

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1011976

Luminaire Tested: S123DIP-B775D1195UB50-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1011976  
REPORT IS A COMBINATION OF REPORTS P990330 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B775D1195UB50-4F0-XX-W2A-A  
Description: Define 3 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

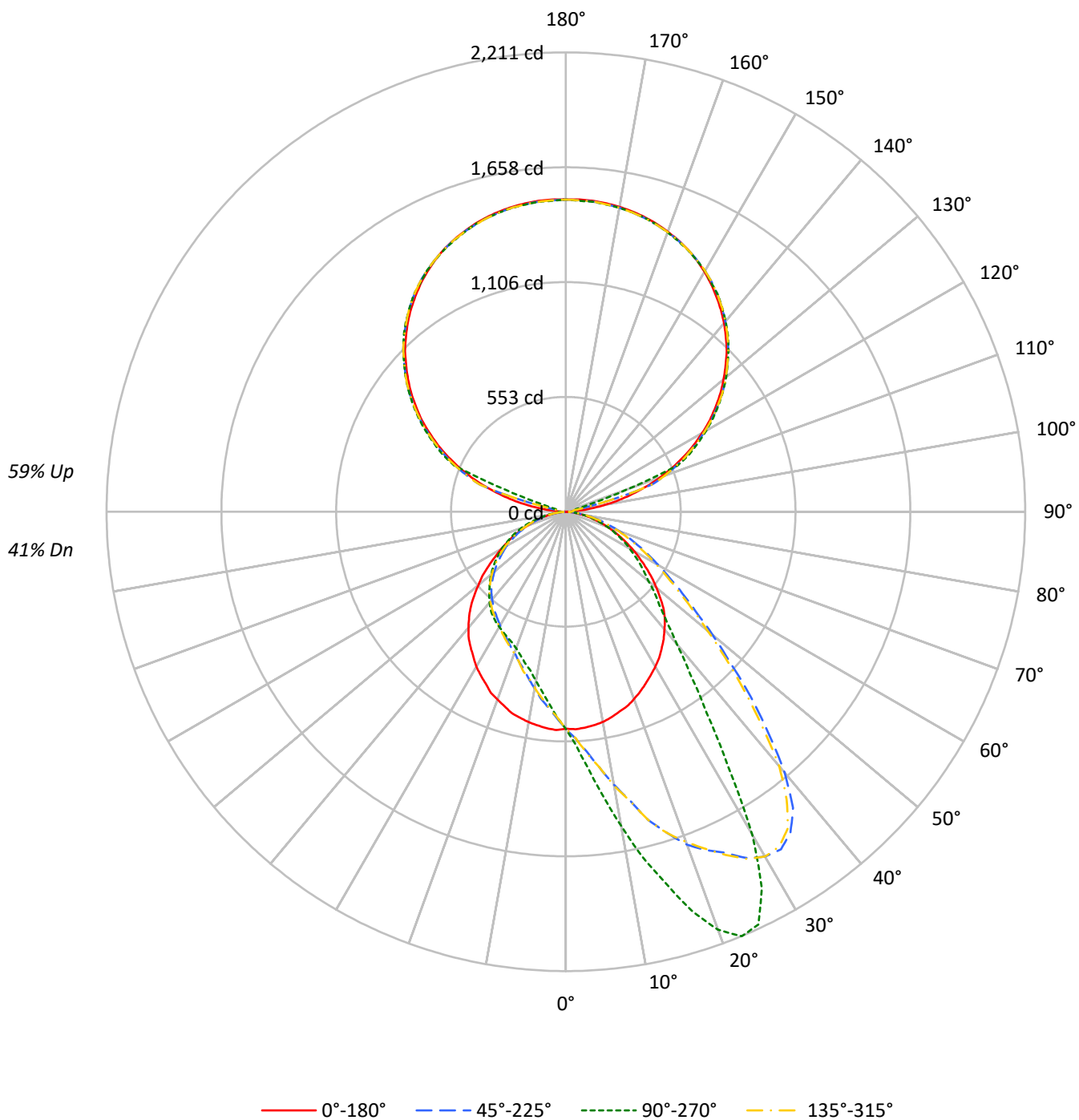
Lumens per Lamp: N/A  
Luminaire Lumens: 7736.0 lumens  
Efficiency: N/A  
Efficacy: 109.1 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 70.9  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 78 | 78 | 78 | 62 | 62 | 62 | 48 | 48 | 48 |
| 1   | 96  | 92  | 88  | 85  | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 54 | 52 | 42 | 42 | 41 |
| 2   | 88  | 80  | 74  | 69  | 80 | 73 | 68 | 64 | 61 | 57 | 54 | 49 | 46 | 44 | 38 | 36 | 35 |
| 3   | 80  | 71  | 64  | 58  | 73 | 65 | 59 | 54 | 54 | 49 | 45 | 43 | 40 | 37 | 33 | 31 | 30 |
| 4   | 73  | 63  | 55  | 49  | 66 | 57 | 51 | 46 | 48 | 43 | 39 | 39 | 35 | 32 | 30 | 28 | 26 |
| 5   | 67  | 56  | 48  | 42  | 61 | 51 | 44 | 39 | 43 | 37 | 33 | 35 | 31 | 28 | 27 | 24 | 22 |
| 6   | 62  | 50  | 42  | 37  | 56 | 46 | 39 | 34 | 38 | 33 | 29 | 31 | 27 | 24 | 25 | 22 | 20 |
| 7   | 57  | 45  | 37  | 32  | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 28 | 25 | 22 | 22 | 20 | 18 |
| 8   | 53  | 41  | 33  | 28  | 48 | 38 | 31 | 26 | 32 | 26 | 23 | 26 | 22 | 19 | 21 | 18 | 16 |
| 9   | 49  | 37  | 30  | 25  | 45 | 34 | 28 | 23 | 29 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 14 |
| 10  | 46  | 34  | 27  | 22  | 42 | 32 | 25 | 21 | 27 | 22 | 18 | 22 | 18 | 16 | 18 | 15 | 13 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11241 | 11241 | 11241 | 11241 |
| 5°  | 11248 | 12953 | 11282 | 9666  |
| 10° | 11177 | 15673 | 11189 | 8442  |
| 15° | 11023 | 18588 | 11113 | 7598  |
| 20° | 10889 | 21401 | 10913 | 6992  |
| 25° | 10693 | 21940 | 10716 | 6675  |
| 30° | 10552 | 18127 | 10552 | 6468  |
| 35° | 10377 | 12123 | 10311 | 6284  |
| 40° | 10166 | 8751  | 10041 | 6004  |
| 45° | 9904  | 6932  | 9619  | 5655  |
| 50° | 9264  | 5887  | 8936  | 5313  |
| 55° | 8563  | 5173  | 8215  | 4931  |
| 60° | 7851  | 4504  | 7435  | 4530  |
| 65° | 7071  | 3856  | 6728  | 3995  |
| 70° | 6258  | 3201  | 5840  | 3369  |
| 75° | 5352  | 2414  | 5006  | 2599  |
| 80° | 4229  | 1612  | 3898  | 1709  |
| 85° | 2920  | 740   | 2334  | 674   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 18129 cd/sqm

