477.5  | 489.0  | 500.0  | 516.2  | 539.8  | 559.7  | 580.6  | 608.4  | 648.7  | 694.8  | 742.9  |
| 47.5°  | 437.0  | 448.5  | 461.0  | 476.7  | 497.3  | 517.5  | 538.4  | 563.0  | 599.8  | 645.0  | 677.5  |
| 50°    | 411.0  | 420.4  | 433.0  | 448.7  | 467.5  | 489.0  | 507.8  | 534.5  | 569.6  | 605.2  | 633.5  |
| 52.5°  | 384.2  | 392.8  | 407.0  | 423.6  | 441.1  | 459.7  | 479.8  | 502.7  | 534.4  | 567.9  | 590.4  |
| 55°    | 342.4  | 352.9  | 364.9  | 381.1  | 398.4  | 414.1  | 433.5  | 457.1  | 482.2  | 507.3  | 522.5  |
| 57.5°  | 303.3  | 312.0  | 322.2  | 338.9  | 353.9  | 372.7  | 390.0  | 408.4  | 431.6  | 450.6  | 460.5  |
| 60°    | 274.9  | 282.7  | 295.8  | 310.5  | 324.6  | 340.8  | 360.7  | 379.1  | 396.9  | 412.0  | 419.9  |
| 62.5°  | 248.1  | 257.2  | 268.6  | 282.0  | 297.4  | 312.8  | 330.2  | 345.5  | 361.2  | 374.3  | 379.7  |
| 65°    | 213.1  | 220.4  | 228.8  | 241.4  | 253.9  | 269.6  | 283.2  | 298.9  | 310.5  | 317.8  | 322.5  |
| 67.5°  | 181.3  | 186.1  | 192.5  | 200.8  | 213.2  | 226.9  | 240.1  | 252.4  | 262.0  | 267.0  | 271.2  |
| 70°    | 160.7  | 163.9  | 168.6  | 177.0  | 186.4  | 198.4  | 212.0  | 220.9  | 229.3  | 233.5  | 237.7  |
| 72.5°  | 140.2  | 144.2  | 148.5  | 155.2  | 162.9  | 171.6  | 181.5  | 192.5  | 197.1  | 202.1  | 204.6  |
| 75°    | 106.3  | 112.0  | 117.8  | 122.0  | 127.2  | 134.0  | 142.9  | 149.7  | 152.4  | 156.5  | 157.1  |
| 77.5°  | 80.2   | 81.5   | 85.7   | 90.9   | 95.3   | 100.2  | 105.9  | 111.9  | 113.2  | 115.4  | 116.8  |
| 80°    | 66.0   | 66.0   | 66.0   | 69.1   | 74.3   | 78.0   | 83.2   | 86.4   | 88.5   | 89.0   | 89.5   |
| 82.5°  | 53.0   | 53.0   | 52.6   | 53.2   | 55.1   | 57.1   | 61.9   | 65.4   | 67.1   | 66.8   | 65.7   |
| 85°    | 34.6   | 33.5   | 33.5   | 33.0   | 33.5   | 32.5   | 31.9   | 34.0   | 37.2   | 37.2   | 36.1   |
| 87.5°  | 19.0   | 18.8   | 18.6   | 17.6   | 16.6   | 15.6   | 13.9   | 13.9   | 13.3   | 14.6   | 13.8   |
| 90°    | 24.0   | 25.0   | 22.0   | 19.0   | 16.0   | 13.0   | 11.0   | 9.0    | 6.0    | 4.0    | 2.0    |
| 92.5°  | 115.8  | 153.5  | 168.9  | 126.8  | 83.8   | 57.7   | 42.9   | 34.5   | 26.8   | 18.4   | 12.4   |
| 95°    | 480.1  | 591.9  | 527.0  | 363.3  | 214.6  | 129.8  | 90.8   | 64.9   | 47.9   | 36.9   | 33.9   |
| 97.5°  | 981.4  | 917.3  | 671.6  | 398.7  | 231.0  | 149.9  | 107.8  | 82.2   | 67.5   | 58.9   | 57.9   |
