

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: P1012063

Luminaire Tested: S123DIP-B775D585UB50-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012063  
REPORT IS A COMBINATION OF REPORTS P990450 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B775D585UB50-4F0-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**

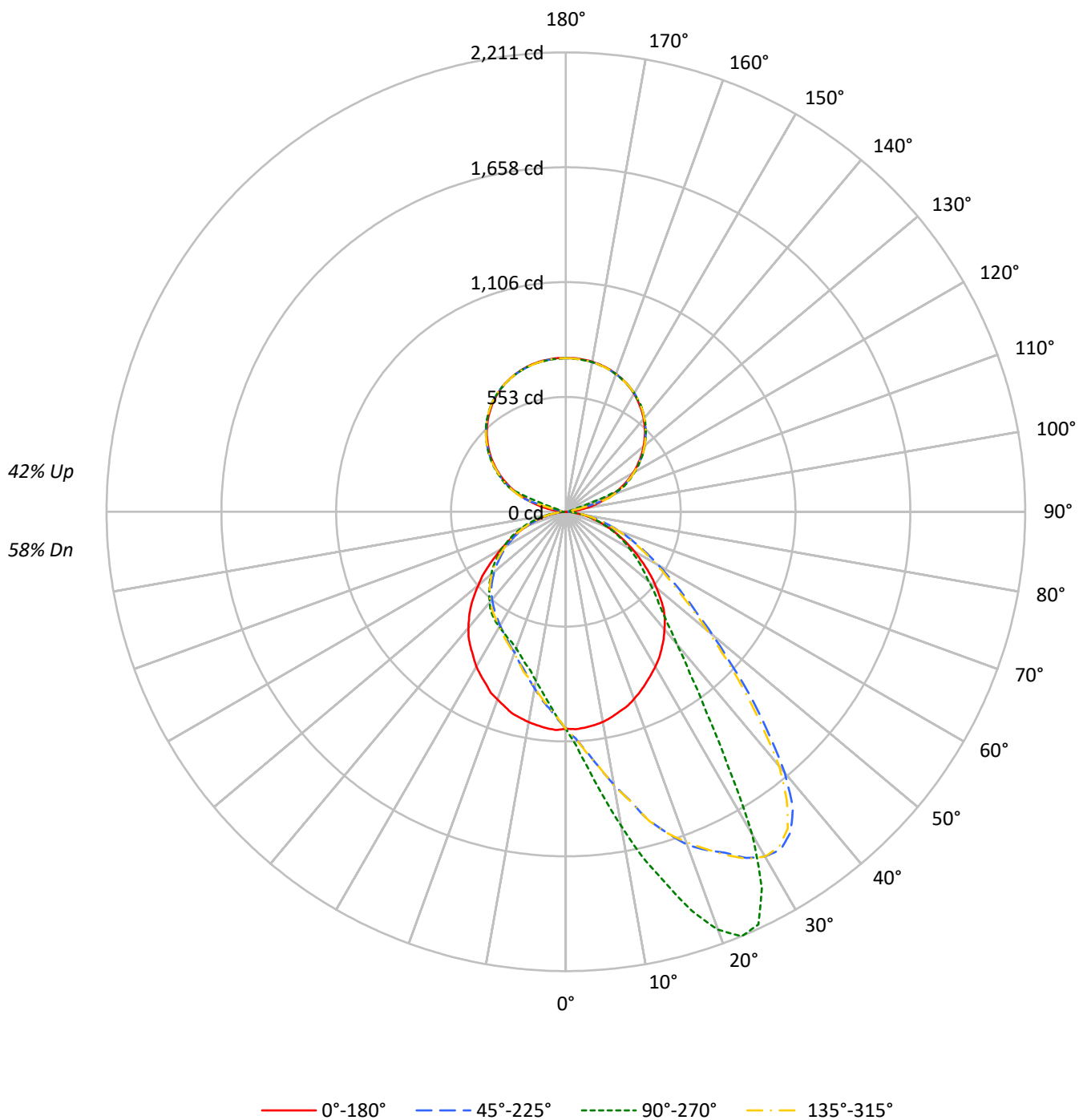
Lumens per Lamp: N/A  
Luminaire Lumens: 5408.0 lumens  
Efficiency: N/A  
Efficacy: 105.4 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 51.3  
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: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-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   | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 64 | 64 | 64 |
| 1   | 100 | 96  | 92  | 88  | 93  | 89  | 86  | 83  | 78 | 75 | 73 | 67 | 65 | 63 | 57 | 56 | 55 |
| 2   | 91  | 84  | 78  | 73  | 85  | 79  | 73  | 69  | 68 | 64 | 61 | 59 | 56 | 53 | 50 | 48 | 46 |
| 3   | 83  | 74  | 67  | 61  | 78  | 69  | 63  | 58  | 61 | 56 | 52 | 52 | 49 | 46 | 45 | 42 | 40 |
| 4   | 77  | 66  | 58  | 52  | 71  | 62  | 55  | 49  | 54 | 49 | 44 | 47 | 43 | 39 | 40 | 37 | 34 |
| 5   | 70  | 59  | 51  | 45  | 65  | 55  | 48  | 42  | 48 | 43 | 38 | 42 | 38 | 34 | 36 | 33 | 30 |
| 6   | 65  | 53  | 45  | 39  | 60  | 50  | 42  | 37  | 44 | 38 | 34 | 38 | 34 | 30 | 33 | 29 | 27 |
| 7   | 60  | 48  | 40  | 34  | 56  | 45  | 38  | 33  | 40 | 34 | 30 | 35 | 30 | 27 | 30 | 27 | 24 |
| 8   | 56  | 43  | 36  | 30  | 52  | 41  | 34  | 29  | 36 | 31 | 26 | 32 | 27 | 24 | 28 | 24 | 21 |
| 9   | 52  | 40  | 32  | 27  | 48  | 37  | 31  | 26  | 33 | 28 | 24 | 29 | 25 | 21 | 26 | 22 | 19 |
| 10  | 49  | 36  | 29  | 24  | 45  | 34  | 28  | 23  | 31 | 25 | 21 | 27 | 23 | 19 | 24 | 20 | 17 |

