

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P332563-840

Luminaire Tested: **S124DIP-S575D1035U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332563-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124DIP-S575D1035U840-4F0-1E-UDD-A1  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1035 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6236.9 lumens  
Efficiency: N/A  
Efficacy: 140.2 lumens/watt  
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: General Diffuse

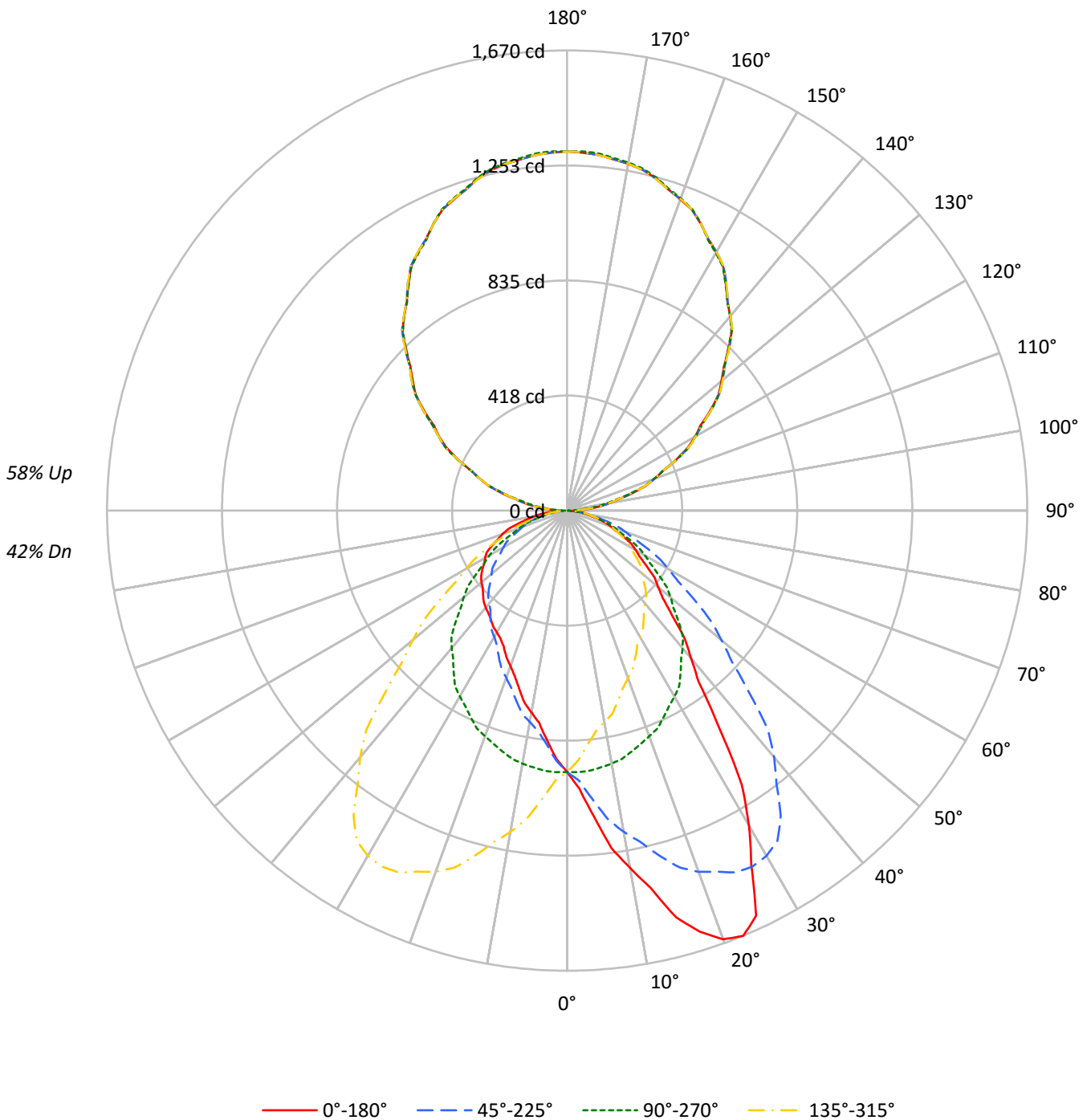
Input Watts (W): 44.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 49 | 49 | 49 | 42 |
| 1   | 96  | 92  | 88  | 85  | 88 | 84 | 81 | 78 | 69 | 67 | 65 | 56 | 54 | 53 | 43 | 42 | 42 | 36 |
| 2   | 88  | 80  | 75  | 70  | 80 | 74 | 69 | 64 | 61 | 57 | 54 | 49 | 47 | 44 | 38 | 37 | 35 | 30 |
| 3   | 80  | 71  | 64  | 58  | 73 | 65 | 59 | 54 | 54 | 49 | 46 | 44 | 40 | 38 | 34 | 32 | 30 | 26 |
| 4   | 73  | 63  | 55  | 49  | 67 | 58 | 51 | 46 | 48 | 43 | 39 | 39 | 35 | 33 | 31 | 28 | 26 | 22 |
| 5   | 67  | 56  | 48  | 42  | 61 | 52 | 45 | 39 | 43 | 38 | 34 | 35 | 31 | 28 | 28 | 25 | 23 | 19 |
| 6   | 62  | 50  | 42  | 37  | 56 | 46 | 39 | 34 | 39 | 33 | 29 | 32 | 28 | 25 | 25 | 22 | 20 | 17 |
| 7   | 57  | 45  | 38  | 32  | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 18 | 15 |
| 8   | 53  | 41  | 34  | 28  | 49 | 38 | 31 | 27 | 32 | 27 | 23 | 26 | 22 | 20 | 21 | 18 | 16 | 14 |
| 9   | 50  | 38  | 30  | 25  | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 24 | 20 | 18 | 20 | 17 | 15 | 12 |
| 10  | 46  | 34  | 27  | 23  | 42 | 32 | 26 | 21 | 27 | 22 | 19 | 22 | 19 | 16 | 18 | 15 | 13 | 11 |

