

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: P332430-840

Luminaire Tested: **S123RDIW-S775D460U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332430-840  
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: S123RDIW-S775D460U840-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 775 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 460 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4939.2 lumens  
Efficiency: N/A  
Efficacy: 131.0 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: Semi-Direct

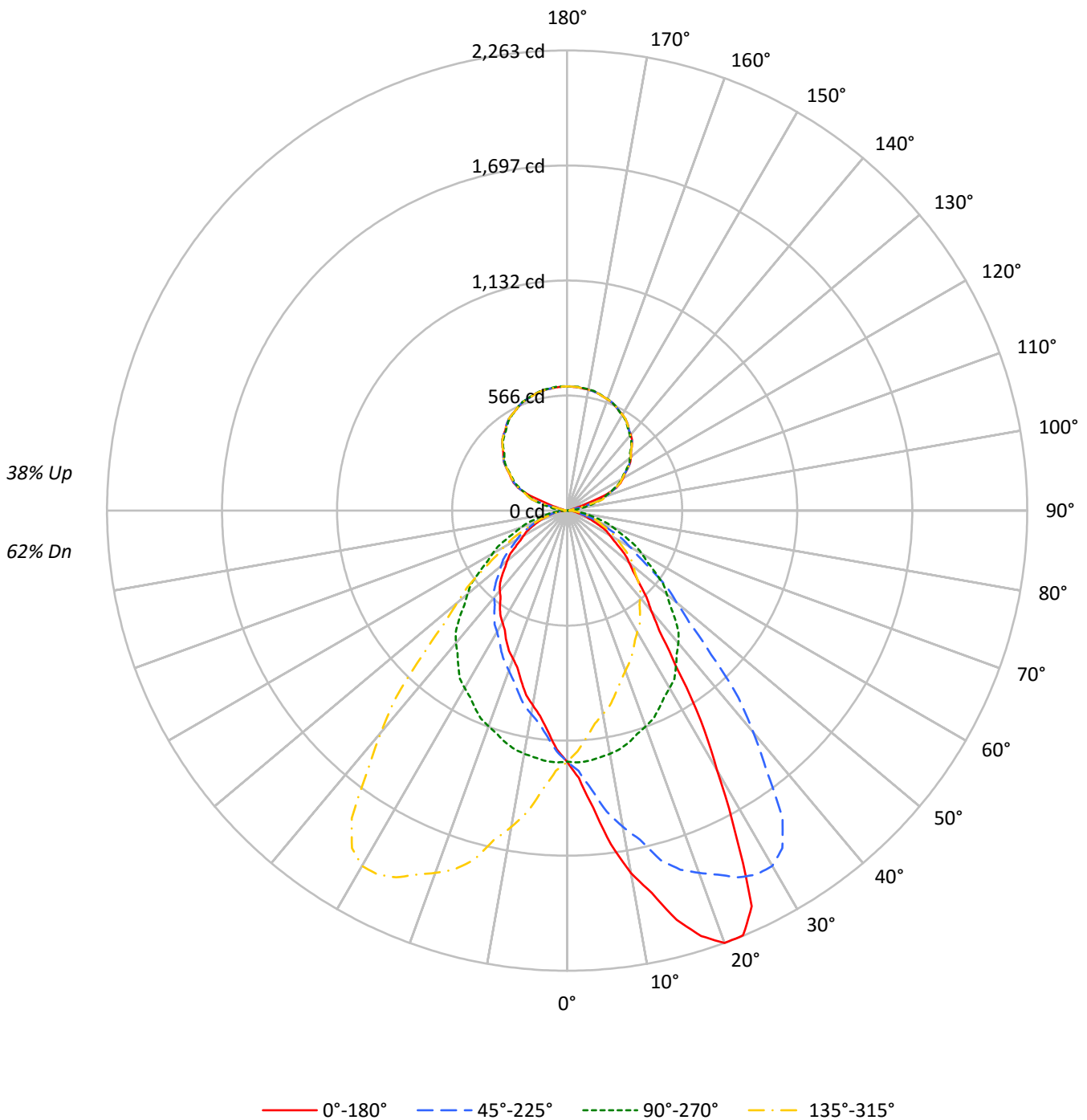
Input Watts (W): 37.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**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   | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 90 | 90 | 90 | 78 | 78 | 78 | 67 | 67 | 67 | 62 |
| 1   | 101 | 97  | 93  | 90  | 95  | 91  | 88  | 85  | 80 | 78 | 76 | 70 | 68 | 67 | 61 | 60 | 58 | 54 |
| 2   | 93  | 86  | 80  | 75  | 87  | 81  | 75  | 71  | 71 | 67 | 64 | 62 | 59 | 57 | 54 | 52 | 50 | 46 |
| 3   | 85  | 76  | 69  | 63  | 80  | 72  | 65  | 60  | 63 | 59 | 55 | 56 | 52 | 49 | 49 | 46 | 44 | 40 |
| 4   | 78  | 68  | 60  | 54  | 73  | 64  | 57  | 52  | 57 | 51 | 47 | 50 | 46 | 43 | 44 | 41 | 38 | 35 |
| 5   | 72  | 61  | 53  | 47  | 68  | 58  | 50  | 45  | 51 | 46 | 41 | 45 | 41 | 37 | 40 | 37 | 34 | 31 |
| 6   | 67  | 55  | 47  | 41  | 63  | 52  | 45  | 40  | 46 | 41 | 36 | 41 | 37 | 33 | 37 | 33 | 30 | 27 |
| 7   | 62  | 50  | 42  | 36  | 58  | 47  | 40  | 35  | 42 | 37 | 32 | 38 | 33 | 30 | 34 | 30 | 27 | 25 |
| 8   | 58  | 45  | 38  | 33  | 54  | 43  | 36  | 31  | 39 | 33 | 29 | 35 | 30 | 27 | 31 | 27 | 24 | 22 |
| 9   | 54  | 42  | 34  | 29  | 51  | 40  | 33  | 28  | 36 | 30 | 26 | 32 | 27 | 24 | 29 | 25 | 22 | 20 |
| 10  | 50  | 38  | 31  | 26  | 47  | 37  | 30  | 26  | 33 | 28 | 24 | 30 | 25 | 22 | 27 | 23 | 20 | 18 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13295 | 13295 | 13295 | 13295 |
| 5°  | 15847 | 13351 | 11757 | 13351 |
| 10° | 19787 | 13274 | 10622 | 13274 |
| 15° | 23226 | 13138 | 9686  | 13138 |
| 20° | 25921 | 12936 | 8891  | 12936 |
| 25° | 25508 | 12722 | 8402  | 12722 |
| 30° | 18334 | 12525 | 7899  | 12525 |
| 35° | 12242 | 12269 | 7573  | 12269 |
| 40° | 9020  | 11960 | 7235  | 11960 |
| 45° | 7566  | 11420 | 6905  | 11420 |
| 50° | 6677  | 10712 | 6445  | 10712 |
| 55° | 5853  | 9903  | 5814  | 9903  |
| 60° | 5214  | 9128  | 5326  | 9128  |
| 65° | 4579  | 8295  | 4956  | 8295  |
| 70° | 3594  | 7553  | 4526  | 7553  |
| 75° | 3165  | 6596  | 4134  | 6596  |
| 80° | 2752  | 5604  | 4060  | 5604  |
| 85° | 2223  | 4508  | 4310  | 4508  |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 121.5  | 2.5       |
| 10°-20°   | 379.5  | 7.7       |
| 20°-30°   | 596.1  | 12.1      |
| 30°-40°   | 621.9  | 12.6      |
| 40°-50°   | 532.3  | 10.8      |
| 50°-60°   | 405.7  | 8.2       |
| 60°-70°   | 260.0  | 5.3       |
| 70°-80°   | 125.1  | 2.5       |
| 80°-90°   | 34.8   | 0.7       |
| 90°-100°  | 22.2   | 0.4       |
| 100°-110° | 105.8  | 2.1       |
| 110°-120° | 254.2  | 5.1       |
| 120°-130° | 323.7  | 6.6       |
| 130°-140° | 345.8  | 7.0       |
| 140°-150° | 323.4  | 6.5       |
| 150°-160° | 260.8  | 5.3       |
| 160°-170° | 168.4  | 3.4       |
| 170°-180° | 58.0   | 1.2       |
| 0°-30°    | 1097.0 | 22.2      |
| 0°-40°    | 1719.0 | 34.8      |
| 0°-60°    | 2656.9 | 53.8      |
| 0°-90°    | 3076.8 | 62.3      |
| 90°-120°  | 382.2  | 7.7       |
| 90°-150°  | 1375.1 | 27.8      |
| 90°-180°  | 1862.0 | 37.7      |
| 0°-180°   | 4939.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1235 | 1235 | 1235 | 1235 | 1235 |      |
| 5°   | 1467 | 1236 | 1088 | 1236 | 1467 | 151  |
| 15°  | 2084 | 1179 | 869  | 1179 | 2084 | 591  |
| 25°  | 2148 | 1071 | 707  | 1071 | 2148 | 923  |
| 35°  | 932  | 934  | 576  | 934  | 932  | 611  |
| 45°  | 497  | 750  | 454  | 750  | 497  | 391  |
| 55°  | 312  | 528  | 310  | 528  | 312  | 282  |
| 65°  | 180  | 326  | 195  | 326  | 180  | 177  |
| 75°  | 76   | 159  | 99   | 159  | 76   | 82   |
| 85°  | 18   | 36   | 35   | 36   | 18   | 21   |
| 90°  | 14   | 0    | 14   | 0    | 14   | 7    |
| 95°  | 17   | 28   | 17   | 28   | 17   | 14   |
| 105° | 20   | 135  | 20   | 135  | 20   | 46   |
| 115° | 267  | 254  | 267  | 254  | 267  | 247  |
| 125° | 365  | 358  | 365  | 358  | 365  | 326  |
| 135° | 450  | 445  | 450  | 445  | 450  | 347  |
| 145° | 519  | 514  | 519  | 514  | 519  | 324  |
| 155° | 565  | 566  | 565  | 566  | 565  | 260  |
| 165° | 595  | 597  | 595  | 597  | 595  | 168  |
| 175° | 608  | 611  | 608  | 611  | 608  | 58   |
| 180° | 611  | 611  | 611  | 611  | 611  |      |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 |
| 2.5°   | 1315.5 | 1317.2 | 1311.6 | 1310.8 | 1304.4 | 1302.7 | 1302.7 | 1293.8 | 1288.4 | 1281.2 | 1277.0 |
| 5°     | 1466.6 | 1475.1 | 1470.9 | 1461.4 | 1445.5 | 1441.8 | 1431.8 | 1415.9 | 1398.0 | 1375.7 | 1365.1 |
| 7.5°   | 1655.5 | 1667.1 | 1662.6 | 1647.9 | 1631.3 | 1617.9 | 1589.5 | 1563.2 | 1526.3 | 1493.9 | 1466.2 |
| 10°    | 1810.3 | 1798.2 | 1788.7 | 1774.3 | 1759.1 | 1734.1 | 1704.6 | 1663.9 | 1616.8 | 1579.8 | 1538.5 |
| 12.5°  | 1926.2 | 1924.2 | 1912.2 | 1897.4 | 1875.8 | 1852.2 | 1815.8 | 1766.3 | 1711.5 | 1658.1 | 1610.9 |
| 15°    | 2084.2 | 2087.4 | 2079.4 | 2064.1 | 2033.5 | 1991.7 | 1936.7 | 1916.0 | 1837.9 | 1779.7 | 1721.5 |
| 17.5°  | 2193.5 | 2192.9 | 2191.8 | 2170.6 | 2139.3 | 2109.6 | 2058.6 | 2004.4 | 1933.5 | 1851.6 | 1773.2 |
| 20°    | 2262.9 | 2257.7 | 2258.7 | 2234.8 | 2211.6 | 2177.3 | 2127.6 | 2048.8 | 1990.6 | 1896.0 | 1815.0 |
| 22.5°  | 2261.2 | 2260.2 | 2264.2 | 2256.0 | 2239.1 | 2212.8 | 2173.6 | 2107.2 | 2033.0 | 1937.4 | 1846.3 |
| 25°    | 2147.7 | 2143.4 | 2168.3 | 2175.1 | 2202.1 | 2206.9 | 2195.2 | 2158.8 | 2088.4 | 1990.0 | 1877.4 |
| 27.5°  | 1797.5 | 1795.1 | 1841.2 | 1899.0 | 1972.1 | 2029.0 | 2084.0 | 2110.5 | 2088.4 | 2018.0 | 1905.2 |
| 30°    | 1475.1 | 1524.8 | 1548.1 | 1631.6 | 1724.6 | 1835.7 | 1933.0 | 2025.5 | 2048.2 | 2017.6 | 1925.0 |
| 32.5°  | 1224.8 | 1268.1 | 1287.5 | 1359.2 | 1445.9 | 1576.0 | 1721.9 | 1852.9 | 1945.5 | 1968.9 | 1913.2 |
| 35°    | 931.6  | 932.1  | 976.5  | 1008.2 | 1088.6 | 1222.3 | 1364.1 | 1539.6 | 1714.0 | 1846.2 | 1860.0 |
| 37.5°  | 743.4  | 746.0  | 772.8  | 804.5  | 864.7  | 935.5  | 1060.3 | 1206.2 | 1407.8 | 1610.6 | 1729.6 |
| 40°    | 641.9  | 646.6  | 666.7  | 697.9  | 741.2  | 794.7  | 891.9  | 1029.5 | 1197.5 | 1423.3 | 1607.8 |
| 42.5°  | 576.7  | 584.4  | 594.8  | 618.8  | 645.7  | 695.7  | 774.4  | 880.5  | 1033.4 | 1246.9 | 1459.8 |
| 45°    | 497.0  | 501.2  | 509.2  | 520.3  | 544.6  | 579.5  | 632.4  | 703.7  | 830.6  | 1002.5 | 1215.5 |
| 47.5°  | 438.4  | 436.2  | 444.5  | 453.5  | 469.7  | 493.5  | 529.0  | 587.2  | 677.7  | 815.6  | 996.3  |
| 50°    | 398.7  | 398.1  | 403.9  | 410.8  | 426.2  | 443.6  | 472.7  | 516.5  | 588.4  | 702.7  | 868.2  |