**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

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 102.7  | 1.9       |
| 10°-20°   | 329.9  | 6.1       |
| 20°-30°   | 555.1  | 10.3      |
| 30°-40°   | 627.3  | 11.6      |
| 40°-50°   | 561.8  | 10.4      |
| 50°-60°   | 453.5  | 8.4       |
| 60°-70°   | 316.0  | 5.8       |
| 70°-80°   | 165.9  | 3.1       |
| 80°-90°   | 41.2   | 0.8       |
| 90°-100°  | 26.1   | 0.5       |
| 100°-110° | 126.1  | 2.3       |
| 110°-120° | 309.0  | 5.7       |
| 120°-130° | 392.2  | 7.3       |
| 130°-140° | 419.0  | 7.7       |
| 140°-150° | 391.8  | 7.2       |
| 150°-160° | 316.0  | 5.8       |
| 160°-170° | 204.0  | 3.8       |
| 170°-180° | 70.3   | 1.3       |
| 0°-30°    | 987.7  | 18.3      |
| 0°-40°    | 1615.0 | 29.9      |
| 0°-60°    | 2630.3 | 48.6      |
| 0°-90°    | 3153.5 | 58.3      |
| 90°-120°  | 461.2  | 8.5       |
| 90°-150°  | 1664.2 | 30.8      |
| 90°-180°  | 2255.0 | 41.7      |
| 0°-180°   | 5408.0 | 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°  | 0    | 16   | 0    | 16   | 0    | 4    |
| 95°  | 34   | 21   | 34   | 21   | 34   | 40   |
| 105° | 164  | 24   | 164  | 24   | 164  | 174  |
| 115° | 307  | 323  | 307  | 323  | 307  | 303  |
| 125° | 433  | 442  | 433  | 442  | 433  | 387  |
| 135° | 539  | 544  | 539  | 544  | 539  | 415  |
| 145° | 622  | 628  | 622  | 628  | 622  | 389  |
| 155° | 685  | 684  | 685  | 684  | 685  | 316  |
| 165° | 722  | 721  | 722  | 721  | 722  | 204  |
| 175° | 740  | 737  | 740  | 737  | 740  | 70   |
| 180° | 740  | 740  | 740  | 740  | 740  |      |

TEST NUMBER: P1012063

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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°    | 0.5    | 1.7    | 2.9    | 4.2    | 5.4    | 6.0    | 6.8    | 8.4    | 10.0   | 11.6   | 13.2   |
| 92.5°  | 12.6   | 11.9   | 11.1   | 10.4   | 9.7    | 9.3    | 9.9    | 11.0   | 12.1   | 13.2   | 14.3   |
| 95°    | 33.5   | 28.5   | 23.5   | 18.5   | 13.5   | 11.0   | 11.7   | 13.0   | 14.3   | 15.7   | 17.0   |
| 97.5°  | 61.0   | 57.6   | 54.2   | 50.7   | 47.3   | 45.6   | 42.5   | 36.3   | 30.0   | 23.8   | 17.6   |
| 100°   | 92.9   | 95.3   | 97.7   | 100.2  | 102.6  | 103.8  | 94.3   | 75.2   | 56.2   | 37.1   | 18.1   |
| 102.5° | 129.1  | 130.7  | 132.3  | 133.9  | 135.5  | 136.3  | 125.7  | 104.4  | 83.2   | 61.9   | 40.7   |
| 105°   | 163.7  | 165.1  | 166.4  | 167.8  | 169.1  | 169.8  | 164.3  | 153.3  | 142.3  | 131.3  | 120.3  |
| 107.5° | 200.5  | 201.6  | 202.7  | 203.8  | 204.9  | 205.5  | 206.4  | 208.2  | 210.1  | 211.9  | 213.7  |
| 110°   | 237.4  | 238.4  | 239.3  | 240.3  | 241.2  | 241.7  | 242.4  | 243.7  | 245.1  | 246.4  | 247.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 272.5 | 273.4 | 274.2 | 275.1 | 276.0 | 276.4 | 277.1 | 278.4 | 279.7 | 281.1 | 282.4 |
| 115°   | 307.1 | 307.8 | 308.6 | 309.3 | 310.0 | 310.4 | 311.0 | 312.1 | 313.2 | 314.3 | 315.4 |
| 117.5° | 341.2 | 342.0 | 342.9 | 343.7 | 344.6 | 345.0 | 345.3 | 345.9 | 346.6 | 347.2 | 347.8 |
| 120°   | 372.5 | 373.6 | 374.7 | 375.8 | 376.9 | 377.5 | 377.7 | 378.0 | 378.4 | 378.7 | 379.1 |
| 122.5° | 404.4 | 405.2 | 406.1 | 406.9 | 407.8 | 408.2 | 408.4 | 408.9 | 409.4 | 409.9 | 410.4 |
| 125°   | 432.9 | 433.9 | 434.9 | 435.8 | 436.8 | 437.3 | 437.5 | 438.0 | 438.5 | 439.0 | 439.5 |
| 127.5° | 461.5 | 462.5 | 463.5 | 464.4 | 465.4 | 465.9 | 466.2 | 466.8 | 467.5 | 468.1 | 468.7 |
| 130°   | 487.9 | 488.9 | 489.9 | 490.8 | 491.8 | 492.3 | 492.5 | 493.0 | 493.5 | 494.0 | 494.5 |
| 132.5° | 513.2 | 514.2 | 515.2 | 516.1 | 517.1 | 517.6 | 517.8 | 518.1 | 518.5 | 518.8 | 519.2 |
| 135°   | 539.0 | 539.7 | 540.5 | 541.2 | 541.9 | 542.3 | 542.5 | 543.0 | 543.5 | 544.0 | 544.5 |
| 137.5° | 561.0 | 562.0 | 563.0 | 563.9 | 564.9 | 565.4 | 565.5 | 565.8 | 566.0 | 566.3 | 566.5 |
| 140°   | 582.9 | 583.6 | 584.4 | 585.1 | 585.8 | 586.2 | 586.4 | 586.8 | 587.1 | 587.5 | 587.9 |
| 142.5° | 603.3 | 604.0 | 604.8 | 605.5 | 606.2 | 606.6 | 606.8 | 607.1 | 607.5 | 607.8 | 608.2 |
| 145°   | 622.0 | 622.8 | 623.7 | 624.5 | 625.4 | 625.8 | 625.9 | 626.2 | 626.4 | 626.7 | 626.9 |
| 147.5° | 640.1 | 640.7 | 641.3 | 641.9 | 642.5 | 642.8 | 642.9 | 643.2 | 643.4 | 643.7 | 643.9 |
| 150°   | 656.6 | 657.0 | 657.3 | 657.7 | 658.0 | 658.2 | 658.3 | 658.6 | 658.8 | 659.1 | 659.3 |
| 152.5° | 671.4 | 671.5 | 671.7 | 671.8 | 671.9 | 672.0 | 672.1 | 672.2 | 672.3 | 672.4 | 672.5 |
| 155°   | 685.1 | 684.9 | 684.6 | 684.4 | 684.1 | 684.0 | 684.1 | 684.2 | 684.3 | 684.5 | 684.6 |
| 157.5° | 696.1 | 696.1 | 696.1 | 696.1 | 696.1 | 696.1 | 696.0 | 695.9 | 695.8 | 695.7 | 695.6 |
| 160°   | 706.0 | 705.9 | 705.8 | 705.7 | 705.6 | 705.5 | 705.4 | 705.3 | 705.2 | 705.0 | 704.9 |
| 162.5° | 715.4 | 715.0 | 714.6 | 714.3 | 713.9 | 713.7 | 713.6 | 713.5 | 713.4 | 713.3 | 713.2 |
| 165°   | 722.5 | 722.1 | 721.8 | 721.4 | 721.1 | 720.9 | 720.8 | 720.7 | 720.6 | 720.4 | 720.3 |
| 167.5° | 728.5 | 728.0 | 727.5 | 727.0 | 726.5 | 726.3 | 726.3 | 726.3 | 726.3 | 726.3 | 726.3 |
| 170°   | 733.5 | 733.0 | 732.5 | 732.0 | 731.5 | 731.3 | 731.3 | 731.3 | 731.3 | 731.3 | 731.3 |
| 172.5° | 736.8 | 736.2 | 735.6 | 734.9 | 734.3 | 734.0 | 734.1 | 734.2 | 734.3 | 734.5 | 734.6 |
| 175°   | 739.5 | 738.9 | 738.3 | 737.7 | 737.1 | 736.8 | 736.9 | 737.0 | 737.1 | 737.2 | 737.3 |
| 177.5° | 740.6 | 740.0 | 739.4 | 738.8 | 738.2 | 737.9 | 738.0 | 738.1 | 738.2 | 738.3 | 738.4 |
| 180°   | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 |