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

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 7657  | 7657 | 7657 | 7657 |
| 5°  | 9018  | 7678 | 6776 | 7678 |
| 10° | 10797 | 7643 | 6101 | 7643 |
| 15° | 12774 | 7565 | 5602 | 7565 |
| 20° | 14225 | 7487 | 5158 | 7487 |
| 25° | 14455 | 7371 | 4851 | 7371 |
| 30° | 12299 | 7260 | 4754 | 7260 |
| 35° | 9456  | 7078 | 4755 | 7078 |
| 40° | 7371  | 6866 | 4845 | 6866 |
| 45° | 6146  | 6545 | 4925 | 6545 |
| 50° | 5408  | 6154 | 5093 | 6154 |
| 55° | 4954  | 5685 | 5298 | 5685 |
| 60° | 4644  | 5265 | 5546 | 5265 |
| 65° | 4323  | 4797 | 5748 | 4797 |
| 70° | 3949  | 4331 | 5880 | 4331 |
| 75° | 3531  | 3812 | 5808 | 3812 |
| 80° | 2957  | 3124 | 5625 | 3124 |
| 85° | 2177  | 2251 | 5391 | 2251 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 92.4   | 1.5       |
| 10°-20°   | 284.8  | 4.6       |
| 20°-30°   | 451.7  | 7.2       |
| 30°-40°   | 502.6  | 8.1       |
| 40°-50°   | 457.5  | 7.3       |
| 50°-60°   | 373.9  | 6.0       |
| 60°-70°   | 266.9  | 4.3       |
| 70°-80°   | 147.0  | 2.4       |
| 80°-90°   | 44.0   | 0.7       |
| 90°-100°  | 86.0   | 1.4       |
| 100°-110° | 254.7  | 4.1       |
| 110°-120° | 432.2  | 6.9       |
| 120°-130° | 569.9  | 9.1       |
| 130°-140° | 640.1  | 10.3      |
| 140°-150° | 629.0  | 10.1      |
| 150°-160° | 529.0  | 8.5       |
| 160°-170° | 352.0  | 5.6       |
| 170°-180° | 123.2  | 2.0       |
| 0°-30°    | 828.9  | 13.3      |
| 0°-40°    | 1331.5 | 21.3      |
| 0°-60°    | 2162.9 | 34.7      |
| 0°-90°    | 2620.9 | 42.0      |
| 90°-120°  | 772.9  | 12.4      |
| 90°-150°  | 2611.8 | 41.9      |
| 90°-180°  | 3616.0 | 58.0      |
| 0°-180°   | 6236.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 948  | 948  | 948  | 948  | 948  |      |
| 5°   | 1113 | 947  | 836  | 947  | 1113 | 113  |
| 15°  | 1528 | 905  | 670  | 905  | 1528 | 432  |
| 25°  | 1623 | 828  | 545  | 828  | 1623 | 715  |
| 35°  | 960  | 718  | 482  | 718  | 960  | 609  |
| 45°  | 538  | 573  | 431  | 573  | 538  | 424  |
| 55°  | 352  | 404  | 376  | 404  | 352  | 318  |
| 65°  | 226  | 251  | 301  | 251  | 226  | 224  |
| 75°  | 113  | 122  | 186  | 122  | 113  | 120  |
| 85°  | 24   | 24   | 58   | 24   | 24   | 29   |
| 90°  | 30   | 3    | 30   | 3    | 30   | 16   |
| 95°  | 80   | 60   | 80   | 60   | 80   | 83   |
| 105° | 246  | 235  | 246  | 235  | 246  | 259  |
| 115° | 436  | 440  | 436  | 440  | 436  | 430  |
| 125° | 635  | 640  | 635  | 640  | 635  | 566  |
| 135° | 827  | 826  | 827  | 826  | 827  | 638  |
| 145° | 1004 | 1003 | 1004 | 1003 | 1004 | 628  |
| 155° | 1148 | 1149 | 1148 | 1149 | 1148 | 528  |
| 165° | 1248 | 1251 | 1248 | 1251 | 1248 | 351  |
| 175° | 1295 | 1301 | 1295 | 1301 | 1295 | 123  |
| 180° | 1303 | 1303 | 1303 | 1303 | 1303 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  |
| 2.5°   | 1009.5 | 1009.2 | 1006.0 | 1005.4 | 1003.2 | 1000.4 | 999.8  | 994.7  | 984.6  | 980.0  | 978.7  |
| 5°     | 1112.8 | 1120.6 | 1110.3 | 1108.4 | 1107.2 | 1094.3 | 1087.6 | 1079.7 | 1061.7 | 1051.1 | 1042.8 |
| 7.5°   | 1236.0 | 1236.9 | 1232.4 | 1228.8 | 1218.8 | 1207.5 | 1190.5 | 1172.5 | 1150.9 | 1128.5 | 1111.7 |
| 10°    | 1317.1 | 1320.2 | 1315.1 | 1314.3 | 1294.2 | 1281.7 | 1256.6 | 1235.4 | 1210.9 | 1183.9 | 1159.1 |
| 12.5°  | 1402.6 | 1398.2 | 1395.5 | 1378.8 | 1375.0 | 1352.1 | 1322.9 | 1301.0 | 1263.4 | 1232.2 | 1199.3 |
| 15°    | 1528.4 | 1519.8 | 1514.3 | 1491.2 | 1479.8 | 1447.9 | 1416.8 | 1392.9 | 1343.8 | 1297.1 | 1261.6 |
| 17.5°  | 1602.4 | 1610.9 | 1598.2 | 1588.7 | 1559.2 | 1536.9 | 1505.2 | 1454.9 | 1416.4 | 1358.4 | 1313.7 |
| 20°    | 1655.8 | 1656.6 | 1649.5 | 1639.6 | 1616.5 | 1588.2 | 1553.6 | 1498.6 | 1452.6 | 1394.8 | 1333.5 |
| 22.5°  | 1670.2 | 1670.4 | 1667.4 | 1658.2 | 1640.6 | 1617.7 | 1582.9 | 1536.9 | 1481.3 | 1418.5 | 1357.2 |
| 25°    | 1622.8 | 1621.2 | 1624.8 | 1635.0 | 1628.3 | 1621.2 | 1601.1 | 1567.0 | 1515.1 | 1448.7 | 1382.7 |
| 27.5°  | 1446.4 | 1457.2 | 1477.2 | 1502.4 | 1526.6 | 1545.0 | 1550.2 | 1543.3 | 1511.1 | 1456.4 | 1387.4 |
| 30°    | 1319.4 | 1332.8 | 1347.7 | 1372.9 | 1421.6 | 1449.5 | 1480.2 | 1503.3 | 1490.4 | 1446.7 | 1382.3 |
| 32.5°  | 1179.8 | 1183.2 | 1205.3 | 1234.0 | 1278.6 | 1332.2 | 1380.8 | 1427.8 | 1443.5 | 1420.7 | 1366.9 |
| 35°    | 959.5  | 965.0  | 989.0  | 1017.2 | 1071.9 | 1137.5 | 1210.6 | 1275.8 | 1329.7 | 1351.3 | 1323.7 |
| 37.5°  | 783.0  | 798.8  | 815.7  | 846.1  | 894.2  | 953.3  | 1029.3 | 1113.6 | 1193.9 | 1247.6 | 1256.7 |
| 40°    | 699.4  | 709.2  | 721.4  | 744.6  | 785.5  | 843.6  | 908.8  | 1005.5 | 1090.8 | 1167.8 | 1193.0 |
| 42.5°  | 633.4  | 639.1  | 646.6  | 667.5  | 698.7  | 756.5  | 816.1  | 901.1  | 986.7  | 1078.8 | 1121.0 |
| 45°    | 538.3  | 544.2  | 556.7  | 569.0  | 592.5  | 632.6  | 688.0  | 757.9  | 843.9  | 932.8  | 1010.6 |
| 47.5°  | 469.6  | 473.4  | 480.9  | 493.9  | 513.9  | 540.4  | 585.4  | 643.8  | 723.6  | 809.8  | 892.7  |
| 50°    | 430.6  | 433.7  | 439.7  | 451.5  | 466.8  | 490.4  | 527.3  | 581.9  | 644.4  | 731.2  | 812.5  |
| 52.5°  | 399.8  | 401.1  | 405.5  | 413.4  | 425.7  | 445.5  | 475.7  | 520.9  | 579.1  | 656.4  | 737.4  |
| 55°    | 352.0  | 353.7  | 357.6  | 363.5  | 374.1  | 386.7  | 409.8  | 443.6  | 494.3  | 561.5  | 631.8  |
| 57.5°  | 312.8  | 313.9  | 317.2  | 319.4  | 328.2  | 338.4  | 356.2  | 380.3  | 418.8  | 475.7  | 538.6  |
| 60°    | 287.6  | 286.8  | 290.7  | 292.8  | 298.6  | 307.3  | 321.0  | 344.2  | 377.6  | 423.5  | 481.3  |
| 62.5°  | 263.1  | 262.0  | 265.3  | 267.9  | 271.2  | 278.6  | 289.9  | 308.0  | 335.2  | 376.8  | 426.7  |
| 65°    | 226.3  | 224.8  | 226.7  | 229.8  | 233.0  | 236.9  | 245.2  | 261.3  | 282.9  | 312.8  | 350.8  |
| 67.5°  | 189.3  | 191.1  | 191.4  | 192.9  | 194.7  | 200.1  | 205.7  | 217.1  | 232.4  | 256.3  | 288.5  |
| 70°    | 167.3  | 167.7  | 169.4  | 169.4  | 170.6  | 175.2  | 180.0  | 186.6  | 201.6  | 223.6  | 249.9  |
| 72.5°  | 145.4  | 147.0  | 146.4  | 147.6  | 148.6  | 151.7  | 155.1  | 161.5  | 174.2  | 190.6  | 212.8  |
| 75°    | 113.2  | 114.3  | 114.3  | 114.7  | 115.9  | 117.0  | 119.9  | 124.5  | 133.6  | 145.7  | 161.1  |
| 77.5°  | 82.5   | 82.7   | 83.2   | 84.6   | 84.6   | 86.5   | 88.6   | 92.3   | 96.8   | 105.1  | 114.5  |
| 80°    | 63.6   | 64.4   | 64.0   | 64.8   | 64.8   | 66.4   | 67.2   | 71.9   | 73.8   | 79.4   | 86.8   |
| 82.5°  | 46.7   | 47.5   | 47.4   | 48.5   | 49.1   | 49.4   | 50.5   | 52.4   | 54.3   | 59.3   | 62.3   |
| 85°    | 23.5   | 24.3   | 23.5   | 24.3   | 25.5   | 26.0   | 27.1   | 27.5   | 29.1   | 30.3   | 33.0   |
| 87.5°  | 12.9   | 13.8   | 13.7   | 13.9   | 14.4   | 14.6   | 14.6   | 14.1   | 15.0   | 15.1   | 16.1   |
| 90°    | 30.2   | 29.8   | 29.4   | 28.9   | 28.5   | 27.6   | 26.3   | 24.8   | 23.5   | 22.2   | 20.4   |
| 92.5°  | 44.7   | 44.5   | 44.2   | 43.9   | 43.7   | 43.1   | 42.3   | 41.5   | 40.7   | 39.9   | 38.7   |
| 95°    | 79.7   | 79.7   | 79.7   | 79.7   | 79.7   | 79.3   | 78.7   | 78.0   | 77.3   | 76.6   | 75.0   |
| 97.5°  | 124.8  | 124.8  | 124.8  | 124.8  | 124.8  | 124.4  | 123.6  | 122.8  | 122.0  | 121.2  | 119.4  |
| 100°   | 156.2  | 156.2  | 156.2  | 156.2  | 156.2  | 156.0  | 155.5  | 155.1  | 154.7  | 154.2  | 152.2  |
| 102.5° | 191.7  | 191.6  | 191.4  | 191.2  | 191.0  | 190.6  | 190.0  | 189.3  | 188.7  | 188.1  | 186.2  |
| 105°   | 245.9  | 245.3  | 244.6  | 243.9  | 243.3  | 242.6  | 242.0  | 241.3  | 240.5  | 239.9  | 239.0  |
| 107.5° | 298.7  | 298.8  | 298.8  | 298.9  | 298.9  | 298.6  | 298.0  | 297.4  | 296.8  | 296.2  | 296.0  |
| 110°   | 336.7  | 336.0  | 335.3  | 334.7  | 334.0  | 333.9  | 334.3  | 334.8  | 335.2  | 335.7  | 335.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.4  | 375.3  | 375.1  | 375.0  | 374.9  | 374.9  | 374.9  | 375.0  | 375.1  | 375.2  | 375.6  |
| 115°   | 435.5  | 435.7  | 435.9  | 436.2  | 436.4  | 436.6  | 436.8  | 437.0  | 437.3  | 437.5  | 437.9  |
| 117.5° | 492.7  | 493.1  | 493.6  | 494.0  | 494.5  | 495.1  | 495.8  | 496.7  | 497.4  | 498.2  | 498.5  |
| 120°   | 536.2  | 535.8  | 535.3  | 534.9  | 534.4  | 534.8  | 535.9  | 537.0  | 538.2  | 539.3  | 540.0  |
| 122.5° | 572.5  | 573.3  | 574.1  | 574.9  | 575.7  | 576.5  | 577.3  | 578.0  | 578.9  | 579.6  | 579.9  |
| 125°   | 635.0  | 635.5  | 635.9  | 636.4  | 636.8  | 637.2  | 637.7  | 638.1  | 638.6  | 639.0  | 639.2  |
| 127.5° | 692.9  | 693.3  | 693.6  | 694.0  | 694.3  | 694.7  | 695.2  | 695.6  | 696.1  | 696.5  | 696.9  |
| 130°   | 730.7  | 731.6  | 732.6  | 733.5  | 734.4  | 735.1  | 735.5  | 736.0  | 736.4  | 736.8  | 736.8  |
| 132.5° | 771.1  | 771.4  | 771.8  | 772.1  | 772.5  | 773.0  | 773.4  | 773.9  | 774.3  | 774.8  | 774.9  |
| 135°   | 826.6  | 827.2  | 827.9  | 828.6  | 829.2  | 829.8  | 830.2  | 830.7  | 831.1  | 831.6  | 831.6  |
| 137.5° | 884.8  | 884.6  | 884.5  | 884.4  | 884.2  | 884.5  | 885.0  | 885.7  | 886.3  | 886.9  | 886.5  |
| 140°   | 920.3  | 920.5  | 920.7  | 921.0  | 921.2  | 921.4  | 921.6  | 921.9  | 922.1  | 922.3  | 922.3  |
| 142.5° | 955.7  | 955.8  | 955.8  | 955.9  | 955.9  | 956.0  | 956.0  | 956.0  | 956.1  | 956.1  | 956.3  |
| 145°   | 1003.9 | 1004.6 | 1005.3 | 1005.9 | 1006.6 | 1007.0 | 1007.3 | 1007.5 | 1007.7 | 1007.9 | 1007.7 |
| 147.5° | 1052.8 | 1053.0 | 1053.2 | 1053.4 | 1053.6 | 1053.8 | 1054.0 | 1054.2 | 1054.4 | 1054.6 | 1054.7 |
| 150°   | 1082.6 | 1082.8 | 1083.0 | 1083.3 | 1083.5 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 |
| 152.5° | 1109.9 | 1110.5 | 1111.2 | 1111.8 | 1112.4 | 1112.4 | 1111.8 | 1111.3 | 1110.8 | 1110.1 | 1110.0 |
| 155°   | 1148.1 | 1149.0 | 1149.9 | 1150.7 | 1151.7 | 1151.7 | 1150.7 | 1149.9 | 1149.0 | 1148.1 | 1148.3 |
| 157.5° | 1182.1 | 1183.0 | 1183.7 | 1184.5 | 1185.2 | 1185.3 | 1184.6 | 1183.9 | 1183.3 | 1182.6 | 1182.7 |
| 160°   | 1201.5 | 1202.6 | 1203.8 | 1204.9 | 1206.0 | 1206.2 | 1205.6 | 1204.9 | 1204.2 | 1203.6 | 1203.8 |
| 162.5° | 1221.6 | 1222.8 | 1224.0 | 1225.1 | 1226.2 | 1226.1 | 1224.9 | 1223.7 | 1222.4 | 1221.2 | 1221.5 |
| 165°   | 1247.9 | 1248.8 | 1249.7 | 1250.6 | 1251.4 | 1251.2 | 1249.9 | 1248.6 | 1247.2 | 1245.9 | 1246.3 |
| 167.5° | 1266.7 | 1268.0 | 1269.4 | 1270.8 | 1272.2 | 1272.2 | 1270.9 | 1269.5 | 1268.2 | 1266.9 | 1266.8 |
| 170°   | 1277.1 | 1278.7 | 1280.2 | 1281.8 | 1283.3 | 1283.5 | 1282.1 | 1280.8 | 1279.5 | 1278.1 | 1277.9 |
| 172.5° | 1286.0 | 1287.6 | 1289.1 | 1290.7 | 1292.2 | 1292.3 | 1290.7 | 1289.2 | 1287.7 | 1286.2 | 1286.2 |
| 175°   | 1295.3 | 1296.9 | 1298.4 | 1300.0 | 1301.5 | 1301.5 | 1300.0 | 1298.4 | 1296.9 | 1295.3 | 1295.5 |
| 177.5° | 1300.1 | 1301.5 | 1302.9 | 1304.4 | 1305.9 | 1306.0 | 1304.6 | 1303.4 | 1302.1 | 1300.9 | 1300.9 |
| 180°   | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 |



