

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: P332877-840

Luminaire Tested: **S124RDIP-S350D810U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332877-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-S350D810U840-4F0-1E-UDD-A  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 810 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4768.1 lumens  
Efficiency: N/A  
Efficacy: 152.8 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: Semi-Indirect

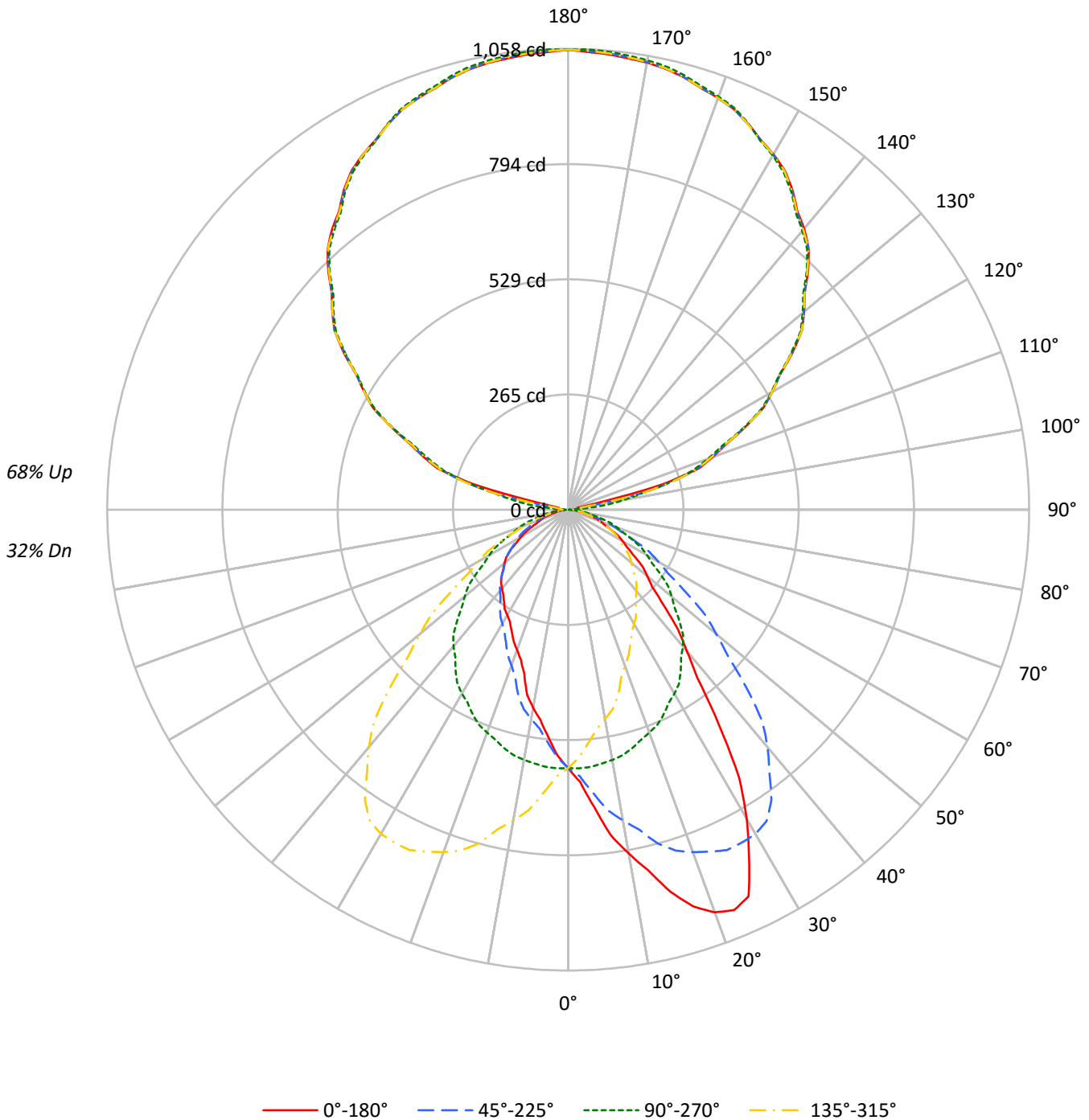
Input Watts (W): 31.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332877-840

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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   | 103 | 103 | 103 | 103 | 92 | 92 | 92 | 92 | 73 | 73 | 73 | 55 | 55 | 55 | 39 | 39 | 39 | 32 |
| 1   | 94  | 90  | 86  | 83  | 84 | 81 | 78 | 75 | 64 | 62 | 60 | 49 | 48 | 47 | 35 | 34 | 34 | 27 |
| 2   | 86  | 79  | 73  | 68  | 77 | 71 | 66 | 62 | 57 | 53 | 50 | 43 | 41 | 39 | 31 | 30 | 29 | 23 |
| 3   | 78  | 69  | 62  | 57  | 70 | 63 | 57 | 52 | 50 | 46 | 43 | 39 | 36 | 34 | 28 | 26 | 25 | 20 |
| 4   | 72  | 61  | 54  | 48  | 64 | 56 | 49 | 44 | 45 | 40 | 36 | 34 | 31 | 29 | 25 | 23 | 21 | 17 |
| 5   | 66  | 55  | 47  | 41  | 59 | 50 | 43 | 38 | 40 | 35 | 31 | 31 | 28 | 25 | 23 | 21 | 19 | 15 |
| 6   | 61  | 49  | 41  | 36  | 54 | 45 | 38 | 33 | 36 | 31 | 27 | 28 | 25 | 22 | 21 | 18 | 17 | 13 |
| 7   | 56  | 44  | 37  | 31  | 50 | 40 | 34 | 29 | 33 | 28 | 24 | 25 | 22 | 19 | 19 | 17 | 15 | 12 |
| 8   | 52  | 40  | 33  | 28  | 47 | 37 | 30 | 26 | 30 | 25 | 21 | 23 | 20 | 17 | 17 | 15 | 13 | 11 |
| 9   | 48  | 37  | 29  | 24  | 43 | 33 | 27 | 23 | 27 | 22 | 19 | 21 | 18 | 16 | 16 | 14 | 12 | 10 |
| 10  | 45  | 33  | 26  | 22  | 41 | 31 | 24 | 20 | 25 | 20 | 17 | 20 | 16 | 14 | 15 | 13 | 11 | 9  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4789 | 4789 | 4789 | 4789 |
| 5°  | 5555 | 4803 | 4246 | 4803 |
| 10° | 6571 | 4782 | 3789 | 4782 |
| 15° | 7590 | 4738 | 3256 | 4738 |
| 20° | 8451 | 4677 | 2944 | 4677 |
| 25° | 8725 | 4618 | 2734 | 4618 |
| 30° | 7637 | 4545 | 2606 | 4545 |
| 35° | 5945 | 4438 | 2530 | 4438 |
| 40° | 4458 | 4314 | 2488 | 4314 |
| 45° | 3520 | 4117 | 2466 | 4117 |
| 50° | 2972 | 3890 | 2396 | 3890 |
| 55° | 2590 | 3640 | 2267 | 3640 |
| 60° | 2330 | 3379 | 2007 | 3379 |
| 65° | 2055 | 3100 | 1727 | 3100 |
| 70° | 1851 | 2811 | 1555 | 2811 |
| 75° | 1550 | 2489 | 1326 | 2489 |
| 80° | 1311 | 2120 | 1246 | 2120 |
| 85° | 1102 | 1667 | 1102 | 1667 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 57.5   | 1.2       |
| 10°-20°   | 173.4  | 3.6       |
| 20°-30°   | 271.2  | 5.7       |
| 30°-40°   | 301.5  | 6.3       |
| 40°-50°   | 267.5  | 5.6       |
| 50°-60°   | 208.4  | 4.4       |
| 60°-70°   | 136.5  | 2.9       |
| 70°-80°   | 67.1   | 1.4       |
| 80°-90°   | 19.6   | 0.4       |
| 90°-100°  | 36.1   | 0.8       |
| 100°-110° | 230.2  | 4.8       |
| 110°-120° | 440.4  | 9.2       |
| 120°-130° | 559.1  | 11.7      |
| 130°-140° | 598.2  | 12.5      |
| 140°-150° | 559.3  | 11.7      |
| 150°-160° | 451.1  | 9.5       |
| 160°-170° | 290.9  | 6.1       |
| 170°-180° | 100.3  | 2.1       |
| 0°-30°    | 502.0  | 10.5      |
| 0°-40°    | 803.5  | 16.9      |
| 0°-60°    | 1279.4 | 26.8      |
| 0°-90°    | 1502.5 | 31.5      |
| 90°-120°  | 706.7  | 14.8      |
| 90°-150°  | 2423.3 | 50.8      |
| 90°-180°  | 3266.0 | 68.5      |
| 0°-180°   | 4768.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 593  | 593  | 593  | 593  | 593  |      |
| 5°   | 686  | 593  | 524  | 593  | 686  | 69   |
| 15°  | 908  | 567  | 390  | 567  | 908  | 258  |
| 25°  | 980  | 518  | 307  | 518  | 980  | 435  |
| 35°  | 603  | 450  | 257  | 450  | 603  | 378  |
| 45°  | 308  | 361  | 216  | 361  | 308  | 244  |
| 55°  | 184  | 259  | 161  | 259  | 184  | 167  |
| 65°  | 108  | 162  | 90   | 162  | 108  | 108  |
| 75°  | 50   | 80   | 42   | 80   | 50   | 55   |
| 85°  | 12   | 18   | 12   | 18   | 12   | 14   |
| 90°  | 24   | 2    | 24   | 2    | 24   | 11   |
| 95°  | 23   | 43   | 23   | 43   | 23   | 18   |
| 105° | 225  | 238  | 225  | 238  | 225  | 196  |
| 115° | 447  | 444  | 447  | 444  | 447  | 442  |
| 125° | 628  | 624  | 628  | 624  | 628  | 560  |
| 135° | 779  | 774  | 779  | 774  | 779  | 600  |
| 145° | 897  | 892  | 897  | 892  | 897  | 561  |
| 155° | 978  | 978  | 978  | 978  | 978  | 451  |
| 165° | 1027 | 1032 | 1027 | 1032 | 1027 | 290  |
| 175° | 1049 | 1056 | 1049 | 1056 | 1049 | 100  |