| 100°   | 1141.9 | 945.3  | 638.8  | 376.3  | 228.6  | 158.7  | 119.8  | 95.8   | 81.9   | 74.9   | 73.9   |
| 102.5° | 1149.9 | 893.4  | 590.9  | 357.1  | 231.8  | 169.1  | 133.4  | 111.8  | 98.6   | 92.4   | 90.6   |
| 105°   | 1089.0 | 802.5  | 532.0  | 343.4  | 240.6  | 186.7  | 155.7  | 136.8  | 124.8  | 118.8  | 115.8  |
| 107.5° | 982.4  | 722.3  | 494.5  | 342.4  | 256.9  | 209.6  | 180.9  | 163.1  | 151.3  | 145.5  | 142.5  |
| 110°   | 915.3  | 676.8  | 480.1  | 346.4  | 270.5  | 225.6  | 197.6  | 180.7  | 169.7  | 164.7  | 161.7  |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 857.0 | 646.4 | 472.1 | 354.4 | 284.1 | 242.4 | 215.2 | 198.2 | 187.3 | 182.3 | 179.3 |
| 115°   | 786.6 | 613.9 | 469.1 | 367.3 | 306.4 | 268.5 | 241.6 | 224.6 | 214.6 | 208.6 | 204.6 |
| 117.5° | 744.0 | 594.7 | 470.9 | 384.5 | 330.2 | 292.7 | 267.7 | 248.7 | 239.6 | 234.6 | 230.0 |
| 120°   | 721.7 | 585.9 | 474.1 | 397.3 | 345.4 | 309.4 | 284.5 | 265.5 | 255.5 | 250.5 | 247.5 |
| 122.5° | 703.3 | 580.3 | 479.7 | 409.3 | 361.3 | 326.2 | 299.7 | 281.5 | 270.7 | 265.7 | 262.7 |
| 125°   | 679.8 | 573.0 | 488.1 | 428.2 | 384.3 | 349.4 | 322.4 | 303.4 | 292.5 | 286.5 | 284.5 |
| 127.5° | 659.0 | 569.4 | 497.7 | 443.8 | 404.3 | 370.5 | 343.6 | 322.6 | 311.4 | 304.0 | 301.1 |
| 130°   | 647.8 | 567.0 | 504.1 | 454.2 | 416.2 | 383.3 | 356.3 | 335.4 | 323.4 | 314.4 | 311.4 |
| 132.5° | 637.4 | 566.2 | 508.9 | 463.8 | 426.6 | 394.5 | 368.3 | 347.4 | 333.0 | 323.2 | 319.4 |
| 135°   | 623.9 | 565.0 | 516.1 | 476.1 | 442.2 | 411.2 | 384.3 | 363.3 | 348.4 | 337.4 | 333.4 |
| 137.5° | 612.1 | 562.8 | 520.8 | 485.3 | 453.0 | 423.2 | 398.3 | 377.5 | 361.5 | 350.8 | 346.6 |
| 140°   | 604.9 | 562.0 | 524.0 | 490.1 | 460.2 | 431.2 | 406.3 | 386.3 | 370.3 | 360.3 | 355.4 |
| 142.5° | 598.5 | 560.4 | 526.4 | 494.9 | 465.8 | 437.6 | 414.2 | 394.3 | 379.9 | 369.1 | 364.9 |
| 145°   | 589.9 | 558.0 | 528.0 | 500.1 | 473.1 | 447.2 | 424.2 | 407.3 | 392.3 | 383.3 | 380.3 |
| 147.5° | 581.5 | 554.2 | 528.0 | 503.3 | 479.1 | 455.4 | 435.8 | 419.4 | 406.5 | 397.7 | 395.9 |
| 150°   | 575.9 | 551.0 | 528.0 | 504.1 | 483.1 | 460.2 | 442.2 | 428.2 | 415.2 | 407.3 | 406.3 |
| 152.5° | 569.6 | 547.0 | 525.6 | 505.7 | 485.5 | 465.8 | 448.6 | 436.2 | 424.8 | 416.8 | 416.6 |