TEST NUMBER: P1011976

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 102.7  | 1.3       |
| 10°-20°   | 329.9  | 4.3       |
| 20°-30°   | 555.1  | 7.2       |
| 30°-40°   | 627.3  | 8.1       |
| 40°-50°   | 561.8  | 7.3       |
| 50°-60°   | 453.5  | 5.9       |
| 60°-70°   | 316.0  | 4.1       |
| 70°-80°   | 165.9  | 2.1       |
| 80°-90°   | 42.8   | 0.6       |
| 90°-100°  | 53.0   | 0.7       |
| 100°-110° | 256.2  | 3.3       |
| 110°-120° | 627.8  | 8.1       |
| 120°-130° | 797.0  | 10.3      |
| 130°-140° | 851.4  | 11.0      |
| 140°-150° | 796.2  | 10.3      |
| 150°-160° | 642.2  | 8.3       |
| 160°-170° | 414.4  | 5.4       |
| 170°-180° | 142.8  | 1.8       |
| 0°-30°    | 987.7  | 12.8      |
| 0°-40°    | 1615.0 | 20.9      |
| 0°-60°    | 2630.3 | 34.0      |
| 0°-90°    | 3155.0 | 40.8      |
| 90°-120°  | 937.0  | 12.1      |
| 90°-150°  | 3381.6 | 43.7      |
| 90°-180°  | 4581.0 | 59.2      |
| 0°-180°   | 7736.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1044 | 1044 | 1044 | 1044 | 1044 |      |
| 5°   | 1043 | 1241 | 1046 | 926  | 1043 | 99   |
| 15°  | 996  | 1847 | 1004 | 755  | 996  | 281  |
| 25°  | 911  | 2192 | 913  | 667  | 911  | 420  |
| 35°  | 804  | 1181 | 798  | 612  | 804  | 503  |
| 45°  | 667  | 638  | 648  | 520  | 667  | 510  |
| 55°  | 473  | 433  | 453  | 413  | 473  | 423  |
| 65°  | 292  | 281  | 278  | 291  | 292  | 291  |
| 75°  | 141  | 145  | 132  | 156  | 141  | 151  |
| 85°  | 30   | 33   | 24   | 30   | 30   | 35   |
| 90°  | 1    | 34   | 1    | 34   | 1    | 6    |
| 95°  | 68   | 42   | 68   | 42   | 68   | 81   |
| 105° | 333  | 49   | 333  | 49   | 333  | 353  |
| 115° | 624  | 656  | 624  | 656  | 624  | 616  |
| 125° | 880  | 898  | 880  | 898  | 880  | 786  |
| 135° | 1095 | 1106 | 1095 | 1106 | 1095 | 843  |
| 145° | 1264 | 1276 | 1264 | 1276 | 1264 | 791  |
| 155° | 1392 | 1390 | 1392 | 1390 | 1392 | 641  |
| 165° | 1468 | 1465 | 1468 | 1465 | 1468 | 415  |
| 175° | 1503 | 1497 | 1503 | 1497 | 1503 | 143  |
| 180° | 1503 | 1503 | 1503 | 1503 | 1503 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 |
| 2.5°   | 1047.4 | 1055.5 | 1059.5 | 1065.6 | 1071.7 | 1080.8 | 1083.8 | 1088.9 | 1086.8 | 1090.9 | 1092.9 |
| 5°     | 1043.3 | 1057.5 | 1069.6 | 1084.8 | 1099.0 | 1109.1 | 1119.2 | 1135.4 | 1147.6 | 1149.6 | 1158.7 |
| 7.5°   | 1036.2 | 1056.5 | 1077.7 | 1099.0 | 1126.3 | 1142.5 | 1160.7 | 1183.0 | 1201.2 | 1230.5 | 1241.7 |
| 10°    | 1027.1 | 1055.5 | 1085.8 | 1115.2 | 1152.6 | 1177.9 | 1200.2 | 1237.6 | 1275.1 | 1305.4 | 1333.8 |
| 12.5°  | 1013.0 | 1048.4 | 1087.9 | 1131.4 | 1179.9 | 1209.3 | 1239.7 | 1289.2 | 1345.9 | 1392.5 | 1422.8 |
| 15°    | 995.8  | 1040.3 | 1090.9 | 1137.4 | 1191.1 | 1245.7 | 1278.1 | 1333.8 | 1414.7 | 1458.2 | 1536.2 |
| 17.5°  | 981.6  | 1027.1 | 1077.7 | 1150.6 | 1223.5 | 1278.1 | 1301.4 | 1403.6 | 1459.2 | 1532.1 | 1620.2 |
| 20°    | 959.3  | 1017.0 | 1081.8 | 1154.6 | 1248.8 | 1282.2 | 1329.7 | 1432.9 | 1501.8 | 1596.9 | 1705.2 |
| 22.5°  | 936.1  | 997.8  | 1075.7 | 1151.6 | 1256.9 | 1292.3 | 1357.0 | 1439.0 | 1548.3 | 1642.4 | 1761.8 |
| 25°    | 910.8  | 977.6  | 1056.5 | 1146.6 | 1249.8 | 1301.4 | 1362.1 | 1463.3 | 1581.7 | 1700.1 | 1810.4 |
| 27.5°  | 885.5  | 958.3  | 1040.3 | 1130.4 | 1230.5 | 1291.3 | 1352.0 | 1457.2 | 1609.0 | 1737.5 | 1878.2 |
| 30°    | 861.2  | 934.0  | 1016.0 | 1108.1 | 1213.3 | 1272.0 | 1329.7 | 1461.3 | 1630.3 | 1775.0 | 1916.7 |
| 32.5°  | 834.9  | 909.8  | 995.8  | 1072.7 | 1178.9 | 1241.7 | 1306.4 | 1461.3 | 1643.4 | 1797.2 | 1926.8 |
| 35°    | 803.5  | 880.4  | 954.3  | 1031.2 | 1136.4 | 1206.3 | 1279.1 | 1451.2 | 1655.6 | 1804.3 | 1884.3 |
| 37.5°  | 773.1  | 840.9  | 904.7  | 979.6  | 1089.9 | 1164.8 | 1248.8 | 1439.0 | 1649.5 | 1774.0 | 1796.2 |
| 40°    | 738.7  | 806.5  | 858.1  | 928.0  | 1044.3 | 1131.4 | 1216.4 | 1422.8 | 1623.2 | 1702.1 | 1637.4 |
| 42.5°  | 705.3  | 759.0  | 803.5  | 871.3  | 997.8  | 1082.8 | 1174.9 | 1393.5 | 1571.6 | 1587.8 | 1442.0 |
| 45°    | 666.9  | 705.3  | 744.8  | 821.7  | 947.2  | 1034.2 | 1136.4 | 1351.0 | 1488.6 | 1442.0 | 1257.9 |
| 47.5°  | 617.3  | 651.7  | 695.2  | 766.1  | 893.6  | 983.6  | 1080.8 | 1296.3 | 1368.2 | 1271.0 | 1069.6 |
| 50°    | 569.7  | 599.1  | 639.6  | 708.4  | 836.9  | 924.9  | 1028.2 | 1210.3 | 1245.7 | 1092.9 | 921.9  |
| 52.5°  | 522.2  | 544.4  | 583.9  | 652.7  | 781.2  | 866.2  | 960.4  | 1122.3 | 1102.0 | 938.1  | 786.3  |
| 55°    | 472.6  | 491.8  | 529.3  | 597.1  | 716.5  | 797.4  | 887.5  | 1014.0 | 961.4  | 805.5  | 684.1  |
| 57.5°  | 424.0  | 444.3  | 482.7  | 539.4  | 651.7  | 730.6  | 802.5  | 901.7  | 822.7  | 698.3  | 591.0  |
| 60°    | 380.5  | 397.7  | 427.0  | 482.7  | 584.9  | 648.7  | 714.4  | 782.2  | 716.5  | 596.0  | 514.1  |
| 62.5°  | 335.0  | 351.2  | 378.5  | 429.1  | 517.1  | 573.8  | 626.4  | 682.1  | 609.2  | 521.2  | 448.3  |
| 65°    | 292.5  | 305.6  | 330.9  | 377.5  | 449.3  | 495.9  | 538.4  | 576.8  | 518.1  | 437.2  | 382.5  |
| 67.5°  | 254.0  | 265.1  | 286.4  | 327.9  | 388.6  | 422.0  | 456.4  | 488.8  | 439.2  | 374.4  | 327.9  |
| 70°    | 212.5  | 221.6  | 240.8  | 271.2  | 319.8  | 354.2  | 379.5  | 403.8  | 359.2  | 307.6  | 276.3  |
| 72.5°  | 176.1  | 185.2  | 197.3  | 228.7  | 262.1  | 283.3  | 310.7  | 323.8  | 298.5  | 256.0  | 224.7  |
| 75°    | 140.7  | 147.7  | 158.9  | 179.1  | 210.5  | 224.7  | 241.9  | 252.0  | 228.7  | 200.4  | 181.1  |
| 77.5°  | 110.3  | 113.3  | 121.4  | 135.6  | 156.9  | 173.0  | 186.2  | 192.3  | 176.1  | 157.9  | 141.7  |
| 80°    | 77.9   | 82.0   | 88.0   | 100.2  | 116.4  | 121.4  | 129.5  | 136.6  | 126.5  | 110.3  | 100.2  |
| 82.5°  | 51.6   | 56.7   | 59.7   | 64.8   | 74.9   | 81.0   | 83.0   | 89.1   | 79.9   | 73.9   | 69.8   |
| 85°    | 30.4   | 32.4   | 33.4   | 36.4   | 41.5   | 44.5   | 47.6   | 48.6   | 46.6   | 45.5   | 41.5   |
| 87.5°  | 15.2   | 15.2   | 15.2   | 17.2   | 18.2   | 20.2   | 21.3   | 21.3   | 21.3   | 20.2   | 19.2   |
| 90°    | 1.1    | 3.6    | 6.1    | 8.6    | 11.1   | 12.3   | 13.9   | 17.1   | 20.4   | 23.6   | 26.8   |
| 92.5°  | 25.7   | 24.2   | 22.7   | 21.2   | 19.7   | 19.0   | 20.1   | 22.3   | 24.6   | 26.8   | 29.0   |
| 95°    | 68.1   | 57.9   | 47.7   | 37.6   | 27.4   | 22.3   | 23.7   | 26.4   | 29.1   | 31.9   | 34.6   |
| 97.5°  | 123.9  | 117.0  | 110.0  | 103.1  | 96.2   | 92.7   | 86.4   | 73.7   | 61.0   | 48.4   | 35.7   |
| 100°   | 188.7  | 193.7  | 198.6  | 203.6  | 208.5  | 211.0  | 191.6  | 152.9  | 114.2  | 75.5   | 36.8   |
| 102.5° | 262.4  | 265.6  | 268.8  | 272.1  | 275.3  | 276.9  | 255.3  | 212.1  | 169.0  | 125.8  | 82.6   |
| 105°   | 332.7  | 335.4  | 338.2  | 340.9  | 343.6  | 345.0  | 333.8  | 311.5  | 289.2  | 266.8  | 244.5  |
| 107.5° | 407.5  | 409.7  | 411.9  | 414.2  | 416.4  | 417.5  | 419.4  | 423.1  | 426.8  | 430.6  | 434.3  |
| 110°   | 482.3  | 484.3  | 486.3  | 488.2  | 490.2  | 491.2  | 492.6  | 495.3  | 498.0  | 500.8  | 503.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 553.7  | 555.4  | 557.2  | 558.9  | 560.6  | 561.5  | 562.9  | 565.6  | 568.3  | 571.1  | 573.8  |
| 115°   | 624.1  | 625.6  | 627.1  | 628.6  | 630.1  | 630.8  | 631.9  | 634.1  | 636.4  | 638.6  | 640.8  |
| 117.5° | 693.3  | 695.0  | 696.8  | 698.5  | 700.2  | 701.1  | 701.7  | 703.0  | 704.2  | 705.5  | 706.7  |
| 120°   | 756.9  | 759.1  | 761.4  | 763.6  | 765.9  | 767.0  | 767.4  | 768.1  | 768.8  | 769.6  | 770.3  |
| 122.5° | 821.7  | 823.4  | 825.2  | 826.9  | 828.6  | 829.5  | 830.0  | 831.0  | 831.9  | 832.9  | 833.9  |
| 125°   | 879.7  | 881.7  | 883.7  | 885.6  | 887.6  | 888.6  | 889.1  | 890.1  | 891.1  | 892.1  | 893.1  |
| 127.5° | 937.8  | 939.8  | 941.8  | 943.7  | 945.7  | 946.7  | 947.3  | 948.6  | 949.8  | 951.1  | 952.3  |
| 130°   | 991.4  | 993.4  | 995.4  | 997.3  | 999.3  | 1000.3 | 1000.8 | 1001.8 | 1002.8 | 1003.8 | 1004.8 |
| 132.5° | 1042.7 | 1044.7 | 1046.7 | 1048.6 | 1050.6 | 1051.6 | 1052.0 | 1052.7 | 1053.5 | 1054.2 | 1055.0 |
| 135°   | 1095.2 | 1096.7 | 1098.2 | 1099.7 | 1101.2 | 1101.9 | 1102.4 | 1103.4 | 1104.3 | 1105.3 | 1106.3 |
| 137.5° | 1139.8 | 1141.8 | 1143.8 | 1145.8 | 1147.8 | 1148.8 | 1149.0 | 1149.5 | 1150.0 | 1150.5 | 1151.0 |
| 140°   | 1184.5 | 1186.0 | 1187.5 | 1189.0 | 1190.5 | 1191.2 | 1191.6 | 1192.3 | 1193.0 | 1193.8 | 1194.5 |
| 142.5° | 1225.8 | 1227.3 | 1228.8 | 1230.3 | 1231.8 | 1232.5 | 1232.9 | 1233.6 | 1234.3 | 1235.1 | 1235.8 |
| 145°   | 1263.8 | 1265.5 | 1267.3 | 1269.0 | 1270.7 | 1271.6 | 1271.8 | 1272.3 | 1272.8 | 1273.3 | 1273.8 |
| 147.5° | 1300.6 | 1301.8 | 1303.1 | 1304.3 | 1305.6 | 1306.2 | 1306.4 | 1306.9 | 1307.4 | 1307.9 | 1308.4 |
| 150°   | 1334.1 | 1334.8 | 1335.6 | 1336.3 | 1337.0 | 1337.4 | 1337.7 | 1338.2 | 1338.7 | 1339.2 | 1339.7 |
| 152.5° | 1364.2 | 1364.4 | 1364.7 | 1364.9 | 1365.2 | 1365.3 | 1365.4 | 1365.7 | 1366.0 | 1366.2 | 1366.5 |
| 155°   | 1392.1 | 1391.6 | 1391.1 | 1390.6 | 1390.1 | 1389.9 | 1390.0 | 1390.3 | 1390.5 | 1390.8 | 1391.0 |
| 157.5° | 1414.5 | 1414.5 | 1414.5 | 1414.5 | 1414.5 | 1414.5 | 1414.4 | 1414.1 | 1413.9 | 1413.6 | 1413.4 |
| 160°   | 1434.6 | 1434.3 | 1434.1 | 1433.8 | 1433.5 | 1433.4 | 1433.3 | 1433.0 | 1432.8 | 1432.5 | 1432.3 |
| 162.5° | 1453.5 | 1452.8 | 1452.0 | 1451.3 | 1450.6 | 1450.2 | 1450.1 | 1449.8 | 1449.6 | 1449.3 | 1449.1 |
| 165°   | 1468.1 | 1467.3 | 1466.6 | 1465.8 | 1465.1 | 1464.7 | 1464.6 | 1464.3 | 1464.1 | 1463.8 | 1463.6 |
| 167.5° | 1480.3 | 1479.3 | 1478.3 | 1477.4 | 1476.4 | 1475.9 | 1475.9 | 1475.9 | 1475.9 | 1475.9 | 1475.9 |
| 170°   | 1490.4 | 1489.4 | 1488.4 | 1487.4 | 1486.4 | 1485.9 | 1485.9 | 1485.9 | 1485.9 | 1485.9 | 1485.9 |
| 172.5° | 1497.1 | 1495.9 | 1494.6 | 1493.4 | 1492.1 | 1491.5 | 1491.6 | 1491.9 | 1492.1 | 1492.4 | 1492.6 |
| 175°   | 1502.7 | 1501.5 | 1500.2 | 1499.0 | 1497.7 | 1497.1 | 1497.2 | 1497.5 | 1497.7 | 1498.0 | 1498.2 |
| 177.5° | 1504.9 | 1503.7 | 1502.4 | 1501.2 | 1499.9 | 1499.3 | 1499.4 | 1499.7 | 1499.9 | 1500.2 | 1500.4 |
| 180°   | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 |