| 52.5°  | 361.4  | 363.5  | 367.6  | 376.2  | 387.2  | 401.3  | 427.4  | 459.0  | 520.8  | 619.4  | 757.3  |
| 55°    | 311.9  | 313.6  | 319.3  | 324.1  | 332.0  | 346.3  | 362.7  | 389.1  | 431.4  | 500.2  | 613.8  |
| 57.5°  | 270.0  | 269.3  | 274.9  | 276.1  | 285.1  | 296.7  | 309.4  | 329.9  | 360.6  | 411.6  | 488.2  |
| 60°    | 242.2  | 240.5  | 245.3  | 249.0  | 253.8  | 263.3  | 273.9  | 294.0  | 318.3  | 355.8  | 421.4  |
| 62.5°  | 216.8  | 216.0  | 219.5  | 223.2  | 227.1  | 235.8  | 244.7  | 260.1  | 279.3  | 311.0  | 363.0  |
| 65°    | 179.8  | 181.4  | 182.9  | 184.5  | 186.6  | 191.9  | 200.4  | 211.0  | 224.2  | 246.4  | 283.9  |
| 67.5°  | 141.3  | 142.9  | 143.4  | 146.6  | 151.2  | 154.5  | 159.7  | 169.1  | 178.2  | 197.0  | 218.3  |
| 70°    | 114.2  | 113.7  | 114.2  | 115.8  | 121.6  | 127.4  | 134.3  | 141.2  | 146.9  | 160.2  | 178.1  |
| 72.5°  | 98.2   | 97.1   | 98.6   | 98.9   | 101.7  | 103.3  | 107.7  | 114.1  | 121.6  | 130.6  | 143.5  |
| 75°    | 76.1   | 76.1   | 76.1   | 76.1   | 78.3   | 79.3   | 80.9   | 82.5   | 85.1   | 89.4   | 98.9   |
| 77.5°  | 56.2   | 56.4   | 57.1   | 57.7   | 58.1   | 58.7   | 59.7   | 61.2   | 62.2   | 64.4   | 68.6   |
| 80°    | 44.4   | 44.9   | 44.4   | 44.9   | 44.9   | 45.9   | 46.6   | 48.1   | 48.7   | 51.3   | 52.9   |
| 82.5°  | 33.4   | 33.1   | 33.4   | 33.9   | 33.9   | 35.0   | 35.1   | 36.3   | 36.4   | 37.8   | 39.4   |
| 85°    | 18.0   | 17.0   | 18.0   | 17.5   | 18.5   | 17.5   | 18.0   | 19.0   | 19.0   | 19.6   | 21.7   |
| 87.5°  | 7.0    | 7.8    | 6.9    | 7.3    | 7.2    | 7.6    | 7.5    | 7.4    | 8.2    | 7.7    | 7.9    |
| 90°    | 13.6   | 13.4   | 13.2   | 13.0   | 12.8   | 12.5   | 12.1   | 11.7   | 11.3   | 10.9   | 9.6    |
| 92.5°  | 15.0   | 14.9   | 14.8   | 14.7   | 14.5   | 14.2   | 13.5   | 12.9   | 12.2   | 11.6   | 10.6   |
| 95°    | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 16.9   | 16.2   | 15.5   | 14.7   | 14.0   | 12.9   |
| 97.5°  | 18.7   | 18.6   | 18.5   | 18.4   | 18.3   | 17.9   | 17.1   | 16.3   | 15.5   | 14.6   | 21.9   |
| 100°   | 19.1   | 19.0   | 18.9   | 18.8   | 18.7   | 18.2   | 17.4   | 16.6   | 15.8   | 14.9   | 30.7   |
| 102.5° | 19.4   | 19.2   | 19.1   | 18.9   | 18.7   | 19.9   | 22.3   | 24.8   | 27.4   | 29.9   | 47.1   |
| 105°   | 20.0   | 19.8   | 19.6   | 19.4   | 19.2   | 28.0   | 45.8   | 63.6   | 81.5   | 99.4   | 108.5  |
| 107.5° | 62.7   | 76.1   | 89.6   | 103.0  | 116.5  | 129.8  | 142.9  | 155.9  | 169.1  | 182.1  | 180.7  |
| 110°   | 124.8  | 139.2  | 153.6  | 168.0  | 182.5  | 191.3  | 194.6  | 197.9  | 201.3  | 204.6  | 203.5  |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 214.1 | 217.1 | 220.2 | 223.2 | 226.2 | 227.7 | 227.6 | 227.6 | 227.5 | 227.5 | 226.4 |
| 115°   | 266.8 | 266.4 | 266.0 | 265.6 | 265.2 | 264.5 | 263.5 | 262.5 | 261.5 | 260.4 | 259.5 |
| 117.5° | 296.4 | 296.3 | 296.2 | 296.1 | 296.0 | 295.6 | 294.8 | 294.0 | 293.2 | 292.4 | 292.0 |
| 120°   | 316.7 | 316.7 | 316.7 | 316.7 | 316.7 | 316.3 | 315.5 | 314.7 | 313.9 | 313.1 | 312.8 |
| 122.5° | 336.7 | 336.6 | 336.5 | 336.4 | 336.3 | 336.0 | 335.5 | 334.9 | 334.3 | 333.8 | 333.4 |
| 125°   | 364.8 | 364.6 | 364.4 | 364.2 | 364.0 | 363.8 | 363.6 | 363.3 | 363.1 | 362.9 | 362.5 |
| 127.5° | 391.8 | 392.0 | 392.2 | 392.4 | 392.6 | 392.5 | 392.2 | 391.9 | 391.6 | 391.3 | 390.8 |
| 130°   | 409.2 | 409.4 | 409.6 | 409.8 | 410.0 | 409.9 | 409.5 | 409.1 | 408.7 | 408.3 | 408.0 |
| 132.5° | 425.3 | 425.5 | 425.8 | 426.1 | 426.4 | 426.3 | 425.9 | 425.5 | 425.1 | 424.6 | 424.3 |
| 135°   | 449.6 | 449.9 | 450.2 | 450.5 | 450.8 | 450.8 | 450.5 | 450.2 | 449.9 | 449.6 | 449.2 |
| 137.5° | 472.6 | 472.8 | 473.0 | 473.2 | 473.4 | 473.2 | 472.7 | 472.3 | 471.8 | 471.3 | 471.1 |
| 140°   | 486.4 | 486.6 | 486.8 | 487.0 | 487.2 | 487.1 | 486.7 | 486.3 | 485.8 | 485.4 | 485.1 |
| 142.5° | 499.1 | 499.4 | 499.7 | 499.9 | 500.2 | 500.2 | 499.9 | 499.6 | 499.2 | 498.9 | 498.6 |
| 145°   | 518.6 | 518.6 | 518.6 | 518.6 | 518.6 | 518.5 | 518.3 | 518.1 | 517.9 | 517.7 | 517.5 |
| 147.5° | 533.1 | 533.6 | 534.0 | 534.5 | 534.9 | 535.1 | 534.9 | 534.7 | 534.5 | 534.3 | 534.1 |
| 150°   | 544.0 | 544.3 | 544.6 | 544.9 | 545.2 | 545.2 | 545.0 | 544.8 | 544.6 | 544.4 | 544.2 |
| 152.5° | 552.7 | 553.2 | 553.6 | 554.1 | 554.5 | 554.6 | 554.2 | 553.9 | 553.5 | 553.2 | 553.0 |
| 155°   | 564.9 | 565.4 | 566.0 | 566.6 | 567.2 | 567.3 | 566.8 | 566.3 | 565.8 | 565.3 | 565.2 |
| 157.5° | 575.1 | 575.9 | 576.7 | 577.4 | 578.2 | 578.3 | 577.7 | 577.1 | 576.5 | 575.9 | 576.0 |
| 160°   | 581.7 | 582.4 | 583.1 | 583.8 | 584.5 | 584.5 | 583.9 | 583.3 | 582.7 | 582.1 | 582.2 |
| 162.5° | 587.8 | 588.4 | 589.1 | 589.7 | 590.4 | 590.3 | 589.7 | 589.0 | 588.2 | 587.5 | 587.6 |
| 165°   | 595.3 | 596.0 | 596.7 | 597.3 | 598.0 | 598.0 | 597.2 | 596.4 | 595.6 | 594.8 | 594.9 |
| 167.5° | 600.7 | 601.5 | 602.3 | 603.0 | 603.8 | 603.8 | 603.0 | 602.3 | 601.5 | 600.7 | 600.7 |
| 170°   | 603.9 | 604.7 | 605.5 | 606.3 | 607.1 | 607.1 | 606.3 | 605.5 | 604.7 | 603.9 | 603.9 |
| 172.5° | 605.7 | 606.6 | 607.4 | 608.3 | 609.3 | 609.3 | 608.4 | 607.6 | 606.8 | 606.0 | 606.0 |
| 175°   | 608.4 | 609.3 | 610.1 | 610.9 | 611.7 | 611.7 | 611.0 | 610.3 | 609.6 | 608.8 | 608.7 |
| 177.5° | 609.3 | 610.1 | 610.9 | 611.7 | 612.5 | 612.6 | 611.9 | 611.3 | 610.6 | 610.0 | 609.9 |
| 180°   | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 |
| 2.5°   | 1275.3 | 1273.9 | 1268.1 | 1261.3 | 1252.4 | 1246.5 | 1241.8 | 1239.3 | 1231.7 | 1222.3 | 1216.1 |
| 5°     | 1354.0 | 1338.2 | 1321.3 | 1300.6 | 1281.6 | 1262.0 | 1249.9 | 1235.6 | 1218.2 | 1198.6 | 1184.9 |
| 7.5°   | 1438.5 | 1407.3 | 1373.8 | 1339.3 | 1305.0 | 1274.4 | 1247.4 | 1224.2 | 1196.4 | 1168.3 | 1148.7 |
| 10°    | 1503.2 | 1457.6 | 1410.6 | 1362.5 | 1318.6 | 1277.4 | 1245.7 | 1214.5 | 1181.1 | 1148.9 | 1124.6 |
| 12.5°  | 1562.0 | 1502.1 | 1447.8 | 1388.8 | 1332.6 | 1283.3 | 1237.6 | 1200.9 | 1160.8 | 1126.5 | 1098.7 |
| 15°    | 1636.4 | 1575.1 | 1509.4 | 1419.6 | 1345.0 | 1282.6 | 1227.2 | 1179.0 | 1130.4 | 1088.1 | 1061.2 |
| 17.5°  | 1706.0 | 1613.7 | 1525.6 | 1450.6 | 1353.7 | 1275.8 | 1208.0 | 1150.4 | 1097.1 | 1052.3 | 1019.1 |
| 20°    | 1734.7 | 1645.4 | 1549.6 | 1454.0 | 1358.8 | 1271.5 | 1192.8 | 1129.3 | 1073.8 | 1023.1 | 992.4  |
| 22.5°  | 1752.0 | 1650.8 | 1550.0 | 1447.2 | 1346.2 | 1255.5 | 1177.6 | 1107.7 | 1047.6 | 999.4  | 961.5  |
| 25°    | 1772.2 | 1651.7 | 1540.7 | 1439.2 | 1336.1 | 1237.7 | 1145.2 | 1071.2 | 1006.1 | 954.8  | 914.6  |
| 27.5°  | 1785.5 | 1643.8 | 1512.6 | 1399.7 | 1295.2 | 1197.2 | 1112.4 | 1034.0 | 968.0  | 913.7  | 870.6  |
| 30°    | 1788.1 | 1637.4 | 1491.0 | 1368.9 | 1262.5 | 1172.7 | 1082.8 | 1007.7 | 938.0  | 880.3  | 840.1  |
| 32.5°  | 1791.5 | 1621.7 | 1461.8 | 1332.0 | 1223.2 | 1134.2 | 1052.8 | 981.1  | 909.6  | 852.8  | 811.8  |
| 35°    | 1777.6 | 1613.2 | 1417.4 | 1268.4 | 1159.4 | 1073.3 | 999.8  | 933.7  | 863.4  | 808.4  | 766.6  |