| 155°   | 560.0 | 540.0 | 523.0 | 506.1 | 490.1 | 473.1 | 459.2 | 448.2 | 438.2 | 432.2 | 432.2 |
| 157.5° | 549.2 | 533.8 | 519.7 | 507.1 | 492.7 | 479.1 | 468.3 | 459.0 | 450.2 | 445.4 | 444.6 |
| 160°   | 542.0 | 529.0 | 518.1 | 507.1 | 495.1 | 483.1 | 473.1 | 466.1 | 458.2 | 454.2 | 454.2 |
| 162.5° | 534.8 | 524.2 | 514.9 | 506.3 | 495.9 | 485.5 | 477.1 | 470.9 | 464.6 | 461.4 | 461.4 |
| 165°   | 525.0 | 517.1 | 510.1 | 504.1 | 497.1 | 489.1 | 482.1 | 478.1 | 473.1 | 471.1 | 472.1 |
| 167.5° | 515.7 | 509.9 | 505.3 | 502.5 | 496.9 | 491.1 | 486.7 | 483.9 | 480.1 | 479.1 | 480.3 |
| 170°   | 510.1 | 505.1 | 502.1 | 500.1 | 496.1 | 491.1 | 489.1 | 487.1 | 484.1 | 483.1 | 485.1 |
| 172.5° | 504.5 | 501.1 | 499.7 | 499.3 | 496.1 | 491.9 | 490.7 | 489.5 | 487.3 | 487.1 | 488.3 |
| 175°   | 498.1 | 496.1 | 496.1 | 497.1 | 495.1 | 493.1 | 492.1 | 492.1 | 490.1 | 491.1 | 492.1 |
| 177.5° | 493.9 | 493.1 | 493.9 | 495.5 | 493.9 | 493.1 | 493.1 | 493.1 | 492.3 | 493.1 | 493.9 |
| 180°   | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 |
| 2.5°   | 1229.7 | 1234.3 | 1240.2 | 1249.0 | 1255.7 | 1261.5 | 1262.8 | 1264.5 | 1268.7 | 1275.8 | 1281.2 |
| 5°     | 1237.7 | 1249.7 | 1269.1 | 1287.9 | 1308.4 | 1325.1 | 1340.8 | 1351.8 | 1362.3 | 1384.3 | 1402.1 |
| 7.5°   | 1235.2 | 1262.0 | 1292.3 | 1326.2 | 1360.4 | 1393.6 | 1424.4 | 1451.9 | 1479.3 | 1511.4 | 1547.9 |
| 10°    | 1233.5 | 1264.9 | 1305.7 | 1349.2 | 1396.8 | 1443.4 | 1488.5 | 1523.5 | 1564.4 | 1601.0 | 1647.6 |
| 12.5°  | 1225.5 | 1270.8 | 1319.6 | 1375.2 | 1433.7 | 1487.4 | 1546.7 | 1595.2 | 1641.9 | 1694.8 | 1749.0 |
| 15°    | 1215.2 | 1270.1 | 1331.9 | 1405.7 | 1494.7 | 1559.7 | 1620.4 | 1704.7 | 1762.3 | 1819.9 | 1897.3 |
| 17.5°  | 1196.2 | 1263.3 | 1340.5 | 1436.4 | 1510.7 | 1597.9 | 1689.3 | 1755.9 | 1833.5 | 1914.6 | 1984.8 |
| 20°    | 1181.1 | 1259.1 | 1345.5 | 1439.8 | 1534.5 | 1629.3 | 1717.8 | 1797.3 | 1877.5 | 1971.2 | 2028.8 |
| 22.5°  | 1166.1 | 1243.2 | 1333.0 | 1433.1 | 1534.9 | 1634.7 | 1734.9 | 1828.3 | 1918.5 | 2013.1 | 2086.6 |
| 25°    | 1134.0 | 1225.6 | 1323.0 | 1425.1 | 1525.6 | 1635.6 | 1754.9 | 1859.1 | 1970.6 | 2068.0 | 2137.7 |
| 27.5°  | 1101.5 | 1185.5 | 1282.5 | 1386.0 | 1497.8 | 1627.7 | 1768.1 | 1886.6 | 1998.3 | 2068.0 | 2089.9 |
| 30°    | 1072.2 | 1161.2 | 1250.2 | 1355.5 | 1476.4 | 1621.4 | 1770.6 | 1906.2 | 1997.9 | 2028.2 | 2005.7 |