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CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 |
| 2.5°   | 1100.0 | 1102.0 | 1109.1 | 1114.2 | 1124.3 | 1123.3 | 1123.3 | 1122.3 | 1119.2 | 1124.3 | 1127.3 |
| 5°     | 1176.9 | 1194.1 | 1196.1 | 1218.4 | 1219.4 | 1228.5 | 1234.6 | 1229.5 | 1241.7 | 1240.7 | 1231.6 |
| 7.5°   | 1272.0 | 1295.3 | 1306.4 | 1327.7 | 1352.0 | 1345.9 | 1369.2 | 1373.2 | 1371.2 | 1381.3 | 1388.4 |
| 10°    | 1376.3 | 1416.7 | 1445.1 | 1484.5 | 1494.7 | 1500.7 | 1515.9 | 1529.1 | 1555.4 | 1535.1 | 1548.3 |
| 12.5°  | 1495.7 | 1525.0 | 1562.5 | 1625.2 | 1656.6 | 1676.8 | 1683.9 | 1693.0 | 1711.2 | 1700.1 | 1701.1 |
| 15°    | 1595.9 | 1635.3 | 1699.1 | 1777.0 | 1786.1 | 1811.4 | 1805.3 | 1860.0 | 1886.3 | 1846.8 | 1869.1 |
| 17.5°  | 1700.1 | 1752.7 | 1828.6 | 1896.4 | 1934.9 | 1952.1 | 1968.3 | 2020.9 | 2018.9 | 2012.8 | 2017.9 |
| 20°    | 1766.9 | 1852.9 | 1947.0 | 2037.1 | 2048.2 | 2061.4 | 2104.9 | 2127.1 | 2123.1 | 2140.3 | 2151.4 |
| 22.5°  | 1861.0 | 1952.1 | 2052.3 | 2112.0 | 2137.3 | 2152.4 | 2186.8 | 2201.0 | 2207.1 | 2211.1 | 2204.1 |
| 25°    | 1939.9 | 2037.1 | 2111.0 | 2163.6 | 2178.8 | 2186.8 | 2198.0 | 2202.0 | 2199.0 | 2191.9 | 2198.0 |
| 27.5°  | 1993.6 | 2071.5 | 2122.1 | 2146.4 | 2138.3 | 2125.1 | 2103.9 | 2089.7 | 2058.3 | 2043.2 | 2061.4 |
| 30°    | 2015.8 | 2050.2 | 2065.4 | 2024.9 | 1984.5 | 1952.1 | 1911.6 | 1836.7 | 1778.0 | 1795.2 | 1771.9 |
| 32.5°  | 1980.4 | 1958.1 | 1885.3 | 1781.1 | 1749.7 | 1697.1 | 1582.7 | 1494.7 | 1497.7 | 1451.2 | 1470.4 |
| 35°    | 1876.2 | 1775.0 | 1637.4 | 1479.5 | 1438.0 | 1409.7 | 1284.2 | 1265.0 | 1224.5 | 1181.0 | 1193.1 |
| 37.5°  | 1692.0 | 1544.3 | 1377.3 | 1260.9 | 1199.2 | 1137.4 | 1066.6 | 1024.1 | 999.8  | 981.6  | 995.8  |
| 40°    | 1467.3 | 1287.2 | 1149.6 | 1045.4 | 992.7  | 953.3  | 904.7  | 862.2  | 834.9  | 831.8  | 836.9  |
| 42.5°  | 1246.7 | 1094.9 | 968.4  | 869.3  | 852.1  | 805.5  | 774.2  | 740.8  | 732.7  | 719.5  | 726.6  |
| 45°    | 1055.5 | 932.0  | 827.8  | 746.8  | 726.6  | 714.4  | 676.0  | 654.7  | 645.6  | 637.5  | 649.7  |
| 47.5°  | 916.8  | 787.3  | 711.4  | 662.8  | 642.6  | 622.4  | 601.1  | 586.9  | 579.9  | 580.9  | 579.9  |
| 50°    | 783.3  | 688.1  | 621.3  | 583.9  | 571.8  | 557.6  | 540.4  | 531.3  | 528.2  | 519.1  | 526.2  |
| 52.5°  | 674.0  | 605.2  | 558.6  | 523.2  | 514.1  | 504.0  | 489.8  | 484.7  | 477.6  | 475.6  | 475.6  |
| 55°    | 585.9  | 532.3  | 494.8  | 471.6  | 460.4  | 452.3  | 444.3  | 438.2  | 433.1  | 433.1  | 433.1  |
| 57.5°  | 517.1  | 470.6  | 443.2  | 423.0  | 419.0  | 410.9  | 401.7  | 401.7  | 394.7  | 393.7  | 396.7  |
| 60°    | 458.4  | 416.9  | 395.7  | 378.5  | 372.4  | 370.4  | 361.3  | 361.3  | 359.2  | 354.2  | 358.2  |
| 62.5°  | 398.7  | 368.4  | 350.1  | 337.0  | 330.9  | 330.9  | 323.8  | 318.8  | 318.8  | 319.8  | 317.8  |
| 65°    | 344.1  | 321.8  | 305.6  | 295.5  | 292.5  | 288.4  | 287.4  | 283.3  | 280.3  | 281.3  | 280.3  |
| 67.5°  | 295.5  | 278.3  | 267.2  | 259.1  | 254.0  | 252.0  | 248.9  | 248.9  | 246.9  | 247.9  | 242.9  |
| 70°    | 252.0  | 234.8  | 225.7  | 217.6  | 215.5  | 215.5  | 211.5  | 212.5  | 210.5  | 213.5  | 211.5  |
| 72.5°  | 207.5  | 194.3  | 187.2  | 184.2  | 182.2  | 181.1  | 179.1  | 177.1  | 176.1  | 178.1  | 177.1  |
| 75°    | 168.0  | 156.9  | 151.8  | 149.8  | 147.7  | 147.7  | 146.7  | 145.7  | 144.7  | 144.7  | 144.7  |
| 77.5°  | 130.5  | 123.5  | 117.4  | 119.4  | 116.4  | 117.4  | 114.4  | 114.4  | 115.4  | 114.4  | 114.4  |
| 80°    | 96.1   | 91.1   | 91.1   | 89.1   | 85.0   | 87.0   | 87.0   | 84.0   | 83.0   | 85.0   | 82.0   |
| 82.5°  | 63.8   | 62.7   | 60.7   | 59.7   | 57.7   | 58.7   | 57.7   | 56.7   | 55.7   | 57.7   | 55.7   |
| 85°    | 37.4   | 37.4   | 36.4   | 34.4   | 36.4   | 35.4   | 34.4   | 34.4   | 33.4   | 33.4   | 33.4   |
| 87.5°  | 19.2   | 17.2   | 17.2   | 16.2   | 17.2   | 15.2   | 16.2   | 15.2   | 14.2   | 15.2   | 14.2   |
| 90°    | 27.8   | 28.8   | 29.8   | 30.8   | 31.3   | 31.5   | 32.0   | 32.5   | 33.0   | 33.5   | 33.0   |
| 92.5°  | 30.7   | 32.5   | 34.2   | 35.9   | 36.8   | 36.9   | 37.2   | 37.5   | 37.7   | 38.0   | 37.7   |
| 95°    | 36.3   | 38.1   | 39.8   | 41.5   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   |
| 97.5°  | 37.7   | 39.7   | 41.7   | 43.7   | 44.7   | 44.8   | 45.1   | 45.3   | 45.6   | 45.8   | 45.6   |
| 100°   | 38.8   | 40.8   | 42.8   | 44.8   | 45.8   | 45.9   | 46.2   | 46.4   | 46.7   | 46.9   | 46.7   |
| 102.5° | 74.4   | 66.2   | 58.1   | 49.9   | 45.8   | 46.0   | 46.5   | 47.0   | 47.5   | 48.0   | 47.5   |
| 105°   | 200.6  | 156.7  | 112.8  | 68.9   | 46.9   | 47.1   | 47.6   | 48.1   | 48.6   | 49.1   | 48.6   |
| 107.5° | 396.1  | 357.9  | 319.7  | 281.5  | 262.4  | 246.1  | 213.6  | 181.1  | 148.6  | 116.1  | 148.6  |
| 110°   | 495.3  | 487.1  | 479.0  | 470.8  | 466.7  | 449.0  | 413.5  | 378.0  | 342.5  | 307.0  | 342.5  |

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CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 576.0  | 578.3  | 580.5  | 582.8  | 583.9  | 583.6  | 583.1  | 582.6  | 582.1  | 581.6  | 582.1  |
| 115°   | 643.3  | 645.8  | 648.3  | 650.8  | 652.0  | 652.5  | 653.5  | 654.4  | 655.4  | 656.4  | 655.4  |
| 117.5° | 708.7  | 710.7  | 712.6  | 714.6  | 715.6  | 715.7  | 716.0  | 716.2  | 716.5  | 716.7  | 716.5  |
| 120°   | 772.3  | 774.3  | 776.2  | 778.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  |
| 122.5° | 835.1  | 836.4  | 837.6  | 838.9  | 839.5  | 839.6  | 839.9  | 840.1  | 840.4  | 840.6  | 840.4  |
| 125°   | 893.6  | 894.1  | 894.6  | 895.1  | 895.3  | 895.6  | 896.1  | 896.6  | 897.1  | 897.6  | 897.1  |
| 127.5° | 953.0  | 953.8  | 954.5  | 955.2  | 955.6  | 955.4  | 954.9  | 954.4  | 953.9  | 953.4  | 953.9  |
| 130°   | 1005.8 | 1006.8 | 1007.7 | 1008.7 | 1009.2 | 1009.0 | 1008.5 | 1008.0 | 1007.5 | 1007.0 | 1007.5 |
| 132.5° | 1056.0 | 1057.0 | 1058.0 | 1059.0 | 1059.5 | 1059.1 | 1058.4 | 1057.6 | 1056.9 | 1056.1 | 1056.9 |
| 135°   | 1107.1 | 1107.8 | 1108.6 | 1109.3 | 1109.7 | 1109.3 | 1108.6 | 1107.8 | 1107.1 | 1106.3 | 1107.1 |
| 137.5° | 1152.2 | 1153.5 | 1154.7 | 1156.0 | 1156.6 | 1156.3 | 1155.8 | 1155.3 | 1154.8 | 1154.3 | 1154.8 |
| 140°   | 1195.5 | 1196.5 | 1197.5 | 1198.5 | 1199.0 | 1198.8 | 1198.3 | 1197.8 | 1197.3 | 1196.8 | 1197.3 |
| 142.5° | 1236.6 | 1237.3 | 1238.1 | 1238.8 | 1239.2 | 1238.8 | 1238.1 | 1237.3 | 1236.6 | 1235.8 | 1236.6 |
| 145°   | 1274.3 | 1274.8 | 1275.3 | 1275.8 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 |
| 147.5° | 1308.9 | 1309.4 | 1309.9 | 1310.4 | 1310.6 | 1310.0 | 1308.8 | 1307.5 | 1306.3 | 1305.1 | 1306.3 |
| 150°   | 1340.2 | 1340.7 | 1341.2 | 1341.7 | 1341.9 | 1341.5 | 1340.8 | 1340.1 | 1339.3 | 1338.6 | 1339.3 |
| 152.5° | 1367.5 | 1368.5 | 1369.4 | 1370.4 | 1370.9 | 1370.3 | 1369.0 | 1367.8 | 1366.5 | 1365.3 | 1366.5 |
| 155°   | 1392.2 | 1393.5 | 1394.7 | 1396.0 | 1396.6 | 1395.9 | 1394.4 | 1392.9 | 1391.4 | 1389.9 | 1391.4 |
| 157.5° | 1414.9 | 1416.4 | 1417.9 | 1419.4 | 1420.1 | 1419.1 | 1417.1 | 1415.1 | 1413.1 | 1411.1 | 1413.1 |
| 160°   | 1433.8 | 1435.3 | 1436.8 | 1438.3 | 1439.0 | 1438.1 | 1436.4 | 1434.7 | 1432.9 | 1431.2 | 1432.9 |
| 162.5° | 1450.8 | 1452.6 | 1454.3 | 1456.0 | 1456.9 | 1456.2 | 1454.7 | 1453.2 | 1451.7 | 1450.2 | 1451.7 |
| 165°   | 1465.6 | 1467.6 | 1469.5 | 1471.5 | 1472.5 | 1471.6 | 1469.9 | 1468.2 | 1466.4 | 1464.7 | 1466.4 |
| 167.5° | 1477.9 | 1479.9 | 1481.8 | 1483.8 | 1484.8 | 1483.8 | 1481.8 | 1479.9 | 1477.9 | 1475.9 | 1477.9 |
| 170°   | 1487.9 | 1489.9 | 1491.8 | 1493.8 | 1494.8 | 1493.8 | 1491.8 | 1489.9 | 1487.9 | 1485.9 | 1487.9 |
| 172.5° | 1494.6 | 1496.6 | 1498.5 | 1500.5 | 1501.5 | 1500.4 | 1498.2 | 1495.9 | 1493.7 | 1491.5 | 1493.7 |
| 175°   | 1499.9 | 1501.7 | 1503.4 | 1505.1 | 1506.0 | 1505.0 | 1503.0 | 1501.1 | 1499.1 | 1497.1 | 1499.1 |
| 177.5° | 1502.4 | 1504.4 | 1506.4 | 1508.4 | 1509.4 | 1508.2 | 1505.7 | 1503.2 | 1500.7 | 1498.2 | 1500.7 |
| 180°   | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 |