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**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°    | 13.7   | 14.2   | 14.7   | 15.2   | 15.4   | 15.5   | 15.8   | 16.0   | 16.3   | 16.5   | 16.3   |
| 92.5°  | 15.1   | 16.0   | 16.8   | 17.7   | 18.1   | 18.2   | 18.3   | 18.4   | 18.6   | 18.7   | 18.6   |
| 95°    | 17.9   | 18.7   | 19.6   | 20.5   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   |
| 97.5°  | 18.6   | 19.6   | 20.5   | 21.5   | 22.0   | 22.1   | 22.2   | 22.3   | 22.4   | 22.5   | 22.4   |
| 100°   | 19.1   | 20.1   | 21.0   | 22.0   | 22.5   | 22.6   | 22.7   | 22.8   | 23.0   | 23.1   | 23.0   |
| 102.5° | 36.7   | 32.6   | 28.6   | 24.5   | 22.5   | 22.6   | 22.9   | 23.1   | 23.4   | 23.6   | 23.4   |
| 105°   | 98.7   | 77.1   | 55.5   | 33.9   | 23.1   | 23.2   | 23.5   | 23.7   | 24.0   | 24.2   | 24.0   |
| 107.5° | 194.9  | 176.1  | 157.3  | 138.5  | 129.1  | 121.1  | 105.1  | 89.1   | 73.1   | 57.1   | 73.1   |
| 110°   | 243.8  | 239.8  | 235.7  | 231.7  | 229.7  | 221.0  | 203.5  | 186.0  | 168.6  | 151.1  | 168.6  |

TEST NUMBER: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 283.5 | 284.6 | 285.7 | 286.8 | 287.4 | 287.3 | 287.0 | 286.8 | 286.5 | 286.3 | 286.5 |
| 115°   | 316.6 | 317.8 | 319.1 | 320.3 | 320.9 | 321.1 | 321.6 | 322.1 | 322.6 | 323.1 | 322.6 |
| 117.5° | 348.8 | 349.8 | 350.7 | 351.7 | 352.2 | 352.3 | 352.4 | 352.5 | 352.6 | 352.7 | 352.6 |
| 120°   | 380.1 | 381.1 | 382.0 | 383.0 | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 |
| 122.5° | 411.0 | 411.6 | 412.3 | 412.9 | 413.2 | 413.3 | 413.4 | 413.5 | 413.6 | 413.7 | 413.6 |
| 125°   | 439.7 | 440.0 | 440.2 | 440.5 | 440.6 | 440.7 | 441.0 | 441.2 | 441.5 | 441.7 | 441.5 |
| 127.5° | 469.1 | 469.4 | 469.8 | 470.1 | 470.3 | 470.2 | 469.9 | 469.7 | 469.4 | 469.2 | 469.4 |
| 130°   | 495.0 | 495.5 | 496.0 | 496.5 | 496.7 | 496.6 | 496.3 | 496.1 | 495.8 | 495.6 | 495.8 |
| 132.5° | 519.7 | 520.2 | 520.7 | 521.2 | 521.4 | 521.2 | 520.9 | 520.5 | 520.2 | 519.8 | 520.2 |
| 135°   | 544.9 | 545.2 | 545.6 | 545.9 | 546.1 | 545.9 | 545.6 | 545.2 | 544.9 | 544.5 | 544.9 |
| 137.5° | 567.1 | 567.7 | 568.3 | 568.9 | 569.2 | 569.1 | 568.8 | 568.6 | 568.3 | 568.1 | 568.3 |
| 140°   | 588.4 | 588.9 | 589.4 | 589.9 | 590.1 | 590.0 | 589.7 | 589.5 | 589.2 | 589.0 | 589.2 |
| 142.5° | 608.6 | 609.0 | 609.3 | 609.7 | 609.9 | 609.7 | 609.3 | 609.0 | 608.6 | 608.2 | 608.6 |
| 145°   | 627.1 | 627.4 | 627.6 | 627.9 | 628.0 | 628.0 | 628.0 | 628.0 | 628.0 | 628.0 | 628.0 |
| 147.5° | 644.1 | 644.4 | 644.6 | 644.9 | 645.0 | 644.7 | 644.1 | 643.5 | 642.9 | 642.3 | 642.9 |
| 150°   | 659.5 | 659.8 | 660.0 | 660.3 | 660.4 | 660.2 | 659.9 | 659.5 | 659.2 | 658.8 | 659.2 |
| 152.5° | 673.0 | 673.5 | 674.0 | 674.5 | 674.7 | 674.4 | 673.8 | 673.2 | 672.6 | 672.0 | 672.6 |
| 155°   | 685.2 | 685.8 | 686.4 | 687.0 | 687.3 | 686.9 | 686.2 | 685.5 | 684.7 | 684.0 | 684.7 |
| 157.5° | 696.3 | 697.1 | 697.8 | 698.5 | 698.9 | 698.4 | 697.4 | 696.5 | 695.5 | 694.5 | 695.5 |
| 160°   | 705.6 | 706.4 | 707.1 | 707.8 | 708.2 | 707.8 | 706.9 | 706.1 | 705.2 | 704.4 | 705.2 |
| 162.5° | 714.0 | 714.9 | 715.7 | 716.6 | 717.0 | 716.6 | 715.9 | 715.2 | 714.4 | 713.7 | 714.4 |
| 165°   | 721.3 | 722.3 | 723.2 | 724.2 | 724.7 | 724.3 | 723.4 | 722.6 | 721.7 | 720.9 | 721.7 |
| 167.5° | 727.3 | 728.3 | 729.2 | 730.2 | 730.7 | 730.2 | 729.2 | 728.3 | 727.3 | 726.3 | 727.3 |
| 170°   | 732.3 | 733.3 | 734.2 | 735.2 | 735.7 | 735.2 | 734.2 | 733.3 | 732.3 | 731.3 | 732.3 |
| 172.5° | 735.6 | 736.6 | 737.5 | 738.5 | 739.0 | 738.4 | 737.3 | 736.2 | 735.1 | 734.0 | 735.1 |
| 175°   | 738.2 | 739.0 | 739.9 | 740.8 | 741.2 | 740.7 | 739.7 | 738.8 | 737.8 | 736.8 | 737.8 |
| 177.5° | 739.4 | 740.4 | 741.3 | 742.3 | 742.8 | 742.2 | 741.0 | 739.7 | 738.5 | 737.3 | 738.5 |
| 180°   | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 |