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CATALOG NUMBER: S124DIP-S575D1035U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°     | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 |
| 2.5°   | 979.0  | 974.6  | 971.5  | 969.0  | 962.0  | 958.0 | 954.8 | 950.4 | 945.3 | 940.0 | 933.4 |
| 5°     | 1034.6 | 1021.2 | 1011.4 | 996.4  | 982.3  | 970.5 | 958.4 | 947.4 | 933.9 | 919.5 | 908.8 |
| 7.5°   | 1093.0 | 1073.1 | 1047.6 | 1025.5 | 1000.7 | 979.1 | 959.8 | 940.0 | 919.4 | 899.4 | 881.1 |
| 10°    | 1130.0 | 1104.5 | 1076.2 | 1042.8 | 1011.4 | 983.5 | 957.6 | 932.4 | 908.1 | 883.6 | 862.8 |
| 12.5°  | 1169.9 | 1138.1 | 1096.3 | 1057.2 | 1022.1 | 984.7 | 953.4 | 922.6 | 893.2 | 867.7 | 843.3 |
| 15°    | 1223.6 | 1177.6 | 1129.2 | 1077.0 | 1030.7 | 987.0 | 944.2 | 905.2 | 872.3 | 838.5 | 815.0 |
| 17.5°  | 1256.5 | 1199.6 | 1144.4 | 1089.7 | 1033.6 | 978.6 | 932.4 | 887.6 | 846.2 | 812.6 | 782.9 |
| 20°    | 1278.2 | 1221.6 | 1152.9 | 1098.2 | 1031.4 | 974.8 | 921.4 | 871.5 | 828.3 | 792.5 | 761.8 |
| 22.5°  | 1297.1 | 1231.6 | 1162.9 | 1091.0 | 1024.5 | 964.4 | 905.9 | 855.8 | 811.6 | 774.0 | 744.6 |
| 25°    | 1307.3 | 1232.2 | 1157.5 | 1086.0 | 1010.6 | 939.5 | 886.5 | 827.5 | 780.3 | 740.6 | 709.2 |
| 27.5°  | 1308.4 | 1228.1 | 1143.7 | 1064.2 | 986.3  | 920.1 | 853.1 | 800.4 | 751.5 | 709.5 | 679.3 |
| 30°    | 1304.8 | 1221.2 | 1130.4 | 1044.4 | 966.2  | 894.2 | 836.2 | 778.8 | 728.8 | 687.2 | 655.8 |
| 32.5°  | 1293.8 | 1206.7 | 1113.5 | 1022.4 | 941.4  | 871.0 | 811.0 | 756.5 | 707.8 | 666.8 | 633.8 |
| 35°    | 1262.0 | 1176.0 | 1076.6 | 981.9  | 899.0  | 827.9 | 773.7 | 718.2 | 669.5 | 630.7 | 598.8 |
| 37.5°  | 1212.3 | 1134.5 | 1033.5 | 935.4  | 854.0  | 782.6 | 728.8 | 678.8 | 634.9 | 595.3 | 562.7 |
| 40°    | 1168.9 | 1100.6 | 999.2  | 903.7  | 815.7  | 747.7 | 697.4 | 651.5 | 607.8 | 570.5 | 539.5 |
| 42.5°  | 1118.9 | 1059.3 | 965.8  | 864.7  | 779.8  | 711.6 | 662.6 | 621.3 | 580.2 | 545.7 | 514.6 |
| 45°    | 1029.9 | 990.6  | 902.5  | 809.0  | 720.6  | 656.2 | 609.5 | 573.3 | 538.7 | 504.9 | 479.0 |
| 47.5°  | 927.4  | 907.9  | 833.7  | 745.0  | 661.1  | 597.5 | 557.0 | 523.6 | 493.3 | 464.6 | 441.8 |
| 50°    | 858.5  | 849.1  | 785.1  | 699.4  | 619.2  | 559.6 | 518.7 | 490.0 | 464.0 | 438.9 | 417.3 |
| 52.5°  | 790.6  | 790.3  | 732.6  | 654.1  | 580.0  | 522.4 | 481.9 | 455.0 | 432.6 | 412.1 | 392.7 |
| 55°    | 686.8  | 697.8  | 652.7  | 582.7  | 516.3  | 464.4 | 427.9 | 403.9 | 388.2 | 371.3 | 356.8 |
| 57.5°  | 591.5  | 609.8  | 572.5  | 510.9  | 455.4  | 407.7 | 375.9 | 357.9 | 341.1 | 330.9 | 320.3 |
| 60°    | 529.3  | 546.5  | 517.5  | 465.6  | 413.3  | 372.4 | 342.2 | 326.1 | 311.5 | 304.5 | 297.0 |
| 62.5°  | 473.9  | 489.4  | 467.8  | 419.7  | 374.4  | 335.1 | 309.5 | 294.1 | 284.3 | 276.5 | 271.6 |
| 65°    | 394.9  | 407.9  | 389.4  | 354.5  | 315.5  | 284.1 | 263.3 | 251.1 | 241.7 | 238.5 | 233.0 |
| 67.5°  | 319.2  | 331.0  | 321.0  | 291.3  | 260.1  | 236.3 | 220.0 | 208.3 | 202.8 | 200.0 | 196.1 |
| 70°    | 274.3  | 286.1  | 275.4  | 249.5  | 225.5  | 205.5 | 190.2 | 183.5 | 177.6 | 176.4 | 171.0 |
| 72.5°  | 236.2  | 244.3  | 233.6  | 213.4  | 192.9  | 175.9 | 164.1 | 157.1 | 154.0 | 151.9 | 149.0 |
| 75°    | 177.2  | 184.3  | 177.2  | 161.5  | 146.9  | 135.1 | 124.9 | 122.2 | 118.7 | 117.4 | 115.5 |
| 77.5°  | 125.4  | 131.6  | 126.1  | 116.3  | 105.4  | 96.3  | 90.9  | 87.4  | 86.5  | 84.5  | 85.4  |
| 80°    | 95.8   | 99.8   | 94.7   | 88.1   | 79.4   | 73.1  | 69.2  | 67.2  | 64.8  | 64.0  | 65.6  |
| 82.5°  | 68.9   | 70.6   | 68.0   | 63.5   | 57.1   | 52.9  | 50.3  | 48.0  | 47.6  | 47.7  | 47.7  |
| 85°    | 35.7   | 35.3   | 34.9   | 31.0   | 29.1   | 26.4  | 24.7  | 24.3  | 23.9  | 24.7  | 25.5  |
| 87.5°  | 15.7   | 15.7   | 14.9   | 13.2   | 11.8   | 10.4  | 9.6   | 8.8   | 9.6   | 10.4  | 11.2  |
| 90°    | 18.6   | 16.8   | 15.0   | 12.9   | 10.4   | 8.0   | 5.5   | 3.0   | 5.5   | 8.0   | 10.4  |
| 92.5°  | 37.4   | 36.2   | 34.9   | 32.8   | 30.0   | 27.2  | 24.4  | 21.6  | 24.4  | 27.2  | 30.0  |
| 95°    | 73.5   | 71.9   | 70.3   | 68.6   | 66.6   | 64.5  | 62.5  | 60.5  | 62.5  | 64.5  | 66.6  |
| 97.5°  | 117.4  | 115.6  | 113.8  | 112.1  | 110.5  | 108.9 | 107.2 | 105.6 | 107.2 | 108.9 | 110.5 |
| 100°   | 150.2  | 148.1  | 146.1  | 144.7  | 143.8  | 142.9 | 142.0 | 141.1 | 142.0 | 142.9 | 143.8 |
| 102.5° | 184.4  | 182.6  | 180.8  | 179.7  | 179.3  | 178.9 | 178.5 | 178.2 | 178.5 | 178.9 | 179.3 |
| 105°   | 238.1  | 237.2  | 236.3  | 235.8  | 235.5  | 235.3 | 235.1 | 234.9 | 235.1 | 235.3 | 235.5 |
| 107.5° | 295.9  | 295.8  | 295.6  | 295.4  | 295.2  | 294.9 | 294.6 | 294.4 | 294.6 | 294.9 | 295.2 |
| 110°   | 336.1  | 336.3  | 336.6  | 336.5  | 336.0  | 335.6 | 335.1 | 334.7 | 335.1 | 335.6 | 336.0 |





TEST NUMBER: P332563-840

CATALOG NUMBER: S124DIP-S575D1035U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.0  | 376.4  | 376.8  | 377.0  | 376.9  | 376.8  | 376.7  | 376.6  | 376.7  | 376.8  | 376.9  |
| 115°   | 438.4  | 438.8  | 439.3  | 439.5  | 439.5  | 439.5  | 439.5  | 439.5  | 439.5  | 439.5  | 439.5  |
| 117.5° | 498.8  | 499.1  | 499.4  | 499.5  | 499.3  | 499.1  | 499.0  | 498.8  | 499.0  | 499.1  | 499.3  |
| 120°   | 540.6  | 541.3  | 542.0  | 541.9  | 541.0  | 540.1  | 539.2  | 538.3  | 539.2  | 540.1  | 541.0  |
| 122.5° | 580.2  | 580.6  | 580.9  | 580.8  | 580.5  | 580.1  | 579.8  | 579.4  | 579.8  | 580.1  | 580.5  |
| 125°   | 639.5  | 639.7  | 640.0  | 640.1  | 640.1  | 640.1  | 640.1  | 640.1  | 640.1  | 640.1  | 640.1  |
| 127.5° | 697.2  | 697.6  | 697.9  | 697.8  | 697.1  | 696.4  | 695.8  | 695.1  | 695.8  | 696.4  | 697.1  |
| 130°   | 736.8  | 736.8  | 736.8  | 736.5  | 735.8  | 735.2  | 734.5  | 733.8  | 734.5  | 735.2  | 735.8  |
| 132.5° | 775.1  | 775.3  | 775.5  | 775.3  | 774.8  | 774.3  | 773.9  | 773.4  | 773.9  | 774.3  | 774.8  |
| 135°   | 831.6  | 831.6  | 831.6  | 830.9  | 829.6  | 828.2  | 826.9  | 825.6  | 826.9  | 828.2  | 829.6  |
| 137.5° | 886.2  | 885.8  | 885.3  | 884.9  | 884.2  | 883.6  | 883.0  | 882.4  | 883.0  | 883.6  | 884.2  |
| 140°   | 922.3  | 922.3  | 922.3  | 922.1  | 921.6  | 921.2  | 920.7  | 920.3  | 920.7  | 921.2  | 921.6  |
| 142.5° | 956.5  | 956.7  | 956.8  | 956.7  | 956.3  | 955.8  | 955.4  | 954.9  | 955.4  | 955.8  | 956.3  |
| 145°   | 1007.5 | 1007.3 | 1007.0 | 1006.5 | 1005.6 | 1004.7 | 1003.8 | 1002.9 | 1003.8 | 1004.7 | 1005.6 |
| 147.5° | 1054.9 | 1055.1 | 1055.3 | 1054.8 | 1053.8 | 1052.7 | 1051.6 | 1050.6 | 1051.6 | 1052.7 | 1053.8 |
| 150°   | 1083.6 | 1083.6 | 1083.6 | 1083.2 | 1082.3 | 1081.4 | 1080.5 | 1079.5 | 1080.5 | 1081.4 | 1082.3 |
| 152.5° | 1109.8 | 1109.6 | 1109.4 | 1109.1 | 1108.6 | 1108.0 | 1107.5 | 1107.0 | 1107.5 | 1108.0 | 1108.6 |
| 155°   | 1148.5 | 1148.7 | 1149.0 | 1149.1 | 1149.1 | 1149.1 | 1149.1 | 1149.1 | 1149.1 | 1149.1 | 1149.1 |
| 157.5° | 1182.7 | 1182.7 | 1182.8 | 1183.0 | 1183.4 | 1183.8 | 1184.2 | 1184.6 | 1184.2 | 1183.8 | 1183.4 |
| 160°   | 1204.0 | 1204.2 | 1204.5 | 1204.7 | 1204.9 | 1205.1 | 1205.3 | 1205.6 | 1205.3 | 1205.1 | 1204.9 |
| 162.5° | 1221.7 | 1221.9 | 1222.1 | 1222.5 | 1223.1 | 1223.8 | 1224.4 | 1224.9 | 1224.4 | 1223.8 | 1223.1 |
| 165°   | 1246.8 | 1247.2 | 1247.7 | 1248.2 | 1248.9 | 1249.6 | 1250.2 | 1250.9 | 1250.2 | 1249.6 | 1248.9 |
| 167.5° | 1266.8 | 1266.7 | 1266.7 | 1267.1 | 1268.1 | 1269.0 | 1269.9 | 1270.9 | 1269.9 | 1269.0 | 1268.1 |
| 170°   | 1277.7 | 1277.5 | 1277.2 | 1277.7 | 1278.8 | 1279.9 | 1281.0 | 1282.1 | 1281.0 | 1279.9 | 1278.8 |
| 172.5° | 1286.1 | 1286.1 | 1286.0 | 1286.5 | 1287.4 | 1288.4 | 1289.3 | 1290.2 | 1289.3 | 1288.4 | 1287.4 |
| 175°   | 1295.7 | 1296.0 | 1296.2 | 1296.9 | 1298.0 | 1299.1 | 1300.2 | 1301.3 | 1300.2 | 1299.1 | 1298.0 |
| 177.5° | 1300.9 | 1300.9 | 1300.9 | 1301.3 | 1302.2 | 1303.1 | 1304.0 | 1304.9 | 1304.0 | 1303.1 | 1302.2 |
| 180°   | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 |