| 32.5°  | 1042.5 | 1123.1 | 1211.3 | 1319.0 | 1447.5 | 1605.9 | 1774.0 | 1894.5 | 1949.7 | 1926.5 | 1834.8 |
| 35°    | 990.0  | 1062.8 | 1148.1 | 1256.0 | 1403.6 | 1597.4 | 1760.2 | 1841.8 | 1828.2 | 1697.3 | 1524.6 |
| 37.5°  | 933.9  | 993.2  | 1072.2 | 1185.0 | 1358.2 | 1563.3 | 1700.7 | 1712.7 | 1594.9 | 1394.0 | 1194.4 |
| 40°    | 889.5  | 942.9  | 1024.1 | 1141.9 | 1323.0 | 1529.8 | 1640.8 | 1592.1 | 1409.4 | 1185.8 | 1019.4 |
| 42.5°  | 846.4  | 891.4  | 969.6  | 1096.6 | 1289.5 | 1484.2 | 1551.6 | 1445.5 | 1234.7 | 1023.3 | 871.9  |
| 45°    | 773.3  | 815.7  | 894.2  | 1024.6 | 1220.9 | 1396.8 | 1387.9 | 1203.6 | 992.7  | 822.5  | 696.8  |
| 47.5°  | 704.0  | 741.0  | 814.7  | 947.8  | 1140.4 | 1265.9 | 1182.7 | 986.6  | 807.6  | 671.1  | 581.5  |
| 50°    | 655.0  | 691.6  | 764.9  | 896.3  | 1075.9 | 1167.5 | 1048.7 | 859.7  | 695.8  | 582.7  | 511.5  |
| 52.5°  | 608.1  | 643.9  | 710.9  | 838.9  | 998.0  | 1052.8 | 925.1  | 749.9  | 613.3  | 515.7  | 454.5  |
| 55°    | 542.4  | 569.6  | 629.8  | 752.3  | 871.2  | 883.8  | 754.4  | 607.8  | 495.3  | 427.2  | 385.3  |
| 57.5°  | 475.5  | 498.9  | 558.4  | 656.0  | 739.4  | 732.9  | 610.3  | 483.4  | 407.6  | 357.1  | 326.7  |
| 60°    | 431.9  | 455.0  | 507.3  | 591.1  | 653.9  | 631.9  | 519.4  | 417.3  | 352.3  | 315.2  | 291.1  |
| 62.5°  | 391.3  | 409.3  | 458.3  | 519.5  | 564.7  | 539.8  | 444.0  | 359.5  | 308.0  | 276.6  | 257.6  |
| 65°    | 332.5  | 347.1  | 386.4  | 418.3  | 443.4  | 419.4  | 339.8  | 281.1  | 244.0  | 222.0  | 208.9  |
| 67.5°  | 276.5  | 285.9  | 310.7  | 322.2  | 339.9  | 313.5  | 255.5  | 216.2  | 195.1  | 176.5  | 167.4  |
| 70°    | 241.4  | 248.2  | 261.3  | 270.7  | 275.4  | 248.2  | 205.2  | 176.4  | 158.6  | 145.5  | 139.8  |
| 72.5°  | 206.2  | 212.1  | 214.8  | 222.5  | 220.1  | 194.6  | 165.0  | 142.1  | 129.3  | 120.4  | 113.0  |
| 75°    | 157.6  | 160.2  | 157.6  | 154.4  | 147.6  | 129.8  | 109.4  | 97.9   | 88.5   | 84.3   | 81.7   |
| 77.5°  | 114.9  | 114.0  | 110.5  | 105.5  | 93.9   | 82.7   | 71.7   | 67.9   | 63.8   | 61.6   | 60.6   |
| 80°    | 88.5   | 86.4   | 83.2   | 75.4   | 65.4   | 57.6   | 55.0   | 52.4   | 50.8   | 48.2   | 47.6   |
| 82.5°  | 65.9   | 64.6   | 59.4   | 52.8   | 45.8   | 42.1   | 39.9   | 39.0   | 37.4   | 36.0   | 35.9   |
| 85°    | 35.1   | 33.5   | 27.7   | 24.1   | 23.0   | 22.0   | 21.5   | 21.5   | 19.4   | 18.8   | 18.8   |