TEST NUMBER: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-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°    | 16.0   | 15.8   | 15.5   | 15.4   | 15.2   | 14.7   | 14.2   | 13.7   | 13.2   | 11.6   | 10.0   |
| 92.5°  | 18.4   | 18.3   | 18.2   | 18.1   | 17.7   | 16.8   | 16.0   | 15.1   | 14.3   | 13.2   | 12.1   |
| 95°    | 20.9   | 20.9   | 20.9   | 20.9   | 20.5   | 19.6   | 18.7   | 17.9   | 17.0   | 15.7   | 14.3   |
| 97.5°  | 22.3   | 22.2   | 22.1   | 22.0   | 21.5   | 20.5   | 19.6   | 18.6   | 17.6   | 23.8   | 30.0   |
| 100°   | 22.8   | 22.7   | 22.6   | 22.5   | 22.0   | 21.0   | 20.1   | 19.1   | 18.1   | 37.1   | 56.2   |
| 102.5° | 23.1   | 22.9   | 22.6   | 22.5   | 24.5   | 28.6   | 32.6   | 36.7   | 40.7   | 61.9   | 83.2   |
| 105°   | 23.7   | 23.5   | 23.2   | 23.1   | 33.9   | 55.5   | 77.1   | 98.7   | 120.3  | 131.3  | 142.3  |
| 107.5° | 89.1   | 105.1  | 121.1  | 129.1  | 138.5  | 157.3  | 176.1  | 194.9  | 213.7  | 211.9  | 210.1  |
| 110°   | 186.0  | 203.5  | 221.0  | 229.7  | 231.7  | 235.7  | 239.8  | 243.8  | 247.8  | 246.4  | 245.1  |

TEST NUMBER: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 286.8 | 287.0 | 287.3 | 287.4  | 286.8 | 285.7 | 284.6 | 283.5 | 282.4 | 281.1 | 279.7 |
| 115°   | 322.1 | 321.6 | 321.1 | 320.9  | 320.3 | 319.1 | 317.8 | 316.6 | 315.4 | 314.3 | 313.2 |
| 117.5° | 352.5 | 352.4 | 352.3 | 352.2  | 351.7 | 350.7 | 349.8 | 348.8 | 347.8 | 347.2 | 346.6 |
| 120°   | 383.5 | 383.5 | 383.5 | 383.5  | 383.0 | 382.0 | 381.1 | 380.1 | 379.1 | 378.7 | 378.4 |
| 122.5° | 413.5 | 413.4 | 413.3 | 413.2  | 412.9 | 412.3 | 411.6 | 411.0 | 410.4 | 409.9 | 409.4 |
| 125°   | 441.2 | 441.0 | 440.7 | 440.6  | 440.5 | 440.2 | 440.0 | 439.7 | 439.5 | 439.0 | 438.5 |
| 127.5° | 469.7 | 469.9 | 470.2 | 470.3  | 470.1 | 469.8 | 469.4 | 469.1 | 468.7 | 468.1 | 467.5 |
| 130°   | 496.1 | 496.3 | 496.6 | 496.7  | 496.5 | 496.0 | 495.5 | 495.0 | 494.5 | 494.0 | 493.5 |
| 132.5° | 520.5 | 520.9 | 521.2 | 521.4  | 521.2 | 520.7 | 520.2 | 519.7 | 519.2 | 518.8 | 518.5 |
| 135°   | 545.2 | 545.6 | 545.9 | 546.1  | 545.9 | 545.6 | 545.2 | 544.9 | 544.5 | 544.0 | 543.5 |
| 137.5° | 568.6 | 568.8 | 569.1 | 569.2  | 568.9 | 568.3 | 567.7 | 567.1 | 566.5 | 566.3 | 566.0 |
| 140°   | 589.5 | 589.7 | 590.0 | 590.1  | 589.9 | 589.4 | 588.9 | 588.4 | 587.9 | 587.5 | 587.1 |
| 142.5° | 609.0 | 609.3 | 609.7 | 609.9  | 609.7 | 609.3 | 609.0 | 608.6 | 608.2 | 607.8 | 607.5 |
| 145°   | 628.0 | 628.0 | 628.0 | 628.0  | 627.9 | 627.6 | 627.4 | 627.1 | 626.9 | 626.7 | 626.4 |
| 147.5° | 643.5 | 644.1 | 644.7 | 645.0  | 644.9 | 644.6 | 644.4 | 644.1 | 643.9 | 643.7 | 643.4 |
| 150°   | 659.5 | 659.9 | 660.2 | 660.4  | 660.3 | 660.0 | 659.8 | 659.5 | 659.3 | 659.1 | 658.8 |
| 152.5° | 673.2 | 673.8 | 674.4 | 674.7  | 674.5 | 674.0 | 673.5 | 673.0 | 672.5 | 672.4 | 672.3 |
| 155°   | 685.5 | 686.2 | 686.9 | 687.3  | 687.0 | 686.4 | 685.8 | 685.2 | 684.6 | 684.5 | 684.3 |
| 157.5° | 696.5 | 697.4 | 698.4 | 698.9  | 698.5 | 697.8 | 697.1 | 696.3 | 695.6 | 695.7 | 695.8 |
| 160°   | 706.1 | 706.9 | 707.8 | 708.2  | 707.8 | 707.1 | 706.4 | 705.6 | 704.9 | 705.0 | 705.2 |
| 162.5° | 715.2 | 715.9 | 716.6 | 717.0  | 716.6 | 715.7 | 714.9 | 714.0 | 713.2 | 713.3 | 713.4 |
| 165°   | 722.6 | 723.4 | 724.3 | 724.7  | 724.2 | 723.2 | 722.3 | 721.3 | 720.3 | 720.4 | 720.6 |
| 167.5° | 728.3 | 729.2 | 730.2 | 730.7  | 730.2 | 729.2 | 728.3 | 727.3 | 726.3 | 726.3 | 726.3 |
| 170°   | 733.3 | 734.2 | 735.2 | 735.7  | 735.2 | 734.2 | 733.3 | 732.3 | 731.3 | 731.3 | 731.3 |
| 172.5° | 736.2 | 737.3 | 738.4 | 739.0  | 738.5 | 737.5 | 736.6 | 735.6 | 734.6 | 734.5 | 734.3 |
| 175°   | 738.8 | 739.7 | 740.7 | 741.2  | 740.8 | 739.9 | 739.0 | 738.2 | 737.3 | 737.2 | 737.1 |
| 177.5° | 739.7 | 741.0 | 742.2 | 742.8  | 742.3 | 741.3 | 740.4 | 739.4 | 738.4 | 738.3 | 738.2 |
| 180°   | 739.5 | 739.5 | 739.5 | 739.5  | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 |