TEST NUMBER: P332563-840

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**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 |
| 2.5°   | 930.3 | 927.5 | 923.3 | 917.7 | 913.0 | 908.0 | 906.7 | 904.8 | 908.6 | 905.4 | 904.5 |
| 5°     | 899.8 | 891.5 | 880.9 | 868.8 | 861.7 | 851.4 | 849.5 | 845.6 | 841.6 | 841.2 | 837.3 |
| 7.5°   | 867.5 | 855.4 | 841.5 | 829.1 | 817.6 | 806.5 | 799.1 | 797.6 | 791.7 | 788.4 | 784.5 |
| 10°    | 846.8 | 831.8 | 815.7 | 804.0 | 790.5 | 778.8 | 770.5 | 765.8 | 761.8 | 757.5 | 753.7 |
| 12.5°  | 822.2 | 806.4 | 793.0 | 780.3 | 764.5 | 755.5 | 741.9 | 733.8 | 733.0 | 733.1 | 722.9 |
| 15°    | 793.7 | 778.0 | 757.5 | 739.5 | 730.8 | 713.6 | 706.1 | 696.6 | 690.7 | 684.9 | 680.1 |
| 17.5°  | 761.1 | 741.5 | 725.6 | 704.8 | 688.3 | 674.6 | 664.7 | 659.0 | 650.3 | 641.9 | 635.8 |
| 20°    | 740.6 | 719.8 | 703.0 | 681.0 | 662.9 | 646.0 | 637.7 | 629.9 | 623.2 | 616.1 | 609.5 |
| 22.5°  | 719.9 | 698.1 | 677.5 | 656.1 | 639.2 | 621.5 | 613.5 | 602.8 | 596.4 | 592.5 | 585.8 |
| 25°    | 687.2 | 663.7 | 640.1 | 619.7 | 602.4 | 586.6 | 576.0 | 567.7 | 560.7 | 557.5 | 553.2 |
| 27.5°  | 651.7 | 628.2 | 605.5 | 582.3 | 562.7 | 551.3 | 542.8 | 536.5 | 532.5 | 528.4 | 526.3 |
| 30°    | 629.0 | 604.7 | 580.4 | 558.8 | 540.7 | 529.3 | 521.4 | 517.1 | 513.9 | 512.0 | 510.0 |
| 32.5°  | 606.1 | 582.1 | 556.4 | 536.7 | 520.6 | 510.4 | 504.4 | 500.1 | 498.6 | 497.9 | 497.2 |
| 35°    | 569.4 | 545.0 | 521.4 | 503.7 | 488.4 | 484.4 | 479.4 | 477.0 | 476.3 | 479.0 | 480.2 |
| 37.5°  | 533.7 | 511.1 | 489.4 | 472.3 | 462.2 | 456.5 | 454.7 | 454.8 | 457.7 | 460.1 | 462.9 |
| 40°    | 510.8 | 488.8 | 468.4 | 453.4 | 444.0 | 440.5 | 439.7 | 441.6 | 444.7 | 447.6 | 450.7 |
| 42.5°  | 488.5 | 466.8 | 448.3 | 434.2 | 427.7 | 424.4 | 425.0 | 426.9 | 431.3 | 434.6 | 439.4 |
| 45°    | 453.8 | 435.8 | 417.7 | 406.3 | 400.8 | 401.5 | 401.5 | 405.1 | 409.4 | 414.5 | 419.6 |
| 47.5°  | 421.2 | 402.9 | 388.1 | 378.5 | 375.7 | 375.0 | 377.2 | 381.8 | 388.1 | 394.4 | 401.5 |
| 50°    | 399.2 | 381.9 | 368.9 | 360.3 | 357.2 | 358.3 | 361.5 | 365.8 | 373.2 | 381.1 | 388.6 |
| 52.5°  | 376.9 | 361.1 | 349.1 | 341.1 | 338.9 | 341.0 | 344.2 | 351.0 | 357.6 | 366.1 | 375.1 |
| 55°    | 342.2 | 328.9 | 319.4 | 313.6 | 312.8 | 314.0 | 317.5 | 325.0 | 334.4 | 345.0 | 353.7 |
| 57.5°  | 307.7 | 296.6 | 287.9 | 283.9 | 284.3 | 285.4 | 291.1 | 300.0 | 310.1 | 321.4 | 332.5 |
| 60°    | 284.5 | 274.3 | 267.2 | 264.1 | 264.5 | 266.8 | 273.9 | 282.2 | 294.7 | 305.7 | 317.5 |
| 62.5°  | 262.5 | 253.5 | 246.7 | 243.9 | 243.4 | 248.5 | 255.3 | 263.9 | 276.5 | 288.7 | 301.4 |
| 65°    | 227.1 | 220.0 | 214.5 | 213.0 | 214.1 | 218.0 | 226.7 | 238.1 | 248.7 | 261.7 | 275.1 |
| 67.5°  | 192.5 | 186.7 | 183.0 | 183.7 | 185.1 | 190.9 | 198.1 | 207.9 | 219.9 | 233.4 | 246.6 |
| 70°    | 170.6 | 165.0 | 161.9 | 162.3 | 164.6 | 171.7 | 178.0 | 187.8 | 200.8 | 214.5 | 225.5 |
| 72.5°  | 147.9 | 144.3 | 141.5 | 143.1 | 145.4 | 150.4 | 158.1 | 168.0 | 179.5 | 192.2 | 203.9 |
| 75°    | 113.5 | 113.5 | 112.0 | 113.2 | 116.7 | 121.4 | 127.3 | 137.5 | 149.0 | 159.2 | 168.5 |
| 77.5°  | 84.2  | 83.4  | 84.4  | 85.8  | 87.9  | 93.4  | 100.2 | 107.6 | 116.0 | 126.3 | 134.1 |
| 80°    | 64.4  | 64.8  | 66.8  | 69.2  | 70.0  | 74.2  | 81.3  | 88.1  | 94.7  | 103.3 | 110.8 |
| 82.5°  | 48.4  | 48.8  | 49.8  | 52.8  | 53.6  | 58.3  | 62.8  | 69.5  | 75.5  | 81.3  | 87.6  |
| 85°    | 26.4  | 26.4  | 28.3  | 29.5  | 31.4  | 34.5  | 37.4  | 41.3  | 46.8  | 50.7  | 56.6  |
| 87.5°  | 12.6  | 13.0  | 14.6  | 15.7  | 17.0  | 18.9  | 19.8  | 23.5  | 25.0  | 26.9  | 29.9  |
| 90°    | 12.9  | 15.0  | 16.8  | 18.6  | 20.4  | 22.2  | 23.5  | 24.8  | 26.3  | 27.6  | 28.5  |
| 92.5°  | 32.8  | 34.9  | 36.2  | 37.4  | 38.7  | 39.9  | 40.7  | 41.5  | 42.3  | 43.1  | 43.7  |
| 95°    | 68.6  | 70.3  | 71.9  | 73.5  | 75.0  | 76.6  | 77.3  | 78.0  | 78.7  | 79.3  | 79.7  |
| 97.5°  | 112.1 | 113.8 | 115.6 | 117.4 | 119.4 | 121.2 | 122.0 | 122.8 | 123.6 | 124.4 | 124.8 |
| 100°   | 144.7 | 146.1 | 148.1 | 150.2 | 152.2 | 154.2 | 154.7 | 155.1 | 155.5 | 156.0 | 156.2 |
| 102.5° | 179.7 | 180.8 | 182.6 | 184.4 | 186.2 | 188.1 | 188.7 | 189.3 | 190.0 | 190.6 | 191.0 |
| 105°   | 235.8 | 236.3 | 237.2 | 238.1 | 239.0 | 239.9 | 240.5 | 241.3 | 242.0 | 242.6 | 243.3 |
| 107.5° | 295.4 | 295.6 | 295.8 | 295.9 | 296.0 | 296.2 | 296.8 | 297.4 | 298.0 | 298.6 | 298.9 |
| 110°   | 336.5 | 336.6 | 336.3 | 336.1 | 335.9 | 335.7 | 335.2 | 334.8 | 334.3 | 333.9 | 334.0 |



TEST NUMBER: P332563-840

CATALOG NUMBER: S124DIP-S575D1035U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 377.0  | 376.8  | 376.4  | 376.0  | 375.6  | 375.2  | 375.1  | 375.0  | 374.9  | 374.9  | 374.9  |
| 115°   | 439.5  | 439.3  | 438.8  | 438.4  | 437.9  | 437.5  | 437.3  | 437.0  | 436.8  | 436.6  | 436.4  |
| 117.5° | 499.5  | 499.4  | 499.1  | 498.8  | 498.5  | 498.2  | 497.4  | 496.7  | 495.8  | 495.1  | 494.5  |
| 120°   | 541.9  | 542.0  | 541.3  | 540.6  | 540.0  | 539.3  | 538.2  | 537.0  | 535.9  | 534.8  | 534.4  |
| 122.5° | 580.8  | 580.9  | 580.6  | 580.2  | 579.9  | 579.6  | 578.9  | 578.0  | 577.3  | 576.5  | 575.7  |
| 125°   | 640.1  | 640.0  | 639.7  | 639.5  | 639.2  | 639.0  | 638.6  | 638.1  | 637.7  | 637.2  | 636.8  |
| 127.5° | 697.8  | 697.9  | 697.6  | 697.2  | 696.9  | 696.5  | 696.1  | 695.6  | 695.2  | 694.7  | 694.3  |
| 130°   | 736.5  | 736.8  | 736.8  | 736.8  | 736.8  | 736.8  | 736.4  | 736.0  | 735.5  | 735.1  | 734.4  |
| 132.5° | 775.3  | 775.5  | 775.3  | 775.1  | 774.9  | 774.8  | 774.3  | 773.9  | 773.4  | 773.0  | 772.5  |
| 135°   | 830.9  | 831.6  | 831.6  | 831.6  | 831.6  | 831.6  | 831.1  | 830.7  | 830.2  | 829.8  | 829.2  |
| 137.5° | 884.9  | 885.3  | 885.8  | 886.2  | 886.5  | 886.9  | 886.3  | 885.7  | 885.0  | 884.5  | 884.2  |
| 140°   | 922.1  | 922.3  | 922.3  | 922.3  | 922.3  | 922.3  | 922.1  | 921.9  | 921.6  | 921.4  | 921.2  |
| 142.5° | 956.7  | 956.8  | 956.7  | 956.5  | 956.3  | 956.1  | 956.1  | 956.0  | 956.0  | 956.0  | 955.9  |
| 145°   | 1006.5 | 1007.0 | 1007.3 | 1007.5 | 1007.7 | 1007.9 | 1007.7 | 1007.5 | 1007.3 | 1007.0 | 1006.6 |
| 147.5° | 1054.8 | 1055.3 | 1055.1 | 1054.9 | 1054.7 | 1054.6 | 1054.4 | 1054.2 | 1054.0 | 1053.8 | 1053.6 |
| 150°   | 1083.2 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.5 |
| 152.5° | 1109.1 | 1109.4 | 1109.6 | 1109.8 | 1110.0 | 1110.1 | 1110.8 | 1111.3 | 1111.8 | 1112.4 | 1112.4 |
| 155°   | 1149.1 | 1149.0 | 1148.7 | 1148.5 | 1148.3 | 1148.1 | 1149.0 | 1149.9 | 1150.7 | 1151.7 | 1151.7 |
| 157.5° | 1183.0 | 1182.8 | 1182.7 | 1182.7 | 1182.7 | 1182.6 | 1183.3 | 1183.9 | 1184.6 | 1185.3 | 1185.2 |
| 160°   | 1204.7 | 1204.5 | 1204.2 | 1204.0 | 1203.8 | 1203.6 | 1204.2 | 1204.9 | 1205.6 | 1206.2 | 1206.0 |
| 162.5° | 1222.5 | 1222.1 | 1221.9 | 1221.7 | 1221.5 | 1221.2 | 1222.4 | 1223.7 | 1224.9 | 1226.1 | 1226.2 |
| 165°   | 1248.2 | 1247.7 | 1247.2 | 1246.8 | 1246.3 | 1245.9 | 1247.2 | 1248.6 | 1249.9 | 1251.2 | 1251.4 |
| 167.5° | 1267.1 | 1266.7 | 1266.7 | 1266.8 | 1266.8 | 1266.9 | 1268.2 | 1269.5 | 1270.9 | 1272.2 | 1272.2 |
| 170°   | 1277.7 | 1277.2 | 1277.5 | 1277.7 | 1277.9 | 1278.1 | 1279.5 | 1280.8 | 1282.1 | 1283.5 | 1283.3 |
| 172.5° | 1286.5 | 1286.0 | 1286.1 | 1286.1 | 1286.2 | 1286.2 | 1287.7 | 1289.2 | 1290.7 | 1292.3 | 1292.2 |
| 175°   | 1296.9 | 1296.2 | 1296.0 | 1295.7 | 1295.5 | 1295.3 | 1296.9 | 1298.4 | 1300.0 | 1301.5 | 1301.5 |
| 177.5° | 1301.3 | 1300.9 | 1300.9 | 1300.9 | 1300.9 | 1300.9 | 1302.1 | 1303.4 | 1304.6 | 1306.0 | 1305.9 |
| 180°   | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 |