| 180° | 1056 | 1056 | 1056 | 1056 | 1056 |      |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5°   | 625.7 | 627.4 | 625.7 | 625.5 | 623.6 | 623.0 | 622.3 | 619.8 | 615.2 | 612.5 | 613.1 |
| 5°     | 685.5 | 691.5 | 688.1 | 687.6 | 682.4 | 677.1 | 673.8 | 666.1 | 657.9 | 652.5 | 647.9 |
| 7.5°   | 754.6 | 758.0 | 755.9 | 752.6 | 744.1 | 739.2 | 731.4 | 721.4 | 706.8 | 695.7 | 685.5 |
| 10°    | 801.6 | 804.5 | 803.5 | 797.3 | 791.1 | 778.4 | 771.2 | 757.2 | 738.7 | 724.2 | 710.5 |
| 12.5°  | 847.9 | 850.9 | 842.5 | 842.8 | 831.0 | 821.0 | 809.7 | 791.9 | 770.7 | 751.9 | 734.9 |
| 15°    | 908.2 | 904.3 | 904.3 | 899.6 | 886.5 | 872.6 | 860.9 | 842.2 | 815.5 | 793.0 | 769.3 |
| 17.5°  | 955.4 | 956.7 | 954.8 | 943.5 | 933.2 | 918.9 | 897.4 | 875.7 | 850.8 | 820.6 | 796.5 |
| 20°    | 983.7 | 983.7 | 981.6 | 973.9 | 960.6 | 945.2 | 922.1 | 898.4 | 866.9 | 836.5 | 809.3 |
| 22.5°  | 995.2 | 995.9 | 993.4 | 987.1 | 975.1 | 960.2 | 940.4 | 916.4 | 883.8 | 849.7 | 816.0 |
| 25°    | 979.5 | 984.0 | 984.4 | 982.8 | 979.2 | 970.1 | 953.1 | 928.6 | 899.4 | 862.3 | 826.0 |
| 27.5°  | 899.2 | 904.9 | 910.0 | 918.3 | 929.3 | 934.9 | 935.7 | 923.2 | 897.8 | 862.1 | 825.6 |
| 30°    | 819.3 | 824.0 | 839.6 | 859.9 | 875.7 | 890.0 | 902.5 | 905.8 | 891.5 | 859.5 | 821.0 |
| 32.5°  | 730.5 | 737.1 | 752.7 | 774.5 | 800.7 | 825.1 | 852.9 | 867.2 | 866.8 | 847.6 | 812.0 |
| 35°    | 603.2 | 608.0 | 622.4 | 645.3 | 676.8 | 713.0 | 757.2 | 791.5 | 815.0 | 813.3 | 791.5 |
| 37.5°  | 486.6 | 491.9 | 506.3 | 525.4 | 556.0 | 600.7 | 643.5 | 690.9 | 734.2 | 758.5 | 751.2 |
| 40°    | 423.0 | 423.2 | 437.4 | 457.0 | 485.6 | 524.6 | 571.2 | 623.8 | 672.1 | 711.6 | 719.1 |
| 42.5°  | 372.9 | 372.9 | 382.3 | 403.4 | 424.0 | 460.7 | 505.2 | 557.4 | 614.0 | 659.5 | 679.7 |
| 45°    | 308.3 | 310.4 | 318.1 | 330.7 | 347.0 | 378.1 | 413.7 | 462.2 | 525.5 | 579.6 | 613.3 |
| 47.5°  | 261.1 | 264.3 | 269.1 | 279.4 | 292.4 | 313.1 | 342.5 | 386.2 | 437.7 | 497.1 | 545.0 |
| 50°    | 236.6 | 237.1 | 243.3 | 249.0 | 260.2 | 276.8 | 302.6 | 338.9 | 386.3 | 443.3 | 496.7 |
| 52.5°  | 215.6 | 215.5 | 219.2 | 226.5 | 235.6 | 248.4 | 269.3 | 302.4 | 344.4 | 395.6 | 450.6 |
| 55°    | 184.0 | 185.2 | 188.1 | 193.8 | 200.8 | 209.8 | 226.3 | 251.2 | 284.2 | 327.9 | 377.9 |
| 57.5°  | 160.1 | 160.7 | 162.9 | 165.3 | 171.7 | 178.3 | 190.7 | 207.9 | 235.7 | 271.6 | 318.1 |
| 60°    | 144.3 | 144.6 | 145.3 | 148.9 | 153.9 | 160.2 | 168.5 | 183.1 | 206.5 | 239.2 | 276.1 |
| 62.5°  | 129.1 | 129.5 | 130.6 | 133.2 | 137.1 | 141.4 | 150.2 | 161.9 | 181.3 | 209.2 | 242.4 |
| 65°    | 107.6 | 107.8 | 109.5 | 110.4 | 113.5 | 117.3 | 123.8 | 131.7 | 145.1 | 168.5 | 193.6 |
| 67.5°  | 89.9  | 89.9  | 90.0  | 91.3  | 93.4  | 95.9  | 99.8  | 106.1 | 116.2 | 130.6 | 152.7 |
| 70°    | 78.4  | 78.4  | 78.9  | 79.6  | 80.8  | 82.9  | 85.1  | 89.9  | 97.3  | 109.0 | 125.9 |
| 72.5°  | 67.7  | 67.9  | 68.4  | 68.5  | 69.1  | 70.9  | 72.5  | 75.5  | 81.0  | 89.9  | 103.6 |
| 75°    | 49.7  | 50.4  | 51.6  | 52.6  | 53.8  | 53.5  | 55.2  | 57.2  | 58.8  | 64.0  | 71.9  |
| 77.5°  | 37.0  | 36.7  | 36.8  | 37.6  | 37.7  | 38.0  | 39.2  | 40.6  | 41.9  | 44.3  | 47.2  |
| 80°    | 28.2  | 28.2  | 28.9  | 29.2  | 28.9  | 29.2  | 30.4  | 31.1  | 31.5  | 32.5  | 35.1  |
| 82.5°  | 21.3  | 21.7  | 21.5  | 21.7  | 21.8  | 22.1  | 23.1  | 23.2  | 23.7  | 24.1  | 25.1  |
| 85°    | 11.9  | 12.2  | 12.4  | 11.9  | 11.9  | 11.9  | 12.4  | 12.6  | 13.1  | 12.9  | 13.4  |
| 87.5°  | 9.0   | 8.7   | 8.8   | 8.7   | 8.9   | 8.5   | 8.5   | 8.7   | 8.1   | 8.1   | 7.8   |
| 90°    | 23.7  | 23.3  | 23.0  | 22.6  | 22.3  | 21.6  | 20.5  | 19.5  | 18.4  | 17.4  | 16.0  |
| 92.5°  | 21.8  | 21.7  | 21.6  | 21.6  | 21.5  | 20.9  | 19.9  | 18.9  | 17.8  | 16.8  | 15.3  |
| 95°    | 22.9  | 22.7  | 22.5  | 22.4  | 22.2  | 21.6  | 20.5  | 19.5  | 18.4  | 17.4  | 17.2  |
| 97.5°  | 22.1  | 21.9  | 21.7  | 21.6  | 21.4  | 21.3  | 21.2  | 21.1  | 20.9  | 20.8  | 40.4  |
| 100°   | 22.1  | 21.9  | 21.7  | 21.6  | 21.4  | 22.8  | 25.8  | 28.8  | 31.7  | 34.7  | 59.0  |
| 102.5° | 22.7  | 22.7  | 22.6  | 22.6  | 22.6  | 38.7  | 70.9  | 103.0 | 135.2 | 167.4 | 170.6 |
| 105°   | 225.0 | 231.4 | 237.6 | 244.0 | 250.3 | 252.7 | 251.1 | 249.5 | 247.9 | 246.3 | 245.5 |
| 107.5° | 313.7 | 313.0 | 312.3 | 311.6 | 310.9 | 310.2 | 309.4 | 308.7 | 307.9 | 307.2 | 306.0 |
| 110°   | 352.1 | 351.6 | 351.1 | 350.6 | 350.0 | 349.6 | 349.3 | 348.9 | 348.6 | 348.2 | 347.2 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 390.7  | 390.0  | 389.4  | 388.7  | 388.0  | 387.7  | 387.8  | 387.9  | 388.0  | 388.0  | 387.5  |
| 115°   | 447.0  | 447.0  | 447.0  | 447.0  | 447.0  | 446.8  | 446.4  | 446.1  | 445.7  | 445.4  | 445.6  |