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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°    | 8.4    | 6.8    | 6.0    | 5.4    | 4.2    | 2.9    | 1.7    | 0.5    | 1.7    | 2.9    | 4.2    |
| 92.5°  | 11.0   | 9.9    | 9.3    | 9.7    | 10.4   | 11.1   | 11.9   | 12.6   | 11.9   | 11.1   | 10.4   |
| 95°    | 13.0   | 11.7   | 11.0   | 13.5   | 18.5   | 23.5   | 28.5   | 33.5   | 28.5   | 23.5   | 18.5   |
| 97.5°  | 36.3   | 42.5   | 45.6   | 47.3   | 50.7   | 54.2   | 57.6   | 61.0   | 57.6   | 54.2   | 50.7   |
| 100°   | 75.2   | 94.3   | 103.8  | 102.6  | 100.2  | 97.7   | 95.3   | 92.9   | 95.3   | 97.7   | 100.2  |
| 102.5° | 104.4  | 125.7  | 136.3  | 135.5  | 133.9  | 132.3  | 130.7  | 129.1  | 130.7  | 132.3  | 133.9  |
| 105°   | 153.3  | 164.3  | 169.8  | 169.1  | 167.8  | 166.4  | 165.1  | 163.7  | 165.1  | 166.4  | 167.8  |
| 107.5° | 208.2  | 206.4  | 205.5  | 204.9  | 203.8  | 202.7  | 201.6  | 200.5  | 201.6  | 202.7  | 203.8  |
| 110°   | 243.7  | 242.4  | 241.7  | 241.2  | 240.3  | 239.3  | 238.4  | 237.4  | 238.4  | 239.3  | 240.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 278.4 | 277.1 | 276.4  | 276.0 | 275.1 | 274.2 | 273.4 | 272.5 | 273.4 | 274.2 | 275.1 |
| 115°   | 312.1 | 311.0 | 310.4  | 310.0 | 309.3 | 308.6 | 307.8 | 307.1 | 307.8 | 308.6 | 309.3 |
| 117.5° | 345.9 | 345.3 | 345.0  | 344.6 | 343.7 | 342.9 | 342.0 | 341.2 | 342.0 | 342.9 | 343.7 |
| 120°   | 378.0 | 377.7 | 377.5  | 376.9 | 375.8 | 374.7 | 373.6 | 372.5 | 373.6 | 374.7 | 375.8 |
| 122.5° | 408.9 | 408.4 | 408.2  | 407.8 | 406.9 | 406.1 | 405.2 | 404.4 | 405.2 | 406.1 | 406.9 |
| 125°   | 438.0 | 437.5 | 437.3  | 436.8 | 435.8 | 434.9 | 433.9 | 432.9 | 433.9 | 434.9 | 435.8 |
| 127.5° | 466.8 | 466.2 | 465.9  | 465.4 | 464.4 | 463.5 | 462.5 | 461.5 | 462.5 | 463.5 | 464.4 |
| 130°   | 493.0 | 492.5 | 492.3  | 491.8 | 490.8 | 489.9 | 488.9 | 487.9 | 488.9 | 489.9 | 490.8 |
| 132.5° | 518.1 | 517.8 | 517.6  | 517.1 | 516.1 | 515.2 | 514.2 | 513.2 | 514.2 | 515.2 | 516.1 |
| 135°   | 543.0 | 542.5 | 542.3  | 541.9 | 541.2 | 540.5 | 539.7 | 539.0 | 539.7 | 540.5 | 541.2 |
| 137.5° | 565.8 | 565.5 | 565.4  | 564.9 | 563.9 | 563.0 | 562.0 | 561.0 | 562.0 | 563.0 | 563.9 |
| 140°   | 586.8 | 586.4 | 586.2  | 585.8 | 585.1 | 584.4 | 583.6 | 582.9 | 583.6 | 584.4 | 585.1 |
| 142.5° | 607.1 | 606.8 | 606.6  | 606.2 | 605.5 | 604.8 | 604.0 | 603.3 | 604.0 | 604.8 | 605.5 |
| 145°   | 626.2 | 625.9 | 625.8  | 625.4 | 624.5 | 623.7 | 622.8 | 622.0 | 622.8 | 623.7 | 624.5 |
| 147.5° | 643.2 | 642.9 | 642.8  | 642.5 | 641.9 | 641.3 | 640.7 | 640.1 | 640.7 | 641.3 | 641.9 |
| 150°   | 658.6 | 658.3 | 658.2  | 658.0 | 657.7 | 657.3 | 657.0 | 656.6 | 657.0 | 657.3 | 657.7 |
| 152.5° | 672.2 | 672.1 | 672.0  | 671.9 | 671.8 | 671.7 | 671.5 | 671.4 | 671.5 | 671.7 | 671.8 |
| 155°   | 684.2 | 684.1 | 684.0  | 684.1 | 684.4 | 684.6 | 684.9 | 685.1 | 684.9 | 684.6 | 684.4 |
| 157.5° | 695.9 | 696.0 | 696.1  | 696.1 | 696.1 | 696.1 | 696.1 | 696.1 | 696.1 | 696.1 | 696.1 |
| 160°   | 705.3 | 705.4 | 705.5  | 705.6 | 705.7 | 705.8 | 705.9 | 706.0 | 705.9 | 705.8 | 705.7 |
| 162.5° | 713.5 | 713.6 | 713.7  | 713.9 | 714.3 | 714.6 | 715.0 | 715.4 | 715.0 | 714.6 | 714.3 |
| 165°   | 720.7 | 720.8 | 720.9  | 721.1 | 721.4 | 721.8 | 722.1 | 722.5 | 722.1 | 721.8 | 721.4 |
| 167.5° | 726.3 | 726.3 | 726.3  | 726.5 | 727.0 | 727.5 | 728.0 | 728.5 | 728.0 | 727.5 | 727.0 |
| 170°   | 731.3 | 731.3 | 731.3  | 731.5 | 732.0 | 732.5 | 733.0 | 733.5 | 733.0 | 732.5 | 732.0 |
| 172.5° | 734.2 | 734.1 | 734.0  | 734.3 | 734.9 | 735.6 | 736.2 | 736.8 | 736.2 | 735.6 | 734.9 |
| 175°   | 737.0 | 736.9 | 736.8  | 737.1 | 737.7 | 738.3 | 738.9 | 739.5 | 738.9 | 738.3 | 737.7 |
| 177.5° | 738.1 | 738.0 | 737.9  | 738.2 | 738.8 | 739.4 | 740.0 | 740.6 | 740.0 | 739.4 | 738.8 |
| 180°   | 739.5 | 739.5 | 739.5  | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 |

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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°    | 5.4    | 6.0    | 6.8    | 8.4    | 10.0   | 11.6   | 13.2   | 13.7   | 14.2   | 14.7   | 15.2   |
| 92.5°  | 9.7    | 9.3    | 9.9    | 11.0   | 12.1   | 13.2   | 14.3   | 15.1   | 16.0   | 16.8   | 17.7   |
| 95°    | 13.5   | 11.0   | 11.7   | 13.0   | 14.3   | 15.7   | 17.0   | 17.9   | 18.7   | 19.6   | 20.5   |
| 97.5°  | 47.3   | 45.6   | 42.5   | 36.3   | 30.0   | 23.8   | 17.6   | 18.6   | 19.6   | 20.5   | 21.5   |
| 100°   | 102.6  | 103.8  | 94.3   | 75.2   | 56.2   | 37.1   | 18.1   | 19.1   | 20.1   | 21.0   | 22.0   |
| 102.5° | 135.5  | 136.3  | 125.7  | 104.4  | 83.2   | 61.9   | 40.7   | 36.7   | 32.6   | 28.6   | 24.5   |
| 105°   | 169.1  | 169.8  | 164.3  | 153.3  | 142.3  | 131.3  | 120.3  | 98.7   | 77.1   | 55.5   | 33.9   |
| 107.5° | 204.9  | 205.5  | 206.4  | 208.2  | 210.1  | 211.9  | 213.7  | 194.9  | 176.1  | 157.3  | 138.5  |
| 110°   | 241.2  | 241.7  | 242.4  | 243.7  | 245.1  | 246.4  | 247.8  | 243.8  | 239.8  | 235.7  | 231.7  |