TEST NUMBER: P332563-840

CATALOG NUMBER: S124DIP-S575D1035U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 |
| 2.5°   | 903.8 | 903.2 | 901.0 | 900.7 | 901.0 | 903.2 | 903.8 | 904.5 | 905.4 | 908.6 | 904.8 |
| 5°     | 835.0 | 833.0 | 831.8 | 836.2 | 831.8 | 833.0 | 835.0 | 837.3 | 841.2 | 841.6 | 845.6 |
| 7.5°   | 783.0 | 781.4 | 778.0 | 776.9 | 778.0 | 781.4 | 783.0 | 784.5 | 788.4 | 791.7 | 797.6 |
| 10°    | 749.7 | 748.1 | 745.0 | 744.2 | 745.0 | 748.1 | 749.7 | 753.7 | 757.5 | 761.8 | 765.8 |
| 12.5°  | 717.6 | 714.5 | 713.9 | 714.7 | 713.9 | 714.5 | 717.6 | 722.9 | 733.1 | 733.0 | 733.8 |
| 15°    | 675.0 | 673.5 | 669.1 | 670.3 | 669.1 | 673.5 | 675.0 | 680.1 | 684.9 | 690.7 | 696.6 |
| 17.5°  | 633.1 | 631.2 | 625.9 | 630.6 | 625.9 | 631.2 | 633.1 | 635.8 | 641.9 | 650.3 | 659.0 |
| 20°    | 606.6 | 603.5 | 600.8 | 600.4 | 600.8 | 603.5 | 606.6 | 609.5 | 616.1 | 623.2 | 629.9 |
| 22.5°  | 581.5 | 578.7 | 578.5 | 575.8 | 578.5 | 578.7 | 581.5 | 585.8 | 592.5 | 596.4 | 602.8 |
| 25°    | 550.1 | 547.3 | 546.5 | 544.6 | 546.5 | 547.3 | 550.1 | 553.2 | 557.5 | 560.7 | 567.7 |
| 27.5°  | 525.9 | 524.6 | 523.2 | 523.8 | 523.2 | 524.6 | 525.9 | 526.3 | 528.4 | 532.5 | 536.5 |
| 30°    | 511.2 | 510.8 | 510.0 | 510.0 | 510.0 | 510.8 | 511.2 | 510.0 | 512.0 | 513.9 | 517.1 |
| 32.5°  | 499.0 | 498.9 | 499.3 | 499.3 | 499.3 | 498.9 | 499.0 | 497.2 | 497.9 | 498.6 | 500.1 |
| 35°    | 481.7 | 482.9 | 483.7 | 482.5 | 483.7 | 482.9 | 481.7 | 480.2 | 479.0 | 476.3 | 477.0 |
| 37.5°  | 466.2 | 467.4 | 468.5 | 469.8 | 468.5 | 467.4 | 466.2 | 462.9 | 460.1 | 457.7 | 454.8 |
| 40°    | 454.2 | 457.0 | 457.8 | 459.7 | 457.8 | 457.0 | 454.2 | 450.7 | 447.6 | 444.7 | 441.6 |
| 42.5°  | 442.9 | 446.0 | 448.0 | 448.4 | 448.0 | 446.0 | 442.9 | 439.4 | 434.6 | 431.3 | 426.9 |
| 45°    | 425.6 | 428.7 | 431.4 | 431.4 | 431.4 | 428.7 | 425.6 | 419.6 | 414.5 | 409.4 | 405.1 |
| 47.5°  | 407.6 | 412.1 | 414.9 | 415.6 | 414.9 | 412.1 | 407.6 | 401.5 | 394.4 | 388.1 | 381.8 |
| 50°    | 395.3 | 400.8 | 403.5 | 405.5 | 403.5 | 400.8 | 395.3 | 388.6 | 381.1 | 373.2 | 365.8 |
| 52.5°  | 383.3 | 388.8 | 392.5 | 393.5 | 392.5 | 388.8 | 383.3 | 375.1 | 366.1 | 357.6 | 351.0 |
| 55°    | 362.6 | 370.5 | 374.9 | 376.4 | 374.9 | 370.5 | 362.6 | 353.7 | 345.0 | 334.4 | 325.0 |
| 57.5°  | 343.2 | 350.4 | 355.5 | 356.6 | 355.5 | 350.4 | 343.2 | 332.5 | 321.4 | 310.1 | 300.0 |
| 60°    | 328.1 | 336.0 | 342.2 | 343.5 | 342.2 | 336.0 | 328.1 | 317.5 | 305.7 | 294.7 | 282.2 |
| 62.5°  | 312.7 | 320.8 | 326.5 | 329.6 | 326.5 | 320.8 | 312.7 | 301.4 | 288.7 | 276.5 | 263.9 |
| 65°    | 286.1 | 294.3 | 299.8 | 300.9 | 299.8 | 294.3 | 286.1 | 275.1 | 261.7 | 248.7 | 238.1 |
| 67.5°  | 257.0 | 265.2 | 268.8 | 271.1 | 268.8 | 265.2 | 257.0 | 246.6 | 233.4 | 219.9 | 207.9 |
| 70°    | 236.5 | 243.2 | 247.1 | 249.1 | 247.1 | 243.2 | 236.5 | 225.5 | 214.5 | 200.8 | 187.8 |
| 72.5°  | 213.3 | 220.3 | 224.8 | 225.2 | 224.8 | 220.3 | 213.3 | 203.9 | 192.2 | 179.5 | 168.0 |
| 75°    | 177.6 | 183.9 | 186.2 | 186.2 | 186.2 | 183.9 | 177.6 | 168.5 | 159.2 | 149.0 | 137.5 |
| 77.5°  | 140.6 | 143.8 | 146.8 | 147.4 | 146.8 | 143.8 | 140.6 | 134.1 | 126.3 | 116.0 | 107.6 |
| 80°    | 116.7 | 118.7 | 121.0 | 121.0 | 121.0 | 118.7 | 116.7 | 110.8 | 103.3 | 94.7  | 88.1  |
| 82.5°  | 92.2  | 93.8  | 96.1  | 95.8  | 96.1  | 93.8  | 92.2  | 87.6  | 81.3  | 75.5  | 69.5  |
| 85°    | 55.7  | 59.4  | 59.0  | 58.2  | 59.0  | 59.4  | 55.7  | 56.6  | 50.7  | 46.8  | 41.3  |
| 87.5°  | 30.9  | 31.3  | 32.3  | 33.1  | 32.3  | 31.3  | 30.9  | 29.9  | 26.9  | 25.0  | 23.5  |
| 90°    | 28.9  | 29.4  | 29.8  | 30.2  | 29.8  | 29.4  | 28.9  | 28.5  | 27.6  | 26.3  | 24.8  |
| 92.5°  | 43.9  | 44.2  | 44.5  | 44.7  | 44.5  | 44.2  | 43.9  | 43.7  | 43.1  | 42.3  | 41.5  |
| 95°    | 79.7  | 79.7  | 79.7  | 79.7  | 79.7  | 79.7  | 79.7  | 79.7  | 79.3  | 78.7  | 78.0  |
| 97.5°  | 124.8 | 124.8 | 124.8 | 124.8 | 124.8 | 124.8 | 124.8 | 124.8 | 124.4 | 123.6 | 122.8 |
| 100°   | 156.2 | 156.2 | 156.2 | 156.2 | 156.2 | 156.2 | 156.2 | 156.2 | 156.0 | 155.5 | 155.1 |
| 102.5° | 191.2 | 191.4 | 191.6 | 191.7 | 191.6 | 191.4 | 191.2 | 191.0 | 190.6 | 190.0 | 189.3 |
| 105°   | 243.9 | 244.6 | 245.3 | 245.9 | 245.3 | 244.6 | 243.9 | 243.3 | 242.6 | 242.0 | 241.3 |
| 107.5° | 298.9 | 298.8 | 298.8 | 298.7 | 298.8 | 298.8 | 298.9 | 298.9 | 298.6 | 298.0 | 297.4 |
| 110°   | 334.7 | 335.3 | 336.0 | 336.7 | 336.0 | 335.3 | 334.7 | 334.0 | 333.9 | 334.3 | 334.8 |



TEST NUMBER: P332563-840

CATALOG NUMBER: S124DIP-S575D1035U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.0  | 375.1  | 375.3  | 375.4  | 375.3  | 375.1  | 375.0  | 374.9  | 374.9  | 374.9  | 375.0  |
| 115°   | 436.2  | 435.9  | 435.7  | 435.5  | 435.7  | 435.9  | 436.2  | 436.4  | 436.6  | 436.8  | 437.0  |
| 117.5° | 494.0  | 493.6  | 493.1  | 492.7  | 493.1  | 493.6  | 494.0  | 494.5  | 495.1  | 495.8  | 496.7  |
| 120°   | 534.9  | 535.3  | 535.8  | 536.2  | 535.8  | 535.3  | 534.9  | 534.4  | 534.8  | 535.9  | 537.0  |
| 122.5° | 574.9  | 574.1  | 573.3  | 572.5  | 573.3  | 574.1  | 574.9  | 575.7  | 576.5  | 577.3  | 578.0  |
| 125°   | 636.4  | 635.9  | 635.5  | 635.0  | 635.5  | 635.9  | 636.4  | 636.8  | 637.2  | 637.7  | 638.1  |
| 127.5° | 694.0  | 693.6  | 693.3  | 692.9  | 693.3  | 693.6  | 694.0  | 694.3  | 694.7  | 695.2  | 695.6  |
| 130°   | 733.5  | 732.6  | 731.6  | 730.7  | 731.6  | 732.6  | 733.5  | 734.4  | 735.1  | 735.5  | 736.0  |
| 132.5° | 772.1  | 771.8  | 771.4  | 771.1  | 771.4  | 771.8  | 772.1  | 772.5  | 773.0  | 773.4  | 773.9  |
| 135°   | 828.6  | 827.9  | 827.2  | 826.6  | 827.2  | 827.9  | 828.6  | 829.2  | 829.8  | 830.2  | 830.7  |
| 137.5° | 884.4  | 884.5  | 884.6  | 884.8  | 884.6  | 884.5  | 884.4  | 884.2  | 884.5  | 885.0  | 885.7  |
| 140°   | 921.0  | 920.7  | 920.5  | 920.3  | 920.5  | 920.7  | 921.0  | 921.2  | 921.4  | 921.6  | 921.9  |
| 142.5° | 955.9  | 955.8  | 955.8  | 955.7  | 955.8  | 955.8  | 955.9  | 955.9  | 956.0  | 956.0  | 956.0  |
| 145°   | 1005.9 | 1005.3 | 1004.6 | 1003.9 | 1004.6 | 1005.3 | 1005.9 | 1006.6 | 1007.0 | 1007.3 | 1007.5 |
| 147.5° | 1053.4 | 1053.2 | 1053.0 | 1052.8 | 1053.0 | 1053.2 | 1053.4 | 1053.6 | 1053.8 | 1054.0 | 1054.2 |
| 150°   | 1083.3 | 1083.0 | 1082.8 | 1082.6 | 1082.8 | 1083.0 | 1083.3 | 1083.5 | 1083.6 | 1083.6 | 1083.6 |
| 152.5° | 1111.8 | 1111.2 | 1110.5 | 1109.9 | 1110.5 | 1111.2 | 1111.8 | 1112.4 | 1112.4 | 1111.8 | 1111.3 |
| 155°   | 1150.7 | 1149.9 | 1149.0 | 1148.1 | 1149.0 | 1149.9 | 1150.7 | 1151.7 | 1151.7 | 1150.7 | 1149.9 |
| 157.5° | 1184.5 | 1183.7 | 1183.0 | 1182.1 | 1183.0 | 1183.7 | 1184.5 | 1185.2 | 1185.3 | 1184.6 | 1183.9 |
| 160°   | 1204.9 | 1203.8 | 1202.6 | 1201.5 | 1202.6 | 1203.8 | 1204.9 | 1206.0 | 1206.2 | 1205.6 | 1204.9 |
| 162.5° | 1225.1 | 1224.0 | 1222.8 | 1221.6 | 1222.8 | 1224.0 | 1225.1 | 1226.2 | 1226.1 | 1224.9 | 1223.7 |
| 165°   | 1250.6 | 1249.7 | 1248.8 | 1247.9 | 1248.8 | 1249.7 | 1250.6 | 1251.4 | 1251.2 | 1249.9 | 1248.6 |
| 167.5° | 1270.8 | 1269.4 | 1268.0 | 1266.7 | 1268.0 | 1269.4 | 1270.8 | 1272.2 | 1272.2 | 1270.9 | 1269.5 |
| 170°   | 1281.8 | 1280.2 | 1278.7 | 1277.1 | 1278.7 | 1280.2 | 1281.8 | 1283.3 | 1283.5 | 1282.1 | 1280.8 |
| 172.5° | 1290.7 | 1289.1 | 1287.6 | 1286.0 | 1287.6 | 1289.1 | 1290.7 | 1292.2 | 1292.3 | 1290.7 | 1289.2 |
| 175°   | 1300.0 | 1298.4 | 1296.9 | 1295.3 | 1296.9 | 1298.4 | 1300.0 | 1301.5 | 1301.5 | 1300.0 | 1298.4 |
| 177.5° | 1304.4 | 1302.9 | 1301.5 | 1300.1 | 1301.5 | 1302.9 | 1304.4 | 1305.9 | 1306.0 | 1304.6 | 1303.4 |
| 180°   | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 |