| 117.5° | 504.1  | 504.1  | 504.2  | 504.3  | 504.3  | 504.4  | 504.5  | 504.5  | 504.6  | 504.7  | 504.3  |
| 120°   | 540.1  | 540.5  | 540.8  | 541.2  | 541.5  | 541.5  | 541.2  | 540.8  | 540.5  | 540.1  | 540.3  |
| 122.5° | 575.4  | 575.8  | 576.1  | 576.5  | 576.8  | 576.9  | 576.7  | 576.5  | 576.3  | 576.1  | 575.8  |
| 125°   | 628.5  | 628.3  | 628.1  | 628.0  | 627.8  | 627.4  | 626.9  | 626.4  | 625.9  | 625.4  | 625.7  |
| 127.5° | 675.1  | 675.3  | 675.4  | 675.5  | 675.7  | 675.8  | 675.9  | 676.0  | 676.1  | 676.2  | 675.4  |
| 130°   | 706.7  | 706.7  | 706.7  | 706.7  | 706.7  | 706.6  | 706.4  | 706.3  | 706.1  | 705.9  | 705.4  |
| 132.5° | 735.8  | 735.9  | 736.0  | 736.2  | 736.3  | 736.3  | 736.1  | 736.0  | 735.8  | 735.6  | 734.9  |
| 135°   | 779.3  | 779.0  | 778.6  | 778.3  | 777.9  | 777.6  | 777.2  | 776.9  | 776.5  | 776.2  | 775.5  |
| 137.5° | 816.6  | 816.7  | 816.8  | 816.9  | 817.0  | 816.9  | 816.5  | 816.1  | 815.8  | 815.4  | 814.6  |
| 140°   | 842.5  | 842.3  | 842.1  | 842.0  | 841.8  | 841.4  | 840.9  | 840.4  | 839.9  | 839.3  | 839.0  |
| 142.5° | 863.9  | 863.9  | 863.9  | 863.8  | 863.8  | 863.6  | 863.2  | 862.8  | 862.5  | 862.1  | 861.9  |
| 145°   | 897.0  | 896.7  | 896.3  | 896.0  | 895.5  | 895.3  | 895.1  | 894.9  | 894.8  | 894.6  | 894.6  |
| 147.5° | 924.3  | 924.1  | 923.9  | 923.8  | 923.6  | 923.4  | 923.3  | 923.2  | 923.0  | 922.9  | 923.0  |
| 150°   | 942.0  | 941.8  | 941.6  | 941.5  | 941.3  | 941.2  | 941.2  | 941.2  | 941.2  | 941.2  | 941.4  |
| 152.5° | 957.2  | 957.3  | 957.4  | 957.5  | 957.6  | 957.5  | 957.3  | 956.9  | 956.6  | 956.3  | 956.6  |
| 155°   | 977.5  | 978.1  | 978.6  | 979.1  | 979.7  | 979.6  | 978.9  | 978.2  | 977.4  | 976.7  | 977.2  |
| 157.5° | 994.6  | 995.5  | 996.4  | 997.3  | 998.3  | 998.3  | 997.3  | 996.4  | 995.5  | 994.6  | 995.2  |
| 160°   | 1005.9 | 1007.0 | 1008.0 | 1009.2 | 1010.2 | 1010.2 | 1009.2 | 1008.0 | 1007.0 | 1005.9 | 1006.1 |
| 162.5° | 1014.8 | 1016.0 | 1017.1 | 1018.3 | 1019.6 | 1019.7 | 1018.5 | 1017.5 | 1016.5 | 1015.4 | 1015.6 |
| 165°   | 1027.2 | 1028.9 | 1030.5 | 1032.0 | 1033.6 | 1033.7 | 1032.3 | 1030.9 | 1029.5 | 1028.0 | 1028.0 |
| 167.5° | 1036.6 | 1038.3 | 1040.1 | 1041.9 | 1043.6 | 1043.7 | 1042.2 | 1040.7 | 1039.1 | 1037.5 | 1037.6 |
| 170°   | 1042.3 | 1044.0 | 1045.8 | 1047.5 | 1049.2 | 1049.5 | 1048.0 | 1046.6 | 1045.2 | 1043.9 | 1043.7 |
| 172.5° | 1045.4 | 1047.3 | 1049.2 | 1051.2 | 1053.0 | 1053.3 | 1051.9 | 1050.5 | 1049.0 | 1047.6 | 1047.4 |
| 175°   | 1049.4 | 1051.5 | 1053.6 | 1055.7 | 1057.8 | 1058.0 | 1056.5 | 1054.9 | 1053.3 | 1051.8 | 1051.6 |
| 177.5° | 1051.9 | 1053.6 | 1055.3 | 1056.9 | 1058.6 | 1058.9 | 1057.8 | 1056.7 | 1055.5 | 1054.4 | 1054.2 |
| 180°   | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5°   | 611.2 | 608.5 | 607.1 | 604.1 | 600.5 | 598.5 | 596.8 | 594.3 | 591.1 | 587.6 | 585.2 |
| 5°     | 642.2 | 636.4 | 629.2 | 620.7 | 613.1 | 605.6 | 599.2 | 592.7 | 585.3 | 577.6 | 570.1 |
| 7.5°   | 674.0 | 662.8 | 650.6 | 636.4 | 622.8 | 610.3 | 598.7 | 587.8 | 575.4 | 564.2 | 554.1 |
| 10°    | 696.2 | 681.0 | 664.0 | 646.0 | 628.1 | 612.6 | 597.2 | 583.4 | 568.2 | 554.5 | 543.0 |
| 12.5°  | 714.2 | 696.2 | 675.8 | 653.5 | 631.9 | 613.1 | 595.5 | 577.4 | 560.1 | 545.3 | 530.0 |
| 15°    | 744.0 | 719.4 | 692.0 | 665.1 | 637.2 | 611.6 | 587.9 | 566.9 | 547.0 | 526.2 | 511.7 |
| 17.5°  | 764.6 | 735.3 | 701.9 | 669.7 | 636.7 | 606.5 | 579.3 | 554.2 | 531.3 | 510.1 | 492.7 |
| 20°    | 776.8 | 744.5 | 707.4 | 670.9 | 633.8 | 601.6 | 572.2 | 544.4 | 520.8 | 497.9 | 479.9 |
| 22.5°  | 783.7 | 747.9 | 707.4 | 669.1 | 630.8 | 595.8 | 563.6 | 534.7 | 509.0 | 485.9 | 466.2 |
| 25°    | 785.9 | 747.6 | 706.3 | 662.3 | 620.3 | 583.2 | 549.7 | 518.4 | 489.7 | 466.8 | 445.8 |
| 27.5°  | 782.7 | 737.7 | 695.4 | 650.3 | 606.8 | 567.8 | 532.7 | 499.8 | 471.1 | 446.5 | 424.9 |
| 30°    | 778.2 | 729.9 | 684.5 | 637.6 | 593.7 | 556.1 | 519.1 | 487.6 | 457.7 | 432.1 | 410.4 |
| 32.5°  | 768.2 | 720.3 | 671.5 | 623.5 | 579.0 | 540.3 | 505.1 | 473.4 | 444.1 | 418.0 | 394.9 |
| 35°    | 748.5 | 700.0 | 647.0 | 597.7 | 554.0 | 513.8 | 480.9 | 450.3 | 422.3 | 394.4 | 370.0 |
| 37.5°  | 722.6 | 673.1 | 620.3 | 566.3 | 522.5 | 484.6 | 454.4 | 425.7 | 398.4 | 372.8 | 345.9 |
| 40°    | 698.1 | 653.0 | 598.4 | 544.9 | 500.0 | 463.4 | 435.5 | 409.4 | 381.9 | 356.6 | 329.6 |
| 42.5°  | 668.5 | 630.1 | 574.9 | 521.2 | 476.9 | 441.6 | 415.6 | 390.1 | 365.1 | 340.5 | 312.4 |
| 45°    | 619.0 | 589.9 | 538.3 | 486.7 | 441.9 | 407.0 | 383.1 | 360.6 | 338.7 | 315.3 | 288.7 |