| 37.5°  | 1717.5 | 1578.7 | 1371.6 | 1196.7 | 1082.8 | 1003.0 | 943.1  | 885.4  | 821.0  | 761.6  | 722.4  |
| 40°    | 1657.0 | 1544.9 | 1336.1 | 1153.2 | 1034.2 | 952.2  | 898.3  | 851.2  | 788.8  | 733.4  | 691.1  |
| 42.5°  | 1566.9 | 1498.8 | 1302.2 | 1107.4 | 979.2  | 900.2  | 854.7  | 810.6  | 755.9  | 699.5  | 659.7  |
| 45°    | 1401.6 | 1410.6 | 1232.9 | 1034.7 | 903.0  | 823.7  | 780.9  | 750.2  | 701.7  | 655.1  | 614.4  |
| 47.5°  | 1194.4 | 1278.4 | 1151.7 | 957.2  | 822.7  | 748.3  | 710.9  | 684.2  | 651.4  | 605.7  | 568.6  |
| 50°    | 1059.0 | 1179.0 | 1086.5 | 905.1  | 772.4  | 698.4  | 661.5  | 639.7  | 611.2  | 575.2  | 539.8  |
| 52.5°  | 934.2  | 1063.2 | 1007.8 | 847.2  | 717.9  | 650.3  | 614.1  | 596.2  | 573.5  | 539.7  | 507.7  |
| 55°    | 761.8  | 892.5  | 879.8  | 759.7  | 636.0  | 575.2  | 547.8  | 527.7  | 512.3  | 487.0  | 461.6  |
| 57.5°  | 616.3  | 740.1  | 746.7  | 662.5  | 563.9  | 503.8  | 480.2  | 465.0  | 455.0  | 435.9  | 412.4  |
| 60°    | 524.5  | 638.1  | 660.4  | 596.9  | 512.3  | 459.5  | 436.2  | 424.0  | 416.1  | 400.8  | 382.8  |
| 62.5°  | 448.4  | 545.1  | 570.3  | 524.6  | 462.8  | 413.3  | 395.2  | 383.4  | 378.0  | 364.8  | 348.9  |
| 65°    | 343.2  | 423.5  | 447.8  | 422.4  | 390.2  | 350.5  | 335.8  | 325.7  | 320.9  | 313.6  | 301.8  |
| 67.5°  | 258.0  | 316.6  | 343.3  | 325.4  | 313.8  | 288.7  | 279.2  | 273.9  | 269.6  | 264.6  | 254.9  |
| 70°    | 207.2  | 250.6  | 278.1  | 273.4  | 263.9  | 250.6  | 243.8  | 240.0  | 235.8  | 231.6  | 223.1  |
| 72.5°  | 166.6  | 196.5  | 222.3  | 224.7  | 216.9  | 214.2  | 208.2  | 206.6  | 204.1  | 199.0  | 194.4  |
| 75°    | 110.5  | 131.1  | 149.1  | 155.9  | 159.2  | 161.8  | 159.2  | 158.6  | 158.0  | 153.9  | 151.2  |
| 77.5°  | 72.4   | 83.5   | 94.8   | 106.5  | 111.6  | 115.1  | 116.0  | 118.0  | 116.5  | 114.3  | 113.0  |
| 80°    | 55.5   | 58.2   | 66.0   | 76.1   | 84.0   | 87.3   | 89.4   | 90.4   | 89.9   | 89.4   | 87.3   |
| 82.5°  | 40.3   | 42.5   | 46.3   | 53.3   | 60.0   | 65.2   | 66.6   | 66.3   | 67.5   | 67.8   | 66.0   |
| 85°    | 21.7   | 22.2   | 23.2   | 24.3   | 28.0   | 33.8   | 35.4   | 36.5   | 37.6   | 37.6   | 34.3   |
| 87.5°  | 8.4    | 7.8    | 8.3    | 8.1    | 9.2    | 9.4    | 11.7   | 13.6   | 14.2   | 12.7   | 12.9   |
| 90°    | 8.3    | 7.0    | 5.7    | 4.4    | 3.4    | 2.4    | 1.4    | 0.4    | 1.4    | 2.4    | 3.4    |
| 92.5°  | 9.6    | 8.7    | 7.7    | 7.3    | 7.6    | 7.9    | 8.2    | 8.5    | 8.2    | 7.9    | 7.6    |
| 95°    | 11.8   | 10.7   | 9.6    | 11.1   | 15.2   | 19.4   | 23.5   | 27.7   | 23.5   | 19.4   | 15.2   |
| 97.5°  | 29.1   | 36.4   | 43.6   | 48.2   | 50.1   | 51.9   | 53.7   | 55.6   | 53.7   | 51.9   | 50.1   |
| 100°   | 46.5   | 62.2   | 77.9   | 84.7   | 82.7   | 80.7   | 78.7   | 76.6   | 78.7   | 80.7   | 82.7   |
| 102.5° | 64.2   | 81.4   | 98.6   | 106.4  | 105.0  | 103.5  | 102.1  | 100.6  | 102.1  | 103.5  | 105.0  |
| 105°   | 117.5  | 126.5  | 135.6  | 139.7  | 138.6  | 137.4  | 136.3  | 135.2  | 136.3  | 137.4  | 138.6  |
| 107.5° | 179.3  | 177.8  | 176.4  | 175.2  | 174.3  | 173.5  | 172.6  | 171.7  | 172.6  | 173.5  | 174.3  |
| 110°   | 202.4  | 201.3  | 200.2  | 199.2  | 198.4  | 197.6  | 196.8  | 196.0  | 196.8  | 197.6  | 198.4  |





TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.3 | 224.2 | 223.1 | 222.2 | 221.4 | 220.7 | 219.9 | 219.2 | 219.9 | 220.7 | 221.4 |
| 115°   | 258.6 | 257.7 | 256.8 | 256.0 | 255.4 | 254.8 | 254.2 | 253.6 | 254.2 | 254.8 | 255.4 |
| 117.5° | 291.4 | 290.9 | 290.5 | 289.9 | 289.1 | 288.4 | 287.7 | 286.9 | 287.7 | 288.4 | 289.1 |
| 120°   | 312.5 | 312.1 | 311.8 | 311.2 | 310.3 | 309.4 | 308.5 | 307.6 | 308.5 | 309.4 | 310.3 |
| 122.5° | 333.0 | 332.6 | 332.2 | 331.6 | 330.9 | 330.1 | 329.4 | 328.7 | 329.4 | 330.1 | 330.9 |
| 125°   | 362.1 | 361.7 | 361.3 | 360.7 | 359.9 | 359.1 | 358.3 | 357.5 | 358.3 | 359.1 | 359.9 |
| 127.5° | 390.3 | 389.8 | 389.3 | 388.7 | 387.9 | 387.1 | 386.3 | 385.5 | 386.3 | 387.1 | 387.9 |
| 130°   | 407.6 | 407.2 | 406.8 | 406.2 | 405.4 | 404.6 | 403.7 | 402.9 | 403.7 | 404.6 | 405.4 |
| 132.5° | 424.0 | 423.7 | 423.3 | 422.8 | 422.0 | 421.2 | 420.4 | 419.6 | 420.4 | 421.2 | 422.0 |
| 135°   | 448.8 | 448.4 | 448.0 | 447.5 | 446.9 | 446.3 | 445.7 | 445.0 | 445.7 | 446.3 | 446.9 |
| 137.5° | 470.9 | 470.7 | 470.4 | 469.9 | 469.2 | 468.4 | 467.7 | 466.9 | 467.7 | 468.4 | 469.2 |
| 140°   | 484.8 | 484.5 | 484.2 | 483.8 | 483.2 | 482.6 | 482.0 | 481.4 | 482.0 | 482.6 | 483.2 |
| 142.5° | 498.3 | 498.0 | 497.7 | 497.3 | 496.7 | 496.0 | 495.4 | 494.8 | 495.4 | 496.0 | 496.7 |
| 145°   | 517.3 | 517.1 | 516.8 | 516.4 | 515.7 | 515.0 | 514.3 | 513.6 | 514.3 | 515.0 | 515.7 |
| 147.5° | 533.9 | 533.7 | 533.5 | 533.1 | 532.7 | 532.2 | 531.8 | 531.3 | 531.8 | 532.2 | 532.7 |
| 150°   | 544.0 | 543.8 | 543.6 | 543.4 | 543.1 | 542.8 | 542.5 | 542.2 | 542.5 | 542.8 | 543.1 |
| 152.5° | 552.9 | 552.8 | 552.7 | 552.6 | 552.4 | 552.3 | 552.1 | 552.0 | 552.1 | 552.3 | 552.4 |
| 155°   | 565.1 | 565.0 | 564.9 | 565.0 | 565.2 | 565.3 | 565.5 | 565.7 | 565.5 | 565.3 | 565.2 |
| 157.5° | 576.1 | 576.2 | 576.3 | 576.4 | 576.4 | 576.4 | 576.4 | 576.5 | 576.4 | 576.4 | 576.4 |
| 160°   | 582.3 | 582.4 | 582.5 | 582.6 | 582.7 | 582.8 | 582.9 | 583.0 | 582.9 | 582.8 | 582.7 |
| 162.5° | 587.7 | 587.8 | 587.9 | 588.1 | 588.4 | 588.7 | 589.0 | 589.2 | 589.0 | 588.7 | 588.4 |
| 165°   | 595.0 | 595.1 | 595.2 | 595.4 | 595.7 | 596.0 | 596.3 | 596.6 | 596.3 | 596.0 | 595.7 |
| 167.5° | 600.7 | 600.7 | 600.7 | 600.9 | 601.3 | 601.7 | 602.1 | 602.5 | 602.1 | 601.7 | 601.3 |
| 170°   | 603.9 | 603.9 | 603.9 | 604.1 | 604.5 | 604.9 | 605.3 | 605.7 | 605.3 | 604.9 | 604.5 |
| 172.5° | 605.9 | 605.8 | 605.7 | 605.9 | 606.4 | 606.9 | 607.4 | 607.8 | 607.4 | 606.9 | 606.4 |
| 175°   | 608.6 | 608.5 | 608.4 | 608.6 | 609.2 | 609.7 | 610.2 | 610.7 | 610.2 | 609.7 | 609.2 |
| 177.5° | 609.8 | 609.8 | 609.7 | 609.8 | 610.2 | 610.6 | 611.0 | 611.4 | 611.0 | 610.6 | 610.2 |
| 180°   | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 |
| 2.5°   | 1214.0 | 1208.4 | 1204.7 | 1196.2 | 1190.6 | 1184.8 | 1178.8 | 1182.7 | 1182.2 | 1181.7 | 1181.7 |
| 5°     | 1173.3 | 1161.0 | 1149.9 | 1135.7 | 1126.7 | 1115.6 | 1107.1 | 1106.1 | 1108.2 | 1100.8 | 1096.5 |
| 7.5°   | 1132.9 | 1116.2 | 1100.4 | 1084.7 | 1068.0 | 1054.7 | 1046.3 | 1042.4 | 1037.0 | 1032.5 | 1027.7 |
| 10°    | 1104.5 | 1084.9 | 1069.5 | 1050.1 | 1032.1 | 1016.2 | 1006.1 | 999.3  | 995.5  | 991.9  | 985.0  |
| 12.5°  | 1075.3 | 1056.1 | 1036.6 | 1014.5 | 997.3  | 979.0  | 971.5  | 963.7  | 956.6  | 952.5  | 943.1  |
| 15°    | 1032.6 | 1007.7 | 987.1  | 963.8  | 944.8  | 926.9  | 916.3  | 900.9  | 898.8  | 893.5  | 884.0  |
| 17.5°  | 989.8  | 962.8  | 934.3  | 917.2  | 895.6  | 877.0  | 860.8  | 855.7  | 840.5  | 834.9  | 826.6  |
| 20°    | 955.9  | 931.1  | 909.4  | 886.7  | 855.5  | 838.0  | 825.4  | 818.5  | 806.3  | 798.9  | 793.6  |