| 87.5°  | 12.1   | 10.0   | 10.2   | 9.3    | 9.7    | 9.5    | 10.5   | 10.3   | 10.4   | 10.7   | 10.0   |
| 90°    | 4.0    | 6.0    | 9.0    | 11.0   | 13.0   | 16.0   | 19.0   | 22.0   | 25.0   | 24.0   | 25.0   |
| 92.5°  | 18.4   | 26.8   | 34.5   | 42.9   | 57.7   | 83.8   | 126.8  | 168.9  | 153.5  | 115.8  | 84.0   |
| 95°    | 36.9   | 47.9   | 64.9   | 90.8   | 129.8  | 214.6  | 363.3  | 527.0  | 591.9  | 480.1  | 359.3  |
| 97.5°  | 58.9   | 67.5   | 82.2   | 107.8  | 149.9  | 231.0  | 398.7  | 671.6  | 917.3  | 981.4  | 895.8  |
| 100°   | 74.9   | 81.9   | 95.8   | 119.8  | 158.7  | 228.6  | 376.3  | 638.8  | 945.3  | 1141.9 | 1176.9 |
| 102.5° | 92.4   | 98.6   | 111.8  | 133.4  | 169.1  | 231.8  | 357.1  | 590.9  | 893.4  | 1149.9 | 1270.3 |
| 105°   | 118.8  | 124.8  | 136.8  | 155.7  | 186.7  | 240.6  | 343.4  | 532.0  | 802.5  | 1089.0 | 1297.6 |
| 107.5° | 145.5  | 151.3  | 163.1  | 180.9  | 209.6  | 256.9  | 342.4  | 494.5  | 722.3  | 982.4  | 1219.0 |
| 110°   | 164.7  | 169.7  | 180.7  | 197.6  | 225.6  | 270.5  | 346.4  | 480.1  | 676.8  | 915.3  | 1143.9 |





TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 182.3 | 187.3 | 198.2 | 215.2 | 242.4 | 284.1 | 354.4 | 472.1 | 646.4 | 857.0 | 1069.6 |
| 115°   | 208.6 | 214.6 | 224.6 | 241.6 | 268.5 | 306.4 | 367.3 | 469.1 | 613.9 | 786.6 | 971.2  |
| 117.5° | 234.6 | 239.6 | 248.7 | 267.7 | 292.7 | 330.2 | 384.5 | 470.9 | 594.7 | 744.0 | 900.0  |
| 120°   | 250.5 | 255.5 | 265.5 | 284.5 | 309.4 | 345.4 | 397.3 | 474.1 | 585.9 | 721.7 | 862.4  |
| 122.5° | 265.7 | 270.7 | 281.5 | 299.7 | 326.2 | 361.3 | 409.3 | 479.7 | 580.3 | 703.3 | 832.9  |
| 125°   | 286.5 | 292.5 | 303.4 | 322.4 | 349.4 | 384.3 | 428.2 | 488.1 | 573.0 | 679.8 | 793.6  |
| 127.5° | 304.0 | 311.4 | 322.6 | 343.6 | 370.5 | 404.3 | 443.8 | 497.7 | 569.4 | 659.0 | 759.2  |
| 130°   | 314.4 | 323.4 | 335.4 | 356.3 | 383.3 | 416.2 | 454.2 | 504.1 | 567.0 | 647.8 | 737.7  |
| 132.5° | 323.2 | 333.0 | 347.4 | 368.3 | 394.5 | 426.6 | 463.8 | 508.9 | 566.2 | 637.4 | 717.7  |
| 135°   | 337.4 | 348.4 | 363.3 | 384.3 | 411.2 | 442.2 | 476.1 | 516.1 | 565.0 | 623.9 | 690.7  |
| 137.5° | 350.8 | 361.5 | 377.5 | 398.3 | 423.2 | 453.0 | 485.3 | 520.8 | 562.8 | 612.1 | 666.2  |
| 140°   | 360.3 | 370.3 | 386.3 | 406.3 | 431.2 | 460.2 | 490.1 | 524.0 | 562.0 | 604.9 | 651.8  |