TEST NUMBER: P332563-840

CATALOG NUMBER: S124DIP-S575D1035U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 | 948.5 |
| 2.5°   | 906.7 | 908.0 | 913.0 | 917.7 | 923.3 | 927.5 | 930.3 | 933.4 | 940.0 | 945.3 | 950.4 |
| 5°     | 849.5 | 851.4 | 861.7 | 868.8 | 880.9 | 891.5 | 899.8 | 908.8 | 919.5 | 933.9 | 947.4 |
| 7.5°   | 799.1 | 806.5 | 817.6 | 829.1 | 841.5 | 855.4 | 867.5 | 881.1 | 899.4 | 919.4 | 940.0 |
| 10°    | 770.5 | 778.8 | 790.5 | 804.0 | 815.7 | 831.8 | 846.8 | 862.8 | 883.6 | 908.1 | 932.4 |
| 12.5°  | 741.9 | 755.5 | 764.5 | 780.3 | 793.0 | 806.4 | 822.2 | 843.3 | 867.7 | 893.2 | 922.6 |
| 15°    | 706.1 | 713.6 | 730.8 | 739.5 | 757.5 | 778.0 | 793.7 | 815.0 | 838.5 | 872.3 | 905.2 |
| 17.5°  | 664.7 | 674.6 | 688.3 | 704.8 | 725.6 | 741.5 | 761.1 | 782.9 | 812.6 | 846.2 | 887.6 |
| 20°    | 637.7 | 646.0 | 662.9 | 681.0 | 703.0 | 719.8 | 740.6 | 761.8 | 792.5 | 828.3 | 871.5 |
| 22.5°  | 613.5 | 621.5 | 639.2 | 656.1 | 677.5 | 698.1 | 719.9 | 744.6 | 774.0 | 811.6 | 855.8 |
| 25°    | 576.0 | 586.6 | 602.4 | 619.7 | 640.1 | 663.7 | 687.2 | 709.2 | 740.6 | 780.3 | 827.5 |
| 27.5°  | 542.8 | 551.3 | 562.7 | 582.3 | 605.5 | 628.2 | 651.7 | 679.3 | 709.5 | 751.5 | 800.4 |
| 30°    | 521.4 | 529.3 | 540.7 | 558.8 | 580.4 | 604.7 | 629.0 | 655.8 | 687.2 | 728.8 | 778.8 |
| 32.5°  | 504.4 | 510.4 | 520.6 | 536.7 | 556.4 | 582.1 | 606.1 | 633.8 | 666.8 | 707.8 | 756.5 |
| 35°    | 479.4 | 484.4 | 488.4 | 503.7 | 521.4 | 545.0 | 569.4 | 598.8 | 630.7 | 669.5 | 718.2 |
| 37.5°  | 454.7 | 456.5 | 462.2 | 472.3 | 489.4 | 511.1 | 533.7 | 562.7 | 595.3 | 634.9 | 678.8 |
| 40°    | 439.7 | 440.5 | 444.0 | 453.4 | 468.4 | 488.8 | 510.8 | 539.5 | 570.5 | 607.8 | 651.5 |
| 42.5°  | 425.0 | 424.4 | 427.7 | 434.2 | 448.3 | 466.8 | 488.5 | 514.6 | 545.7 | 580.2 | 621.3 |
| 45°    | 401.5 | 401.5 | 400.8 | 406.3 | 417.7 | 435.8 | 453.8 | 479.0 | 504.9 | 538.7 | 573.3 |
| 47.5°  | 377.2 | 375.0 | 375.7 | 378.5 | 388.1 | 402.9 | 421.2 | 441.8 | 464.6 | 493.3 | 523.6 |
| 50°    | 361.5 | 358.3 | 357.2 | 360.3 | 368.9 | 381.9 | 399.2 | 417.3 | 438.9 | 464.0 | 490.0 |
| 52.5°  | 344.2 | 341.0 | 338.9 | 341.1 | 349.1 | 361.1 | 376.9 | 392.7 | 412.1 | 432.6 | 455.0 |
| 55°    | 317.5 | 314.0 | 312.8 | 313.6 | 319.4 | 328.9 | 342.2 | 356.8 | 371.3 | 388.2 | 403.9 |
| 57.5°  | 291.1 | 285.4 | 284.3 | 283.9 | 287.9 | 296.6 | 307.7 | 320.3 | 330.9 | 341.1 | 357.9 |
| 60°    | 273.9 | 266.8 | 264.5 | 264.1 | 267.2 | 274.3 | 284.5 | 297.0 | 304.5 | 311.5 | 326.1 |
| 62.5°  | 255.3 | 248.5 | 243.4 | 243.9 | 246.7 | 253.5 | 262.5 | 271.6 | 276.5 | 284.3 | 294.1 |
| 65°    | 226.7 | 218.0 | 214.1 | 213.0 | 214.5 | 220.0 | 227.1 | 233.0 | 238.5 | 241.7 | 251.1 |
| 67.5°  | 198.1 | 190.9 | 185.1 | 183.7 | 183.0 | 186.7 | 192.5 | 196.1 | 200.0 | 202.8 | 208.3 |
| 70°    | 178.0 | 171.7 | 164.6 | 162.3 | 161.9 | 165.0 | 170.6 | 171.0 | 176.4 | 177.6 | 183.5 |
| 72.5°  | 158.1 | 150.4 | 145.4 | 143.1 | 141.5 | 144.3 | 147.9 | 149.0 | 151.9 | 154.0 | 157.1 |
| 75°    | 127.3 | 121.4 | 116.7 | 113.2 | 112.0 | 113.5 | 113.5 | 115.5 | 117.4 | 118.7 | 122.2 |
| 77.5°  | 100.2 | 93.4  | 87.9  | 85.8  | 84.4  | 83.4  | 84.2  | 85.4  | 84.5  | 86.5  | 87.4  |
| 80°    | 81.3  | 74.2  | 70.0  | 69.2  | 66.8  | 64.8  | 64.4  | 65.6  | 64.0  | 64.8  | 67.2  |
| 82.5°  | 62.8  | 58.3  | 53.6  | 52.8  | 49.8  | 48.8  | 48.4  | 47.7  | 47.7  | 47.6  | 48.0  |
| 85°    | 37.4  | 34.5  | 31.4  | 29.5  | 28.3  | 26.4  | 26.4  | 25.5  | 24.7  | 23.9  | 24.3  |
| 87.5°  | 19.8  | 18.9  | 17.0  | 15.7  | 14.6  | 13.0  | 12.6  | 11.2  | 10.4  | 9.6   | 8.8   |
| 90°    | 23.5  | 22.2  | 20.4  | 18.6  | 16.8  | 15.0  | 12.9  | 10.4  | 8.0   | 5.5   | 3.0   |
| 92.5°  | 40.7  | 39.9  | 38.7  | 37.4  | 36.2  | 34.9  | 32.8  | 30.0  | 27.2  | 24.4  | 21.6  |
| 95°    | 77.3  | 76.6  | 75.0  | 73.5  | 71.9  | 70.3  | 68.6  | 66.6  | 64.5  | 62.5  | 60.5  |
| 97.5°  | 122.0 | 121.2 | 119.4 | 117.4 | 115.6 | 113.8 | 112.1 | 110.5 | 108.9 | 107.2 | 105.6 |
| 100°   | 154.7 | 154.2 | 152.2 | 150.2 | 148.1 | 146.1 | 144.7 | 143.8 | 142.9 | 142.0 | 141.1 |
| 102.5° | 188.7 | 188.1 | 186.2 | 184.4 | 182.6 | 180.8 | 179.7 | 179.3 | 178.9 | 178.5 | 178.2 |
| 105°   | 240.5 | 239.9 | 239.0 | 238.1 | 237.2 | 236.3 | 235.8 | 235.5 | 235.3 | 235.1 | 234.9 |
| 107.5° | 296.8 | 296.2 | 296.0 | 295.9 | 295.8 | 295.6 | 295.4 | 295.2 | 294.9 | 294.6 | 294.4 |
| 110°   | 335.2 | 335.7 | 335.9 | 336.1 | 336.3 | 336.6 | 336.5 | 336.0 | 335.6 | 335.1 | 334.7 |



TEST NUMBER: P332563-840

CATALOG NUMBER: S124DIP-S575D1035U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.1  | 375.2  | 375.6  | 376.0  | 376.4  | 376.8  | 377.0  | 376.9  | 376.8  | 376.7  | 376.6  |
| 115°   | 437.3  | 437.5  | 437.9  | 438.4  | 438.8  | 439.3  | 439.5  | 439.5  | 439.5  | 439.5  | 439.5  |
| 117.5° | 497.4  | 498.2  | 498.5  | 498.8  | 499.1  | 499.4  | 499.5  | 499.3  | 499.1  | 499.0  | 498.8  |
| 120°   | 538.2  | 539.3  | 540.0  | 540.6  | 541.3  | 542.0  | 541.9  | 541.0  | 540.1  | 539.2  | 538.3  |
| 122.5° | 578.9  | 579.6  | 579.9  | 580.2  | 580.6  | 580.9  | 580.8  | 580.5  | 580.1  | 579.8  | 579.4  |
| 125°   | 638.6  | 639.0  | 639.2  | 639.5  | 639.7  | 640.0  | 640.1  | 640.1  | 640.1  | 640.1  | 640.1  |
| 127.5° | 696.1  | 696.5  | 696.9  | 697.2  | 697.6  | 697.9  | 697.8  | 697.1  | 696.4  | 695.8  | 695.1  |
| 130°   | 736.4  | 736.8  | 736.8  | 736.8  | 736.8  | 736.8  | 736.5  | 735.8  | 735.2  | 734.5  | 733.8  |
| 132.5° | 774.3  | 774.8  | 774.9  | 775.1  | 775.3  | 775.5  | 775.3  | 774.8  | 774.3  | 773.9  | 773.4  |
| 135°   | 831.1  | 831.6  | 831.6  | 831.6  | 831.6  | 831.6  | 830.9  | 829.6  | 828.2  | 826.9  | 825.6  |
| 137.5° | 886.3  | 886.9  | 886.5  | 886.2  | 885.8  | 885.3  | 884.9  | 884.2  | 883.6  | 883.0  | 882.4  |
| 140°   | 922.1  | 922.3  | 922.3  | 922.3  | 922.3  | 922.3  | 922.1  | 921.6  | 921.2  | 920.7  | 920.3  |
| 142.5° | 956.1  | 956.1  | 956.3  | 956.5  | 956.7  | 956.8  | 956.7  | 956.3  | 955.8  | 955.4  | 954.9  |
| 145°   | 1007.7 | 1007.9 | 1007.7 | 1007.5 | 1007.3 | 1007.0 | 1006.5 | 1005.6 | 1004.7 | 1003.8 | 1002.9 |
| 147.5° | 1054.4 | 1054.6 | 1054.7 | 1054.9 | 1055.1 | 1055.3 | 1054.8 | 1053.8 | 1052.7 | 1051.6 | 1050.6 |
| 150°   | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.2 | 1082.3 | 1081.4 | 1080.5 | 1079.5 |
| 152.5° | 1110.8 | 1110.1 | 1110.0 | 1109.8 | 1109.6 | 1109.4 | 1109.1 | 1108.6 | 1108.0 | 1107.5 | 1107.0 |
| 155°   | 1149.0 | 1148.1 | 1148.3 | 1148.5 | 1148.7 | 1149.0 | 1149.1 | 1149.1 | 1149.1 | 1149.1 | 1149.1 |
| 157.5° | 1183.3 | 1182.6 | 1182.7 | 1182.7 | 1182.7 | 1182.8 | 1183.0 | 1183.4 | 1183.8 | 1184.2 | 1184.6 |
| 160°   | 1204.2 | 1203.6 | 1203.8 | 1204.0 | 1204.2 | 1204.5 | 1204.7 | 1204.9 | 1205.1 | 1205.3 | 1205.6 |
| 162.5° | 1222.4 | 1221.2 | 1221.5 | 1221.7 | 1221.9 | 1222.1 | 1222.5 | 1223.1 | 1223.8 | 1224.4 | 1224.9 |
| 165°   | 1247.2 | 1245.9 | 1246.3 | 1246.8 | 1247.2 | 1247.7 | 1248.2 | 1248.9 | 1249.6 | 1250.2 | 1250.9 |
| 167.5° | 1268.2 | 1266.9 | 1266.8 | 1266.8 | 1266.7 | 1266.7 | 1267.1 | 1268.1 | 1269.0 | 1269.9 | 1270.9 |
| 170°   | 1279.5 | 1278.1 | 1277.9 | 1277.7 | 1277.5 | 1277.2 | 1277.7 | 1278.8 | 1279.9 | 1281.0 | 1282.1 |
| 172.5° | 1287.7 | 1286.2 | 1286.2 | 1286.1 | 1286.1 | 1286.0 | 1286.5 | 1287.4 | 1288.4 | 1289.3 | 1290.2 |
| 175°   | 1296.9 | 1295.3 | 1295.5 | 1295.7 | 1296.0 | 1296.2 | 1296.9 | 1298.0 | 1299.1 | 1300.2 | 1301.3 |
| 177.5° | 1302.1 | 1300.9 | 1300.9 | 1300.9 | 1300.9 | 1300.9 | 1301.3 | 1302.2 | 1303.1 | 1304.0 | 1304.9 |
| 180°   | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 |