| 47.5°  | 562.3 | 542.6 | 498.1 | 445.1 | 403.8 | 372.4 | 349.3 | 330.9 | 312.4 | 288.9 | 265.7 |
| 50°    | 522.9 | 510.3 | 467.3 | 419.0 | 379.5 | 350.6 | 327.0 | 309.7 | 294.2 | 271.8 | 251.0 |
| 52.5°  | 480.9 | 474.1 | 437.8 | 391.6 | 353.6 | 325.2 | 305.0 | 289.5 | 273.8 | 255.1 | 235.7 |
| 55°    | 416.8 | 420.4 | 389.6 | 349.6 | 313.8 | 289.9 | 271.6 | 258.6 | 245.2 | 229.4 | 214.4 |
| 57.5°  | 351.3 | 364.5 | 343.8 | 308.7 | 275.1 | 253.0 | 239.1 | 228.3 | 217.0 | 204.0 | 191.1 |
| 60°    | 312.1 | 323.2 | 311.4 | 280.5 | 251.2 | 230.7 | 217.7 | 209.3 | 198.1 | 186.2 | 176.4 |
| 62.5°  | 273.9 | 285.7 | 278.7 | 253.8 | 226.5 | 208.8 | 197.4 | 189.7 | 181.3 | 170.9 | 160.7 |
| 65°    | 225.9 | 233.5 | 230.1 | 213.0 | 193.6 | 178.5 | 168.0 | 162.3 | 154.6 | 147.0 | 137.9 |
| 67.5°  | 173.0 | 187.7 | 185.8 | 176.6 | 160.0 | 148.1 | 141.3 | 136.2 | 129.3 | 123.6 | 117.4 |
| 70°    | 142.2 | 155.8 | 155.6 | 148.1 | 139.1 | 128.2 | 123.3 | 119.1 | 112.8 | 107.3 | 102.3 |
| 72.5°  | 116.4 | 128.9 | 130.8 | 125.0 | 118.9 | 110.5 | 105.9 | 103.0 | 96.9  | 93.2  | 89.1  |
| 75°    | 81.5  | 90.6  | 93.0  | 93.0  | 90.1  | 85.8  | 81.7  | 79.8  | 75.5  | 72.2  | 69.8  |
| 77.5°  | 53.4  | 59.2  | 62.9  | 63.7  | 64.2  | 62.7  | 59.4  | 58.1  | 54.7  | 53.6  | 51.3  |
| 80°    | 37.8  | 41.6  | 45.8  | 47.4  | 48.5  | 48.1  | 46.7  | 45.6  | 42.5  | 41.3  | 40.4  |
| 82.5°  | 26.1  | 28.2  | 31.7  | 34.9  | 34.5  | 35.9  | 34.5  | 33.8  | 31.4  | 31.0  | 30.1  |
| 85°    | 13.6  | 13.8  | 14.3  | 16.5  | 17.7  | 18.2  | 18.4  | 18.0  | 17.2  | 17.2  | 15.6  |
| 87.5°  | 7.5   | 7.1   | 7.2   | 6.8   | 6.6   | 7.0   | 7.2   | 7.0   | 6.8   | 6.6   | 6.4   |
| 90°    | 14.5  | 13.1  | 11.7  | 10.1  | 8.2   | 6.3   | 4.3   | 2.3   | 4.3   | 6.3   | 8.2   |
| 92.5°  | 13.9  | 12.5  | 11.1  | 10.4  | 10.3  | 10.2  | 10.1  | 10.0  | 10.1  | 10.2  | 10.3  |
| 95°    | 17.1  | 16.9  | 16.7  | 19.6  | 25.5  | 31.5  | 37.5  | 43.4  | 37.5  | 31.5  | 25.5  |
| 97.5°  | 60.0  | 79.6  | 99.2  | 107.1 | 103.4 | 99.7  | 95.9  | 92.2  | 95.9  | 99.7  | 103.4 |
| 100°   | 83.2  | 107.3 | 131.6 | 142.1 | 139.0 | 135.8 | 132.7 | 129.5 | 132.7 | 135.8 | 139.0 |
| 102.5° | 173.7 | 176.8 | 180.1 | 180.5 | 178.1 | 175.8 | 173.5 | 171.2 | 173.5 | 175.8 | 178.1 |
| 105°   | 244.6 | 243.7 | 242.9 | 241.9 | 240.9 | 239.7 | 238.7 | 237.6 | 238.7 | 239.7 | 240.9 |
| 107.5° | 304.8 | 303.6 | 302.4 | 301.5 | 301.0 | 300.4 | 299.9 | 299.4 | 299.9 | 300.4 | 301.0 |
| 110°   | 346.1 | 345.1 | 344.0 | 343.3 | 342.6 | 342.1 | 341.6 | 341.1 | 341.6 | 342.1 | 342.6 |





TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 387.0  | 386.6  | 386.1  | 385.4  | 384.4  | 383.4  | 382.4  | 381.5  | 382.4  | 383.4  | 384.4  |
| 115°   | 445.7  | 445.9  | 446.1  | 445.9  | 445.4  | 444.8  | 444.2  | 443.7  | 444.2  | 444.8  | 445.4  |
| 117.5° | 503.9  | 503.5  | 503.2  | 502.6  | 501.9  | 501.2  | 500.5  | 499.8  | 500.5  | 501.2  | 501.9  |
| 120°   | 540.5  | 540.6  | 540.8  | 540.5  | 539.9  | 539.2  | 538.5  | 537.8  | 538.5  | 539.2  | 539.9  |
| 122.5° | 575.6  | 575.3  | 575.1  | 574.8  | 574.3  | 573.9  | 573.5  | 573.1  | 573.5  | 573.9  | 574.3  |
| 125°   | 626.1  | 626.4  | 626.7  | 626.6  | 625.9  | 625.2  | 624.5  | 623.8  | 624.5  | 625.2  | 625.9  |
| 127.5° | 674.6  | 673.8  | 673.0  | 672.5  | 672.4  | 672.2  | 672.0  | 671.8  | 672.0  | 672.2  | 672.4  |
| 130°   | 704.9  | 704.3  | 703.8  | 703.5  | 703.3  | 703.1  | 703.0  | 702.8  | 703.0  | 703.1  | 703.3  |
| 132.5° | 734.3  | 733.6  | 733.0  | 732.5  | 732.2  | 731.8  | 731.4  | 731.1  | 731.4  | 731.8  | 732.2  |
| 135°   | 774.8  | 774.1  | 773.4  | 773.2  | 773.3  | 773.5  | 773.7  | 773.9  | 773.7  | 773.5  | 773.3  |
| 137.5° | 813.9  | 813.0  | 812.2  | 811.8  | 811.7  | 811.7  | 811.6  | 811.5  | 811.6  | 811.7  | 811.7  |
| 140°   | 838.7  | 838.3  | 838.0  | 837.6  | 837.3  | 836.9  | 836.6  | 836.2  | 836.6  | 836.9  | 837.3  |
| 142.5° | 861.7  | 861.4  | 861.2  | 860.8  | 860.2  | 859.6  | 858.9  | 858.3  | 858.9  | 859.6  | 860.2  |
| 145°   | 894.6  | 894.6  | 894.6  | 894.3  | 893.8  | 893.3  | 892.8  | 892.2  | 892.8  | 893.3  | 893.8  |
| 147.5° | 923.2  | 923.4  | 923.6  | 923.2  | 922.2  | 921.2  | 920.3  | 919.3  | 920.3  | 921.2  | 922.2  |
| 150°   | 941.6  | 941.7  | 941.9  | 941.6  | 941.0  | 940.3  | 939.6  | 938.9  | 939.6  | 940.3  | 941.0  |
| 152.5° | 957.0  | 957.4  | 957.7  | 957.6  | 956.9  | 956.3  | 955.8  | 955.2  | 955.8  | 956.3  | 956.9  |
| 155°   | 977.8  | 978.4  | 978.9  | 979.1  | 978.9  | 978.7  | 978.5  | 978.4  | 978.5  | 978.7  | 978.9  |