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 |
| 2.5°   | 1119.2 | 1122.3 | 1114.2 | 1112.1 | 1112.1 | 1116.2 | 1113.2 | 1085.8 | 1090.9 | 1084.8 | 1082.8 |
| 5°     | 1242.7 | 1236.6 | 1228.5 | 1224.5 | 1219.4 | 1205.2 | 1204.2 | 1172.9 | 1166.8 | 1146.6 | 1137.4 |
| 7.5°   | 1378.3 | 1373.2 | 1348.9 | 1345.9 | 1343.9 | 1330.7 | 1297.3 | 1263.9 | 1239.7 | 1216.4 | 1194.1 |
| 10°    | 1533.1 | 1517.9 | 1506.8 | 1484.5 | 1473.4 | 1455.2 | 1411.7 | 1380.3 | 1338.8 | 1303.4 | 1256.9 |
| 12.5°  | 1719.3 | 1702.1 | 1664.7 | 1648.5 | 1634.3 | 1583.7 | 1540.2 | 1504.8 | 1423.8 | 1399.5 | 1341.9 |
| 15°    | 1855.9 | 1819.5 | 1815.5 | 1780.0 | 1778.0 | 1722.4 | 1639.4 | 1600.9 | 1538.2 | 1449.1 | 1389.4 |
| 17.5°  | 2003.7 | 1971.3 | 1946.0 | 1903.5 | 1897.4 | 1844.8 | 1784.1 | 1690.0 | 1621.2 | 1536.2 | 1460.3 |
| 20°    | 2112.0 | 2094.8 | 2051.2 | 2034.0 | 1998.6 | 1954.1 | 1891.4 | 1775.0 | 1691.0 | 1606.0 | 1512.9 |
| 22.5°  | 2198.0 | 2180.8 | 2146.4 | 2123.1 | 2102.9 | 2045.2 | 1970.3 | 1871.1 | 1755.8 | 1644.4 | 1548.3 |
| 25°    | 2197.0 | 2191.9 | 2177.7 | 2166.6 | 2151.4 | 2108.9 | 2046.2 | 1951.1 | 1822.5 | 1700.1 | 1566.5 |
| 27.5°  | 2072.5 | 2086.7 | 2111.0 | 2123.1 | 2120.1 | 2114.0 | 2078.6 | 1998.6 | 1883.3 | 1737.5 | 1587.8 |
| 30°    | 1813.4 | 1865.0 | 1910.6 | 1971.3 | 1989.5 | 2034.0 | 2054.3 | 2008.7 | 1916.7 | 1781.1 | 1615.1 |
| 32.5°  | 1503.8 | 1578.7 | 1677.8 | 1711.2 | 1768.9 | 1854.9 | 1951.1 | 1968.3 | 1910.6 | 1806.4 | 1632.3 |
| 35°    | 1233.6 | 1295.3 | 1372.2 | 1424.8 | 1476.5 | 1616.1 | 1737.5 | 1842.8 | 1862.0 | 1793.2 | 1628.2 |
| 37.5°  | 1021.1 | 1064.6 | 1132.4 | 1176.9 | 1224.5 | 1343.9 | 1513.9 | 1650.5 | 1746.6 | 1748.7 | 1617.1 |
| 40°    | 867.3  | 886.5  | 945.2  | 977.6  | 1023.1 | 1126.3 | 1278.1 | 1456.2 | 1596.9 | 1661.6 | 1587.8 |
| 42.5°  | 734.7  | 760.0  | 808.6  | 832.8  | 862.2  | 952.3  | 1052.4 | 1221.4 | 1395.5 | 1534.1 | 1533.1 |
| 45°    | 655.8  | 674.0  | 696.2  | 716.5  | 749.9  | 803.5  | 917.8  | 1044.3 | 1211.3 | 1368.2 | 1429.9 |
| 47.5°  | 585.9  | 603.1  | 625.4  | 631.5  | 653.7  | 704.3  | 774.2  | 884.5  | 1040.3 | 1196.1 | 1312.5 |
| 50°    | 527.2  | 541.4  | 556.6  | 567.7  | 577.8  | 619.3  | 671.9  | 765.0  | 889.5  | 1040.3 | 1185.0 |
| 52.5°  | 481.7  | 491.8  | 505.0  | 511.0  | 520.1  | 550.5  | 591.0  | 659.8  | 762.0  | 899.6  | 1040.3 |
| 55°    | 439.2  | 446.3  | 454.4  | 464.5  | 468.5  | 490.8  | 522.2  | 580.9  | 656.8  | 780.2  | 913.8  |
| 57.5°  | 399.7  | 402.8  | 407.8  | 413.9  | 419.0  | 438.2  | 465.5  | 505.0  | 571.8  | 666.9  | 793.4  |
| 60°    | 355.2  | 363.3  | 366.3  | 372.4  | 375.4  | 390.6  | 411.9  | 445.3  | 496.9  | 578.8  | 674.0  |
| 62.5°  | 317.8  | 322.8  | 327.9  | 330.9  | 338.0  | 343.1  | 360.3  | 390.6  | 433.1  | 493.8  | 579.9  |
| 65°    | 284.4  | 286.4  | 289.4  | 292.5  | 294.5  | 300.6  | 316.7  | 337.0  | 369.4  | 423.0  | 489.8  |
| 67.5°  | 245.9  | 247.9  | 252.0  | 253.0  | 255.0  | 263.1  | 272.2  | 289.4  | 316.7  | 357.2  | 411.9  |
| 70°    | 208.5  | 211.5  | 213.5  | 215.5  | 218.6  | 221.6  | 231.7  | 245.9  | 267.2  | 295.5  | 338.0  |
| 72.5°  | 176.1  | 179.1  | 179.1  | 181.1  | 180.1  | 184.2  | 194.3  | 204.4  | 218.6  | 241.9  | 279.3  |
| 75°    | 143.7  | 143.7  | 145.7  | 146.7  | 147.7  | 151.8  | 155.8  | 163.9  | 175.1  | 193.3  | 216.6  |
| 77.5°  | 113.3  | 112.3  | 114.4  | 114.4  | 114.4  | 117.4  | 121.4  | 125.5  | 132.6  | 145.7  | 163.9  |
| 80°    | 83.0   | 83.0   | 85.0   | 86.0   | 84.0   | 85.0   | 87.0   | 91.1   | 96.1   | 105.2  | 115.4  |
| 82.5°  | 54.6   | 58.7   | 57.7   | 58.7   | 57.7   | 59.7   | 60.7   | 61.7   | 63.8   | 67.8   | 74.9   |
| 85°    | 33.4   | 33.4   | 33.4   | 34.4   | 33.4   | 34.4   | 34.4   | 34.4   | 35.4   | 37.4   | 40.5   |
| 87.5°  | 14.2   | 14.2   | 14.2   | 15.2   | 14.2   | 14.2   | 15.2   | 14.2   | 15.2   | 15.2   | 16.2   |
| 90°    | 32.5   | 32.0   | 31.5   | 31.3   | 30.8   | 29.8   | 28.8   | 27.8   | 26.8   | 23.6   | 20.4   |
| 92.5°  | 37.5   | 37.2   | 36.9   | 36.8   | 35.9   | 34.2   | 32.5   | 30.7   | 29.0   | 26.8   | 24.6   |
| 95°    | 42.4   | 42.4   | 42.4   | 42.4   | 41.5   | 39.8   | 38.1   | 36.3   | 34.6   | 31.9   | 29.1   |
| 97.5°  | 45.3   | 45.1   | 44.8   | 44.7   | 43.7   | 41.7   | 39.7   | 37.7   | 35.7   | 48.4   | 61.0   |
| 100°   | 46.4   | 46.2   | 45.9   | 45.8   | 44.8   | 42.8   | 40.8   | 38.8   | 36.8   | 75.5   | 114.2  |
| 102.5° | 47.0   | 46.5   | 46.0   | 45.8   | 49.9   | 58.1   | 66.2   | 74.4   | 82.6   | 125.8  | 169.0  |
| 105°   | 48.1   | 47.6   | 47.1   | 46.9   | 68.9   | 112.8  | 156.7  | 200.6  | 244.5  | 266.8  | 289.2  |
| 107.5° | 181.1  | 213.6  | 246.1  | 262.4  | 281.5  | 319.7  | 357.9  | 396.1  | 434.3  | 430.6  | 426.8  |
| 110°   | 378.0  | 413.5  | 449.0  | 466.7  | 470.8  | 479.0  | 487.1  | 495.3  | 503.5  | 500.8  | 498.0  |

TEST NUMBER: P1011976

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 582.6  | 583.1  | 583.6  | 583.9  | 582.8  | 580.5  | 578.3  | 576.0  | 573.8  | 571.1  | 568.3  |
| 115°   | 654.4  | 653.5  | 652.5  | 652.0  | 650.8  | 648.3  | 645.8  | 643.3  | 640.8  | 638.6  | 636.4  |
| 117.5° | 716.2  | 716.0  | 715.7  | 715.6  | 714.6  | 712.6  | 710.7  | 708.7  | 706.7  | 705.5  | 704.2  |
| 120°   | 779.2  | 779.2  | 779.2  | 779.2  | 778.2  | 776.2  | 774.3  | 772.3  | 770.3  | 769.6  | 768.8  |
| 122.5° | 840.1  | 839.9  | 839.6  | 839.5  | 838.9  | 837.6  | 836.4  | 835.1  | 833.9  | 832.9  | 831.9  |
| 125°   | 896.6  | 896.1  | 895.6  | 895.3  | 895.1  | 894.6  | 894.1  | 893.6  | 893.1  | 892.1  | 891.1  |
| 127.5° | 954.4  | 954.9  | 955.4  | 955.6  | 955.2  | 954.5  | 953.8  | 953.0  | 952.3  | 951.1  | 949.8  |
| 130°   | 1008.0 | 1008.5 | 1009.0 | 1009.2 | 1008.7 | 1007.7 | 1006.8 | 1005.8 | 1004.8 | 1003.8 | 1002.8 |
| 132.5° | 1057.6 | 1058.4 | 1059.1 | 1059.5 | 1059.0 | 1058.0 | 1057.0 | 1056.0 | 1055.0 | 1054.2 | 1053.5 |
| 135°   | 1107.8 | 1108.6 | 1109.3 | 1109.7 | 1109.3 | 1108.6 | 1107.8 | 1107.1 | 1106.3 | 1105.3 | 1104.3 |
| 137.5° | 1155.3 | 1155.8 | 1156.3 | 1156.6 | 1156.0 | 1154.7 | 1153.5 | 1152.2 | 1151.0 | 1150.5 | 1150.0 |
| 140°   | 1197.8 | 1198.3 | 1198.8 | 1199.0 | 1198.5 | 1197.5 | 1196.5 | 1195.5 | 1194.5 | 1193.8 | 1193.0 |
| 142.5° | 1237.3 | 1238.1 | 1238.8 | 1239.2 | 1238.8 | 1238.1 | 1237.3 | 1236.6 | 1235.8 | 1235.1 | 1234.3 |
| 145°   | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1275.8 | 1275.3 | 1274.8 | 1274.3 | 1273.8 | 1273.3 | 1272.8 |
| 147.5° | 1307.5 | 1308.8 | 1310.0 | 1310.6 | 1310.4 | 1309.9 | 1309.4 | 1308.9 | 1308.4 | 1307.9 | 1307.4 |
| 150°   | 1340.1 | 1340.8 | 1341.5 | 1341.9 | 1341.7 | 1341.2 | 1340.7 | 1340.2 | 1339.7 | 1339.2 | 1338.7 |
| 152.5° | 1367.8 | 1369.0 | 1370.3 | 1370.9 | 1370.4 | 1369.4 | 1368.5 | 1367.5 | 1366.5 | 1366.2 | 1366.0 |
| 155°   | 1392.9 | 1394.4 | 1395.9 | 1396.6 | 1396.0 | 1394.7 | 1393.5 | 1392.2 | 1391.0 | 1390.8 | 1390.5 |
| 157.5° | 1415.1 | 1417.1 | 1419.1 | 1420.1 | 1419.4 | 1417.9 | 1416.4 | 1414.9 | 1413.4 | 1413.6 | 1413.9 |
| 160°   | 1434.7 | 1436.4 | 1438.1 | 1439.0 | 1438.3 | 1436.8 | 1435.3 | 1433.8 | 1432.3 | 1432.5 | 1432.8 |
| 162.5° | 1453.2 | 1454.7 | 1456.2 | 1456.9 | 1456.0 | 1454.3 | 1452.6 | 1450.8 | 1449.1 | 1449.3 | 1449.6 |
| 165°   | 1468.2 | 1469.9 | 1471.6 | 1472.5 | 1471.5 | 1469.5 | 1467.6 | 1465.6 | 1463.6 | 1463.8 | 1464.1 |
| 167.5° | 1479.9 | 1481.8 | 1483.8 | 1484.8 | 1483.8 | 1481.8 | 1479.9 | 1477.9 | 1475.9 | 1475.9 | 1475.9 |
| 170°   | 1489.9 | 1491.8 | 1493.8 | 1494.8 | 1493.8 | 1491.8 | 1489.9 | 1487.9 | 1485.9 | 1485.9 | 1485.9 |
| 172.5° | 1495.9 | 1498.2 | 1500.4 | 1501.5 | 1500.5 | 1498.5 | 1496.6 | 1494.6 | 1492.6 | 1492.4 | 1492.1 |
| 175°   | 1501.1 | 1503.0 | 1505.0 | 1506.0 | 1505.1 | 1503.4 | 1501.7 | 1499.9 | 1498.2 | 1498.0 | 1497.7 |
| 177.5° | 1503.2 | 1505.7 | 1508.2 | 1509.4 | 1508.4 | 1506.4 | 1504.4 | 1502.4 | 1500.4 | 1500.2 | 1499.9 |
| 180°   | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 |
| 2.5°   | 1072.7 | 1069.6 | 1069.6 | 1067.6 | 1061.5 | 1050.4 | 1049.4 | 1051.4 | 1045.4 | 1039.3 | 1030.2 |
| 5°     | 1125.3 | 1106.1 | 1100.0 | 1093.9 | 1081.8 | 1061.5 | 1053.5 | 1046.4 | 1035.2 | 1022.1 | 1007.9 |
| 7.5°   | 1169.8 | 1142.5 | 1134.4 | 1123.3 | 1099.0 | 1070.7 | 1052.4 | 1037.3 | 1022.1 | 1003.9 | 986.7  |
| 10°    | 1225.5 | 1186.0 | 1166.8 | 1150.6 | 1117.2 | 1077.7 | 1050.4 | 1028.2 | 1003.9 | 981.6  | 959.3  |
| 12.5°  | 1288.2 | 1224.5 | 1218.4 | 1178.9 | 1140.5 | 1081.8 | 1048.4 | 1016.0 | 983.6  | 956.3  | 933.0  |
| 15°    | 1340.8 | 1271.0 | 1245.7 | 1219.4 | 1145.5 | 1072.7 | 1040.3 | 1003.9 | 966.4  | 937.1  | 902.7  |
| 17.5°  | 1374.2 | 1316.6 | 1262.9 | 1227.5 | 1150.6 | 1085.8 | 1023.1 | 981.6  | 942.1  | 901.7  | 873.3  |
| 20°    | 1414.7 | 1330.7 | 1284.2 | 1236.6 | 1160.7 | 1075.7 | 1013.0 | 961.4  | 912.8  | 876.4  | 842.0  |
| 22.5°  | 1455.2 | 1341.9 | 1303.4 | 1251.8 | 1162.7 | 1065.6 | 994.8  | 943.1  | 887.5  | 851.1  | 813.6  |
| 25°    | 1451.2 | 1358.1 | 1294.3 | 1250.8 | 1142.5 | 1056.5 | 973.5  | 912.8  | 861.2  | 814.6  | 777.2  |
| 27.5°  | 1454.2 | 1339.8 | 1275.1 | 1224.5 | 1128.3 | 1043.3 | 951.2  | 887.5  | 833.9  | 785.3  | 745.8  |
| 30°    | 1455.2 | 1312.5 | 1255.8 | 1195.1 | 1102.0 | 1012.0 | 925.9  | 861.2  | 804.5  | 751.9  | 716.5  |
| 32.5°  | 1452.2 | 1290.3 | 1219.4 | 1164.8 | 1060.5 | 981.6  | 896.6  | 827.8  | 770.1  | 721.5  | 688.1  |
| 35°    | 1445.1 | 1263.9 | 1182.0 | 1113.2 | 1018.0 | 938.1  | 869.3  | 798.4  | 736.7  | 692.2  | 653.7  |
| 37.5°  | 1425.9 | 1235.6 | 1142.5 | 1074.7 | 968.4  | 887.5  | 826.8  | 768.1  | 708.4  | 655.8  | 623.4  |
| 40°    | 1411.7 | 1197.2 | 1103.0 | 1029.2 | 914.8  | 835.9  | 785.3  | 729.6  | 670.9  | 623.4  | 592.0  |
| 42.5°  | 1379.3 | 1160.7 | 1062.6 | 974.5  | 862.2  | 781.2  | 733.7  | 689.1  | 638.5  | 592.0  | 563.7  |
| 45°    | 1326.7 | 1121.3 | 1013.0 | 923.9  | 804.5  | 727.6  | 684.1  | 647.7  | 603.1  | 558.6  | 530.3  |
| 47.5°  | 1252.8 | 1064.6 | 960.4  | 871.3  | 747.8  | 669.9  | 626.4  | 599.1  | 563.7  | 526.2  | 501.9  |
| 50°    | 1172.9 | 1002.9 | 906.7  | 818.7  | 693.2  | 617.3  | 574.8  | 549.5  | 526.2  | 491.8  | 468.5  |
| 52.5°  | 1068.6 | 937.1  | 845.0  | 761.0  | 634.5  | 561.6  | 524.2  | 506.0  | 481.7  | 457.4  | 437.2  |
| 55°    | 967.4  | 852.1  | 776.2  | 696.2  | 576.8  | 509.0  | 472.6  | 453.4  | 439.2  | 419.0  | 402.8  |
| 57.5°  | 850.0  | 773.1  | 703.3  | 630.5  | 523.2  | 461.5  | 427.0  | 403.8  | 394.7  | 385.6  | 370.4  |
| 60°    | 741.8  | 683.1  | 626.4  | 565.7  | 467.5  | 411.9  | 378.5  | 360.3  | 351.2  | 345.1  | 335.0  |
| 62.5°  | 642.6  | 597.1  | 548.5  | 499.9  | 410.9  | 360.3  | 335.0  | 316.7  | 308.6  | 307.6  | 298.5  |
| 65°    | 547.5  | 515.1  | 475.6  | 428.1  | 358.2  | 313.7  | 289.4  | 278.3  | 269.2  | 269.2  | 262.1  |
| 67.5°  | 452.3  | 430.1  | 398.7  | 365.3  | 310.7  | 269.2  | 246.9  | 236.8  | 231.7  | 231.7  | 226.7  |
| 70°    | 376.4  | 361.3  | 332.9  | 303.6  | 256.0  | 224.7  | 207.5  | 198.3  | 195.3  | 196.3  | 192.3  |
| 72.5°  | 305.6  | 289.4  | 266.1  | 244.9  | 209.5  | 186.2  | 174.1  | 163.9  | 158.9  | 159.9  | 158.9  |
| 75°    | 236.8  | 228.7  | 208.5  | 192.3  | 163.9  | 147.7  | 136.6  | 131.6  | 127.5  | 128.5  | 126.5  |
| 77.5°  | 178.1  | 166.0  | 154.8  | 143.7  | 126.5  | 113.3  | 104.2  | 99.2   | 96.1   | 96.1   | 96.1   |
| 80°    | 121.4  | 119.4  | 110.3  | 104.2  | 90.1   | 79.9   | 72.9   | 71.8   | 68.8   | 68.8   | 68.8   |
| 82.5°  | 78.9   | 73.9   | 68.8   | 64.8   | 56.7   | 50.6   | 47.6   | 45.5   | 44.5   | 43.5   | 45.5   |
| 85°    | 43.5   | 40.5   | 38.5   | 34.4   | 31.4   | 28.3   | 25.3   | 24.3   | 23.3   | 24.3   | 23.3   |
| 87.5°  | 17.2   | 14.2   | 14.2   | 13.2   | 12.1   | 11.1   | 11.1   | 9.1    | 9.1    | 8.1    | 8.1    |
| 90°    | 17.1   | 13.9   | 12.3   | 11.1   | 8.6    | 6.1    | 3.6    | 1.1    | 3.6    | 6.1    | 8.6    |
| 92.5°  | 22.3   | 20.1   | 19.0   | 19.7   | 21.2   | 22.7   | 24.2   | 25.7   | 24.2   | 22.7   | 21.2   |
| 95°    | 26.4   | 23.7   | 22.3   | 27.4   | 37.6   | 47.7   | 57.9   | 68.1   | 57.9   | 47.7   | 37.6   |
| 97.5°  | 73.7   | 86.4   | 92.7   | 96.2   | 103.1  | 110.0  | 117.0  | 123.9  | 117.0  | 110.0  | 103.1  |
| 100°   | 152.9  | 191.6  | 211.0  | 208.5  | 203.6  | 198.6  | 193.7  | 188.7  | 193.7  | 198.6  | 203.6  |
| 102.5° | 212.1  | 255.3  | 276.9  | 275.3  | 272.1  | 268.8  | 265.6  | 262.4  | 265.6  | 268.8  | 272.1  |
| 105°   | 311.5  | 333.8  | 345.0  | 343.6  | 340.9  | 338.2  | 335.4  | 332.7  | 335.4  | 338.2  | 340.9  |
| 107.5° | 423.1  | 419.4  | 417.5  | 416.4  | 414.2  | 411.9  | 409.7  | 407.5  | 409.7  | 411.9  | 414.2  |
| 110°   | 495.3  | 492.6  | 491.2  | 490.2  | 488.2  | 486.3  | 484.3  | 482.3  | 484.3  | 486.3  | 488.2  |