TEST NUMBER: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 276.0 | 276.4  | 277.1 | 278.4 | 279.7 | 281.1 | 282.4 | 283.5 | 284.6 | 285.7 | 286.8 |
| 115°   | 310.0 | 310.4  | 311.0 | 312.1 | 313.2 | 314.3 | 315.4 | 316.6 | 317.8 | 319.1 | 320.3 |
| 117.5° | 344.6 | 345.0  | 345.3 | 345.9 | 346.6 | 347.2 | 347.8 | 348.8 | 349.8 | 350.7 | 351.7 |
| 120°   | 376.9 | 377.5  | 377.7 | 378.0 | 378.4 | 378.7 | 379.1 | 380.1 | 381.1 | 382.0 | 383.0 |
| 122.5° | 407.8 | 408.2  | 408.4 | 408.9 | 409.4 | 409.9 | 410.4 | 411.0 | 411.6 | 412.3 | 412.9 |
| 125°   | 436.8 | 437.3  | 437.5 | 438.0 | 438.5 | 439.0 | 439.5 | 439.7 | 440.0 | 440.2 | 440.5 |
| 127.5° | 465.4 | 465.9  | 466.2 | 466.8 | 467.5 | 468.1 | 468.7 | 469.1 | 469.4 | 469.8 | 470.1 |
| 130°   | 491.8 | 492.3  | 492.5 | 493.0 | 493.5 | 494.0 | 494.5 | 495.0 | 495.5 | 496.0 | 496.5 |
| 132.5° | 517.1 | 517.6  | 517.8 | 518.1 | 518.5 | 518.8 | 519.2 | 519.7 | 520.2 | 520.7 | 521.2 |
| 135°   | 541.9 | 542.3  | 542.5 | 543.0 | 543.5 | 544.0 | 544.5 | 544.9 | 545.2 | 545.6 | 545.9 |
| 137.5° | 564.9 | 565.4  | 565.5 | 565.8 | 566.0 | 566.3 | 566.5 | 567.1 | 567.7 | 568.3 | 568.9 |
| 140°   | 585.8 | 586.2  | 586.4 | 586.8 | 587.1 | 587.5 | 587.9 | 588.4 | 588.9 | 589.4 | 589.9 |
| 142.5° | 606.2 | 606.6  | 606.8 | 607.1 | 607.5 | 607.8 | 608.2 | 608.6 | 609.0 | 609.3 | 609.7 |
| 145°   | 625.4 | 625.8  | 625.9 | 626.2 | 626.4 | 626.7 | 626.9 | 627.1 | 627.4 | 627.6 | 627.9 |
| 147.5° | 642.5 | 642.8  | 642.9 | 643.2 | 643.4 | 643.7 | 643.9 | 644.1 | 644.4 | 644.6 | 644.9 |
| 150°   | 658.0 | 658.2  | 658.3 | 658.6 | 658.8 | 659.1 | 659.3 | 659.5 | 659.8 | 660.0 | 660.3 |
| 152.5° | 671.9 | 672.0  | 672.1 | 672.2 | 672.3 | 672.4 | 672.5 | 673.0 | 673.5 | 674.0 | 674.5 |
| 155°   | 684.1 | 684.0  | 684.1 | 684.2 | 684.3 | 684.5 | 684.6 | 685.2 | 685.8 | 686.4 | 687.0 |
| 157.5° | 696.1 | 696.1  | 696.0 | 695.9 | 695.8 | 695.7 | 695.6 | 696.3 | 697.1 | 697.8 | 698.5 |
| 160°   | 705.6 | 705.5  | 705.4 | 705.3 | 705.2 | 705.0 | 704.9 | 705.6 | 706.4 | 707.1 | 707.8 |
| 162.5° | 713.9 | 713.7  | 713.6 | 713.5 | 713.4 | 713.3 | 713.2 | 714.0 | 714.9 | 715.7 | 716.6 |
| 165°   | 721.1 | 720.9  | 720.8 | 720.7 | 720.6 | 720.4 | 720.3 | 721.3 | 722.3 | 723.2 | 724.2 |
| 167.5° | 726.5 | 726.3  | 726.3 | 726.3 | 726.3 | 726.3 | 726.3 | 727.3 | 728.3 | 729.2 | 730.2 |
| 170°   | 731.5 | 731.3  | 731.3 | 731.3 | 731.3 | 731.3 | 731.3 | 732.3 | 733.3 | 734.2 | 735.2 |
| 172.5° | 734.3 | 734.0  | 734.1 | 734.2 | 734.3 | 734.5 | 734.6 | 735.6 | 736.6 | 737.5 | 738.5 |
| 175°   | 737.1 | 736.8  | 736.9 | 737.0 | 737.1 | 737.2 | 737.3 | 738.2 | 739.0 | 739.9 | 740.8 |
| 177.5° | 738.2 | 737.9  | 738.0 | 738.1 | 738.2 | 738.3 | 738.4 | 739.4 | 740.4 | 741.3 | 742.3 |
| 180°   | 739.5 | 739.5  | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 |

TEST NUMBER: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-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°    | 15.4   | 15.5   | 15.8   | 16.0   | 16.3   | 16.5   | 16.3   | 16.0   | 15.8   | 15.5   | 15.4   |
| 92.5°  | 18.1   | 18.2   | 18.3   | 18.4   | 18.6   | 18.7   | 18.6   | 18.4   | 18.3   | 18.2   | 18.1   |
| 95°    | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   | 20.9   |
| 97.5°  | 22.0   | 22.1   | 22.2   | 22.3   | 22.4   | 22.5   | 22.4   | 22.3   | 22.2   | 22.1   | 22.0   |
| 100°   | 22.5   | 22.6   | 22.7   | 22.8   | 23.0   | 23.1   | 23.0   | 22.8   | 22.7   | 22.6   | 22.5   |
| 102.5° | 22.5   | 22.6   | 22.9   | 23.1   | 23.4   | 23.6   | 23.4   | 23.1   | 22.9   | 22.6   | 22.5   |
| 105°   | 23.1   | 23.2   | 23.5   | 23.7   | 24.0   | 24.2   | 24.0   | 23.7   | 23.5   | 23.2   | 23.1   |
| 107.5° | 129.1  | 121.1  | 105.1  | 89.1   | 73.1   | 57.1   | 73.1   | 89.1   | 105.1  | 121.1  | 129.1  |
| 110°   | 229.7  | 221.0  | 203.5  | 186.0  | 168.6  | 151.1  | 168.6  | 186.0  | 203.5  | 221.0  | 229.7  |