TEST NUMBER: P332563-840

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**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 948.5 | 948.5 | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  |
| 2.5°   | 954.8 | 958.0 | 962.0  | 969.0  | 971.5  | 974.6  | 979.0  | 978.7  | 980.0  | 984.6  | 994.7  |
| 5°     | 958.4 | 970.5 | 982.3  | 996.4  | 1011.4 | 1021.2 | 1034.6 | 1042.8 | 1051.1 | 1061.7 | 1079.7 |
| 7.5°   | 959.8 | 979.1 | 1000.7 | 1025.5 | 1047.6 | 1073.1 | 1093.0 | 1111.7 | 1128.5 | 1150.9 | 1172.5 |
| 10°    | 957.6 | 983.5 | 1011.4 | 1042.8 | 1076.2 | 1104.5 | 1130.0 | 1159.1 | 1183.9 | 1210.9 | 1235.4 |
| 12.5°  | 953.4 | 984.7 | 1022.1 | 1057.2 | 1096.3 | 1138.1 | 1169.9 | 1199.3 | 1232.2 | 1263.4 | 1301.0 |
| 15°    | 944.2 | 987.0 | 1030.7 | 1077.0 | 1129.2 | 1177.6 | 1223.6 | 1261.6 | 1297.1 | 1343.8 | 1392.9 |
| 17.5°  | 932.4 | 978.6 | 1033.6 | 1089.7 | 1144.4 | 1199.6 | 1256.5 | 1313.7 | 1358.4 | 1416.4 | 1454.9 |
| 20°    | 921.4 | 974.8 | 1031.4 | 1098.2 | 1152.9 | 1221.6 | 1278.2 | 1333.5 | 1394.8 | 1452.6 | 1498.6 |
| 22.5°  | 905.9 | 964.4 | 1024.5 | 1091.0 | 1162.9 | 1231.6 | 1297.1 | 1357.2 | 1418.5 | 1481.3 | 1536.9 |
| 25°    | 886.5 | 939.5 | 1010.6 | 1086.0 | 1157.5 | 1232.2 | 1307.3 | 1382.7 | 1448.7 | 1515.1 | 1567.0 |
| 27.5°  | 853.1 | 920.1 | 986.3  | 1064.2 | 1143.7 | 1228.1 | 1308.4 | 1387.4 | 1456.4 | 1511.1 | 1543.3 |
| 30°    | 836.2 | 894.2 | 966.2  | 1044.4 | 1130.4 | 1221.2 | 1304.8 | 1382.3 | 1446.7 | 1490.4 | 1503.3 |
| 32.5°  | 811.0 | 871.0 | 941.4  | 1022.4 | 1113.5 | 1206.7 | 1293.8 | 1366.9 | 1420.7 | 1443.5 | 1427.8 |
| 35°    | 773.7 | 827.9 | 899.0  | 981.9  | 1076.6 | 1176.0 | 1262.0 | 1323.7 | 1351.3 | 1329.7 | 1275.8 |
| 37.5°  | 728.8 | 782.6 | 854.0  | 935.4  | 1033.5 | 1134.5 | 1212.3 | 1256.7 | 1247.6 | 1193.9 | 1113.6 |
| 40°    | 697.4 | 747.7 | 815.7  | 903.7  | 999.2  | 1100.6 | 1168.9 | 1193.0 | 1167.8 | 1090.8 | 1005.5 |
| 42.5°  | 662.6 | 711.6 | 779.8  | 864.7  | 965.8  | 1059.3 | 1118.9 | 1121.0 | 1078.8 | 986.7  | 901.1  |
| 45°    | 609.5 | 656.2 | 720.6  | 809.0  | 902.5  | 990.6  | 1029.9 | 1010.6 | 932.8  | 843.9  | 757.9  |
| 47.5°  | 557.0 | 597.5 | 661.1  | 745.0  | 833.7  | 907.9  | 927.4  | 892.7  | 809.8  | 723.6  | 643.8  |
| 50°    | 518.7 | 559.6 | 619.2  | 699.4  | 785.1  | 849.1  | 858.5  | 812.5  | 731.2  | 644.4  | 581.9  |
| 52.5°  | 481.9 | 522.4 | 580.0  | 654.1  | 732.6  | 790.3  | 790.6  | 737.4  | 656.4  | 579.1  | 520.9  |
| 55°    | 427.9 | 464.4 | 516.3  | 582.7  | 652.7  | 697.8  | 686.8  | 631.8  | 561.5  | 494.3  | 443.6  |
| 57.5°  | 375.9 | 407.7 | 455.4  | 510.9  | 572.5  | 609.8  | 591.5  | 538.6  | 475.7  | 418.8  | 380.3  |
| 60°    | 342.2 | 372.4 | 413.3  | 465.6  | 517.5  | 546.5  | 529.3  | 481.3  | 423.5  | 377.6  | 344.2  |
| 62.5°  | 309.5 | 335.1 | 374.4  | 419.7  | 467.8  | 489.4  | 473.9  | 426.7  | 376.8  | 335.2  | 308.0  |
| 65°    | 263.3 | 284.1 | 315.5  | 354.5  | 389.4  | 407.9  | 394.9  | 350.8  | 312.8  | 282.9  | 261.3  |
| 67.5°  | 220.0 | 236.3 | 260.1  | 291.3  | 321.0  | 331.0  | 319.2  | 288.5  | 256.3  | 232.4  | 217.1  |
| 70°    | 190.2 | 205.5 | 225.5  | 249.5  | 275.4  | 286.1  | 274.3  | 249.9  | 223.6  | 201.6  | 186.6  |
| 72.5°  | 164.1 | 175.9 | 192.9  | 213.4  | 233.6  | 244.3  | 236.2  | 212.8  | 190.6  | 174.2  | 161.5  |
| 75°    | 124.9 | 135.1 | 146.9  | 161.5  | 177.2  | 184.3  | 177.2  | 161.1  | 145.7  | 133.6  | 124.5  |
| 77.5°  | 90.9  | 96.3  | 105.4  | 116.3  | 126.1  | 131.6  | 125.4  | 114.5  | 105.1  | 96.8   | 92.3   |
| 80°    | 69.2  | 73.1  | 79.4   | 88.1   | 94.7   | 99.8   | 95.8   | 86.8   | 79.4   | 73.8   | 71.9   |
| 82.5°  | 50.3  | 52.9  | 57.1   | 63.5   | 68.0   | 70.6   | 68.9   | 62.3   | 59.3   | 54.3   | 52.4   |
| 85°    | 24.7  | 26.4  | 29.1   | 31.0   | 34.9   | 35.3   | 35.7   | 33.0   | 30.3   | 29.1   | 27.5   |
| 87.5°  | 9.6   | 10.4  | 11.8   | 13.2   | 14.9   | 15.7   | 15.7   | 16.1   | 15.1   | 15.0   | 14.1   |
| 90°    | 5.5   | 8.0   | 10.4   | 12.9   | 15.0   | 16.8   | 18.6   | 20.4   | 22.2   | 23.5   | 24.8   |
| 92.5°  | 24.4  | 27.2  | 30.0   | 32.8   | 34.9   | 36.2   | 37.4   | 38.7   | 39.9   | 40.7   | 41.5   |
| 95°    | 62.5  | 64.5  | 66.6   | 68.6   | 70.3   | 71.9   | 73.5   | 75.0   | 76.6   | 77.3   | 78.0   |
| 97.5°  | 107.2 | 108.9 | 110.5  | 112.1  | 113.8  | 115.6  | 117.4  | 119.4  | 121.2  | 122.0  | 122.8  |
| 100°   | 142.0 | 142.9 | 143.8  | 144.7  | 146.1  | 148.1  | 150.2  | 152.2  | 154.2  | 154.7  | 155.1  |
| 102.5° | 178.5 | 178.9 | 179.3  | 179.7  | 180.8  | 182.6  | 184.4  | 186.2  | 188.1  | 188.7  | 189.3  |
| 105°   | 235.1 | 235.3 | 235.5  | 235.8  | 236.3  | 237.2  | 238.1  | 239.0  | 239.9  | 240.5  | 241.3  |
| 107.5° | 294.6 | 294.9 | 295.2  | 295.4  | 295.6  | 295.8  | 295.9  | 296.0  | 296.2  | 296.8  | 297.4  |
| 110°   | 335.1 | 335.6 | 336.0  | 336.5  | 336.6  | 336.3  | 336.1  | 335.9  | 335.7  | 335.2  | 334.8  |