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CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 565.6  | 562.9  | 561.5  | 560.6  | 558.9  | 557.2  | 555.4  | 553.7  | 555.4  | 557.2  | 558.9  |
| 115°   | 634.1  | 631.9  | 630.8  | 630.1  | 628.6  | 627.1  | 625.6  | 624.1  | 625.6  | 627.1  | 628.6  |
| 117.5° | 703.0  | 701.7  | 701.1  | 700.2  | 698.5  | 696.8  | 695.0  | 693.3  | 695.0  | 696.8  | 698.5  |
| 120°   | 768.1  | 767.4  | 767.0  | 765.9  | 763.6  | 761.4  | 759.1  | 756.9  | 759.1  | 761.4  | 763.6  |
| 122.5° | 831.0  | 830.0  | 829.5  | 828.6  | 826.9  | 825.2  | 823.4  | 821.7  | 823.4  | 825.2  | 826.9  |
| 125°   | 890.1  | 889.1  | 888.6  | 887.6  | 885.6  | 883.7  | 881.7  | 879.7  | 881.7  | 883.7  | 885.6  |
| 127.5° | 948.6  | 947.3  | 946.7  | 945.7  | 943.7  | 941.8  | 939.8  | 937.8  | 939.8  | 941.8  | 943.7  |
| 130°   | 1001.8 | 1000.8 | 1000.3 | 999.3  | 997.3  | 995.4  | 993.4  | 991.4  | 993.4  | 995.4  | 997.3  |
| 132.5° | 1052.7 | 1052.0 | 1051.6 | 1050.6 | 1048.6 | 1046.7 | 1044.7 | 1042.7 | 1044.7 | 1046.7 | 1048.6 |
| 135°   | 1103.4 | 1102.4 | 1101.9 | 1101.2 | 1099.7 | 1098.2 | 1096.7 | 1095.2 | 1096.7 | 1098.2 | 1099.7 |
| 137.5° | 1149.5 | 1149.0 | 1148.8 | 1147.8 | 1145.8 | 1143.8 | 1141.8 | 1139.8 | 1141.8 | 1143.8 | 1145.8 |
| 140°   | 1192.3 | 1191.6 | 1191.2 | 1190.5 | 1189.0 | 1187.5 | 1186.0 | 1184.5 | 1186.0 | 1187.5 | 1189.0 |
| 142.5° | 1233.6 | 1232.9 | 1232.5 | 1231.8 | 1230.3 | 1228.8 | 1227.3 | 1225.8 | 1227.3 | 1228.8 | 1230.3 |
| 145°   | 1272.3 | 1271.8 | 1271.6 | 1270.7 | 1269.0 | 1267.3 | 1265.5 | 1263.8 | 1265.5 | 1267.3 | 1269.0 |
| 147.5° | 1306.9 | 1306.4 | 1306.2 | 1305.6 | 1304.3 | 1303.1 | 1301.8 | 1300.6 | 1301.8 | 1303.1 | 1304.3 |
| 150°   | 1338.2 | 1337.7 | 1337.4 | 1337.0 | 1336.3 | 1335.6 | 1334.8 | 1334.1 | 1334.8 | 1335.6 | 1336.3 |
| 152.5° | 1365.7 | 1365.4 | 1365.3 | 1365.2 | 1364.9 | 1364.7 | 1364.4 | 1364.2 | 1364.4 | 1364.7 | 1364.9 |
| 155°   | 1390.3 | 1390.0 | 1389.9 | 1390.1 | 1390.6 | 1391.1 | 1391.6 | 1392.1 | 1391.6 | 1391.1 | 1390.6 |
| 157.5° | 1414.1 | 1414.4 | 1414.5 | 1414.5 | 1414.5 | 1414.5 | 1414.5 | 1414.5 | 1414.5 | 1414.5 | 1414.5 |
| 160°   | 1433.0 | 1433.3 | 1433.4 | 1433.5 | 1433.8 | 1434.1 | 1434.3 | 1434.6 | 1434.3 | 1434.1 | 1433.8 |
| 162.5° | 1449.8 | 1450.1 | 1450.2 | 1450.6 | 1451.3 | 1452.0 | 1452.8 | 1453.5 | 1452.8 | 1452.0 | 1451.3 |
| 165°   | 1464.3 | 1464.6 | 1464.7 | 1465.1 | 1465.8 | 1466.6 | 1467.3 | 1468.1 | 1467.3 | 1466.6 | 1465.8 |
| 167.5° | 1475.9 | 1475.9 | 1475.9 | 1476.4 | 1477.4 | 1478.3 | 1479.3 | 1480.3 | 1479.3 | 1478.3 | 1477.4 |
| 170°   | 1485.9 | 1485.9 | 1485.9 | 1486.4 | 1487.4 | 1488.4 | 1489.4 | 1490.4 | 1489.4 | 1488.4 | 1487.4 |
| 172.5° | 1491.9 | 1491.6 | 1491.5 | 1492.1 | 1493.4 | 1494.6 | 1495.9 | 1497.1 | 1495.9 | 1494.6 | 1493.4 |
| 175°   | 1497.5 | 1497.2 | 1497.1 | 1497.7 | 1499.0 | 1500.2 | 1501.5 | 1502.7 | 1501.5 | 1500.2 | 1499.0 |
| 177.5° | 1499.7 | 1499.4 | 1499.3 | 1499.9 | 1501.2 | 1502.4 | 1503.7 | 1504.9 | 1503.7 | 1502.4 | 1501.2 |
| 180°   | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 |

TEST NUMBER: P1011976

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 |
| 2.5°   | 1028.2 | 1027.1 | 1029.2 | 1023.1 | 1013.0 | 1007.9 | 993.7  | 990.7  | 989.7  | 990.7  | 991.7  |
| 5°     | 999.8  | 998.8  | 995.8  | 985.7  | 973.5  | 964.4  | 947.2  | 946.2  | 940.1  | 934.0  | 937.1  |
| 7.5°   | 972.5  | 968.4  | 962.4  | 949.2  | 933.0  | 922.9  | 908.7  | 898.6  | 890.5  | 885.5  | 881.4  |
| 10°    | 945.2  | 939.1  | 933.0  | 915.8  | 895.6  | 880.4  | 863.2  | 855.1  | 846.0  | 842.0  | 837.9  |
| 12.5°  | 909.8  | 903.7  | 892.6  | 872.3  | 860.2  | 840.9  | 823.7  | 815.6  | 810.6  | 802.5  | 797.4  |
| 15°    | 881.4  | 869.3  | 863.2  | 842.0  | 816.7  | 814.6  | 783.3  | 781.2  | 771.1  | 771.1  | 763.0  |
| 17.5°  | 849.0  | 839.9  | 828.8  | 807.5  | 789.3  | 771.1  | 754.9  | 748.9  | 739.7  | 737.7  | 733.7  |
| 20°    | 817.7  | 805.5  | 801.5  | 780.2  | 761.0  | 738.7  | 721.5  | 715.5  | 711.4  | 707.4  | 710.4  |
| 22.5°  | 785.3  | 775.2  | 765.0  | 745.8  | 731.6  | 709.4  | 699.3  | 693.2  | 687.1  | 685.1  | 686.1  |
| 25°    | 753.9  | 744.8  | 734.7  | 715.5  | 700.3  | 682.1  | 673.0  | 669.9  | 666.9  | 666.9  | 665.9  |
| 27.5°  | 723.6  | 714.4  | 705.3  | 688.1  | 673.0  | 659.8  | 652.7  | 649.7  | 646.6  | 648.7  | 650.7  |
| 30°    | 692.2  | 684.1  | 676.0  | 660.8  | 648.7  | 636.5  | 632.5  | 630.5  | 629.4  | 634.5  | 634.5  |
| 32.5°  | 663.8  | 656.8  | 650.7  | 636.5  | 624.4  | 614.3  | 611.2  | 612.2  | 613.2  | 616.3  | 618.3  |
| 35°    | 634.5  | 629.4  | 623.4  | 611.2  | 601.1  | 592.0  | 593.0  | 593.0  | 595.0  | 600.1  | 604.1  |
| 37.5°  | 608.2  | 601.1  | 596.0  | 585.9  | 577.8  | 569.7  | 572.8  | 575.8  | 577.8  | 583.9  | 585.9  |
| 40°    | 576.8  | 573.8  | 569.7  | 559.6  | 552.5  | 551.5  | 552.5  | 554.6  | 558.6  | 561.6  | 564.7  |
| 42.5°  | 551.5  | 547.5  | 542.4  | 534.3  | 528.2  | 529.3  | 530.3  | 532.3  | 534.3  | 539.4  | 542.4  |
| 45°    | 523.2  | 520.1  | 516.1  | 509.0  | 504.0  | 505.0  | 506.0  | 506.0  | 508.0  | 514.1  | 516.1  |
| 47.5°  | 491.8  | 492.8  | 487.8  | 480.7  | 477.6  | 477.6  | 477.6  | 479.7  | 484.7  | 486.8  | 487.8  |
| 50°    | 461.5  | 459.4  | 458.4  | 451.3  | 449.3  | 448.3  | 449.3  | 450.3  | 457.4  | 456.4  | 459.4  |
| 52.5°  | 429.1  | 429.1  | 428.1  | 424.0  | 421.0  | 421.0  | 419.0  | 424.0  | 426.0  | 428.1  | 431.1  |
| 55°    | 397.7  | 394.7  | 393.7  | 391.6  | 387.6  | 386.6  | 388.6  | 394.7  | 396.7  | 398.7  | 401.7  |
| 57.5°  | 363.3  | 363.3  | 361.3  | 358.2  | 358.2  | 358.2  | 358.2  | 362.3  | 365.3  | 367.3  | 373.4  |
| 60°    | 331.9  | 327.9  | 324.8  | 324.8  | 324.8  | 323.8  | 329.9  | 329.9  | 336.0  | 337.0  | 339.0  |
| 62.5°  | 294.5  | 292.5  | 290.4  | 291.4  | 290.4  | 292.5  | 294.5  | 298.5  | 299.5  | 302.6  | 305.6  |
| 65°    | 259.1  | 259.1  | 257.0  | 263.1  | 259.1  | 259.1  | 264.1  | 264.1  | 266.1  | 269.2  | 273.2  |
| 67.5°  | 224.7  | 225.7  | 223.6  | 223.6  | 225.7  | 226.7  | 227.7  | 231.7  | 232.8  | 236.8  | 241.9  |
| 70°    | 189.2  | 191.3  | 192.3  | 190.2  | 192.3  | 194.3  | 196.3  | 197.3  | 201.4  | 203.4  | 206.4  |
| 72.5°  | 157.9  | 159.9  | 156.9  | 157.9  | 158.9  | 160.9  | 161.9  | 163.9  | 166.0  | 172.0  | 174.1  |
| 75°    | 126.5  | 125.5  | 124.5  | 128.5  | 126.5  | 130.5  | 131.6  | 131.6  | 133.6  | 138.6  | 140.7  |
| 77.5°  | 97.1   | 97.1   | 98.2   | 96.1   | 99.2   | 98.2   | 99.2   | 102.2  | 105.2  | 105.2  | 113.3  |
| 80°    | 67.8   | 69.8   | 69.8   | 69.8   | 70.8   | 71.8   | 69.8   | 74.9   | 75.9   | 75.9   | 78.9   |
| 82.5°  | 43.5   | 44.5   | 43.5   | 45.5   | 45.5   | 47.6   | 46.6   | 47.6   | 49.6   | 51.6   | 52.6   |
| 85°    | 23.3   | 23.3   | 25.3   | 25.3   | 24.3   | 25.3   | 24.3   | 25.3   | 27.3   | 27.3   | 28.3   |
| 87.5°  | 8.1    | 8.1    | 8.1    | 8.1    | 9.1    | 8.1    | 9.1    | 9.1    | 8.1    | 8.1    | 11.1   |
| 90°    | 11.1   | 12.3   | 13.9   | 17.1   | 20.4   | 23.6   | 26.8   | 27.8   | 28.8   | 29.8   | 30.8   |
| 92.5°  | 19.7   | 19.0   | 20.1   | 22.3   | 24.6   | 26.8   | 29.0   | 30.7   | 32.5   | 34.2   | 35.9   |
| 95°    | 27.4   | 22.3   | 23.7   | 26.4   | 29.1   | 31.9   | 34.6   | 36.3   | 38.1   | 39.8   | 41.5   |
| 97.5°  | 96.2   | 92.7   | 86.4   | 73.7   | 61.0   | 48.4   | 35.7   | 37.7   | 39.7   | 41.7   | 43.7   |
| 100°   | 208.5  | 211.0  | 191.6  | 152.9  | 114.2  | 75.5   | 36.8   | 38.8   | 40.8   | 42.8   | 44.8   |
| 102.5° | 275.3  | 276.9  | 255.3  | 212.1  | 169.0  | 125.8  | 82.6   | 74.4   | 66.2   | 58.1   | 49.9   |
| 105°   | 343.6  | 345.0  | 333.8  | 311.5  | 289.2  | 266.8  | 244.5  | 200.6  | 156.7  | 112.8  | 68.9   |
| 107.5° | 416.4  | 417.5  | 419.4  | 423.1  | 426.8  | 430.6  | 434.3  | 396.1  | 357.9  | 319.7  | 281.5  |
| 110°   | 490.2  | 491.2  | 492.6  | 495.3  | 498.0  | 500.8  | 503.5  | 495.3  | 487.1  | 479.0  | 470.8  |