| 157.5° | 995.8  | 996.3  | 996.9  | 997.3  | 997.4  | 997.5  | 997.6  | 997.7  | 997.6  | 997.5  | 997.4  |
| 160°   | 1006.3 | 1006.5 | 1006.6 | 1007.0 | 1007.5 | 1008.0 | 1008.6 | 1009.2 | 1008.6 | 1008.0 | 1007.5 |
| 162.5° | 1015.8 | 1015.9 | 1016.1 | 1016.5 | 1017.2 | 1017.8 | 1018.5 | 1019.3 | 1018.5 | 1017.8 | 1017.2 |
| 165°   | 1028.0 | 1028.0 | 1028.0 | 1028.5 | 1029.4 | 1030.3 | 1031.2 | 1032.0 | 1031.2 | 1030.3 | 1029.4 |
| 167.5° | 1037.7 | 1037.8 | 1037.9 | 1038.4 | 1039.4 | 1040.3 | 1041.2 | 1042.1 | 1041.2 | 1040.3 | 1039.4 |
| 170°   | 1043.5 | 1043.3 | 1043.2 | 1043.6 | 1044.6 | 1045.7 | 1046.7 | 1047.8 | 1046.7 | 1045.7 | 1044.6 |
| 172.5° | 1047.3 | 1047.1 | 1046.9 | 1047.4 | 1048.4 | 1049.5 | 1050.6 | 1051.6 | 1050.6 | 1049.5 | 1048.4 |
| 175°   | 1051.4 | 1051.3 | 1051.1 | 1051.5 | 1052.6 | 1053.6 | 1054.6 | 1055.7 | 1054.6 | 1053.6 | 1052.6 |
| 177.5° | 1053.9 | 1053.6 | 1053.3 | 1053.7 | 1054.6 | 1055.6 | 1056.6 | 1057.6 | 1056.6 | 1055.6 | 1054.6 |
| 180°   | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5°   | 582.5 | 580.6 | 578.1 | 575.2 | 571.8 | 568.8 | 567.3 | 568.6 | 569.2 | 567.5 | 567.3 |
| 5°     | 564.7 | 558.8 | 554.0 | 546.8 | 541.1 | 536.3 | 533.0 | 531.5 | 532.0 | 528.2 | 527.3 |
| 7.5°   | 544.8 | 537.8 | 529.9 | 521.4 | 513.5 | 506.4 | 502.8 | 500.8 | 496.7 | 494.9 | 492.0 |
| 10°    | 532.0 | 522.5 | 514.8 | 504.7 | 495.6 | 487.4 | 483.2 | 479.9 | 475.8 | 473.9 | 469.9 |
| 12.5°  | 518.9 | 507.8 | 499.3 | 488.9 | 479.6 | 469.6 | 465.6 | 459.5 | 453.1 | 449.1 | 443.8 |
| 15°    | 500.2 | 486.9 | 476.6 | 464.1 | 453.1 | 441.7 | 431.4 | 419.9 | 415.7 | 406.6 | 401.3 |
| 17.5°  | 478.5 | 464.9 | 452.2 | 435.6 | 418.6 | 404.2 | 393.3 | 382.3 | 375.8 | 370.0 | 367.3 |
| 20°    | 464.1 | 451.7 | 434.0 | 414.7 | 395.8 | 380.0 | 371.1 | 364.0 | 356.8 | 352.7 | 349.9 |
| 22.5°  | 450.6 | 434.6 | 414.1 | 393.2 | 374.4 | 362.0 | 354.6 | 347.2 | 341.3 | 337.5 | 333.7 |
| 25°    | 427.8 | 407.0 | 385.3 | 361.3 | 348.5 | 337.7 | 329.6 | 323.6 | 320.0 | 315.0 | 313.1 |
| 27.5°  | 404.5 | 379.2 | 355.3 | 339.2 | 325.8 | 315.9 | 308.8 | 304.4 | 299.8 | 296.6 | 294.1 |
| 30°    | 386.5 | 360.9 | 339.4 | 324.1 | 310.4 | 302.4 | 296.6 | 291.3 | 287.7 | 285.1 | 283.3 |
| 32.5°  | 368.7 | 343.2 | 325.1 | 308.6 | 297.8 | 289.9 | 283.8 | 279.8 | 277.0 | 273.7 | 272.5 |
| 35°    | 343.0 | 320.2 | 304.5 | 289.6 | 278.7 | 271.6 | 266.7 | 262.7 | 260.2 | 259.3 | 258.6 |
| 37.5°  | 318.2 | 299.6 | 282.7 | 270.5 | 260.7 | 255.1 | 249.4 | 247.4 | 245.8 | 244.1 | 244.9 |
| 40°    | 302.6 | 285.1 | 270.0 | 257.2 | 249.2 | 243.1 | 239.7 | 237.3 | 235.9 | 235.9 | 235.9 |
| 42.5°  | 289.0 | 272.0 | 257.2 | 245.7 | 237.8 | 232.6 | 228.8 | 226.8 | 226.3 | 226.1 | 227.3 |
| 45°    | 267.9 | 252.2 | 237.3 | 227.7 | 221.1 | 215.8 | 213.7 | 212.0 | 212.0 | 213.0 | 213.2 |
| 47.5°  | 247.0 | 232.3 | 220.4 | 209.6 | 203.5 | 200.3 | 198.3 | 197.5 | 197.6 | 198.5 | 199.7 |
| 50°    | 234.2 | 219.6 | 207.9 | 198.3 | 192.7 | 189.6 | 187.8 | 187.3 | 187.8 | 187.8 | 189.6 |
| 52.5°  | 220.3 | 207.2 | 195.7 | 187.6 | 181.2 | 178.2 | 177.3 | 176.6 | 176.9 | 177.7 | 178.4 |
| 55°    | 199.9 | 188.1 | 177.1 | 169.5 | 164.7 | 162.8 | 160.6 | 160.9 | 160.4 | 160.9 | 160.9 |
| 57.5°  | 179.3 | 168.7 | 158.5 | 152.5 | 148.2 | 145.5 | 143.2 | 143.8 | 143.1 | 143.0 | 142.6 |
| 60°    | 166.1 | 154.6 | 146.5 | 141.0 | 136.2 | 133.8 | 131.7 | 132.2 | 131.5 | 131.0 | 130.0 |
| 62.5°  | 151.8 | 142.2 | 134.4 | 129.2 | 125.3 | 122.6 | 120.4 | 120.0 | 118.3 | 116.6 | 114.5 |
| 65°    | 131.0 | 123.1 | 116.1 | 111.2 | 107.6 | 105.4 | 103.7 | 102.3 | 98.7  | 94.9  | 93.0  |
| 67.5°  | 110.8 | 105.0 | 98.6  | 94.3  | 91.4  | 88.7  | 85.4  | 83.0  | 79.7  | 77.6  | 76.3  |
| 70°    | 97.8  | 92.3  | 86.7  | 82.7  | 79.6  | 77.0  | 73.4  | 71.7  | 69.3  | 68.4  | 67.2  |
| 72.5°  | 85.3  | 80.2  | 75.1  | 71.4  | 68.2  | 66.0  | 63.2  | 61.6  | 60.5  | 60.1  | 59.0  |
| 75°    | 66.4  | 62.4  | 58.6  | 55.2  | 52.6  | 51.1  | 50.0  | 48.8  | 48.3  | 46.2  | 44.9  |
| 77.5°  | 48.5  | 45.7  | 43.4  | 41.0  | 39.2  | 38.2  | 35.9  | 34.5  | 33.7  | 32.7  | 32.4  |
| 80°    | 37.8  | 35.9  | 33.4  | 32.0  | 29.4  | 28.5  | 27.5  | 27.3  | 27.0  | 26.8  | 26.6  |
| 82.5°  | 28.4  | 26.5  | 24.1  | 23.2  | 22.5  | 21.9  | 21.4  | 21.1  | 20.9  | 21.0  | 21.0  |
| 85°    | 14.3  | 13.4  | 13.4  | 13.1  | 12.9  | 12.6  | 12.4  | 12.4  | 12.2  | 12.4  | 12.2  |
| 87.5°  | 6.8   | 7.0   | 7.3   | 7.1   | 7.6   | 7.9   | 7.9   | 8.1   | 8.5   | 8.4   | 8.5   |
| 90°    | 10.1  | 11.7  | 13.1  | 14.5  | 16.0  | 17.4  | 18.4  | 19.5  | 20.5  | 21.6  | 22.3  |