| 22.5°  | 926.8  | 901.5  | 876.4  | 849.9  | 824.2  | 804.6  | 795.3  | 784.6  | 778.0  | 767.6  | 761.8  |
| 25°    | 885.0  | 857.6  | 827.5  | 798.9  | 780.4  | 765.6  | 750.7  | 741.2  | 731.7  | 727.0  | 716.4  |
| 27.5°  | 836.7  | 807.9  | 779.7  | 758.1  | 735.4  | 720.7  | 707.3  | 698.8  | 687.4  | 679.4  | 673.6  |
| 30°    | 810.0  | 776.2  | 751.8  | 732.3  | 703.2  | 689.4  | 679.4  | 668.8  | 660.4  | 651.9  | 646.1  |
| 32.5°  | 779.1  | 748.2  | 725.2  | 700.9  | 678.6  | 663.7  | 650.7  | 641.4  | 634.1  | 626.1  | 620.3  |
| 35°    | 730.6  | 704.8  | 681.0  | 656.6  | 640.3  | 624.9  | 609.7  | 601.7  | 594.8  | 587.4  | 582.1  |
| 37.5°  | 686.9  | 662.7  | 640.1  | 617.0  | 596.7  | 584.2  | 571.9  | 565.8  | 556.5  | 551.6  | 546.1  |
| 40°    | 659.8  | 636.0  | 611.7  | 589.6  | 568.4  | 558.9  | 547.8  | 538.8  | 530.3  | 526.6  | 520.8  |
| 42.5°  | 630.3  | 606.4  | 585.9  | 562.0  | 544.7  | 531.8  | 521.5  | 511.7  | 505.3  | 500.0  | 496.7  |
| 45°    | 586.3  | 565.2  | 545.1  | 521.3  | 504.9  | 493.8  | 482.2  | 473.2  | 467.4  | 463.7  | 457.9  |
| 47.5°  | 543.7  | 522.6  | 502.2  | 481.4  | 465.5  | 452.9  | 441.3  | 435.0  | 427.3  | 422.7  | 418.9  |
| 50°    | 512.8  | 493.8  | 472.1  | 453.1  | 437.3  | 424.5  | 415.1  | 407.1  | 400.2  | 394.5  | 391.8  |
| 52.5°  | 484.5  | 464.2  | 445.5  | 427.8  | 411.0  | 396.7  | 388.0  | 379.6  | 374.5  | 367.8  | 364.7  |
| 55°    | 437.8  | 418.2  | 402.3  | 384.9  | 368.5  | 356.4  | 345.8  | 338.4  | 333.1  | 325.7  | 321.4  |
| 57.5°  | 393.8  | 376.4  | 357.4  | 342.2  | 325.4  | 315.1  | 306.3  | 296.3  | 289.8  | 284.1  | 279.9  |
| 60°    | 364.3  | 344.2  | 327.8  | 313.6  | 298.7  | 285.5  | 277.6  | 269.6  | 262.8  | 256.9  | 253.3  |
| 62.5°  | 333.5  | 315.9  | 300.3  | 284.8  | 271.2  | 259.7  | 250.5  | 243.9  | 237.8  | 234.1  | 230.5  |
| 65°    | 286.0  | 272.3  | 256.4  | 243.8  | 231.1  | 222.6  | 215.2  | 209.3  | 205.1  | 202.5  | 199.3  |
| 67.5°  | 242.5  | 229.1  | 215.3  | 202.8  | 194.4  | 187.9  | 183.1  | 178.0  | 175.9  | 172.6  | 170.5  |
| 70°    | 214.1  | 200.4  | 188.2  | 178.7  | 170.3  | 165.5  | 162.3  | 158.6  | 156.5  | 152.3  | 150.2  |
| 72.5°  | 183.3  | 173.3  | 164.5  | 156.7  | 150.0  | 145.6  | 141.6  | 137.0  | 133.7  | 129.0  | 126.9  |
| 75°    | 144.3  | 135.3  | 128.5  | 123.2  | 119.0  | 113.1  | 107.3  | 102.6  | 101.0  | 99.4   | 98.9   |
| 77.5°  | 106.9  | 101.2  | 96.2   | 91.8   | 86.5   | 82.3   | 81.0   | 80.0   | 79.6   | 78.8   | 78.8   |
| 80°    | 84.0   | 78.8   | 75.0   | 69.8   | 66.7   | 66.7   | 66.7   | 65.5   | 66.0   | 66.0   | 66.0   |
| 82.5°  | 62.5   | 57.7   | 55.6   | 53.7   | 53.1   | 53.5   | 53.5   | 53.7   | 53.4   | 54.2   | 53.8   |
| 85°    | 32.2   | 32.8   | 33.8   | 33.3   | 33.8   | 33.8   | 34.9   | 34.3   | 34.9   | 33.8   | 34.9   |
| 87.5°  | 12.7   | 14.2   | 14.9   | 15.7   | 16.3   | 16.2   | 16.7   | 16.8   | 17.3   | 17.3   | 17.4   |
| 90°    | 4.4    | 5.7    | 7.0    | 8.3    | 9.6    | 10.9   | 11.3   | 11.7   | 12.1   | 12.5   | 12.8   |
| 92.5°  | 7.3    | 7.7    | 8.7    | 9.6    | 10.6   | 11.6   | 12.2   | 12.9   | 13.5   | 14.2   | 14.5   |
| 95°    | 11.1   | 9.6    | 10.7   | 11.8   | 12.9   | 14.0   | 14.7   | 15.5   | 16.2   | 16.9   | 17.3   |
| 97.5°  | 48.2   | 43.6   | 36.4   | 29.1   | 21.9   | 14.6   | 15.5   | 16.3   | 17.1   | 17.9   | 18.3   |
| 100°   | 84.7   | 77.9   | 62.2   | 46.5   | 30.7   | 14.9   | 15.8   | 16.6   | 17.4   | 18.2   | 18.7   |
| 102.5° | 106.4  | 98.6   | 81.4   | 64.2   | 47.1   | 29.9   | 27.4   | 24.8   | 22.3   | 19.9   | 18.7   |
| 105°   | 139.7  | 135.6  | 126.5  | 117.5  | 108.5  | 99.4   | 81.5   | 63.6   | 45.8   | 28.0   | 19.2   |
| 107.5° | 175.2  | 176.4  | 177.8  | 179.3  | 180.7  | 182.1  | 169.1  | 155.9  | 142.9  | 129.8  | 116.5  |
| 110°   | 199.2  | 200.2  | 201.3  | 202.4  | 203.5  | 204.6  | 201.3  | 197.9  | 194.6  | 191.3  | 182.5  |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 222.2 | 223.1 | 224.2 | 225.3 | 226.4 | 227.5 | 227.5 | 227.6 | 227.6 | 227.7 | 226.2 |
| 115°   | 256.0 | 256.8 | 257.7 | 258.6 | 259.5 | 260.4 | 261.5 | 262.5 | 263.5 | 264.5 | 265.2 |
| 117.5° | 289.9 | 290.5 | 290.9 | 291.4 | 292.0 | 292.4 | 293.2 | 294.0 | 294.8 | 295.6 | 296.0 |
| 120°   | 311.2 | 311.8 | 312.1 | 312.5 | 312.8 | 313.1 | 313.9 | 314.7 | 315.5 | 316.3 | 316.7 |
| 122.5° | 331.6 | 332.2 | 332.6 | 333.0 | 333.4 | 333.8 | 334.3 | 334.9 | 335.5 | 336.0 | 336.3 |
| 125°   | 360.7 | 361.3 | 361.7 | 362.1 | 362.5 | 362.9 | 363.1 | 363.3 | 363.6 | 363.8 | 364.0 |
| 127.5° | 388.7 | 389.3 | 389.8 | 390.3 | 390.8 | 391.3 | 391.6 | 391.9 | 392.2 | 392.5 | 392.6 |
| 130°   | 406.2 | 406.8 | 407.2 | 407.6 | 408.0 | 408.3 | 408.7 | 409.1 | 409.5 | 409.9 | 410.0 |
| 132.5° | 422.8 | 423.3 | 423.7 | 424.0 | 424.3 | 424.6 | 425.1 | 425.5 | 425.9 | 426.3 | 426.4 |
| 135°   | 447.5 | 448.0 | 448.4 | 448.8 | 449.2 | 449.6 | 449.9 | 450.2 | 450.5 | 450.8 | 450.8 |
| 137.5° | 469.9 | 470.4 | 470.7 | 470.9 | 471.1 | 471.3 | 471.8 | 472.3 | 472.7 | 473.2 | 473.4 |
| 140°   | 483.8 | 484.2 | 484.5 | 484.8 | 485.1 | 485.4 | 485.8 | 486.3 | 486.7 | 487.1 | 487.2 |
| 142.5° | 497.3 | 497.7 | 498.0 | 498.3 | 498.6 | 498.9 | 499.2 | 499.6 | 499.9 | 500.2 | 500.2 |
| 145°   | 516.4 | 516.8 | 517.1 | 517.3 | 517.5 | 517.7 | 517.9 | 518.1 | 518.3 | 518.5 | 518.6 |
| 147.5° | 533.1 | 533.5 | 533.7 | 533.9 | 534.1 | 534.3 | 534.5 | 534.7 | 534.9 | 535.1 | 534.9 |
| 150°   | 543.4 | 543.6 | 543.8 | 544.0 | 544.2 | 544.4 | 544.6 | 544.8 | 545.0 | 545.2 | 545.2 |
| 152.5° | 552.6 | 552.7 | 552.8 | 552.9 | 553.0 | 553.2 | 553.5 | 553.9 | 554.2 | 554.6 | 554.5 |
| 155°   | 565.0 | 564.9 | 565.0 | 565.1 | 565.2 | 565.3 | 565.8 | 566.3 | 566.8 | 567.3 | 567.2 |
| 157.5° | 576.4 | 576.3 | 576.2 | 576.1 | 576.0 | 575.9 | 576.5 | 577.1 | 577.7 | 578.3 | 578.2 |
| 160°   | 582.6 | 582.5 | 582.4 | 582.3 | 582.2 | 582.1 | 582.7 | 583.3 | 583.9 | 584.5 | 584.5 |
| 162.5° | 588.1 | 587.9 | 587.8 | 587.7 | 587.6 | 587.5 | 588.2 | 589.0 | 589.7 | 590.3 | 590.4 |
| 165°   | 595.4 | 595.2 | 595.1 | 595.0 | 594.9 | 594.8 | 595.6 | 596.4 | 597.2 | 598.0 | 598.0 |
| 167.5° | 600.9 | 600.7 | 600.7 | 600.7 | 600.7 | 600.7 | 601.5 | 602.3 | 603.0 | 603.8 | 603.8 |
| 170°   | 604.1 | 603.9 | 603.9 | 603.9 | 603.9 | 603.9 | 604.7 | 605.5 | 606.3 | 607.1 | 607.1 |
| 172.5° | 605.9 | 605.7 | 605.8 | 605.9 | 606.0 | 606.0 | 606.8 | 607.6 | 608.4 | 609.3 | 609.3 |
| 175°   | 608.6 | 608.4 | 608.5 | 608.6 | 608.7 | 608.8 | 609.6 | 610.3 | 611.0 | 611.7 | 611.7 |
| 177.5° | 609.8 | 609.7 | 609.8 | 609.8 | 609.9 | 610.0 | 610.6 | 611.3 | 611.9 | 612.6 | 612.5 |
| 180°   | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 |
| 2.5°   | 1176.7 | 1176.3 | 1176.7 | 1175.0 | 1176.7 | 1176.3 | 1176.7 | 1181.7 | 1181.7 | 1182.2 | 1182.7 |
| 5°     | 1095.0 | 1094.4 | 1092.9 | 1088.1 | 1092.9 | 1094.4 | 1095.0 | 1096.5 | 1100.8 | 1108.2 | 1106.1 |