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 560.6  | 561.5  | 562.9  | 565.6  | 568.3  | 571.1  | 573.8  | 576.0  | 578.3  | 580.5  | 582.8  |
| 115°   | 630.1  | 630.8  | 631.9  | 634.1  | 636.4  | 638.6  | 640.8  | 643.3  | 645.8  | 648.3  | 650.8  |
| 117.5° | 700.2  | 701.1  | 701.7  | 703.0  | 704.2  | 705.5  | 706.7  | 708.7  | 710.7  | 712.6  | 714.6  |
| 120°   | 765.9  | 767.0  | 767.4  | 768.1  | 768.8  | 769.6  | 770.3  | 772.3  | 774.3  | 776.2  | 778.2  |
| 122.5° | 828.6  | 829.5  | 830.0  | 831.0  | 831.9  | 832.9  | 833.9  | 835.1  | 836.4  | 837.6  | 838.9  |
| 125°   | 887.6  | 888.6  | 889.1  | 890.1  | 891.1  | 892.1  | 893.1  | 893.6  | 894.1  | 894.6  | 895.1  |
| 127.5° | 945.7  | 946.7  | 947.3  | 948.6  | 949.8  | 951.1  | 952.3  | 953.0  | 953.8  | 954.5  | 955.2  |
| 130°   | 999.3  | 1000.3 | 1000.8 | 1001.8 | 1002.8 | 1003.8 | 1004.8 | 1005.8 | 1006.8 | 1007.7 | 1008.7 |
| 132.5° | 1050.6 | 1051.6 | 1052.0 | 1052.7 | 1053.5 | 1054.2 | 1055.0 | 1056.0 | 1057.0 | 1058.0 | 1059.0 |
| 135°   | 1101.2 | 1101.9 | 1102.4 | 1103.4 | 1104.3 | 1105.3 | 1106.3 | 1107.1 | 1107.8 | 1108.6 | 1109.3 |
| 137.5° | 1147.8 | 1148.8 | 1149.0 | 1149.5 | 1150.0 | 1150.5 | 1151.0 | 1152.2 | 1153.5 | 1154.7 | 1156.0 |
| 140°   | 1190.5 | 1191.2 | 1191.6 | 1192.3 | 1193.0 | 1193.8 | 1194.5 | 1195.5 | 1196.5 | 1197.5 | 1198.5 |
| 142.5° | 1231.8 | 1232.5 | 1232.9 | 1233.6 | 1234.3 | 1235.1 | 1235.8 | 1236.6 | 1237.3 | 1238.1 | 1238.8 |
| 145°   | 1270.7 | 1271.6 | 1271.8 | 1272.3 | 1272.8 | 1273.3 | 1273.8 | 1274.3 | 1274.8 | 1275.3 | 1275.8 |
| 147.5° | 1305.6 | 1306.2 | 1306.4 | 1306.9 | 1307.4 | 1307.9 | 1308.4 | 1308.9 | 1309.4 | 1309.9 | 1310.4 |
| 150°   | 1337.0 | 1337.4 | 1337.7 | 1338.2 | 1338.7 | 1339.2 | 1339.7 | 1340.2 | 1340.7 | 1341.2 | 1341.7 |
| 152.5° | 1365.2 | 1365.3 | 1365.4 | 1365.7 | 1366.0 | 1366.2 | 1366.5 | 1367.5 | 1368.5 | 1369.4 | 1370.4 |
| 155°   | 1390.1 | 1389.9 | 1390.0 | 1390.3 | 1390.5 | 1390.8 | 1391.0 | 1392.2 | 1393.5 | 1394.7 | 1396.0 |
| 157.5° | 1414.5 | 1414.5 | 1414.4 | 1414.1 | 1413.9 | 1413.6 | 1413.4 | 1414.9 | 1416.4 | 1417.9 | 1419.4 |
| 160°   | 1433.5 | 1433.4 | 1433.3 | 1433.0 | 1432.8 | 1432.5 | 1432.3 | 1433.8 | 1435.3 | 1436.8 | 1438.3 |
| 162.5° | 1450.6 | 1450.2 | 1450.1 | 1449.8 | 1449.6 | 1449.3 | 1449.1 | 1450.8 | 1452.6 | 1454.3 | 1456.0 |
| 165°   | 1465.1 | 1464.7 | 1464.6 | 1464.3 | 1464.1 | 1463.8 | 1463.6 | 1465.6 | 1467.6 | 1469.5 | 1471.5 |
| 167.5° | 1476.4 | 1475.9 | 1475.9 | 1475.9 | 1475.9 | 1475.9 | 1475.9 | 1477.9 | 1479.9 | 1481.8 | 1483.8 |
| 170°   | 1486.4 | 1485.9 | 1485.9 | 1485.9 | 1485.9 | 1485.9 | 1485.9 | 1487.9 | 1489.9 | 1491.8 | 1493.8 |
| 172.5° | 1492.1 | 1491.5 | 1491.6 | 1491.9 | 1492.1 | 1492.4 | 1492.6 | 1494.6 | 1496.6 | 1498.5 | 1500.5 |
| 175°   | 1497.7 | 1497.1 | 1497.2 | 1497.5 | 1497.7 | 1498.0 | 1498.2 | 1499.9 | 1501.7 | 1503.4 | 1505.1 |
| 177.5° | 1499.9 | 1499.3 | 1499.4 | 1499.7 | 1499.9 | 1500.2 | 1500.4 | 1502.4 | 1504.4 | 1506.4 | 1508.4 |
| 180°   | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 |

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 |
| 2.5°   | 990.7  | 991.7  | 987.7  | 984.6  | 992.7  | 987.7  | 987.7  | 988.7  | 986.7  | 989.7  | 988.7  |
| 5°     | 935.1  | 936.1  | 929.0  | 931.0  | 927.0  | 925.9  | 924.9  | 931.0  | 930.0  | 929.0  | 931.0  |
| 7.5°   | 880.4  | 880.4  | 877.4  | 875.3  | 875.3  | 872.3  | 876.4  | 875.3  | 877.4  | 877.4  | 880.4  |
| 10°    | 834.9  | 836.9  | 831.8  | 826.8  | 825.8  | 826.8  | 826.8  | 827.8  | 828.8  | 835.9  | 834.9  |
| 12.5°  | 797.4  | 794.4  | 793.4  | 790.3  | 785.3  | 783.3  | 781.2  | 792.4  | 789.3  | 789.3  | 789.3  |
| 15°    | 755.9  | 763.0  | 762.0  | 752.9  | 750.9  | 754.9  | 752.9  | 752.9  | 763.0  | 762.0  | 761.0  |
| 17.5°  | 733.7  | 731.6  | 729.6  | 724.6  | 725.6  | 724.6  | 725.6  | 725.6  | 731.6  | 731.6  | 731.6  |
| 20°    | 708.4  | 704.3  | 704.3  | 702.3  | 702.3  | 699.3  | 703.3  | 704.3  | 708.4  | 708.4  | 709.4  |
| 22.5°  | 686.1  | 683.1  | 683.1  | 682.1  | 684.1  | 680.0  | 684.1  | 685.1  | 685.1  | 688.1  | 688.1  |
| 25°    | 666.9  | 664.9  | 664.9  | 666.9  | 666.9  | 666.9  | 666.9  | 670.9  | 667.9  | 668.9  | 667.9  |
| 27.5°  | 649.7  | 650.7  | 651.7  | 652.7  | 651.7  | 652.7  | 653.7  | 655.8  | 656.8  | 655.8  | 653.7  |
| 30°    | 633.5  | 636.5  | 637.5  | 637.5  | 639.6  | 640.6  | 641.6  | 641.6  | 642.6  | 639.6  | 641.6  |
| 32.5°  | 621.3  | 621.3  | 623.4  | 624.4  | 626.4  | 627.4  | 627.4  | 629.4  | 628.4  | 625.4  | 626.4  |
| 35°    | 604.1  | 604.1  | 608.2  | 610.2  | 613.2  | 612.2  | 613.2  | 613.2  | 614.3  | 612.2  | 609.2  |
| 37.5°  | 586.9  | 589.0  | 589.0  | 593.0  | 594.0  | 595.0  | 594.0  | 596.0  | 595.0  | 593.0  | 592.0  |
| 40°    | 566.7  | 565.7  | 566.7  | 569.7  | 570.7  | 570.7  | 570.7  | 572.8  | 572.8  | 572.8  | 571.8  |
| 42.5°  | 541.4  | 544.4  | 543.4  | 546.5  | 545.4  | 545.4  | 547.5  | 549.5  | 550.5  | 547.5  | 548.5  |
| 45°    | 517.1  | 517.1  | 519.1  | 519.1  | 520.1  | 520.1  | 524.2  | 522.2  | 524.2  | 522.2  | 523.2  |
| 47.5°  | 490.8  | 491.8  | 491.8  | 492.8  | 494.8  | 496.9  | 494.8  | 495.9  | 495.9  | 496.9  | 494.8  |
| 50°    | 461.5  | 461.5  | 463.5  | 466.5  | 470.6  | 468.5  | 467.5  | 471.6  | 468.5  | 468.5  | 466.5  |
| 52.5°  | 431.1  | 434.1  | 435.1  | 438.2  | 441.2  | 442.2  | 443.2  | 441.2  | 442.2  | 439.2  | 440.2  |
| 55°    | 401.7  | 402.8  | 406.8  | 409.8  | 412.9  | 412.9  | 411.9  | 412.9  | 413.9  | 409.8  | 409.8  |
| 57.5°  | 372.4  | 375.4  | 379.5  | 379.5  | 383.5  | 383.5  | 382.5  | 382.5  | 383.5  | 380.5  | 379.5  |
| 60°    | 341.0  | 344.1  | 349.1  | 349.1  | 355.2  | 356.2  | 354.2  | 352.2  | 352.2  | 349.1  | 350.1  |
| 62.5°  | 307.6  | 310.7  | 313.7  | 318.8  | 322.8  | 320.8  | 324.8  | 320.8  | 321.8  | 315.7  | 315.7  |
| 65°    | 278.3  | 279.3  | 284.4  | 289.4  | 289.4  | 291.4  | 289.4  | 290.4  | 287.4  | 287.4  | 283.3  |
| 67.5°  | 243.9  | 243.9  | 248.9  | 254.0  | 259.1  | 259.1  | 259.1  | 256.0  | 256.0  | 253.0  | 253.0  |
| 70°    | 213.5  | 212.5  | 217.6  | 220.6  | 223.6  | 224.7  | 222.6  | 221.6  | 219.6  | 216.6  | 215.5  |
| 72.5°  | 176.1  | 178.1  | 183.2  | 185.2  | 190.2  | 189.2  | 194.3  | 188.2  | 188.2  | 183.2  | 182.2  |
| 75°    | 142.7  | 144.7  | 149.8  | 152.8  | 155.8  | 155.8  | 158.9  | 155.8  | 151.8  | 149.8  | 148.8  |
| 77.5°  | 113.3  | 112.3  | 116.4  | 121.4  | 122.4  | 121.4  | 123.5  | 122.4  | 118.4  | 118.4  | 116.4  |
| 80°    | 81.0   | 84.0   | 88.0   | 87.0   | 91.1   | 90.1   | 90.1   | 88.0   | 88.0   | 85.0   | 87.0   |
| 82.5°  | 53.6   | 56.7   | 57.7   | 56.7   | 57.7   | 59.7   | 60.7   | 59.7   | 59.7   | 57.7   | 58.7   |
| 85°    | 28.3   | 28.3   | 30.4   | 31.4   | 30.4   | 30.4   | 31.4   | 34.4   | 32.4   | 30.4   | 32.4   |
| 87.5°  | 9.1    | 8.1    | 8.1    | 9.1    | 8.1    | 8.1    | 9.1    | 9.1    | 10.1   | 10.1   | 10.1   |
| 90°    | 31.3   | 31.5   | 32.0   | 32.5   | 33.0   | 33.5   | 33.0   | 32.5   | 32.0   | 31.5   | 31.3   |
| 92.5°  | 36.8   | 36.9   | 37.2   | 37.5   | 37.7   | 38.0   | 37.7   | 37.5   | 37.2   | 36.9   | 36.8   |
| 95°    | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   | 42.4   |
| 97.5°  | 44.7   | 44.8   | 45.1   | 45.3   | 45.6   | 45.8   | 45.6   | 45.3   | 45.1   | 44.8   | 44.7   |
| 100°   | 45.8   | 45.9   | 46.2   | 46.4   | 46.7   | 46.9   | 46.7   | 46.4   | 46.2   | 45.9   | 45.8   |
| 102.5° | 45.8   | 46.0   | 46.5   | 47.0   | 47.5   | 48.0   | 47.5   | 47.0   | 46.5   | 46.0   | 45.8   |
| 105°   | 46.9   | 47.1   | 47.6   | 48.1   | 48.6   | 49.1   | 48.6   | 48.1   | 47.6   | 47.1   | 46.9   |
| 107.5° | 262.4  | 246.1  | 213.6  | 181.1  | 148.6  | 116.1  | 148.6  | 181.1  | 213.6  | 246.1  | 262.4  |
| 110°   | 466.7  | 449.0  | 413.5  | 378.0  | 342.5  | 307.0  | 342.5  | 378.0  | 413.5  | 449.0  | 466.7  |