| 92.5°  | 10.4  | 11.1  | 12.5  | 13.9  | 15.3  | 16.8  | 17.8  | 18.9  | 19.9  | 20.9  | 21.5  |
| 95°    | 19.6  | 16.7  | 16.9  | 17.1  | 17.2  | 17.4  | 18.4  | 19.5  | 20.5  | 21.6  | 22.2  |
| 97.5°  | 107.1 | 99.2  | 79.6  | 60.0  | 40.4  | 20.8  | 20.9  | 21.1  | 21.2  | 21.3  | 21.4  |
| 100°   | 142.1 | 131.6 | 107.3 | 83.2  | 59.0  | 34.7  | 31.7  | 28.8  | 25.8  | 22.8  | 21.4  |
| 102.5° | 180.5 | 180.1 | 176.8 | 173.7 | 170.6 | 167.4 | 135.2 | 103.0 | 70.9  | 38.7  | 22.6  |
| 105°   | 241.9 | 242.9 | 243.7 | 244.6 | 245.5 | 246.3 | 247.9 | 249.5 | 251.1 | 252.7 | 250.3 |
| 107.5° | 301.5 | 302.4 | 303.6 | 304.8 | 306.0 | 307.2 | 307.9 | 308.7 | 309.4 | 310.2 | 310.9 |
| 110°   | 343.3 | 344.0 | 345.1 | 346.1 | 347.2 | 348.2 | 348.6 | 348.9 | 349.3 | 349.6 | 350.0 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.4  | 386.1  | 386.6  | 387.0  | 387.5  | 388.0  | 388.0  | 387.9  | 387.8  | 387.7  | 388.0  |
| 115°   | 445.9  | 446.1  | 445.9  | 445.7  | 445.6  | 445.4  | 445.7  | 446.1  | 446.4  | 446.8  | 447.0  |
| 117.5° | 502.6  | 503.2  | 503.5  | 503.9  | 504.3  | 504.7  | 504.6  | 504.5  | 504.5  | 504.4  | 504.3  |
| 120°   | 540.5  | 540.8  | 540.6  | 540.5  | 540.3  | 540.1  | 540.5  | 540.8  | 541.2  | 541.5  | 541.5  |
| 122.5° | 574.8  | 575.1  | 575.3  | 575.6  | 575.8  | 576.1  | 576.3  | 576.5  | 576.7  | 576.9  | 576.8  |
| 125°   | 626.6  | 626.7  | 626.4  | 626.1  | 625.7  | 625.4  | 625.9  | 626.4  | 626.9  | 627.4  | 627.8  |
| 127.5° | 672.5  | 673.0  | 673.8  | 674.6  | 675.4  | 676.2  | 676.1  | 676.0  | 675.9  | 675.8  | 675.7  |
| 130°   | 703.5  | 703.8  | 704.3  | 704.9  | 705.4  | 705.9  | 706.1  | 706.3  | 706.4  | 706.6  | 706.7  |
| 132.5° | 732.5  | 733.0  | 733.6  | 734.3  | 734.9  | 735.6  | 735.8  | 736.0  | 736.1  | 736.3  | 736.3  |
| 135°   | 773.2  | 773.4  | 774.1  | 774.8  | 775.5  | 776.2  | 776.5  | 776.9  | 777.2  | 777.6  | 777.9  |
| 137.5° | 811.8  | 812.2  | 813.0  | 813.9  | 814.6  | 815.4  | 815.8  | 816.1  | 816.5  | 816.9  | 817.0  |
| 140°   | 837.6  | 838.0  | 838.3  | 838.7  | 839.0  | 839.3  | 839.9  | 840.4  | 840.9  | 841.4  | 841.8  |
| 142.5° | 860.8  | 861.2  | 861.4  | 861.7  | 861.9  | 862.1  | 862.5  | 862.8  | 863.2  | 863.6  | 863.8  |
| 145°   | 894.3  | 894.6  | 894.6  | 894.6  | 894.6  | 894.6  | 894.8  | 894.9  | 895.1  | 895.3  | 895.5  |
| 147.5° | 923.2  | 923.6  | 923.4  | 923.2  | 923.0  | 922.9  | 923.0  | 923.2  | 923.3  | 923.4  | 923.6  |
| 150°   | 941.6  | 941.9  | 941.7  | 941.6  | 941.4  | 941.2  | 941.2  | 941.2  | 941.2  | 941.2  | 941.3  |
| 152.5° | 957.6  | 957.7  | 957.4  | 957.0  | 956.6  | 956.3  | 956.6  | 956.9  | 957.3  | 957.5  | 957.6  |
| 155°   | 979.1  | 978.9  | 978.4  | 977.8  | 977.2  | 976.7  | 977.4  | 978.2  | 978.9  | 979.6  | 979.7  |
| 157.5° | 997.3  | 996.9  | 996.3  | 995.8  | 995.2  | 994.6  | 995.5  | 996.4  | 997.3  | 998.3  | 998.3  |
| 160°   | 1007.0 | 1006.6 | 1006.5 | 1006.3 | 1006.1 | 1005.9 | 1007.0 | 1008.0 | 1009.2 | 1010.2 | 1010.2 |
| 162.5° | 1016.5 | 1016.1 | 1015.9 | 1015.8 | 1015.6 | 1015.4 | 1016.5 | 1017.5 | 1018.5 | 1019.7 | 1019.6 |
| 165°   | 1028.5 | 1028.0 | 1028.0 | 1028.0 | 1028.0 | 1028.0 | 1029.5 | 1030.9 | 1032.3 | 1033.7 | 1033.6 |
| 167.5° | 1038.4 | 1037.9 | 1037.8 | 1037.7 | 1037.6 | 1037.5 | 1039.1 | 1040.7 | 1042.2 | 1043.7 | 1043.6 |
| 170°   | 1043.6 | 1043.2 | 1043.3 | 1043.5 | 1043.7 | 1043.9 | 1045.2 | 1046.6 | 1048.0 | 1049.5 | 1049.2 |
| 172.5° | 1047.4 | 1046.9 | 1047.1 | 1047.3 | 1047.4 | 1047.6 | 1049.0 | 1050.5 | 1051.9 | 1053.3 | 1053.0 |
| 175°   | 1051.5 | 1051.1 | 1051.3 | 1051.4 | 1051.6 | 1051.8 | 1053.3 | 1054.9 | 1056.5 | 1058.0 | 1057.8 |
| 177.5° | 1053.7 | 1053.3 | 1053.6 | 1053.9 | 1054.2 | 1054.4 | 1055.5 | 1056.7 | 1057.8 | 1058.9 | 1058.6 |
| 180°   | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5°   | 566.2 | 566.6 | 565.3 | 564.9 | 565.3 | 566.6 | 566.2 | 567.3 | 567.5 | 569.2 | 568.6 |
| 5°     | 525.3 | 524.8 | 523.6 | 523.9 | 523.6 | 524.8 | 525.3 | 527.3 | 528.2 | 532.0 | 531.5 |
| 7.5°   | 490.3 | 488.5 | 489.0 | 487.1 | 489.0 | 488.5 | 490.3 | 492.0 | 494.9 | 496.7 | 500.8 |
| 10°    | 468.9 | 466.3 | 464.1 | 462.2 | 464.1 | 466.3 | 468.9 | 469.9 | 473.9 | 475.8 | 479.9 |
| 12.5°  | 439.7 | 437.4 | 434.5 | 435.0 | 434.5 | 437.4 | 439.7 | 443.8 | 449.1 | 453.1 | 459.5 |
| 15°    | 398.2 | 394.6 | 388.9 | 389.6 | 388.9 | 394.6 | 398.2 | 401.3 | 406.6 | 415.7 | 419.9 |
| 17.5°  | 363.0 | 363.0 | 360.4 | 361.1 | 360.4 | 363.0 | 363.0 | 367.3 | 370.0 | 375.8 | 382.3 |
| 20°    | 344.9 | 343.3 | 343.5 | 342.7 | 343.5 | 343.3 | 344.9 | 349.9 | 352.7 | 356.8 | 364.0 |