| 7.5°   | 1023.6 | 1022.9 | 1018.2 | 1018.3 | 1018.2 | 1022.9 | 1023.6 | 1027.7 | 1032.5 | 1037.0 | 1042.4 |
| 10°    | 981.3  | 981.8  | 975.5  | 971.8  | 975.5  | 981.8  | 981.3  | 985.0  | 991.9  | 995.5  | 999.3  |
| 12.5°  | 940.3  | 937.9  | 932.7  | 928.7  | 932.7  | 937.9  | 940.3  | 943.1  | 952.5  | 956.6  | 963.7  |
| 15°    | 886.2  | 880.8  | 868.2  | 869.2  | 868.2  | 880.8  | 886.2  | 884.0  | 893.5  | 898.8  | 900.9  |
| 17.5°  | 822.3  | 818.5  | 818.2  | 810.8  | 818.2  | 818.5  | 822.3  | 826.6  | 834.9  | 840.5  | 855.7  |
| 20°    | 785.2  | 782.5  | 783.6  | 776.2  | 783.6  | 782.5  | 785.2  | 793.6  | 798.9  | 806.3  | 818.5  |
| 22.5°  | 756.0  | 753.4  | 748.9  | 746.6  | 748.9  | 753.4  | 756.0  | 761.8  | 767.6  | 778.0  | 784.6  |
| 25°    | 713.3  | 709.0  | 704.8  | 707.4  | 704.8  | 709.0  | 713.3  | 716.4  | 727.0  | 731.7  | 741.2  |
| 27.5°  | 670.6  | 667.3  | 663.1  | 662.6  | 663.1  | 667.3  | 670.6  | 673.6  | 679.4  | 687.4  | 698.8  |
| 30°    | 643.5  | 640.3  | 638.1  | 635.5  | 638.1  | 640.3  | 643.5  | 646.1  | 651.9  | 660.4  | 668.8  |
| 32.5°  | 615.9  | 615.3  | 611.5  | 611.0  | 611.5  | 615.3  | 615.9  | 620.3  | 626.1  | 634.1  | 641.4  |
| 35°    | 580.0  | 576.8  | 575.7  | 576.3  | 575.7  | 576.8  | 580.0  | 582.1  | 587.4  | 594.8  | 601.7  |
| 37.5°  | 545.8  | 541.6  | 539.7  | 537.9  | 539.7  | 541.6  | 545.8  | 546.1  | 551.6  | 556.5  | 565.8  |
| 40°    | 521.3  | 517.1  | 516.0  | 514.9  | 516.0  | 517.1  | 521.3  | 520.8  | 526.6  | 530.3  | 538.8  |
| 42.5°  | 493.8  | 492.1  | 491.5  | 489.6  | 491.5  | 492.1  | 493.8  | 496.7  | 500.0  | 505.3  | 511.7  |
| 45°    | 456.3  | 455.8  | 452.6  | 453.6  | 452.6  | 455.8  | 456.3  | 457.9  | 463.7  | 467.4  | 473.2  |
| 47.5°  | 416.8  | 414.4  | 412.2  | 413.6  | 412.2  | 414.4  | 416.8  | 418.9  | 422.7  | 427.3  | 435.0  |
| 50°    | 389.7  | 388.6  | 383.8  | 384.9  | 383.8  | 388.6  | 389.7  | 391.8  | 394.5  | 400.2  | 407.1  |
| 52.5°  | 362.6  | 358.6  | 356.8  | 356.2  | 356.8  | 358.6  | 362.6  | 364.7  | 367.8  | 374.5  | 379.6  |
| 55°    | 317.8  | 313.0  | 310.8  | 309.8  | 310.8  | 313.0  | 317.8  | 321.4  | 325.7  | 333.1  | 338.4  |
| 57.5°  | 273.8  | 272.5  | 270.8  | 272.0  | 270.8  | 272.5  | 273.8  | 279.9  | 284.1  | 289.8  | 296.3  |
| 60°    | 247.9  | 247.9  | 247.9  | 247.4  | 247.9  | 247.9  | 247.9  | 253.3  | 256.9  | 262.8  | 269.6  |
| 62.5°  | 228.1  | 226.8  | 226.4  | 227.1  | 226.4  | 226.8  | 228.1  | 230.5  | 234.1  | 237.8  | 243.9  |
| 65°    | 197.7  | 197.2  | 195.1  | 194.6  | 195.1  | 197.2  | 197.7  | 199.3  | 202.5  | 205.1  | 209.3  |
| 67.5°  | 169.1  | 167.1  | 166.5  | 165.8  | 166.5  | 167.1  | 169.1  | 170.5  | 172.6  | 175.9  | 178.0  |
| 70°    | 147.5  | 146.4  | 143.3  | 143.8  | 143.3  | 146.4  | 147.5  | 150.2  | 152.3  | 156.5  | 158.6  |
| 72.5°  | 124.2  | 123.2  | 122.6  | 121.8  | 122.6  | 123.2  | 124.2  | 126.9  | 129.0  | 133.7  | 137.0  |
| 75°    | 98.4   | 97.9   | 97.3   | 99.4   | 97.3   | 97.9   | 98.4   | 98.9   | 99.4   | 101.0  | 102.6  |
| 77.5°  | 78.8   | 78.8   | 79.1   | 78.3   | 79.1   | 78.8   | 78.8   | 78.8   | 78.8   | 79.6   | 80.0   |
| 80°    | 66.0   | 66.0   | 65.5   | 65.5   | 65.5   | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   | 65.5   |
| 82.5°  | 53.0   | 53.4   | 53.7   | 52.9   | 53.7   | 53.4   | 53.0   | 53.8   | 54.2   | 53.4   | 53.7   |
| 85°    | 34.9   | 34.3   | 35.4   | 34.9   | 35.4   | 34.3   | 34.9   | 34.9   | 33.8   | 34.9   | 34.3   |
| 87.5°  | 18.3   | 17.5   | 17.5   | 18.0   | 17.5   | 17.5   | 18.3   | 17.4   | 17.3   | 17.3   | 16.8   |
| 90°    | 13.0   | 13.2   | 13.4   | 13.6   | 13.4   | 13.2   | 13.0   | 12.8   | 12.5   | 12.1   | 11.7   |
| 92.5°  | 14.7   | 14.8   | 14.9   | 15.0   | 14.9   | 14.8   | 14.7   | 14.5   | 14.2   | 13.5   | 12.9   |
| 95°    | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 16.9   | 16.2   | 15.5   |
| 97.5°  | 18.4   | 18.5   | 18.6   | 18.7   | 18.6   | 18.5   | 18.4   | 18.3   | 17.9   | 17.1   | 16.3   |
| 100°   | 18.8   | 18.9   | 19.0   | 19.1   | 19.0   | 18.9   | 18.8   | 18.7   | 18.2   | 17.4   | 16.6   |
| 102.5° | 18.9   | 19.1   | 19.2   | 19.4   | 19.2   | 19.1   | 18.9   | 18.7   | 19.9   | 22.3   | 24.8   |
| 105°   | 19.4   | 19.6   | 19.8   | 20.0   | 19.8   | 19.6   | 19.4   | 19.2   | 28.0   | 45.8   | 63.6   |
| 107.5° | 103.0  | 89.6   | 76.1   | 62.7   | 76.1   | 89.6   | 103.0  | 116.5  | 129.8  | 142.9  | 155.9  |
| 110°   | 168.0  | 153.6  | 139.2  | 124.8  | 139.2  | 153.6  | 168.0  | 182.5  | 191.3  | 194.6  | 197.9  |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 223.2 | 220.2 | 217.1 | 214.1 | 217.1 | 220.2 | 223.2 | 226.2 | 227.7 | 227.6 | 227.6 |
| 115°   | 265.6 | 266.0 | 266.4 | 266.8 | 266.4 | 266.0 | 265.6 | 265.2 | 264.5 | 263.5 | 262.5 |
| 117.5° | 296.1 | 296.2 | 296.3 | 296.4 | 296.3 | 296.2 | 296.1 | 296.0 | 295.6 | 294.8 | 294.0 |
| 120°   | 316.7 | 316.7 | 316.7 | 316.7 | 316.7 | 316.7 | 316.7 | 316.7 | 316.3 | 315.5 | 314.7 |
| 122.5° | 336.4 | 336.5 | 336.6 | 336.7 | 336.6 | 336.5 | 336.4 | 336.3 | 336.0 | 335.5 | 334.9 |
| 125°   | 364.2 | 364.4 | 364.6 | 364.8 | 364.6 | 364.4 | 364.2 | 364.0 | 363.8 | 363.6 | 363.3 |
| 127.5° | 392.4 | 392.2 | 392.0 | 391.8 | 392.0 | 392.2 | 392.4 | 392.6 | 392.5 | 392.2 | 391.9 |
| 130°   | 409.8 | 409.6 | 409.4 | 409.2 | 409.4 | 409.6 | 409.8 | 410.0 | 409.9 | 409.5 | 409.1 |
| 132.5° | 426.1 | 425.8 | 425.5 | 425.3 | 425.5 | 425.8 | 426.1 | 426.4 | 426.3 | 425.9 | 425.5 |
| 135°   | 450.5 | 450.2 | 449.9 | 449.6 | 449.9 | 450.2 | 450.5 | 450.8 | 450.8 | 450.5 | 450.2 |
| 137.5° | 473.2 | 473.0 | 472.8 | 472.6 | 472.8 | 473.0 | 473.2 | 473.4 | 473.2 | 472.7 | 472.3 |
| 140°   | 487.0 | 486.8 | 486.6 | 486.4 | 486.6 | 486.8 | 487.0 | 487.2 | 487.1 | 486.7 | 486.3 |
| 142.5° | 499.9 | 499.7 | 499.4 | 499.1 | 499.4 | 499.7 | 499.9 | 500.2 | 500.2 | 499.9 | 499.6 |
| 145°   | 518.6 | 518.6 | 518.6 | 518.6 | 518.6 | 518.6 | 518.6 | 518.6 | 518.5 | 518.3 | 518.1 |
| 147.5° | 534.5 | 534.0 | 533.6 | 533.1 | 533.6 | 534.0 | 534.5 | 534.9 | 535.1 | 534.9 | 534.7 |
| 150°   | 544.9 | 544.6 | 544.3 | 544.0 | 544.3 | 544.6 | 544.9 | 545.2 | 545.2 | 545.0 | 544.8 |
| 152.5° | 554.1 | 553.6 | 553.2 | 552.7 | 553.2 | 553.6 | 554.1 | 554.5 | 554.6 | 554.2 | 553.9 |
| 155°   | 566.6 | 566.0 | 565.4 | 564.9 | 565.4 | 566.0 | 566.6 | 567.2 | 567.3 | 566.8 | 566.3 |
| 157.5° | 577.4 | 576.7 | 575.9 | 575.1 | 575.9 | 576.7 | 577.4 | 578.2 | 578.3 | 577.7 | 577.1 |
| 160°   | 583.8 | 583.1 | 582.4 | 581.7 | 582.4 | 583.1 | 583.8 | 584.5 | 584.5 | 583.9 | 583.3 |
| 162.5° | 589.7 | 589.1 | 588.4 | 587.8 | 588.4 | 589.1 | 589.7 | 590.4 | 590.3 | 589.7 | 589.0 |
| 165°   | 597.3 | 596.7 | 596.0 | 595.3 | 596.0 | 596.7 | 597.3 | 598.0 | 598.0 | 597.2 | 596.4 |
| 167.5° | 603.0 | 602.3 | 601.5 | 600.7 | 601.5 | 602.3 | 603.0 | 603.8 | 603.8 | 603.0 | 602.3 |
| 170°   | 606.3 | 605.5 | 604.7 | 603.9 | 604.7 | 605.5 | 606.3 | 607.1 | 607.1 | 606.3 | 605.5 |