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 583.9  | 583.6  | 583.1  | 582.6  | 582.1  | 581.6  | 582.1  | 582.6  | 583.1  | 583.6  | 583.9  |
| 115°   | 652.0  | 652.5  | 653.5  | 654.4  | 655.4  | 656.4  | 655.4  | 654.4  | 653.5  | 652.5  | 652.0  |
| 117.5° | 715.6  | 715.7  | 716.0  | 716.2  | 716.5  | 716.7  | 716.5  | 716.2  | 716.0  | 715.7  | 715.6  |
| 120°   | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  | 779.2  |
| 122.5° | 839.5  | 839.6  | 839.9  | 840.1  | 840.4  | 840.6  | 840.4  | 840.1  | 839.9  | 839.6  | 839.5  |
| 125°   | 895.3  | 895.6  | 896.1  | 896.6  | 897.1  | 897.6  | 897.1  | 896.6  | 896.1  | 895.6  | 895.3  |
| 127.5° | 955.6  | 955.4  | 954.9  | 954.4  | 953.9  | 953.4  | 953.9  | 954.4  | 954.9  | 955.4  | 955.6  |
| 130°   | 1009.2 | 1009.0 | 1008.5 | 1008.0 | 1007.5 | 1007.0 | 1007.5 | 1008.0 | 1008.5 | 1009.0 | 1009.2 |
| 132.5° | 1059.5 | 1059.1 | 1058.4 | 1057.6 | 1056.9 | 1056.1 | 1056.9 | 1057.6 | 1058.4 | 1059.1 | 1059.5 |
| 135°   | 1109.7 | 1109.3 | 1108.6 | 1107.8 | 1107.1 | 1106.3 | 1107.1 | 1107.8 | 1108.6 | 1109.3 | 1109.7 |
| 137.5° | 1156.6 | 1156.3 | 1155.8 | 1155.3 | 1154.8 | 1154.3 | 1154.8 | 1155.3 | 1155.8 | 1156.3 | 1156.6 |
| 140°   | 1199.0 | 1198.8 | 1198.3 | 1197.8 | 1197.3 | 1196.8 | 1197.3 | 1197.8 | 1198.3 | 1198.8 | 1199.0 |
| 142.5° | 1239.2 | 1238.8 | 1238.1 | 1237.3 | 1236.6 | 1235.8 | 1236.6 | 1237.3 | 1238.1 | 1238.8 | 1239.2 |
| 145°   | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 | 1276.0 |
| 147.5° | 1310.6 | 1310.0 | 1308.8 | 1307.5 | 1306.3 | 1305.1 | 1306.3 | 1307.5 | 1308.8 | 1310.0 | 1310.6 |
| 150°   | 1341.9 | 1341.5 | 1340.8 | 1340.1 | 1339.3 | 1338.6 | 1339.3 | 1340.1 | 1340.8 | 1341.5 | 1341.9 |
| 152.5° | 1370.9 | 1370.3 | 1369.0 | 1367.8 | 1366.5 | 1365.3 | 1366.5 | 1367.8 | 1369.0 | 1370.3 | 1370.9 |
| 155°   | 1396.6 | 1395.9 | 1394.4 | 1392.9 | 1391.4 | 1389.9 | 1391.4 | 1392.9 | 1394.4 | 1395.9 | 1396.6 |
| 157.5° | 1420.1 | 1419.1 | 1417.1 | 1415.1 | 1413.1 | 1411.1 | 1413.1 | 1415.1 | 1417.1 | 1419.1 | 1420.1 |
| 160°   | 1439.0 | 1438.1 | 1436.4 | 1434.7 | 1432.9 | 1431.2 | 1432.9 | 1434.7 | 1436.4 | 1438.1 | 1439.0 |
| 162.5° | 1456.9 | 1456.2 | 1454.7 | 1453.2 | 1451.7 | 1450.2 | 1451.7 | 1453.2 | 1454.7 | 1456.2 | 1456.9 |
| 165°   | 1472.5 | 1471.6 | 1469.9 | 1468.2 | 1466.4 | 1464.7 | 1466.4 | 1468.2 | 1469.9 | 1471.6 | 1472.5 |
| 167.5° | 1484.8 | 1483.8 | 1481.8 | 1479.9 | 1477.9 | 1475.9 | 1477.9 | 1479.9 | 1481.8 | 1483.8 | 1484.8 |
| 170°   | 1494.8 | 1493.8 | 1491.8 | 1489.9 | 1487.9 | 1485.9 | 1487.9 | 1489.9 | 1491.8 | 1493.8 | 1494.8 |
| 172.5° | 1501.5 | 1500.4 | 1498.2 | 1495.9 | 1493.7 | 1491.5 | 1493.7 | 1495.9 | 1498.2 | 1500.4 | 1501.5 |
| 175°   | 1506.0 | 1505.0 | 1503.0 | 1501.1 | 1499.1 | 1497.1 | 1499.1 | 1501.1 | 1503.0 | 1505.0 | 1506.0 |
| 177.5° | 1509.4 | 1508.2 | 1505.7 | 1503.2 | 1500.7 | 1498.2 | 1500.7 | 1503.2 | 1505.7 | 1508.2 | 1509.4 |
| 180°   | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 |

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 | 1044.3 |
| 2.5°   | 991.7  | 993.7  | 994.8  | 990.7  | 987.7  | 992.7  | 999.8  | 1004.9 | 1008.9 | 1014.0 | 1017.0 |
| 5°     | 933.0  | 940.1  | 940.1  | 942.1  | 945.2  | 950.2  | 963.4  | 972.5  | 980.6  | 986.7  | 991.7  |
| 7.5°   | 883.4  | 888.5  | 891.5  | 896.6  | 901.7  | 908.7  | 923.9  | 937.1  | 949.2  | 956.3  | 964.4  |
| 10°    | 838.9  | 843.0  | 848.0  | 851.1  | 860.2  | 870.3  | 889.5  | 900.6  | 914.8  | 925.9  | 936.1  |
| 12.5°  | 796.4  | 810.6  | 813.6  | 812.6  | 820.7  | 831.8  | 851.1  | 868.3  | 883.4  | 894.6  | 905.7  |
| 15°    | 766.1  | 771.1  | 777.2  | 776.2  | 793.4  | 796.4  | 812.6  | 832.8  | 853.1  | 860.2  | 870.3  |
| 17.5°  | 732.7  | 740.8  | 746.8  | 749.9  | 754.9  | 766.1  | 781.2  | 796.4  | 822.7  | 823.7  | 850.0  |
| 20°    | 706.3  | 714.4  | 718.5  | 722.5  | 725.6  | 738.7  | 751.9  | 769.1  | 790.3  | 801.5  | 815.6  |
| 22.5°  | 689.1  | 693.2  | 696.2  | 699.3  | 703.3  | 710.4  | 726.6  | 745.8  | 760.0  | 772.1  | 781.2  |
| 25°    | 668.9  | 673.0  | 677.0  | 679.0  | 682.1  | 686.1  | 698.3  | 713.4  | 733.7  | 741.8  | 750.9  |
| 27.5°  | 654.7  | 654.7  | 656.8  | 656.8  | 660.8  | 664.9  | 674.0  | 688.1  | 704.3  | 714.4  | 726.6  |
| 30°    | 639.6  | 638.5  | 639.6  | 638.5  | 637.5  | 643.6  | 651.7  | 663.8  | 675.0  | 687.1  | 695.2  |
| 32.5°  | 624.4  | 623.4  | 623.4  | 624.4  | 620.3  | 623.4  | 627.4  | 638.5  | 650.7  | 656.8  | 665.9  |
| 35°    | 608.2  | 606.2  | 606.2  | 606.2  | 604.1  | 602.1  | 606.2  | 616.3  | 624.4  | 632.5  | 639.6  |
| 37.5°  | 592.0  | 589.0  | 589.0  | 586.9  | 584.9  | 581.9  | 581.9  | 590.0  | 601.1  | 604.1  | 613.2  |
| 40°    | 569.7  | 569.7  | 567.7  | 566.7  | 564.7  | 562.7  | 559.6  | 566.7  | 576.8  | 579.9  | 586.9  |
| 42.5°  | 547.5  | 544.4  | 543.4  | 543.4  | 543.4  | 540.4  | 538.4  | 543.4  | 549.5  | 554.6  | 558.6  |
| 45°    | 522.2  | 520.1  | 521.2  | 520.1  | 518.1  | 517.1  | 516.1  | 518.1  | 525.2  | 527.2  | 532.3  |
| 47.5°  | 494.8  | 493.8  | 493.8  | 492.8  | 491.8  | 492.8  | 488.8  | 493.8  | 495.9  | 497.9  | 501.9  |
| 50°    | 466.5  | 465.5  | 464.5  | 463.5  | 463.5  | 464.5  | 463.5  | 463.5  | 467.5  | 469.6  | 473.6  |
| 52.5°  | 438.2  | 435.1  | 435.1  | 434.1  | 434.1  | 432.1  | 434.1  | 435.1  | 437.2  | 439.2  | 441.2  |
| 55°    | 407.8  | 407.8  | 404.8  | 404.8  | 402.8  | 402.8  | 403.8  | 402.8  | 406.8  | 408.8  | 408.8  |
| 57.5°  | 378.5  | 374.4  | 375.4  | 373.4  | 371.4  | 370.4  | 370.4  | 372.4  | 374.4  | 374.4  | 376.4  |
| 60°    | 347.1  | 343.1  | 342.0  | 338.0  | 340.0  | 337.0  | 338.0  | 338.0  | 342.0  | 340.0  | 342.0  |
| 62.5°  | 315.7  | 310.7  | 307.6  | 305.6  | 305.6  | 306.6  | 304.6  | 303.6  | 305.6  | 307.6  | 311.7  |
| 65°    | 282.3  | 279.3  | 276.3  | 273.2  | 273.2  | 272.2  | 274.2  | 271.2  | 270.2  | 271.2  | 273.2  |
| 67.5°  | 247.9  | 244.9  | 241.9  | 238.8  | 239.8  | 236.8  | 234.8  | 237.8  | 235.8  | 236.8  | 238.8  |
| 70°    | 214.5  | 212.5  | 206.4  | 204.4  | 203.4  | 204.4  | 203.4  | 201.4  | 204.4  | 203.4  | 204.4  |
| 72.5°  | 181.1  | 179.1  | 176.1  | 171.0  | 171.0  | 170.0  | 169.0  | 169.0  | 168.0  | 168.0  | 168.0  |
| 75°    | 148.8  | 144.7  | 141.7  | 140.7  | 138.6  | 137.6  | 136.6  | 134.6  | 135.6  | 136.6  | 134.6  |
| 77.5°  | 115.4  | 110.3  | 109.3  | 109.3  | 106.3  | 106.3  | 107.3  | 106.3  | 105.2  | 105.2  | 105.2  |
| 80°    | 85.0   | 81.0   | 81.0   | 78.9   | 76.9   | 76.9   | 76.9   | 76.9   | 75.9   | 74.9   | 75.9   |
| 82.5°  | 54.6   | 53.6   | 52.6   | 52.6   | 54.6   | 50.6   | 52.6   | 51.6   | 50.6   | 50.6   | 49.6   |
| 85°    | 30.4   | 31.4   | 30.4   | 31.4   | 29.3   | 30.4   | 30.4   | 30.4   | 29.3   | 30.4   | 28.3   |
| 87.5°  | 11.1   | 11.1   | 11.1   | 12.1   | 12.1   | 12.1   | 12.1   | 12.1   | 13.2   | 12.1   | 12.1   |
| 90°    | 30.8   | 29.8   | 28.8   | 27.8   | 26.8   | 23.6   | 20.4   | 17.1   | 13.9   | 12.3   | 11.1   |
| 92.5°  | 35.9   | 34.2   | 32.5   | 30.7   | 29.0   | 26.8   | 24.6   | 22.3   | 20.1   | 19.0   | 19.7   |
| 95°    | 41.5   | 39.8   | 38.1   | 36.3   | 34.6   | 31.9   | 29.1   | 26.4   | 23.7   | 22.3   | 27.4   |
| 97.5°  | 43.7   | 41.7   | 39.7   | 37.7   | 35.7   | 48.4   | 61.0   | 73.7   | 86.4   | 92.7   | 96.2   |
| 100°   | 44.8   | 42.8   | 40.8   | 38.8   | 36.8   | 75.5   | 114.2  | 152.9  | 191.6  | 211.0  | 208.5  |
| 102.5° | 49.9   | 58.1   | 66.2   | 74.4   | 82.6   | 125.8  | 169.0  | 212.1  | 255.3  | 276.9  | 275.3  |
| 105°   | 68.9   | 112.8  | 156.7  | 200.6  | 244.5  | 266.8  | 289.2  | 311.5  | 333.8  | 345.0  | 343.6  |
| 107.5° | 281.5  | 319.7  | 357.9  | 396.1  | 434.3  | 430.6  | 426.8  | 423.1  | 419.4  | 417.5  | 416.4  |
| 110°   | 470.8  | 479.0  | 487.1  | 495.3  | 503.5  | 500.8  | 498.0  | 495.3  | 492.6  | 491.2  | 490.2  |