TEST NUMBER: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 287.4  | 287.3 | 287.0 | 286.8 | 286.5 | 286.3 | 286.5 | 286.8 | 287.0 | 287.3 | 287.4  |
| 115°   | 320.9  | 321.1 | 321.6 | 322.1 | 322.6 | 323.1 | 322.6 | 322.1 | 321.6 | 321.1 | 320.9  |
| 117.5° | 352.2  | 352.3 | 352.4 | 352.5 | 352.6 | 352.7 | 352.6 | 352.5 | 352.4 | 352.3 | 352.2  |
| 120°   | 383.5  | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 | 383.5  |
| 122.5° | 413.2  | 413.3 | 413.4 | 413.5 | 413.6 | 413.7 | 413.6 | 413.5 | 413.4 | 413.3 | 413.2  |
| 125°   | 440.6  | 440.7 | 441.0 | 441.2 | 441.5 | 441.7 | 441.5 | 441.2 | 441.0 | 440.7 | 440.6  |
| 127.5° | 470.3  | 470.2 | 469.9 | 469.7 | 469.4 | 469.2 | 469.4 | 469.7 | 469.9 | 470.2 | 470.3  |
| 130°   | 496.7  | 496.6 | 496.3 | 496.1 | 495.8 | 495.6 | 495.8 | 496.1 | 496.3 | 496.6 | 496.7  |
| 132.5° | 521.4  | 521.2 | 520.9 | 520.5 | 520.2 | 519.8 | 520.2 | 520.5 | 520.9 | 521.2 | 521.4  |
| 135°   | 546.1  | 545.9 | 545.6 | 545.2 | 544.9 | 544.5 | 544.9 | 545.2 | 545.6 | 545.9 | 546.1  |
| 137.5° | 569.2  | 569.1 | 568.8 | 568.6 | 568.3 | 568.1 | 568.3 | 568.6 | 568.8 | 569.1 | 569.2  |
| 140°   | 590.1  | 590.0 | 589.7 | 589.5 | 589.2 | 589.0 | 589.2 | 589.5 | 589.7 | 590.0 | 590.1  |
| 142.5° | 609.9  | 609.7 | 609.3 | 609.0 | 608.6 | 608.2 | 608.6 | 609.0 | 609.3 | 609.7 | 609.9  |
| 145°   | 628.0  | 628.0 | 628.0 | 628.0 | 628.0 | 628.0 | 628.0 | 628.0 | 628.0 | 628.0 | 628.0  |
| 147.5° | 645.0  | 644.7 | 644.1 | 643.5 | 642.9 | 642.3 | 642.9 | 643.5 | 644.1 | 644.7 | 645.0  |
| 150°   | 660.4  | 660.2 | 659.9 | 659.5 | 659.2 | 658.8 | 659.2 | 659.5 | 659.9 | 660.2 | 660.4  |
| 152.5° | 674.7  | 674.4 | 673.8 | 673.2 | 672.6 | 672.0 | 672.6 | 673.2 | 673.8 | 674.4 | 674.7  |
| 155°   | 687.3  | 686.9 | 686.2 | 685.5 | 684.7 | 684.0 | 684.7 | 685.5 | 686.2 | 686.9 | 687.3  |
| 157.5° | 698.9  | 698.4 | 697.4 | 696.5 | 695.5 | 694.5 | 695.5 | 696.5 | 697.4 | 698.4 | 698.9  |
| 160°   | 708.2  | 707.8 | 706.9 | 706.1 | 705.2 | 704.4 | 705.2 | 706.1 | 706.9 | 707.8 | 708.2  |
| 162.5° | 717.0  | 716.6 | 715.9 | 715.2 | 714.4 | 713.7 | 714.4 | 715.2 | 715.9 | 716.6 | 717.0  |
| 165°   | 724.7  | 724.3 | 723.4 | 722.6 | 721.7 | 720.9 | 721.7 | 722.6 | 723.4 | 724.3 | 724.7  |
| 167.5° | 730.7  | 730.2 | 729.2 | 728.3 | 727.3 | 726.3 | 727.3 | 728.3 | 729.2 | 730.2 | 730.7  |
| 170°   | 735.7  | 735.2 | 734.2 | 733.3 | 732.3 | 731.3 | 732.3 | 733.3 | 734.2 | 735.2 | 735.7  |
| 172.5° | 739.0  | 738.4 | 737.3 | 736.2 | 735.1 | 734.0 | 735.1 | 736.2 | 737.3 | 738.4 | 739.0  |
| 175°   | 741.2  | 740.7 | 739.7 | 738.8 | 737.8 | 736.8 | 737.8 | 738.8 | 739.7 | 740.7 | 741.2  |
| 177.5° | 742.8  | 742.2 | 741.0 | 739.7 | 738.5 | 737.3 | 738.5 | 739.7 | 741.0 | 742.2 | 742.8  |
| 180°   | 739.5  | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5  |