| 172.5° | 608.3 | 607.4 | 606.6 | 605.7 | 606.6 | 607.4 | 608.3 | 609.3 | 609.3 | 608.4 | 607.6 |
| 175°   | 610.9 | 610.1 | 609.3 | 608.4 | 609.3 | 610.1 | 610.9 | 611.7 | 611.7 | 611.0 | 610.3 |
| 177.5° | 611.7 | 610.9 | 610.1 | 609.3 | 610.1 | 610.9 | 611.7 | 612.5 | 612.6 | 611.9 | 611.3 |
| 180°   | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 |
| 2.5°   | 1178.8 | 1184.8 | 1190.6 | 1196.2 | 1204.7 | 1208.4 | 1214.0 | 1216.1 | 1222.3 | 1231.7 | 1239.3 |
| 5°     | 1107.1 | 1115.6 | 1126.7 | 1135.7 | 1149.9 | 1161.0 | 1173.3 | 1184.9 | 1198.6 | 1218.2 | 1235.6 |
| 7.5°   | 1046.3 | 1054.7 | 1068.0 | 1084.7 | 1100.4 | 1116.2 | 1132.9 | 1148.7 | 1168.3 | 1196.4 | 1224.2 |
| 10°    | 1006.1 | 1016.2 | 1032.1 | 1050.1 | 1069.5 | 1084.9 | 1104.5 | 1124.6 | 1148.9 | 1181.1 | 1214.5 |
| 12.5°  | 971.5  | 979.0  | 997.3  | 1014.5 | 1036.6 | 1056.1 | 1075.3 | 1098.7 | 1126.5 | 1160.8 | 1200.9 |
| 15°    | 916.3  | 926.9  | 944.8  | 963.8  | 987.1  | 1007.7 | 1032.6 | 1061.2 | 1088.1 | 1130.4 | 1179.0 |
| 17.5°  | 860.8  | 877.0  | 895.6  | 917.2  | 934.3  | 962.8  | 989.8  | 1019.1 | 1052.3 | 1097.1 | 1150.4 |
| 20°    | 825.4  | 838.0  | 855.5  | 886.7  | 909.4  | 931.1  | 955.9  | 992.4  | 1023.1 | 1073.8 | 1129.3 |
| 22.5°  | 795.3  | 804.6  | 824.2  | 849.9  | 876.4  | 901.5  | 926.8  | 961.5  | 999.4  | 1047.6 | 1107.7 |
| 25°    | 750.7  | 765.6  | 780.4  | 798.9  | 827.5  | 857.6  | 885.0  | 914.6  | 954.8  | 1006.1 | 1071.2 |
| 27.5°  | 707.3  | 720.7  | 735.4  | 758.1  | 779.7  | 807.9  | 836.7  | 870.6  | 913.7  | 968.0  | 1034.0 |
| 30°    | 679.4  | 689.4  | 703.2  | 732.3  | 751.8  | 776.2  | 810.0  | 840.1  | 880.3  | 938.0  | 1007.7 |
| 32.5°  | 650.7  | 663.7  | 678.6  | 700.9  | 725.2  | 748.2  | 779.1  | 811.8  | 852.8  | 909.6  | 981.1  |
| 35°    | 609.7  | 624.9  | 640.3  | 656.6  | 681.0  | 704.8  | 730.6  | 766.6  | 808.4  | 863.4  | 933.7  |
| 37.5°  | 571.9  | 584.2  | 596.7  | 617.0  | 640.1  | 662.7  | 686.9  | 722.4  | 761.6  | 821.0  | 885.4  |
| 40°    | 547.8  | 558.9  | 568.4  | 589.6  | 611.7  | 636.0  | 659.8  | 691.1  | 733.4  | 788.8  | 851.2  |
| 42.5°  | 521.5  | 531.8  | 544.7  | 562.0  | 585.9  | 606.4  | 630.3  | 659.7  | 699.5  | 755.9  | 810.6  |
| 45°    | 482.2  | 493.8  | 504.9  | 521.3  | 545.1  | 565.2  | 586.3  | 614.4  | 655.1  | 701.7  | 750.2  |
| 47.5°  | 441.3  | 452.9  | 465.5  | 481.4  | 502.2  | 522.6  | 543.7  | 568.6  | 605.7  | 651.4  | 684.2  |
| 50°    | 415.1  | 424.5  | 437.3  | 453.1  | 472.1  | 493.8  | 512.8  | 539.8  | 575.2  | 611.2  | 639.7  |
| 52.5°  | 388.0  | 396.7  | 411.0  | 427.8  | 445.5  | 464.2  | 484.5  | 507.7  | 539.7  | 573.5  | 596.2  |
| 55°    | 345.8  | 356.4  | 368.5  | 384.9  | 402.3  | 418.2  | 437.8  | 461.6  | 487.0  | 512.3  | 527.7  |
| 57.5°  | 306.3  | 315.1  | 325.4  | 342.2  | 357.4  | 376.4  | 393.8  | 412.4  | 435.9  | 455.0  | 465.0  |
| 60°    | 277.6  | 285.5  | 298.7  | 313.6  | 327.8  | 344.2  | 364.3  | 382.8  | 400.8  | 416.1  | 424.0  |
| 62.5°  | 250.5  | 259.7  | 271.2  | 284.8  | 300.3  | 315.9  | 333.5  | 348.9  | 364.8  | 378.0  | 383.4  |
| 65°    | 215.2  | 222.6  | 231.1  | 243.8  | 256.4  | 272.3  | 286.0  | 301.8  | 313.6  | 320.9  | 325.7  |
| 67.5°  | 183.1  | 187.9  | 194.4  | 202.8  | 215.3  | 229.1  | 242.5  | 254.9  | 264.6  | 269.6  | 273.9  |
| 70°    | 162.3  | 165.5  | 170.3  | 178.7  | 188.2  | 200.4  | 214.1  | 223.1  | 231.6  | 235.8  | 240.0  |
| 72.5°  | 141.6  | 145.6  | 150.0  | 156.7  | 164.5  | 173.3  | 183.3  | 194.4  | 199.0  | 204.1  | 206.6  |
| 75°    | 107.3  | 113.1  | 119.0  | 123.2  | 128.5  | 135.3  | 144.3  | 151.2  | 153.9  | 158.0  | 158.6  |
| 77.5°  | 81.0   | 82.3   | 86.5   | 91.8   | 96.2   | 101.2  | 106.9  | 113.0  | 114.3  | 116.5  | 118.0  |
| 80°    | 66.7   | 66.7   | 66.7   | 69.8   | 75.0   | 78.8   | 84.0   | 87.3   | 89.4   | 89.9   | 90.4   |
| 82.5°  | 53.5   | 53.5   | 53.1   | 53.7   | 55.6   | 57.7   | 62.5   | 66.0   | 67.8   | 67.5   | 66.3   |
| 85°    | 34.9   | 33.8   | 33.8   | 33.3   | 33.8   | 32.8   | 32.2   | 34.3   | 37.6   | 37.6   | 36.5   |
| 87.5°  | 16.7   | 16.2   | 16.3   | 15.7   | 14.9   | 14.2   | 12.7   | 12.9   | 12.7   | 14.2   | 13.6   |
| 90°    | 11.3   | 10.9   | 9.6    | 8.3    | 7.0    | 5.7    | 4.4    | 3.4    | 2.4    | 1.4    | 0.4    |
| 92.5°  | 12.2   | 11.6   | 10.6   | 9.6    | 8.7    | 7.7    | 7.3    | 7.6    | 7.9    | 8.2    | 8.5    |
| 95°    | 14.7   | 14.0   | 12.9   | 11.8   | 10.7   | 9.6    | 11.1   | 15.2   | 19.4   | 23.5   | 27.7   |
| 97.5°  | 15.5   | 14.6   | 21.9   | 29.1   | 36.4   | 43.6   | 48.2   | 50.1   | 51.9   | 53.7   | 55.6   |
| 100°   | 15.8   | 14.9   | 30.7   | 46.5   | 62.2   | 77.9   | 84.7   | 82.7   | 80.7   | 78.7   | 76.6   |
| 102.5° | 27.4   | 29.9   | 47.1   | 64.2   | 81.4   | 98.6   | 106.4  | 105.0  | 103.5  | 102.1  | 100.6  |
| 105°   | 81.5   | 99.4   | 108.5  | 117.5  | 126.5  | 135.6  | 139.7  | 138.6  | 137.4  | 136.3  | 135.2  |
| 107.5° | 169.1  | 182.1  | 180.7  | 179.3  | 177.8  | 176.4  | 175.2  | 174.3  | 173.5  | 172.6  | 171.7  |
| 110°   | 201.3  | 204.6  | 203.5  | 202.4  | 201.3  | 200.2  | 199.2  | 198.4  | 197.6  | 196.8  | 196.0  |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 227.5 | 227.5 | 226.4 | 225.3 | 224.2 | 223.1 | 222.2 | 221.4 | 220.7 | 219.9 | 219.2 |
| 115°   | 261.5 | 260.4 | 259.5 | 258.6 | 257.7 | 256.8 | 256.0 | 255.4 | 254.8 | 254.2 | 253.6 |
| 117.5° | 293.2 | 292.4 | 292.0 | 291.4 | 290.9 | 290.5 | 289.9 | 289.1 | 288.4 | 287.7 | 286.9 |
| 120°   | 313.9 | 313.1 | 312.8 | 312.5 | 312.1 | 311.8 | 311.2 | 310.3 | 309.4 | 308.5 | 307.6 |
| 122.5° | 334.3 | 333.8 | 333.4 | 333.0 | 332.6 | 332.2 | 331.6 | 330.9 | 330.1 | 329.4 | 328.7 |
| 125°   | 363.1 | 362.9 | 362.5 | 362.1 | 361.7 | 361.3 | 360.7 | 359.9 | 359.1 | 358.3 | 357.5 |
| 127.5° | 391.6 | 391.3 | 390.8 | 390.3 | 389.8 | 389.3 | 388.7 | 387.9 | 387.1 | 386.3 | 385.5 |
| 130°   | 408.7 | 408.3 | 408.0 | 407.6 | 407.2 | 406.8 | 406.2 | 405.4 | 404.6 | 403.7 | 402.9 |
| 132.5° | 425.1 | 424.6 | 424.3 | 424.0 | 423.7 | 423.3 | 422.8 | 422.0 | 421.2 | 420.4 | 419.6 |
| 135°   | 449.9 | 449.6 | 449.2 | 448.8 | 448.4 | 448.0 | 447.5 | 446.9 | 446.3 | 445.7 | 445.0 |
| 137.5° | 471.8 | 471.3 | 471.1 | 470.9 | 470.7 | 470.4 | 469.9 | 469.2 | 468.4 | 467.7 | 466.9 |
| 140°   | 485.8 | 485.4 | 485.1 | 484.8 | 484.5 | 484.2 | 483.8 | 483.2 | 482.6 | 482.0 | 481.4 |
| 142.5° | 499.2 | 498.9 | 498.6 | 498.3 | 498.0 | 497.7 | 497.3 | 496.7 | 496.0 | 495.4 | 494.8 |
| 145°   | 517.9 | 517.7 | 517.5 | 517.3 | 517.1 | 516.8 | 516.4 | 515.7 | 515.0 | 514.3 | 513.6 |
| 147.5° | 534.5 | 534.3 | 534.1 | 533.9 | 533.7 | 533.5 | 533.1 | 532.7 | 532.2 | 531.8 | 531.3 |
| 150°   | 544.6 | 544.4 | 544.2 | 544.0 | 543.8 | 543.6 | 543.4 | 543.1 | 542.8 | 542.5 | 542.2 |
| 152.5° | 553.5 | 553.2 | 553.0 | 552.9 | 552.8 | 552.7 | 552.6 | 552.4 | 552.3 | 552.1 | 552.0 |