| 22.5°  | 332.2 | 330.2 | 328.5 | 327.1 | 328.5 | 330.2 | 332.2 | 333.7 | 337.5 | 341.3 | 347.2 |
| 25°    | 310.9 | 309.5 | 307.4 | 306.9 | 307.4 | 309.5 | 310.9 | 313.1 | 315.0 | 320.0 | 323.6 |
| 27.5°  | 292.2 | 292.0 | 291.0 | 289.9 | 291.0 | 292.0 | 292.2 | 294.1 | 296.6 | 299.8 | 304.4 |
| 30°    | 281.3 | 280.8 | 280.3 | 279.6 | 280.3 | 280.8 | 281.3 | 283.3 | 285.1 | 287.7 | 291.3 |
| 32.5°  | 271.6 | 271.2 | 270.7 | 270.8 | 270.7 | 271.2 | 271.6 | 272.5 | 273.7 | 277.0 | 279.8 |
| 35°    | 257.6 | 257.4 | 256.9 | 256.7 | 256.9 | 257.4 | 257.6 | 258.6 | 259.3 | 260.2 | 262.7 |
| 37.5°  | 244.7 | 245.3 | 245.0 | 244.9 | 245.0 | 245.3 | 244.7 | 244.9 | 244.1 | 245.8 | 247.4 |
| 40°    | 235.7 | 235.9 | 236.4 | 236.1 | 236.4 | 235.9 | 235.7 | 235.9 | 235.9 | 235.9 | 237.3 |
| 42.5°  | 228.2 | 228.2 | 228.9 | 228.1 | 228.9 | 228.2 | 228.2 | 227.3 | 226.1 | 226.3 | 226.8 |
| 45°    | 214.9 | 216.3 | 216.0 | 216.0 | 216.0 | 216.3 | 214.9 | 213.2 | 213.0 | 212.0 | 212.0 |
| 47.5°  | 200.3 | 201.6 | 201.9 | 201.8 | 201.9 | 201.6 | 200.3 | 199.7 | 198.5 | 197.6 | 197.5 |
| 50°    | 190.8 | 190.3 | 191.0 | 190.8 | 191.0 | 190.3 | 190.8 | 189.6 | 187.8 | 187.8 | 187.3 |
| 52.5°  | 179.0 | 179.2 | 179.2 | 178.8 | 179.2 | 179.2 | 179.0 | 178.4 | 177.7 | 176.9 | 176.6 |
| 55°    | 161.1 | 161.4 | 160.9 | 161.1 | 160.9 | 161.4 | 161.1 | 160.9 | 160.9 | 160.4 | 160.9 |
| 57.5°  | 141.6 | 140.5 | 140.9 | 140.4 | 140.9 | 140.5 | 141.6 | 142.6 | 143.0 | 143.1 | 143.8 |
| 60°    | 127.6 | 125.7 | 125.2 | 124.3 | 125.2 | 125.7 | 127.6 | 130.0 | 131.0 | 131.5 | 132.2 |
| 62.5°  | 112.0 | 110.6 | 109.0 | 109.8 | 109.0 | 110.6 | 112.0 | 114.5 | 116.6 | 118.3 | 120.0 |
| 65°    | 91.1  | 90.1  | 89.4  | 90.4  | 89.4  | 90.1  | 91.1  | 93.0  | 94.9  | 98.7  | 102.3 |
| 67.5°  | 75.3  | 74.8  | 74.8  | 74.4  | 74.8  | 74.8  | 75.3  | 76.3  | 77.6  | 79.7  | 83.0  |
| 70°    | 67.2  | 66.4  | 66.4  | 65.9  | 66.4  | 66.4  | 67.2  | 67.2  | 68.4  | 69.3  | 71.7  |
| 72.5°  | 58.8  | 58.1  | 58.3  | 58.0  | 58.3  | 58.1  | 58.8  | 59.0  | 60.1  | 60.5  | 61.6  |
| 75°    | 43.5  | 42.3  | 42.3  | 42.5  | 42.3  | 42.3  | 43.5  | 44.9  | 46.2  | 48.3  | 48.8  |
| 77.5°  | 32.4  | 32.2  | 32.5  | 32.1  | 32.5  | 32.2  | 32.4  | 32.4  | 32.7  | 33.7  | 34.5  |
| 80°    | 26.6  | 26.3  | 26.1  | 26.8  | 26.1  | 26.3  | 26.6  | 26.6  | 26.8  | 27.0  | 27.3  |
| 82.5°  | 20.6  | 20.6  | 20.5  | 21.4  | 20.5  | 20.6  | 20.6  | 21.0  | 21.0  | 20.9  | 21.1  |
| 85°    | 12.4  | 11.9  | 12.4  | 11.9  | 12.4  | 11.9  | 12.4  | 12.2  | 12.4  | 12.2  | 12.4  |
| 87.5°  | 8.9   | 8.8   | 8.7   | 9.0   | 8.7   | 8.8   | 8.9   | 8.5   | 8.4   | 8.5   | 8.1   |
| 90°    | 22.6  | 23.0  | 23.3  | 23.7  | 23.3  | 23.0  | 22.6  | 22.3  | 21.6  | 20.5  | 19.5  |
| 92.5°  | 21.6  | 21.6  | 21.7  | 21.8  | 21.7  | 21.6  | 21.6  | 21.5  | 20.9  | 19.9  | 18.9  |
| 95°    | 22.4  | 22.5  | 22.7  | 22.9  | 22.7  | 22.5  | 22.4  | 22.2  | 21.6  | 20.5  | 19.5  |
| 97.5°  | 21.6  | 21.7  | 21.9  | 22.1  | 21.9  | 21.7  | 21.6  | 21.4  | 21.3  | 21.2  | 21.1  |
| 100°   | 21.6  | 21.7  | 21.9  | 22.1  | 21.9  | 21.7  | 21.6  | 21.4  | 22.8  | 25.8  | 28.8  |
| 102.5° | 22.6  | 22.6  | 22.7  | 22.7  | 22.7  | 22.6  | 22.6  | 22.6  | 38.7  | 70.9  | 103.0 |
| 105°   | 244.0 | 237.6 | 231.4 | 225.0 | 231.4 | 237.6 | 244.0 | 250.3 | 252.7 | 251.1 | 249.5 |
| 107.5° | 311.6 | 312.3 | 313.0 | 313.7 | 313.0 | 312.3 | 311.6 | 310.9 | 310.2 | 309.4 | 308.7 |
| 110°   | 350.6 | 351.1 | 351.6 | 352.1 | 351.6 | 351.1 | 350.6 | 350.0 | 349.6 | 349.3 | 348.9 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 388.7  | 389.4  | 390.0  | 390.7  | 390.0  | 389.4  | 388.7  | 388.0  | 387.7  | 387.8  | 387.9  |
| 115°   | 447.0  | 447.0  | 447.0  | 447.0  | 447.0  | 447.0  | 447.0  | 447.0  | 446.8  | 446.4  | 446.1  |
| 117.5° | 504.3  | 504.2  | 504.1  | 504.1  | 504.1  | 504.2  | 504.3  | 504.3  | 504.4  | 504.5  | 504.5  |
| 120°   | 541.2  | 540.8  | 540.5  | 540.1  | 540.5  | 540.8  | 541.2  | 541.5  | 541.5  | 541.2  | 540.8  |
| 122.5° | 576.5  | 576.1  | 575.8  | 575.4  | 575.8  | 576.1  | 576.5  | 576.8  | 576.9  | 576.7  | 576.5  |
| 125°   | 628.0  | 628.1  | 628.3  | 628.5  | 628.3  | 628.1  | 628.0  | 627.8  | 627.4  | 626.9  | 626.4  |
| 127.5° | 675.5  | 675.4  | 675.3  | 675.1  | 675.3  | 675.4  | 675.5  | 675.7  | 675.8  | 675.9  | 676.0  |
| 130°   | 706.7  | 706.7  | 706.7  | 706.7  | 706.7  | 706.7  | 706.7  | 706.7  | 706.6  | 706.4  | 706.3  |
| 132.5° | 736.2  | 736.0  | 735.9  | 735.8  | 735.9  | 736.0  | 736.2  | 736.3  | 736.3  | 736.1  | 736.0  |