| 142.5° | 369.1 | 379.9 | 394.3 | 414.2 | 437.6 | 465.8 | 494.9 | 526.4 | 560.4 | 598.5 | 638.2  |
| 145°   | 383.3 | 392.3 | 407.3 | 424.2 | 447.2 | 473.1 | 500.1 | 528.0 | 558.0 | 589.9 | 621.9  |
| 147.5° | 397.7 | 406.5 | 419.4 | 435.8 | 455.4 | 479.1 | 503.3 | 528.0 | 554.2 | 581.5 | 608.5  |
| 150°   | 407.3 | 415.2 | 428.2 | 442.2 | 460.2 | 483.1 | 504.1 | 528.0 | 551.0 | 575.9 | 598.9  |
| 152.5° | 416.8 | 424.8 | 436.2 | 448.6 | 465.8 | 485.5 | 505.7 | 525.6 | 547.0 | 569.6 | 590.1  |
| 155°   | 432.2 | 438.2 | 448.2 | 459.2 | 473.1 | 490.1 | 506.1 | 523.0 | 540.0 | 560.0 | 576.9  |
| 157.5° | 445.4 | 450.2 | 459.0 | 468.3 | 479.1 | 492.7 | 507.1 | 519.7 | 533.8 | 549.2 | 563.0  |
| 160°   | 454.2 | 458.2 | 466.1 | 473.1 | 483.1 | 495.1 | 507.1 | 518.1 | 529.0 | 542.0 | 555.0  |
| 162.5° | 461.4 | 464.6 | 470.9 | 477.1 | 485.5 | 495.9 | 506.3 | 514.9 | 524.2 | 534.8 | 545.4  |
| 165°   | 471.1 | 473.1 | 478.1 | 482.1 | 489.1 | 497.1 | 504.1 | 510.1 | 517.1 | 525.0 | 533.0  |
| 167.5° | 479.1 | 480.1 | 483.9 | 486.7 | 491.1 | 496.9 | 502.5 | 505.3 | 509.9 | 515.7 | 522.2  |
| 170°   | 483.1 | 484.1 | 487.1 | 489.1 | 491.1 | 496.1 | 500.1 | 502.1 | 505.1 | 510.1 | 515.1  |
| 172.5° | 487.1 | 487.3 | 489.5 | 490.7 | 491.9 | 496.1 | 499.3 | 499.7 | 501.1 | 504.5 | 508.7  |
| 175°   | 491.1 | 490.1 | 492.1 | 492.1 | 493.1 | 495.1 | 497.1 | 496.1 | 496.1 | 498.1 | 500.1  |
| 177.5° | 493.1 | 492.3 | 493.1 | 493.1 | 493.1 | 493.9 | 495.5 | 493.9 | 493.1 | 493.9 | 494.7  |
| 180°   | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1 | 493.1  |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 | 1223.0 |
| 2.5°   | 1290.0 | 1290.0 | 1291.7 | 1298.0 | 1298.8 | 1304.3 | 1302.6 |
| 5°     | 1417.8 | 1427.7 | 1431.4 | 1447.1 | 1456.5 | 1460.7 | 1452.3 |
| 7.5°   | 1574.0 | 1602.1 | 1615.4 | 1631.8 | 1646.4 | 1650.8 | 1639.3 |
| 10°    | 1687.9 | 1717.2 | 1741.9 | 1757.0 | 1771.2 | 1780.6 | 1792.6 |
| 12.5°  | 1798.1 | 1834.1 | 1857.5 | 1878.9 | 1893.5 | 1905.4 | 1907.4 |
| 15°    | 1917.8 | 1972.2 | 2013.6 | 2043.9 | 2059.1 | 2067.0 | 2063.8 |
| 17.5°  | 2038.5 | 2089.0 | 2118.4 | 2149.4 | 2170.4 | 2171.5 | 2172.1 |
| 20°    | 2106.8 | 2156.0 | 2190.0 | 2213.0 | 2236.6 | 2235.6 | 2240.8 |
| 22.5°  | 2152.4 | 2191.2 | 2217.2 | 2234.0 | 2242.1 | 2238.1 | 2239.1 |
| 25°    | 2173.8 | 2185.3 | 2180.6 | 2153.9 | 2147.1 | 2122.5 | 2126.7 |