| 155°   | 565.8 | 565.3 | 565.2 | 565.1 | 565.0 | 564.9 | 565.0 | 565.2 | 565.3 | 565.5 | 565.7 |
| 157.5° | 576.5 | 575.9 | 576.0 | 576.1 | 576.2 | 576.3 | 576.4 | 576.4 | 576.4 | 576.4 | 576.5 |
| 160°   | 582.7 | 582.1 | 582.2 | 582.3 | 582.4 | 582.5 | 582.6 | 582.7 | 582.8 | 582.9 | 583.0 |
| 162.5° | 588.2 | 587.5 | 587.6 | 587.7 | 587.8 | 587.9 | 588.1 | 588.4 | 588.7 | 589.0 | 589.2 |
| 165°   | 595.6 | 594.8 | 594.9 | 595.0 | 595.1 | 595.2 | 595.4 | 595.7 | 596.0 | 596.3 | 596.6 |
| 167.5° | 601.5 | 600.7 | 600.7 | 600.7 | 600.7 | 600.7 | 600.9 | 601.3 | 601.7 | 602.1 | 602.5 |
| 170°   | 604.7 | 603.9 | 603.9 | 603.9 | 603.9 | 603.9 | 604.1 | 604.5 | 604.9 | 605.3 | 605.7 |
| 172.5° | 606.8 | 606.0 | 606.0 | 605.9 | 605.8 | 605.7 | 605.9 | 606.4 | 606.9 | 607.4 | 607.8 |
| 175°   | 609.6 | 608.8 | 608.7 | 608.6 | 608.5 | 608.4 | 608.6 | 609.2 | 609.7 | 610.2 | 610.7 |
| 177.5° | 610.6 | 610.0 | 609.9 | 609.8 | 609.8 | 609.7 | 609.8 | 610.2 | 610.6 | 611.0 | 611.4 |
| 180°   | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 |
| 2.5°   | 1241.8 | 1246.5 | 1252.4 | 1261.3 | 1268.1 | 1273.9 | 1275.3 | 1277.0 | 1281.2 | 1288.4 | 1293.8 |
| 5°     | 1249.9 | 1262.0 | 1281.6 | 1300.6 | 1321.3 | 1338.2 | 1354.0 | 1365.1 | 1375.7 | 1398.0 | 1415.9 |
| 7.5°   | 1247.4 | 1274.4 | 1305.0 | 1339.3 | 1373.8 | 1407.3 | 1438.5 | 1466.2 | 1493.9 | 1526.3 | 1563.2 |
| 10°    | 1245.7 | 1277.4 | 1318.6 | 1362.5 | 1410.6 | 1457.6 | 1503.2 | 1538.5 | 1579.8 | 1616.8 | 1663.9 |
| 12.5°  | 1237.6 | 1283.3 | 1332.6 | 1388.8 | 1447.8 | 1502.1 | 1562.0 | 1610.9 | 1658.1 | 1711.5 | 1766.3 |
| 15°    | 1227.2 | 1282.6 | 1345.0 | 1419.6 | 1509.4 | 1575.1 | 1636.4 | 1721.5 | 1779.7 | 1837.9 | 1916.0 |
| 17.5°  | 1208.0 | 1275.8 | 1353.7 | 1450.6 | 1525.6 | 1613.7 | 1706.0 | 1773.2 | 1851.6 | 1933.5 | 2004.4 |
| 20°    | 1192.8 | 1271.5 | 1358.8 | 1454.0 | 1549.6 | 1645.4 | 1734.7 | 1815.0 | 1896.0 | 1990.6 | 2048.8 |
| 22.5°  | 1177.6 | 1255.5 | 1346.2 | 1447.2 | 1550.0 | 1650.8 | 1752.0 | 1846.3 | 1937.4 | 2033.0 | 2107.2 |
| 25°    | 1145.2 | 1237.7 | 1336.1 | 1439.2 | 1540.7 | 1651.7 | 1772.2 | 1877.4 | 1990.0 | 2088.4 | 2158.8 |
| 27.5°  | 1112.4 | 1197.2 | 1295.2 | 1399.7 | 1512.6 | 1643.8 | 1785.5 | 1905.2 | 2018.0 | 2088.4 | 2110.5 |
| 30°    | 1082.8 | 1172.7 | 1262.5 | 1368.9 | 1491.0 | 1637.4 | 1788.1 | 1925.0 | 2017.6 | 2048.2 | 2025.5 |
| 32.5°  | 1052.8 | 1134.2 | 1223.2 | 1332.0 | 1461.8 | 1621.7 | 1791.5 | 1913.2 | 1968.9 | 1945.5 | 1852.9 |
| 35°    | 999.8  | 1073.3 | 1159.4 | 1268.4 | 1417.4 | 1613.2 | 1777.6 | 1860.0 | 1846.2 | 1714.0 | 1539.6 |
| 37.5°  | 943.1  | 1003.0 | 1082.8 | 1196.7 | 1371.6 | 1578.7 | 1717.5 | 1729.6 | 1610.6 | 1407.8 | 1206.2 |
| 40°    | 898.3  | 952.2  | 1034.2 | 1153.2 | 1336.1 | 1544.9 | 1657.0 | 1607.8 | 1423.3 | 1197.5 | 1029.5 |
| 42.5°  | 854.7  | 900.2  | 979.2  | 1107.4 | 1302.2 | 1498.8 | 1566.9 | 1459.8 | 1246.9 | 1033.4 | 880.5  |
| 45°    | 780.9  | 823.7  | 903.0  | 1034.7 | 1232.9 | 1410.6 | 1401.6 | 1215.5 | 1002.5 | 830.6  | 703.7  |
| 47.5°  | 710.9  | 748.3  | 822.7  | 957.2  | 1151.7 | 1278.4 | 1194.4 | 996.3  | 815.6  | 677.7  | 587.2  |
| 50°    | 661.5  | 698.4  | 772.4  | 905.1  | 1086.5 | 1179.0 | 1059.0 | 868.2  | 702.7  | 588.4  | 516.5  |
| 52.5°  | 614.1  | 650.3  | 717.9  | 847.2  | 1007.8 | 1063.2 | 934.2  | 757.3  | 619.4  | 520.8  | 459.0  |
| 55°    | 547.8  | 575.2  | 636.0  | 759.7  | 879.8  | 892.5  | 761.8  | 613.8  | 500.2  | 431.4  | 389.1  |
| 57.5°  | 480.2  | 503.8  | 563.9  | 662.5  | 746.7  | 740.1  | 616.3  | 488.2  | 411.6  | 360.6  | 329.9  |
| 60°    | 436.2  | 459.5  | 512.3  | 596.9  | 660.4  | 638.1  | 524.5  | 421.4  | 355.8  | 318.3  | 294.0  |
| 62.5°  | 395.2  | 413.3  | 462.8  | 524.6  | 570.3  | 545.1  | 448.4  | 363.0  | 311.0  | 279.3  | 260.1  |
| 65°    | 335.8  | 350.5  | 390.2  | 422.4  | 447.8  | 423.5  | 343.2  | 283.9  | 246.4  | 224.2  | 211.0  |
| 67.5°  | 279.2  | 288.7  | 313.8  | 325.4  | 343.3  | 316.6  | 258.0  | 218.3  | 197.0  | 178.2  | 169.1  |
| 70°    | 243.8  | 250.6  | 263.9  | 273.4  | 278.1  | 250.6  | 207.2  | 178.1  | 160.2  | 146.9  | 141.2  |
| 72.5°  | 208.2  | 214.2  | 216.9  | 224.7  | 222.3  | 196.5  | 166.6  | 143.5  | 130.6  | 121.6  | 114.1  |
| 75°    | 159.2  | 161.8  | 159.2  | 155.9  | 149.1  | 131.1  | 110.5  | 98.9   | 89.4   | 85.1   | 82.5   |
| 77.5°  | 116.0  | 115.1  | 111.6  | 106.5  | 94.8   | 83.5   | 72.4   | 68.6   | 64.4   | 62.2   | 61.2   |
| 80°    | 89.4   | 87.3   | 84.0   | 76.1   | 66.0   | 58.2   | 55.5   | 52.9   | 51.3   | 48.7   | 48.1   |
| 82.5°  | 66.6   | 65.2   | 60.0   | 53.3   | 46.3   | 42.5   | 40.3   | 39.4   | 37.8   | 36.4   | 36.3   |
| 85°    | 35.4   | 33.8   | 28.0   | 24.3   | 23.2   | 22.2   | 21.7   | 21.7   | 19.6   | 19.0   | 19.0   |
| 87.5°  | 11.7   | 9.4    | 9.2    | 8.1    | 8.3    | 7.8    | 8.4    | 7.9    | 7.7    | 8.2    | 7.4    |
| 90°    | 1.4    | 2.4    | 3.4    | 4.4    | 5.7    | 7.0    | 8.3    | 9.6    | 10.9   | 11.3   | 11.7   |
| 92.5°  | 8.2    | 7.9    | 7.6    | 7.3    | 7.7    | 8.7    | 9.6    | 10.6   | 11.6   | 12.2   | 12.9   |
| 95°    | 23.5   | 19.4   | 15.2   | 11.1   | 9.6    | 10.7   | 11.8   | 12.9   | 14.0   | 14.7   | 15.5   |
| 97.5°  | 53.7   | 51.9   | 50.1   | 48.2   | 43.6   | 36.4   | 29.1   | 21.9   | 14.6   | 15.5   | 16.3   |
| 100°   | 78.7   | 80.7   | 82.7   | 84.7   | 77.9   | 62.2   | 46.5   | 30.7   | 14.9   | 15.8   | 16.6   |
| 102.5° | 102.1  | 103.5  | 105.0  | 106.4  | 98.6   | 81.4   | 64.2   | 47.1   | 29.9   | 27.4   | 24.8   |
| 105°   | 136.3  | 137.4  | 138.6  | 139.7  | 135.6  | 126.5  | 117.5  | 108.5  | 99.4   | 81.5   | 63.6   |
| 107.5° | 172.6  | 173.5  | 174.3  | 175.2  | 176.4  | 177.8  | 179.3  | 180.7  | 182.1  | 169.1  | 155.9  |
| 110°   | 196.8  | 197.6  | 198.4  | 199.2  | 200.2  | 201.3  | 202.4  | 203.5  | 204.6  | 201.3  | 197.9  |





TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 219.9 | 220.7 | 221.4 | 222.2 | 223.1 | 224.2 | 225.3 | 226.4 | 227.5 | 227.5 | 227.6 |
| 115°   | 254.2 | 254.8 | 255.4 | 256.0 | 256.8 | 257.7 | 258.6 | 259.5 | 260.4 | 261.5 | 262.5 |
| 117.5° | 287.7 | 288.4 | 289.1 | 289.9 | 290.5 | 290.9 | 291.4 | 292.0 | 292.4 | 293.2 | 294.0 |
| 120°   | 308.5 | 309.4 | 310.3 | 311.2 | 311.8 | 312.1 | 312.5 | 312.8 | 313.1 | 313.9 | 314.7 |
| 122.5° | 329.4 | 330.1 | 330.9 | 331.6 | 332.2 | 332.6 | 333.0 | 333.4 | 333.8 | 334.3 | 334.9 |
| 125°   | 358.3 | 359.1 | 359.9 | 360.7 | 361.3 | 361.7 | 362.1 | 362.5 | 362.9 | 363.1 | 363.3 |
| 127.5° | 386.3 | 387.1 | 387.9 | 388.7 | 389.3 | 389.8 | 390.3 | 390.8 | 391.3 | 391.6 | 391.9 |
| 130°   | 403.7 | 404.6 | 405.4 | 406.2 | 406.8 | 407.2 | 407.6 | 408.0 | 408.3 | 408.7 | 409.1 |
| 132.5° | 420.4 | 421.2 | 422.0 | 422.8 | 423.3 | 423.7 | 424.0 | 424.3 | 424.6 | 425.1 | 425.5 |
| 135°   | 445.7 | 446.3 | 446.9 | 447.5 | 448.0 | 448.4 | 448.8 | 449.2 | 449.6 | 449.9 | 450.2 |
| 137.5° | 467.7 | 468.4 | 469.2 | 469.9 | 470.4 | 470.7 | 470.9 | 471.1 | 471.3 | 471.8 | 472.3 |