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**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°    | 15.2   | 14.7   | 14.2   | 13.7   | 13.2   | 11.6   | 10.0   | 8.4    | 6.8    | 6.0    | 5.4    |
| 92.5°  | 17.7   | 16.8   | 16.0   | 15.1   | 14.3   | 13.2   | 12.1   | 11.0   | 9.9    | 9.3    | 9.7    |
| 95°    | 20.5   | 19.6   | 18.7   | 17.9   | 17.0   | 15.7   | 14.3   | 13.0   | 11.7   | 11.0   | 13.5   |
| 97.5°  | 21.5   | 20.5   | 19.6   | 18.6   | 17.6   | 23.8   | 30.0   | 36.3   | 42.5   | 45.6   | 47.3   |
| 100°   | 22.0   | 21.0   | 20.1   | 19.1   | 18.1   | 37.1   | 56.2   | 75.2   | 94.3   | 103.8  | 102.6  |
| 102.5° | 24.5   | 28.6   | 32.6   | 36.7   | 40.7   | 61.9   | 83.2   | 104.4  | 125.7  | 136.3  | 135.5  |
| 105°   | 33.9   | 55.5   | 77.1   | 98.7   | 120.3  | 131.3  | 142.3  | 153.3  | 164.3  | 169.8  | 169.1  |
| 107.5° | 138.5  | 157.3  | 176.1  | 194.9  | 213.7  | 211.9  | 210.1  | 208.2  | 206.4  | 205.5  | 204.9  |
| 110°   | 231.7  | 235.7  | 239.8  | 243.8  | 247.8  | 246.4  | 245.1  | 243.7  | 242.4  | 241.7  | 241.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 286.8 | 285.7 | 284.6 | 283.5 | 282.4 | 281.1 | 279.7 | 278.4 | 277.1 | 276.4  | 276.0 |
| 115°   | 320.3 | 319.1 | 317.8 | 316.6 | 315.4 | 314.3 | 313.2 | 312.1 | 311.0 | 310.4  | 310.0 |
| 117.5° | 351.7 | 350.7 | 349.8 | 348.8 | 347.8 | 347.2 | 346.6 | 345.9 | 345.3 | 345.0  | 344.6 |
| 120°   | 383.0 | 382.0 | 381.1 | 380.1 | 379.1 | 378.7 | 378.4 | 378.0 | 377.7 | 377.5  | 376.9 |
| 122.5° | 412.9 | 412.3 | 411.6 | 411.0 | 410.4 | 409.9 | 409.4 | 408.9 | 408.4 | 408.2  | 407.8 |
| 125°   | 440.5 | 440.2 | 440.0 | 439.7 | 439.5 | 439.0 | 438.5 | 438.0 | 437.5 | 437.3  | 436.8 |
| 127.5° | 470.1 | 469.8 | 469.4 | 469.1 | 468.7 | 468.1 | 467.5 | 466.8 | 466.2 | 465.9  | 465.4 |
| 130°   | 496.5 | 496.0 | 495.5 | 495.0 | 494.5 | 494.0 | 493.5 | 493.0 | 492.5 | 492.3  | 491.8 |
| 132.5° | 521.2 | 520.7 | 520.2 | 519.7 | 519.2 | 518.8 | 518.5 | 518.1 | 517.8 | 517.6  | 517.1 |
| 135°   | 545.9 | 545.6 | 545.2 | 544.9 | 544.5 | 544.0 | 543.5 | 543.0 | 542.5 | 542.3  | 541.9 |
| 137.5° | 568.9 | 568.3 | 567.7 | 567.1 | 566.5 | 566.3 | 566.0 | 565.8 | 565.5 | 565.4  | 564.9 |
| 140°   | 589.9 | 589.4 | 588.9 | 588.4 | 587.9 | 587.5 | 587.1 | 586.8 | 586.4 | 586.2  | 585.8 |
| 142.5° | 609.7 | 609.3 | 609.0 | 608.6 | 608.2 | 607.8 | 607.5 | 607.1 | 606.8 | 606.6  | 606.2 |
| 145°   | 627.9 | 627.6 | 627.4 | 627.1 | 626.9 | 626.7 | 626.4 | 626.2 | 625.9 | 625.8  | 625.4 |
| 147.5° | 644.9 | 644.6 | 644.4 | 644.1 | 643.9 | 643.7 | 643.4 | 643.2 | 642.9 | 642.8  | 642.5 |
| 150°   | 660.3 | 660.0 | 659.8 | 659.5 | 659.3 | 659.1 | 658.8 | 658.6 | 658.3 | 658.2  | 658.0 |
| 152.5° | 674.5 | 674.0 | 673.5 | 673.0 | 672.5 | 672.4 | 672.3 | 672.2 | 672.1 | 672.0  | 671.9 |
| 155°   | 687.0 | 686.4 | 685.8 | 685.2 | 684.6 | 684.5 | 684.3 | 684.2 | 684.1 | 684.0  | 684.1 |
| 157.5° | 698.5 | 697.8 | 697.1 | 696.3 | 695.6 | 695.7 | 695.8 | 695.9 | 696.0 | 696.1  | 696.1 |
| 160°   | 707.8 | 707.1 | 706.4 | 705.6 | 704.9 | 705.0 | 705.2 | 705.3 | 705.4 | 705.5  | 705.6 |
| 162.5° | 716.6 | 715.7 | 714.9 | 714.0 | 713.2 | 713.3 | 713.4 | 713.5 | 713.6 | 713.7  | 713.9 |
| 165°   | 724.2 | 723.2 | 722.3 | 721.3 | 720.3 | 720.4 | 720.6 | 720.7 | 720.8 | 720.9  | 721.1 |
| 167.5° | 730.2 | 729.2 | 728.3 | 727.3 | 726.3 | 726.3 | 726.3 | 726.3 | 726.3 | 726.3  | 726.5 |
| 170°   | 735.2 | 734.2 | 733.3 | 732.3 | 731.3 | 731.3 | 731.3 | 731.3 | 731.3 | 731.3  | 731.5 |
| 172.5° | 738.5 | 737.5 | 736.6 | 735.6 | 734.6 | 734.5 | 734.3 | 734.2 | 734.1 | 734.0  | 734.3 |
| 175°   | 740.8 | 739.9 | 739.0 | 738.2 | 737.3 | 737.2 | 737.1 | 737.0 | 736.9 | 736.8  | 737.1 |
| 177.5° | 742.3 | 741.3 | 740.4 | 739.4 | 738.4 | 738.3 | 738.2 | 738.1 | 738.0 | 737.9  | 738.2 |
| 180°   | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5 | 739.5  | 739.5 |

TEST NUMBER: P1012063

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**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°    | 4.2    | 2.9    | 1.7    | 0.5    |
| 92.5°  | 10.4   | 11.1   | 11.9   | 12.6   |
| 95°    | 18.5   | 23.5   | 28.5   | 33.5   |
| 97.5°  | 50.7   | 54.2   | 57.6   | 61.0   |
| 100°   | 100.2  | 97.7   | 95.3   | 92.9   |
| 102.5° | 133.9  | 132.3  | 130.7  | 129.1  |
| 105°   | 167.8  | 166.4  | 165.1  | 163.7  |
| 107.5° | 203.8  | 202.7  | 201.6  | 200.5  |
| 110°   | 240.3  | 239.3  | 238.4  | 237.4  |

TEST NUMBER: P1012063

CATALOG NUMBER: S123DIP-B775D585UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 275.1 | 274.2 | 273.4 | 272.5 |
| 115°   | 309.3 | 308.6 | 307.8 | 307.1 |
| 117.5° | 343.7 | 342.9 | 342.0 | 341.2 |
| 120°   | 375.8 | 374.7 | 373.6 | 372.5 |
| 122.5° | 406.9 | 406.1 | 405.2 | 404.4 |
| 125°   | 435.8 | 434.9 | 433.9 | 432.9 |
| 127.5° | 464.4 | 463.5 | 462.5 | 461.5 |
| 130°   | 490.8 | 489.9 | 488.9 | 487.9 |
| 132.5° | 516.1 | 515.2 | 514.2 | 513.2 |
| 135°   | 541.2 | 540.5 | 539.7 | 539.0 |
| 137.5° | 563.9 | 563.0 | 562.0 | 561.0 |
| 140°   | 585.1 | 584.4 | 583.6 | 582.9 |
| 142.5° | 605.5 | 604.8 | 604.0 | 603.3 |
| 145°   | 624.5 | 623.7 | 622.8 | 622.0 |
| 147.5° | 641.9 | 641.3 | 640.7 | 640.1 |
| 150°   | 657.7 | 657.3 | 657.0 | 656.6 |
| 152.5° | 671.8 | 671.7 | 671.5 | 671.4 |
| 155°   | 684.4 | 684.6 | 684.9 | 685.1 |
| 157.5° | 696.1 | 696.1 | 696.1 | 696.1 |
| 160°   | 705.7 | 705.8 | 705.9 | 706.0 |
| 162.5° | 714.3 | 714.6 | 715.0 | 715.4 |
| 165°   | 721.4 | 721.8 | 722.1 | 722.5 |
| 167.5° | 727.0 | 727.5 | 728.0 | 728.5 |
| 170°   | 732.0 | 732.5 | 733.0 | 733.5 |
| 172.5° | 734.9 | 735.6 | 736.2 | 736.8 |
| 175°   | 737.7 | 738.3 | 738.9 | 739.5 |
| 177.5° | 738.8 | 739.4 | 740.0 | 740.6 |
| 180°   | 739.5 | 739.5 | 739.5 | 739.5 |

(END OF REPORT)