| 27.5°  | 2063.6 | 2009.2 | 1952.8 | 1880.4 | 1823.2 | 1777.6 | 1779.9 |
| 30°    | 1914.1 | 1817.8 | 1707.8 | 1615.7 | 1533.0 | 1509.9 | 1460.7 |
| 32.5°  | 1705.1 | 1560.6 | 1431.8 | 1345.9 | 1274.9 | 1255.7 | 1212.8 |
| 35°    | 1350.8 | 1210.4 | 1078.0 | 998.4  | 967.0  | 923.0  | 922.5  |
| 37.5°  | 1049.9 | 926.4  | 856.3  | 796.6  | 765.3  | 738.7  | 736.1  |
| 40°    | 883.2  | 786.9  | 734.0  | 691.1  | 660.2  | 640.3  | 635.6  |
| 42.5°  | 766.8  | 688.9  | 639.4  | 612.8  | 589.0  | 578.7  | 571.1  |
| 45°    | 626.2  | 573.8  | 539.3  | 515.2  | 504.2  | 496.3  | 492.1  |
| 47.5°  | 523.8  | 488.7  | 465.1  | 449.1  | 440.2  | 431.9  | 434.1  |
| 50°    | 468.1  | 439.3  | 422.0  | 406.8  | 400.0  | 394.2  | 394.8  |
| 52.5°  | 423.2  | 397.4  | 383.4  | 372.5  | 364.0  | 359.9  | 357.9  |
| 55°    | 359.2  | 342.9  | 328.8  | 320.9  | 316.2  | 310.5  | 308.9  |
| 57.5°  | 306.4  | 293.8  | 282.3  | 273.4  | 272.2  | 266.7  | 267.4  |
| 60°    | 271.2  | 260.7  | 251.3  | 246.6  | 242.9  | 238.2  | 239.8  |
| 62.5°  | 242.3  | 233.5  | 224.9  | 221.0  | 217.4  | 213.9  | 214.7  |
| 65°    | 198.4  | 190.0  | 184.8  | 182.7  | 181.1  | 179.6  | 178.0  |
| 67.5°  | 158.1  | 153.0  | 149.7  | 145.2  | 142.0  | 141.5  | 139.9  |
| 70°    | 133.0  | 126.2  | 120.4  | 114.7  | 113.1  | 112.6  | 113.1  |
| 72.5°  | 106.6  | 102.3  | 100.7  | 97.9   | 97.6   | 96.2   | 97.2   |
| 75°    | 80.1   | 78.5   | 77.5   | 75.4   | 75.4   | 75.4   | 75.4   |
| 77.5°  | 59.1   | 58.1   | 57.5   | 57.1   | 56.5   | 55.8   | 55.7   |
| 80°    | 46.1   | 45.5   | 44.5   | 44.5   | 44.0   | 44.5   | 44.0   |
| 82.5°  | 34.8   | 34.7   | 33.6   | 33.6   | 33.1   | 32.8   | 33.1   |
| 85°    | 17.8   | 17.3   | 18.3   | 17.3   | 17.8   | 16.8   | 17.8   |
| 87.5°  | 10.2   | 10.4   | 10.4   | 10.2   | 10.0   | 11.0   | 10.0   |
| 90°    | 26.0   | 27.0   | 28.9   | 27.9   | 28.9   | 29.9   | 28.9   |
| 92.5°  | 66.7   | 58.9   | 53.7   | 51.9   | 48.9   | 49.9   | 48.1   |
| 95°    | 243.6  | 190.7  | 154.7  | 135.8  | 126.8  | 119.8  | 115.8  |
| 97.5°  | 717.5  | 588.7  | 469.3  | 395.7  | 350.8  | 323.8  | 315.2  |
| 100°   | 1096.0 | 979.2  | 837.5  | 736.7  | 663.8  | 624.9  | 625.9  |
| 102.5° | 1267.7 | 1199.6 | 1109.8 | 1031.3 | 973.6  | 941.1  | 918.1  |
| 105°   | 1397.5 | 1416.4 | 1390.5 | 1344.5 | 1306.6 | 1274.7 | 1269.7 |