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 582.8  | 580.5  | 578.3  | 576.0  | 573.8  | 571.1  | 568.3  | 565.6  | 562.9  | 561.5  | 560.6  |
| 115°   | 650.8  | 648.3  | 645.8  | 643.3  | 640.8  | 638.6  | 636.4  | 634.1  | 631.9  | 630.8  | 630.1  |
| 117.5° | 714.6  | 712.6  | 710.7  | 708.7  | 706.7  | 705.5  | 704.2  | 703.0  | 701.7  | 701.1  | 700.2  |
| 120°   | 778.2  | 776.2  | 774.3  | 772.3  | 770.3  | 769.6  | 768.8  | 768.1  | 767.4  | 767.0  | 765.9  |
| 122.5° | 838.9  | 837.6  | 836.4  | 835.1  | 833.9  | 832.9  | 831.9  | 831.0  | 830.0  | 829.5  | 828.6  |
| 125°   | 895.1  | 894.6  | 894.1  | 893.6  | 893.1  | 892.1  | 891.1  | 890.1  | 889.1  | 888.6  | 887.6  |
| 127.5° | 955.2  | 954.5  | 953.8  | 953.0  | 952.3  | 951.1  | 949.8  | 948.6  | 947.3  | 946.7  | 945.7  |
| 130°   | 1008.7 | 1007.7 | 1006.8 | 1005.8 | 1004.8 | 1003.8 | 1002.8 | 1001.8 | 1000.8 | 1000.3 | 999.3  |
| 132.5° | 1059.0 | 1058.0 | 1057.0 | 1056.0 | 1055.0 | 1054.2 | 1053.5 | 1052.7 | 1052.0 | 1051.6 | 1050.6 |
| 135°   | 1109.3 | 1108.6 | 1107.8 | 1107.1 | 1106.3 | 1105.3 | 1104.3 | 1103.4 | 1102.4 | 1101.9 | 1101.2 |
| 137.5° | 1156.0 | 1154.7 | 1153.5 | 1152.2 | 1151.0 | 1150.5 | 1150.0 | 1149.5 | 1149.0 | 1148.8 | 1147.8 |
| 140°   | 1198.5 | 1197.5 | 1196.5 | 1195.5 | 1194.5 | 1193.8 | 1193.0 | 1192.3 | 1191.6 | 1191.2 | 1190.5 |
| 142.5° | 1238.8 | 1238.1 | 1237.3 | 1236.6 | 1235.8 | 1235.1 | 1234.3 | 1233.6 | 1232.9 | 1232.5 | 1231.8 |
| 145°   | 1275.8 | 1275.3 | 1274.8 | 1274.3 | 1273.8 | 1273.3 | 1272.8 | 1272.3 | 1271.8 | 1271.6 | 1270.7 |
| 147.5° | 1310.4 | 1309.9 | 1309.4 | 1308.9 | 1308.4 | 1307.9 | 1307.4 | 1306.9 | 1306.4 | 1306.2 | 1305.6 |
| 150°   | 1341.7 | 1341.2 | 1340.7 | 1340.2 | 1339.7 | 1339.2 | 1338.7 | 1338.2 | 1337.7 | 1337.4 | 1337.0 |
| 152.5° | 1370.4 | 1369.4 | 1368.5 | 1367.5 | 1366.5 | 1366.2 | 1366.0 | 1365.7 | 1365.4 | 1365.3 | 1365.2 |
| 155°   | 1396.0 | 1394.7 | 1393.5 | 1392.2 | 1391.0 | 1390.8 | 1390.5 | 1390.3 | 1390.0 | 1389.9 | 1390.1 |
| 157.5° | 1419.4 | 1417.9 | 1416.4 | 1414.9 | 1413.4 | 1413.6 | 1413.9 | 1414.1 | 1414.4 | 1414.5 | 1414.5 |
| 160°   | 1438.3 | 1436.8 | 1435.3 | 1433.8 | 1432.3 | 1432.5 | 1432.8 | 1433.0 | 1433.3 | 1433.4 | 1433.5 |
| 162.5° | 1456.0 | 1454.3 | 1452.6 | 1450.8 | 1449.1 | 1449.3 | 1449.6 | 1449.8 | 1450.1 | 1450.2 | 1450.6 |
| 165°   | 1471.5 | 1469.5 | 1467.6 | 1465.6 | 1463.6 | 1463.8 | 1464.1 | 1464.3 | 1464.6 | 1464.7 | 1465.1 |
| 167.5° | 1483.8 | 1481.8 | 1479.9 | 1477.9 | 1475.9 | 1475.9 | 1475.9 | 1475.9 | 1475.9 | 1475.9 | 1476.4 |
| 170°   | 1493.8 | 1491.8 | 1489.9 | 1487.9 | 1485.9 | 1485.9 | 1485.9 | 1485.9 | 1485.9 | 1485.9 | 1486.4 |
| 172.5° | 1500.5 | 1498.5 | 1496.6 | 1494.6 | 1492.6 | 1492.4 | 1492.1 | 1491.9 | 1491.6 | 1491.5 | 1492.1 |
| 175°   | 1505.1 | 1503.4 | 1501.7 | 1499.9 | 1498.2 | 1498.0 | 1497.7 | 1497.5 | 1497.2 | 1497.1 | 1497.7 |
| 177.5° | 1508.4 | 1506.4 | 1504.4 | 1502.4 | 1500.4 | 1500.2 | 1499.9 | 1499.7 | 1499.4 | 1499.3 | 1499.9 |
| 180°   | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 | 1502.7 |

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1044.3 | 1044.3 | 1044.3 | 1044.3 |
| 2.5°   | 1022.1 | 1025.1 | 1035.2 | 1047.4 |
| 5°     | 1001.8 | 1009.9 | 1024.1 | 1043.3 |
| 7.5°   | 979.6  | 991.7  | 1012.0 | 1036.2 |
| 10°    | 954.3  | 971.5  | 996.8  | 1027.1 |
| 12.5°  | 927.0  | 949.2  | 981.6  | 1013.0 |
| 15°    | 909.8  | 932.0  | 961.4  | 995.8  |
| 17.5°  | 876.4  | 902.7  | 933.0  | 981.6  |
| 20°    | 842.0  | 871.3  | 910.8  | 959.3  |
| 22.5°  | 815.6  | 847.0  | 884.5  | 936.1  |
| 25°    | 784.3  | 816.7  | 857.1  | 910.8  |
| 27.5°  | 750.9  | 783.3  | 828.8  | 885.5  |
| 30°    | 725.6  | 756.9  | 800.5  | 861.2  |
| 32.5°  | 695.2  | 725.6  | 771.1  | 834.9  |
| 35°    | 660.8  | 695.2  | 738.7  | 803.5  |
| 37.5°  | 634.5  | 665.9  | 711.4  | 773.1  |
| 40°    | 606.2  | 633.5  | 678.0  | 738.7  |
| 42.5°  | 575.8  | 606.2  | 644.6  | 705.3  |
| 45°    | 547.5  | 569.7  | 609.2  | 666.9  |
| 47.5°  | 517.1  | 542.4  | 572.8  | 617.3  |
| 50°    | 484.7  | 506.0  | 539.4  | 569.7  |
| 52.5°  | 453.4  | 470.6  | 498.9  | 522.2  |
| 55°    | 420.0  | 437.2  | 458.4  | 472.6  |
| 57.5°  | 388.6  | 400.7  | 414.9  | 424.0  |
| 60°    | 350.1  | 362.3  | 371.4  | 380.5  |
| 62.5°  | 315.7  | 324.8  | 329.9  | 335.0  |
| 65°    | 280.3  | 285.4  | 288.4  | 292.5  |
| 67.5°  | 241.9  | 246.9  | 247.9  | 254.0  |
| 70°    | 206.4  | 207.5  | 209.5  | 212.5  |
| 72.5°  | 173.0  | 175.1  | 174.1  | 176.1  |
| 75°    | 138.6  | 140.7  | 138.6  | 140.7  |
| 77.5°  | 105.2  | 107.3  | 107.3  | 110.3  |
| 80°    | 75.9   | 76.9   | 77.9   | 77.9   |
| 82.5°  | 49.6   | 52.6   | 50.6   | 51.6   |
| 85°    | 28.3   | 29.3   | 29.3   | 30.4   |
| 87.5°  | 13.2   | 14.2   | 13.2   | 15.2   |
| 90°    | 8.6    | 6.1    | 3.6    | 1.1    |
| 92.5°  | 21.2   | 22.7   | 24.2   | 25.7   |
| 95°    | 37.6   | 47.7   | 57.9   | 68.1   |
| 97.5°  | 103.1  | 110.0  | 117.0  | 123.9  |
| 100°   | 203.6  | 198.6  | 193.7  | 188.7  |
| 102.5° | 272.1  | 268.8  | 265.6  | 262.4  |
| 105°   | 340.9  | 338.2  | 335.4  | 332.7  |
| 107.5° | 414.2  | 411.9  | 409.7  | 407.5  |
| 110°   | 488.2  | 486.3  | 484.3  | 482.3  |

TEST NUMBER: P1011976

CATALOG NUMBER: S123DIP-B775D1195UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 558.9  | 557.2  | 555.4  | 553.7  |
| 115°   | 628.6  | 627.1  | 625.6  | 624.1  |
| 117.5° | 698.5  | 696.8  | 695.0  | 693.3  |
| 120°   | 763.6  | 761.4  | 759.1  | 756.9  |
| 122.5° | 826.9  | 825.2  | 823.4  | 821.7  |
| 125°   | 885.6  | 883.7  | 881.7  | 879.7  |
| 127.5° | 943.7  | 941.8  | 939.8  | 937.8  |
| 130°   | 997.3  | 995.4  | 993.4  | 991.4  |
| 132.5° | 1048.6 | 1046.7 | 1044.7 | 1042.7 |
| 135°   | 1099.7 | 1098.2 | 1096.7 | 1095.2 |
| 137.5° | 1145.8 | 1143.8 | 1141.8 | 1139.8 |
| 140°   | 1189.0 | 1187.5 | 1186.0 | 1184.5 |
| 142.5° | 1230.3 | 1228.8 | 1227.3 | 1225.8 |
| 145°   | 1269.0 | 1267.3 | 1265.5 | 1263.8 |
| 147.5° | 1304.3 | 1303.1 | 1301.8 | 1300.6 |
| 150°   | 1336.3 | 1335.6 | 1334.8 | 1334.1 |
| 152.5° | 1364.9 | 1364.7 | 1364.4 | 1364.2 |
| 155°   | 1390.6 | 1391.1 | 1391.6 | 1392.1 |
| 157.5° | 1414.5 | 1414.5 | 1414.5 | 1414.5 |
| 160°   | 1433.8 | 1434.1 | 1434.3 | 1434.6 |
| 162.5° | 1451.3 | 1452.0 | 1452.8 | 1453.5 |
| 165°   | 1465.8 | 1466.6 | 1467.3 | 1468.1 |
| 167.5° | 1477.4 | 1478.3 | 1479.3 | 1480.3 |
| 170°   | 1487.4 | 1488.4 | 1489.4 | 1490.4 |
| 172.5° | 1493.4 | 1494.6 | 1495.9 | 1497.1 |
| 175°   | 1499.0 | 1500.2 | 1501.5 | 1502.7 |
| 177.5° | 1501.2 | 1502.4 | 1503.7 | 1504.9 |
| 180°   | 1502.7 | 1502.7 | 1502.7 | 1502.7 |

(END OF REPORT)