| 140°   | 482.0 | 482.6 | 483.2 | 483.8 | 484.2 | 484.5 | 484.8 | 485.1 | 485.4 | 485.8 | 486.3 |
| 142.5° | 495.4 | 496.0 | 496.7 | 497.3 | 497.7 | 498.0 | 498.3 | 498.6 | 498.9 | 499.2 | 499.6 |
| 145°   | 514.3 | 515.0 | 515.7 | 516.4 | 516.8 | 517.1 | 517.3 | 517.5 | 517.7 | 517.9 | 518.1 |
| 147.5° | 531.8 | 532.2 | 532.7 | 533.1 | 533.5 | 533.7 | 533.9 | 534.1 | 534.3 | 534.5 | 534.7 |
| 150°   | 542.5 | 542.8 | 543.1 | 543.4 | 543.6 | 543.8 | 544.0 | 544.2 | 544.4 | 544.6 | 544.8 |
| 152.5° | 552.1 | 552.3 | 552.4 | 552.6 | 552.7 | 552.8 | 552.9 | 553.0 | 553.2 | 553.5 | 553.9 |
| 155°   | 565.5 | 565.3 | 565.2 | 565.0 | 564.9 | 565.0 | 565.1 | 565.2 | 565.3 | 565.8 | 566.3 |
| 157.5° | 576.4 | 576.4 | 576.4 | 576.4 | 576.3 | 576.2 | 576.1 | 576.0 | 575.9 | 576.5 | 577.1 |
| 160°   | 582.9 | 582.8 | 582.7 | 582.6 | 582.5 | 582.4 | 582.3 | 582.2 | 582.1 | 582.7 | 583.3 |
| 162.5° | 589.0 | 588.7 | 588.4 | 588.1 | 587.9 | 587.8 | 587.7 | 587.6 | 587.5 | 588.2 | 589.0 |
| 165°   | 596.3 | 596.0 | 595.7 | 595.4 | 595.2 | 595.1 | 595.0 | 594.9 | 594.8 | 595.6 | 596.4 |
| 167.5° | 602.1 | 601.7 | 601.3 | 600.9 | 600.7 | 600.7 | 600.7 | 600.7 | 600.7 | 601.5 | 602.3 |
| 170°   | 605.3 | 604.9 | 604.5 | 604.1 | 603.9 | 603.9 | 603.9 | 603.9 | 603.9 | 604.7 | 605.5 |
| 172.5° | 607.4 | 606.9 | 606.4 | 605.9 | 605.7 | 605.8 | 605.9 | 606.0 | 606.0 | 606.8 | 607.6 |
| 175°   | 610.2 | 609.7 | 609.2 | 608.6 | 608.4 | 608.5 | 608.6 | 608.7 | 608.8 | 609.6 | 610.3 |
| 177.5° | 611.0 | 610.6 | 610.2 | 609.8 | 609.7 | 609.8 | 609.8 | 609.9 | 610.0 | 610.6 | 611.3 |
| 180°   | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 | 1235.1 |
| 2.5°   | 1302.7 | 1302.7 | 1304.4 | 1310.8 | 1311.6 | 1317.2 | 1315.5 |
| 5°     | 1431.8 | 1441.8 | 1445.5 | 1461.4 | 1470.9 | 1475.1 | 1466.6 |
| 7.5°   | 1589.5 | 1617.9 | 1631.3 | 1647.9 | 1662.6 | 1667.1 | 1655.5 |
| 10°    | 1704.6 | 1734.1 | 1759.1 | 1774.3 | 1788.7 | 1798.2 | 1810.3 |
| 12.5°  | 1815.8 | 1852.2 | 1875.8 | 1897.4 | 1912.2 | 1924.2 | 1926.2 |
| 15°    | 1936.7 | 1991.7 | 2033.5 | 2064.1 | 2079.4 | 2087.4 | 2084.2 |
| 17.5°  | 2058.6 | 2109.6 | 2139.3 | 2170.6 | 2191.8 | 2192.9 | 2193.5 |
| 20°    | 2127.6 | 2177.3 | 2211.6 | 2234.8 | 2258.7 | 2257.7 | 2262.9 |
| 22.5°  | 2173.6 | 2212.8 | 2239.1 | 2256.0 | 2264.2 | 2260.2 | 2261.2 |
| 25°    | 2195.2 | 2206.9 | 2202.1 | 2175.1 | 2168.3 | 2143.4 | 2147.7 |
| 27.5°  | 2084.0 | 2029.0 | 1972.1 | 1899.0 | 1841.2 | 1795.1 | 1797.5 |
| 30°    | 1933.0 | 1835.7 | 1724.6 | 1631.6 | 1548.1 | 1524.8 | 1475.1 |
| 32.5°  | 1721.9 | 1576.0 | 1445.9 | 1359.2 | 1287.5 | 1268.1 | 1224.8 |
| 35°    | 1364.1 | 1222.3 | 1088.6 | 1008.2 | 976.5  | 932.1  | 931.6  |
| 37.5°  | 1060.3 | 935.5  | 864.7  | 804.5  | 772.8  | 746.0  | 743.4  |
| 40°    | 891.9  | 794.7  | 741.2  | 697.9  | 666.7  | 646.6  | 641.9  |
| 42.5°  | 774.4  | 695.7  | 645.7  | 618.8  | 594.8  | 584.4  | 576.7  |
| 45°    | 632.4  | 579.5  | 544.6  | 520.3  | 509.2  | 501.2  | 497.0  |
| 47.5°  | 529.0  | 493.5  | 469.7  | 453.5  | 444.5  | 436.2  | 438.4  |
| 50°    | 472.7  | 443.6  | 426.2  | 410.8  | 403.9  | 398.1  | 398.7  |
| 52.5°  | 427.4  | 401.3  | 387.2  | 376.2  | 367.6  | 363.5  | 361.4  |
| 55°    | 362.7  | 346.3  | 332.0  | 324.1  | 319.3  | 313.6  | 311.9  |
| 57.5°  | 309.4  | 296.7  | 285.1  | 276.1  | 274.9  | 269.3  | 270.0  |
| 60°    | 273.9  | 263.3  | 253.8  | 249.0  | 245.3  | 240.5  | 242.2  |
| 62.5°  | 244.7  | 235.8  | 227.1  | 223.2  | 219.5  | 216.0  | 216.8  |
| 65°    | 200.4  | 191.9  | 186.6  | 184.5  | 182.9  | 181.4  | 179.8  |
| 67.5°  | 159.7  | 154.5  | 151.2  | 146.6  | 143.4  | 142.9  | 141.3  |
| 70°    | 134.3  | 127.4  | 121.6  | 115.8  | 114.2  | 113.7  | 114.2  |
| 72.5°  | 107.7  | 103.3  | 101.7  | 98.9   | 98.6   | 97.1   | 98.2   |
| 75°    | 80.9   | 79.3   | 78.3   | 76.1   | 76.1   | 76.1   | 76.1   |
| 77.5°  | 59.7   | 58.7   | 58.1   | 57.7   | 57.1   | 56.4   | 56.2   |
| 80°    | 46.6   | 45.9   | 44.9   | 44.9   | 44.4   | 44.9   | 44.4   |
| 82.5°  | 35.1   | 35.0   | 33.9   | 33.9   | 33.4   | 33.1   | 33.4   |
| 85°    | 18.0   | 17.5   | 18.5   | 17.5   | 18.0   | 17.0   | 18.0   |
| 87.5°  | 7.5    | 7.6    | 7.2    | 7.3    | 6.9    | 7.8    | 7.0    |
| 90°    | 12.1   | 12.5   | 12.8   | 13.0   | 13.2   | 13.4   | 13.6   |
| 92.5°  | 13.5   | 14.2   | 14.5   | 14.7   | 14.8   | 14.9   | 15.0   |
| 95°    | 16.2   | 16.9   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   |
| 97.5°  | 17.1   | 17.9   | 18.3   | 18.4   | 18.5   | 18.6   | 18.7   |
| 100°   | 17.4   | 18.2   | 18.7   | 18.8   | 18.9   | 19.0   | 19.1   |
| 102.5° | 22.3   | 19.9   | 18.7   | 18.9   | 19.1   | 19.2   | 19.4   |
| 105°   | 45.8   | 28.0   | 19.2   | 19.4   | 19.6   | 19.8   | 20.0   |
| 107.5° | 142.9  | 129.8  | 116.5  | 103.0  | 89.6   | 76.1   | 62.7   |
| 110°   | 194.6  | 191.3  | 182.5  | 168.0  | 153.6  | 139.2  | 124.8  |



TEST NUMBER: P332430-840

CATALOG NUMBER: S123RDIW-S775D460U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 227.6 | 227.7 | 226.2 | 223.2 | 220.2 | 217.1 | 214.1 |
| 115°   | 263.5 | 264.5 | 265.2 | 265.6 | 266.0 | 266.4 | 266.8 |
| 117.5° | 294.8 | 295.6 | 296.0 | 296.1 | 296.2 | 296.3 | 296.4 |
| 120°   | 315.5 | 316.3 | 316.7 | 316.7 | 316.7 | 316.7 | 316.7 |
| 122.5° | 335.5 | 336.0 | 336.3 | 336.4 | 336.5 | 336.6 | 336.7 |
| 125°   | 363.6 | 363.8 | 364.0 | 364.2 | 364.4 | 364.6 | 364.8 |
| 127.5° | 392.2 | 392.5 | 392.6 | 392.4 | 392.2 | 392.0 | 391.8 |
| 130°   | 409.5 | 409.9 | 410.0 | 409.8 | 409.6 | 409.4 | 409.2 |
| 132.5° | 425.9 | 426.3 | 426.4 | 426.1 | 425.8 | 425.5 | 425.3 |
| 135°   | 450.5 | 450.8 | 450.8 | 450.5 | 450.2 | 449.9 | 449.6 |
| 137.5° | 472.7 | 473.2 | 473.4 | 473.2 | 473.0 | 472.8 | 472.6 |
| 140°   | 486.7 | 487.1 | 487.2 | 487.0 | 486.8 | 486.6 | 486.4 |
| 142.5° | 499.9 | 500.2 | 500.2 | 499.9 | 499.7 | 499.4 | 499.1 |
| 145°   | 518.3 | 518.5 | 518.6 | 518.6 | 518.6 | 518.6 | 518.6 |
| 147.5° | 534.9 | 535.1 | 534.9 | 534.5 | 534.0 | 533.6 | 533.1 |
| 150°   | 545.0 | 545.2 | 545.2 | 544.9 | 544.6 | 544.3 | 544.0 |
| 152.5° | 554.2 | 554.6 | 554.5 | 554.1 | 553.6 | 553.2 | 552.7 |
| 155°   | 566.8 | 567.3 | 567.2 | 566.6 | 566.0 | 565.4 | 564.9 |
| 157.5° | 577.7 | 578.3 | 578.2 | 577.4 | 576.7 | 575.9 | 575.1 |
| 160°   | 583.9 | 584.5 | 584.5 | 583.8 | 583.1 | 582.4 | 581.7 |
| 162.5° | 589.7 | 590.3 | 590.4 | 589.7 | 589.1 | 588.4 | 587.8 |
| 165°   | 597.2 | 598.0 | 598.0 | 597.3 | 596.7 | 596.0 | 595.3 |
| 167.5° | 603.0 | 603.8 | 603.8 | 603.0 | 602.3 | 601.5 | 600.7 |
| 170°   | 606.3 | 607.1 | 607.1 | 606.3 | 605.5 | 604.7 | 603.9 |
| 172.5° | 608.4 | 609.3 | 609.3 | 608.3 | 607.4 | 606.6 | 605.7 |
| 175°   | 611.0 | 611.7 | 611.7 | 610.9 | 610.1 | 609.3 | 608.4 |
| 177.5° | 611.9 | 612.6 | 612.5 | 611.7 | 610.9 | 610.1 | 609.3 |
| 180°   | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 | 610.7 |

(END OF REPORT)