| 107.5° | 1381.1 | 1468.5 | 1504.1 | 1504.9 | 1492.1 | 1481.3 | 1472.1 |
| 110°   | 1327.6 | 1453.3 | 1523.2 | 1551.2 | 1559.2 | 1557.2 | 1555.2 |



TEST NUMBER: P332320

CATALOG NUMBER: S123RDIP-S775D1025U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1257.3 | 1398.2 | 1488.1 | 1539.2 | 1563.9 | 1571.5 | 1571.9 |
| 115°   | 1144.9 | 1291.6 | 1400.4 | 1475.3 | 1519.2 | 1539.2 | 1544.2 |
| 117.5° | 1049.9 | 1181.6 | 1292.0 | 1370.1 | 1420.4 | 1449.2 | 1455.9 |
| 120°   | 997.2  | 1117.0 | 1217.8 | 1296.6 | 1352.5 | 1376.5 | 1382.5 |
| 122.5° | 954.9  | 1065.9 | 1159.5 | 1229.6 | 1279.9 | 1306.2 | 1313.8 |
| 125°   | 902.4  | 998.2  | 1078.0 | 1141.9 | 1185.8 | 1210.8 | 1217.8 |
| 127.5° | 856.2  | 942.7  | 1015.3 | 1072.2 | 1109.8 | 1132.3 | 1138.7 |
| 130°   | 827.5  | 908.3  | 976.2  | 1029.1 | 1065.1 | 1086.0 | 1094.0 |
| 132.5° | 800.3  | 875.6  | 940.3  | 990.0  | 1025.9 | 1044.5 | 1050.1 |
| 135°   | 761.6  | 826.5  | 883.4  | 932.3  | 962.2  | 980.2  | 987.2  |
| 137.5° | 724.3  | 780.2  | 829.5  | 870.6  | 901.0  | 916.1  | 920.7  |
| 140°   | 702.7  | 750.6  | 793.6  | 831.5  | 859.4  | 875.4  | 874.4  |
| 142.5° | 682.0  | 723.5  | 760.8  | 793.2  | 817.9  | 832.3  | 831.3  |
| 145°   | 654.8  | 686.7  | 715.7  | 740.6  | 761.6  | 769.6  | 771.6  |
| 147.5° | 634.6  | 660.4  | 681.0  | 699.9  | 714.1  | 721.7  | 722.5  |
| 150°   | 621.9  | 642.8  | 661.8  | 676.8  | 687.7  | 693.7  | 693.7  |
| 152.5° | 609.9  | 628.5  | 644.2  | 656.0  | 666.2  | 669.8  | 669.8  |
| 155°   | 592.9  | 607.9  | 619.9  | 628.9  | 636.8  | 638.8  | 639.8  |
| 157.5° | 576.3  | 587.9  | 597.3  | 605.1  | 611.1  | 612.7  | 612.5  |
| 160°   | 566.0  | 575.9  | 582.9  | 589.9  | 595.9  | 595.9  | 594.9  |
| 162.5° | 554.8  | 564.0  | 570.2  | 574.8  | 579.9  | 579.9  | 578.9  |
| 165°   | 539.0  | 546.0  | 551.0  | 555.0  | 559.0  | 558.0  | 558.0  |
| 167.5° | 526.8  | 530.8  | 534.4  | 536.2  | 539.0  | 538.0  | 538.0  |
| 170°   | 518.1  | 522.0  | 524.0  | 525.0  | 527.0  | 526.0  | 526.0  |
| 172.5° | 510.9  | 514.1  | 515.3  | 515.5  | 517.5  | 515.7  | 514.9  |
| 175°   | 501.1  | 503.1  | 503.1  | 503.1  | 504.1  | 503.1  | 502.1  |
| 177.5° | 495.5  | 496.3  | 496.3  | 495.5  | 496.3  | 494.7  | 494.7  |
| 180°   | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  | 493.1  |

(END OF REPORT)