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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.7  | 376.8  | 376.9  | 377.0  | 376.8  | 376.4  | 376.0  | 375.6  | 375.2  | 375.1  | 375.0  |
| 115°   | 439.5  | 439.5  | 439.5  | 439.5  | 439.3  | 438.8  | 438.4  | 437.9  | 437.5  | 437.3  | 437.0  |
| 117.5° | 499.0  | 499.1  | 499.3  | 499.5  | 499.4  | 499.1  | 498.8  | 498.5  | 498.2  | 497.4  | 496.7  |
| 120°   | 539.2  | 540.1  | 541.0  | 541.9  | 542.0  | 541.3  | 540.6  | 540.0  | 539.3  | 538.2  | 537.0  |
| 122.5° | 579.8  | 580.1  | 580.5  | 580.8  | 580.9  | 580.6  | 580.2  | 579.9  | 579.6  | 578.9  | 578.0  |
| 125°   | 640.1  | 640.1  | 640.1  | 640.1  | 640.0  | 639.7  | 639.5  | 639.2  | 639.0  | 638.6  | 638.1  |
| 127.5° | 695.8  | 696.4  | 697.1  | 697.8  | 697.9  | 697.6  | 697.2  | 696.9  | 696.5  | 696.1  | 695.6  |
| 130°   | 734.5  | 735.2  | 735.8  | 736.5  | 736.8  | 736.8  | 736.8  | 736.8  | 736.8  | 736.4  | 736.0  |
| 132.5° | 773.9  | 774.3  | 774.8  | 775.3  | 775.5  | 775.3  | 775.1  | 774.9  | 774.8  | 774.3  | 773.9  |
| 135°   | 826.9  | 828.2  | 829.6  | 830.9  | 831.6  | 831.6  | 831.6  | 831.6  | 831.6  | 831.1  | 830.7  |
| 137.5° | 883.0  | 883.6  | 884.2  | 884.9  | 885.3  | 885.8  | 886.2  | 886.5  | 886.9  | 886.3  | 885.7  |
| 140°   | 920.7  | 921.2  | 921.6  | 922.1  | 922.3  | 922.3  | 922.3  | 922.3  | 922.3  | 922.1  | 921.9  |
| 142.5° | 955.4  | 955.8  | 956.3  | 956.7  | 956.8  | 956.7  | 956.5  | 956.3  | 956.1  | 956.1  | 956.0  |
| 145°   | 1003.8 | 1004.7 | 1005.6 | 1006.5 | 1007.0 | 1007.3 | 1007.5 | 1007.7 | 1007.9 | 1007.7 | 1007.5 |
| 147.5° | 1051.6 | 1052.7 | 1053.8 | 1054.8 | 1055.3 | 1055.1 | 1054.9 | 1054.7 | 1054.6 | 1054.4 | 1054.2 |
| 150°   | 1080.5 | 1081.4 | 1082.3 | 1083.2 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 | 1083.6 |
| 152.5° | 1107.5 | 1108.0 | 1108.6 | 1109.1 | 1109.4 | 1109.6 | 1109.8 | 1110.0 | 1110.1 | 1110.8 | 1111.3 |
| 155°   | 1149.1 | 1149.1 | 1149.1 | 1149.1 | 1149.0 | 1148.7 | 1148.5 | 1148.3 | 1148.1 | 1149.0 | 1149.9 |
| 157.5° | 1184.2 | 1183.8 | 1183.4 | 1183.0 | 1182.8 | 1182.7 | 1182.7 | 1182.7 | 1182.6 | 1183.3 | 1183.9 |
| 160°   | 1205.3 | 1205.1 | 1204.9 | 1204.7 | 1204.5 | 1204.2 | 1204.0 | 1203.8 | 1203.6 | 1204.2 | 1204.9 |
| 162.5° | 1224.4 | 1223.8 | 1223.1 | 1222.5 | 1222.1 | 1221.9 | 1221.7 | 1221.5 | 1221.2 | 1222.4 | 1223.7 |
| 165°   | 1250.2 | 1249.6 | 1248.9 | 1248.2 | 1247.7 | 1247.2 | 1246.8 | 1246.3 | 1245.9 | 1247.2 | 1248.6 |
| 167.5° | 1269.9 | 1269.0 | 1268.1 | 1267.1 | 1266.7 | 1266.7 | 1266.8 | 1266.8 | 1266.9 | 1268.2 | 1269.5 |
| 170°   | 1281.0 | 1279.9 | 1278.8 | 1277.7 | 1277.2 | 1277.5 | 1277.7 | 1277.9 | 1278.1 | 1279.5 | 1280.8 |
| 172.5° | 1289.3 | 1288.4 | 1287.4 | 1286.5 | 1286.0 | 1286.1 | 1286.1 | 1286.2 | 1286.2 | 1287.7 | 1289.2 |
| 175°   | 1300.2 | 1299.1 | 1298.0 | 1296.9 | 1296.2 | 1296.0 | 1295.7 | 1295.5 | 1295.3 | 1296.9 | 1298.4 |
| 177.5° | 1304.0 | 1303.1 | 1302.2 | 1301.3 | 1300.9 | 1300.9 | 1300.9 | 1300.9 | 1300.9 | 1302.1 | 1303.4 |
| 180°   | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  | 948.5  |
| 2.5°   | 999.8  | 1000.4 | 1003.2 | 1005.4 | 1006.0 | 1009.2 | 1009.5 |
| 5°     | 1087.6 | 1094.3 | 1107.2 | 1108.4 | 1110.3 | 1120.6 | 1112.8 |
| 7.5°   | 1190.5 | 1207.5 | 1218.8 | 1228.8 | 1232.4 | 1236.9 | 1236.0 |
| 10°    | 1256.6 | 1281.7 | 1294.2 | 1314.3 | 1315.1 | 1320.2 | 1317.1 |
| 12.5°  | 1322.9 | 1352.1 | 1375.0 | 1378.8 | 1395.5 | 1398.2 | 1402.6 |
| 15°    | 1416.8 | 1447.9 | 1479.8 | 1491.2 | 1514.3 | 1519.8 | 1528.4 |
| 17.5°  | 1505.2 | 1536.9 | 1559.2 | 1588.7 | 1598.2 | 1610.9 | 1602.4 |
| 20°    | 1553.6 | 1588.2 | 1616.5 | 1639.6 | 1649.5 | 1656.6 | 1655.8 |
| 22.5°  | 1582.9 | 1617.7 | 1640.6 | 1658.2 | 1667.4 | 1670.4 | 1670.2 |
| 25°    | 1601.1 | 1621.2 | 1628.3 | 1635.0 | 1624.8 | 1621.2 | 1622.8 |
| 27.5°  | 1550.2 | 1545.0 | 1526.6 | 1502.4 | 1477.2 | 1457.2 | 1446.4 |
| 30°    | 1480.2 | 1449.5 | 1421.6 | 1372.9 | 1347.7 | 1332.8 | 1319.4 |
| 32.5°  | 1380.8 | 1332.2 | 1278.6 | 1234.0 | 1205.3 | 1183.2 | 1179.8 |
| 35°    | 1210.6 | 1137.5 | 1071.9 | 1017.2 | 989.0  | 965.0  | 959.5  |
| 37.5°  | 1029.3 | 953.3  | 894.2  | 846.1  | 815.7  | 798.8  | 783.0  |
| 40°    | 908.8  | 843.6  | 785.5  | 744.6  | 721.4  | 709.2  | 699.4  |
| 42.5°  | 816.1  | 756.5  | 698.7  | 667.5  | 646.6  | 639.1  | 633.4  |
| 45°    | 688.0  | 632.6  | 592.5  | 569.0  | 556.7  | 544.2  | 538.3  |
| 47.5°  | 585.4  | 540.4  | 513.9  | 493.9  | 480.9  | 473.4  | 469.6  |
| 50°    | 527.3  | 490.4  | 466.8  | 451.5  | 439.7  | 433.7  | 430.6  |
| 52.5°  | 475.7  | 445.5  | 425.7  | 413.4  | 405.5  | 401.1  | 399.8  |
| 55°    | 409.8  | 386.7  | 374.1  | 363.5  | 357.6  | 353.7  | 352.0  |
| 57.5°  | 356.2  | 338.4  | 328.2  | 319.4  | 317.2  | 313.9  | 312.8  |
| 60°    | 321.0  | 307.3  | 298.6  | 292.8  | 290.7  | 286.8  | 287.6  |
| 62.5°  | 289.9  | 278.6  | 271.2  | 267.9  | 265.3  | 262.0  | 263.1  |
| 65°    | 245.2  | 236.9  | 233.0  | 229.8  | 226.7  | 224.8  | 226.3  |
| 67.5°  | 205.7  | 200.1  | 194.7  | 192.9  | 191.4  | 191.1  | 189.3  |
| 70°    | 180.0  | 175.2  | 170.6  | 169.4  | 169.4  | 167.7  | 167.3  |
| 72.5°  | 155.1  | 151.7  | 148.6  | 147.6  | 146.4  | 147.0  | 145.4  |
| 75°    | 119.9  | 117.0  | 115.9  | 114.7  | 114.3  | 114.3  | 113.2  |
| 77.5°  | 88.6   | 86.5   | 84.6   | 84.6   | 83.2   | 82.7   | 82.5   |
| 80°    | 67.2   | 66.4   | 64.8   | 64.8   | 64.0   | 64.4   | 63.6   |
| 82.5°  | 50.5   | 49.4   | 49.1   | 48.5   | 47.4   | 47.5   | 46.7   |
| 85°    | 27.1   | 26.0   | 25.5   | 24.3   | 23.5   | 24.3   | 23.5   |
| 87.5°  | 14.6   | 14.6   | 14.4   | 13.9   | 13.7   | 13.8   | 12.9   |
| 90°    | 26.3   | 27.6   | 28.5   | 28.9   | 29.4   | 29.8   | 30.2   |
| 92.5°  | 42.3   | 43.1   | 43.7   | 43.9   | 44.2   | 44.5   | 44.7   |
| 95°    | 78.7   | 79.3   | 79.7   | 79.7   | 79.7   | 79.7   | 79.7   |
| 97.5°  | 123.6  | 124.4  | 124.8  | 124.8  | 124.8  | 124.8  | 124.8  |
| 100°   | 155.5  | 156.0  | 156.2  | 156.2  | 156.2  | 156.2  | 156.2  |
| 102.5° | 190.0  | 190.6  | 191.0  | 191.2  | 191.4  | 191.6  | 191.7  |
| 105°   | 242.0  | 242.6  | 243.3  | 243.9  | 244.6  | 245.3  | 245.9  |
| 107.5° | 298.0  | 298.6  | 298.9  | 298.9  | 298.8  | 298.8  | 298.7  |
| 110°   | 334.3  | 333.9  | 334.0  | 334.7  | 335.3  | 336.0  | 336.7  |



TEST NUMBER: P332563-840

CATALOG NUMBER: S124DIP-S575D1035U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 374.9  | 374.9  | 374.9  | 375.0  | 375.1  | 375.3  | 375.4  |
| 115°   | 436.8  | 436.6  | 436.4  | 436.2  | 435.9  | 435.7  | 435.5  |
| 117.5° | 495.8  | 495.1  | 494.5  | 494.0  | 493.6  | 493.1  | 492.7  |
| 120°   | 535.9  | 534.8  | 534.4  | 534.9  | 535.3  | 535.8  | 536.2  |
| 122.5° | 577.3  | 576.5  | 575.7  | 574.9  | 574.1  | 573.3  | 572.5  |
| 125°   | 637.7  | 637.2  | 636.8  | 636.4  | 635.9  | 635.5  | 635.0  |
| 127.5° | 695.2  | 694.7  | 694.3  | 694.0  | 693.6  | 693.3  | 692.9  |
| 130°   | 735.5  | 735.1  | 734.4  | 733.5  | 732.6  | 731.6  | 730.7  |
| 132.5° | 773.4  | 773.0  | 772.5  | 772.1  | 771.8  | 771.4  | 771.1  |
| 135°   | 830.2  | 829.8  | 829.2  | 828.6  | 827.9  | 827.2  | 826.6  |
| 137.5° | 885.0  | 884.5  | 884.2  | 884.4  | 884.5  | 884.6  | 884.8  |
| 140°   | 921.6  | 921.4  | 921.2  | 921.0  | 920.7  | 920.5  | 920.3  |
| 142.5° | 956.0  | 956.0  | 955.9  | 955.9  | 955.8  | 955.8  | 955.7  |
| 145°   | 1007.3 | 1007.0 | 1006.6 | 1005.9 | 1005.3 | 1004.6 | 1003.9 |
| 147.5° | 1054.0 | 1053.8 | 1053.6 | 1053.4 | 1053.2 | 1053.0 | 1052.8 |
| 150°   | 1083.6 | 1083.6 | 1083.5 | 1083.3 | 1083.0 | 1082.8 | 1082.6 |
| 152.5° | 1111.8 | 1112.4 | 1112.4 | 1111.8 | 1111.2 | 1110.5 | 1109.9 |
| 155°   | 1150.7 | 1151.7 | 1151.7 | 1150.7 | 1149.9 | 1149.0 | 1148.1 |
| 157.5° | 1184.6 | 1185.3 | 1185.2 | 1184.5 | 1183.7 | 1183.0 | 1182.1 |
| 160°   | 1205.6 | 1206.2 | 1206.0 | 1204.9 | 1203.8 | 1202.6 | 1201.5 |
| 162.5° | 1224.9 | 1226.1 | 1226.2 | 1225.1 | 1224.0 | 1222.8 | 1221.6 |
| 165°   | 1249.9 | 1251.2 | 1251.4 | 1250.6 | 1249.7 | 1248.8 | 1247.9 |
| 167.5° | 1270.9 | 1272.2 | 1272.2 | 1270.8 | 1269.4 | 1268.0 | 1266.7 |
| 170°   | 1282.1 | 1283.5 | 1283.3 | 1281.8 | 1280.2 | 1278.7 | 1277.1 |
| 172.5° | 1290.7 | 1292.3 | 1292.2 | 1290.7 | 1289.1 | 1287.6 | 1286.0 |
| 175°   | 1300.0 | 1301.5 | 1301.5 | 1300.0 | 1298.4 | 1296.9 | 1295.3 |
| 177.5° | 1304.6 | 1306.0 | 1305.9 | 1304.4 | 1302.9 | 1301.5 | 1300.1 |
| 180°   | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 |

(END OF REPORT)