| 135°   | 778.3  | 778.6  | 779.0  | 779.3  | 779.0  | 778.6  | 778.3  | 777.9  | 777.6  | 777.2  | 776.9  |
| 137.5° | 816.9  | 816.8  | 816.7  | 816.6  | 816.7  | 816.8  | 816.9  | 817.0  | 816.9  | 816.5  | 816.1  |
| 140°   | 842.0  | 842.1  | 842.3  | 842.5  | 842.3  | 842.1  | 842.0  | 841.8  | 841.4  | 840.9  | 840.4  |
| 142.5° | 863.8  | 863.9  | 863.9  | 863.9  | 863.9  | 863.9  | 863.8  | 863.8  | 863.6  | 863.2  | 862.8  |
| 145°   | 896.0  | 896.3  | 896.7  | 897.0  | 896.7  | 896.3  | 896.0  | 895.5  | 895.3  | 895.1  | 894.9  |
| 147.5° | 923.8  | 923.9  | 924.1  | 924.3  | 924.1  | 923.9  | 923.8  | 923.6  | 923.4  | 923.3  | 923.2  |
| 150°   | 941.5  | 941.6  | 941.8  | 942.0  | 941.8  | 941.6  | 941.5  | 941.3  | 941.2  | 941.2  | 941.2  |
| 152.5° | 957.5  | 957.4  | 957.3  | 957.2  | 957.3  | 957.4  | 957.5  | 957.6  | 957.5  | 957.3  | 956.9  |
| 155°   | 979.1  | 978.6  | 978.1  | 977.5  | 978.1  | 978.6  | 979.1  | 979.7  | 979.6  | 978.9  | 978.2  |
| 157.5° | 997.3  | 996.4  | 995.5  | 994.6  | 995.5  | 996.4  | 997.3  | 998.3  | 998.3  | 997.3  | 996.4  |
| 160°   | 1009.2 | 1008.0 | 1007.0 | 1005.9 | 1007.0 | 1008.0 | 1009.2 | 1010.2 | 1010.2 | 1009.2 | 1008.0 |
| 162.5° | 1018.3 | 1017.1 | 1016.0 | 1014.8 | 1016.0 | 1017.1 | 1018.3 | 1019.6 | 1019.7 | 1018.5 | 1017.5 |
| 165°   | 1032.0 | 1030.5 | 1028.9 | 1027.2 | 1028.9 | 1030.5 | 1032.0 | 1033.6 | 1033.7 | 1032.3 | 1030.9 |
| 167.5° | 1041.9 | 1040.1 | 1038.3 | 1036.6 | 1038.3 | 1040.1 | 1041.9 | 1043.6 | 1043.7 | 1042.2 | 1040.7 |
| 170°   | 1047.5 | 1045.8 | 1044.0 | 1042.3 | 1044.0 | 1045.8 | 1047.5 | 1049.2 | 1049.5 | 1048.0 | 1046.6 |
| 172.5° | 1051.2 | 1049.2 | 1047.3 | 1045.4 | 1047.3 | 1049.2 | 1051.2 | 1053.0 | 1053.3 | 1051.9 | 1050.5 |
| 175°   | 1055.7 | 1053.6 | 1051.5 | 1049.4 | 1051.5 | 1053.6 | 1055.7 | 1057.8 | 1058.0 | 1056.5 | 1054.9 |
| 177.5° | 1056.9 | 1055.3 | 1053.6 | 1051.9 | 1053.6 | 1055.3 | 1056.9 | 1058.6 | 1058.9 | 1057.8 | 1056.7 |
| 180°   | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5°   | 567.3 | 568.8 | 571.8 | 575.2 | 578.1 | 580.6 | 582.5 | 585.2 | 587.6 | 591.1 | 594.3 |
| 5°     | 533.0 | 536.3 | 541.1 | 546.8 | 554.0 | 558.8 | 564.7 | 570.1 | 577.6 | 585.3 | 592.7 |
| 7.5°   | 502.8 | 506.4 | 513.5 | 521.4 | 529.9 | 537.8 | 544.8 | 554.1 | 564.2 | 575.4 | 587.8 |
| 10°    | 483.2 | 487.4 | 495.6 | 504.7 | 514.8 | 522.5 | 532.0 | 543.0 | 554.5 | 568.2 | 583.4 |
| 12.5°  | 465.6 | 469.6 | 479.6 | 488.9 | 499.3 | 507.8 | 518.9 | 530.0 | 545.3 | 560.1 | 577.4 |
| 15°    | 431.4 | 441.7 | 453.1 | 464.1 | 476.6 | 486.9 | 500.2 | 511.7 | 526.2 | 547.0 | 566.9 |
| 17.5°  | 393.3 | 404.2 | 418.6 | 435.6 | 452.2 | 464.9 | 478.5 | 492.7 | 510.1 | 531.3 | 554.2 |
| 20°    | 371.1 | 380.0 | 395.8 | 414.7 | 434.0 | 451.7 | 464.1 | 479.9 | 497.9 | 520.8 | 544.4 |
| 22.5°  | 354.6 | 362.0 | 374.4 | 393.2 | 414.1 | 434.6 | 450.6 | 466.2 | 485.9 | 509.0 | 534.7 |
| 25°    | 329.6 | 337.7 | 348.5 | 361.3 | 385.3 | 407.0 | 427.8 | 445.8 | 466.8 | 489.7 | 518.4 |
| 27.5°  | 308.8 | 315.9 | 325.8 | 339.2 | 355.3 | 379.2 | 404.5 | 424.9 | 446.5 | 471.1 | 499.8 |
| 30°    | 296.6 | 302.4 | 310.4 | 324.1 | 339.4 | 360.9 | 386.5 | 410.4 | 432.1 | 457.7 | 487.6 |
| 32.5°  | 283.8 | 289.9 | 297.8 | 308.6 | 325.1 | 343.2 | 368.7 | 394.9 | 418.0 | 444.1 | 473.4 |
| 35°    | 266.7 | 271.6 | 278.7 | 289.6 | 304.5 | 320.2 | 343.0 | 370.0 | 394.4 | 422.3 | 450.3 |
| 37.5°  | 249.4 | 255.1 | 260.7 | 270.5 | 282.7 | 299.6 | 318.2 | 345.9 | 372.8 | 398.4 | 425.7 |
| 40°    | 239.7 | 243.1 | 249.2 | 257.2 | 270.0 | 285.1 | 302.6 | 329.6 | 356.6 | 381.9 | 409.4 |
| 42.5°  | 228.8 | 232.6 | 237.8 | 245.7 | 257.2 | 272.0 | 289.0 | 312.4 | 340.5 | 365.1 | 390.1 |
| 45°    | 213.7 | 215.8 | 221.1 | 227.7 | 237.3 | 252.2 | 267.9 | 288.7 | 315.3 | 338.7 | 360.6 |
| 47.5°  | 198.3 | 200.3 | 203.5 | 209.6 | 220.4 | 232.3 | 247.0 | 265.7 | 288.9 | 312.4 | 330.9 |
| 50°    | 187.8 | 189.6 | 192.7 | 198.3 | 207.9 | 219.6 | 234.2 | 251.0 | 271.8 | 294.2 | 309.7 |
| 52.5°  | 177.3 | 178.2 | 181.2 | 187.6 | 195.7 | 207.2 | 220.3 | 235.7 | 255.1 | 273.8 | 289.5 |
| 55°    | 160.6 | 162.8 | 164.7 | 169.5 | 177.1 | 188.1 | 199.9 | 214.4 | 229.4 | 245.2 | 258.6 |
| 57.5°  | 143.2 | 145.5 | 148.2 | 152.5 | 158.5 | 168.7 | 179.3 | 191.1 | 204.0 | 217.0 | 228.3 |
| 60°    | 131.7 | 133.8 | 136.2 | 141.0 | 146.5 | 154.6 | 166.1 | 176.4 | 186.2 | 198.1 | 209.3 |
| 62.5°  | 120.4 | 122.6 | 125.3 | 129.2 | 134.4 | 142.2 | 151.8 | 160.7 | 170.9 | 181.3 | 189.7 |
| 65°    | 103.7 | 105.4 | 107.6 | 111.2 | 116.1 | 123.1 | 131.0 | 137.9 | 147.0 | 154.6 | 162.3 |
| 67.5°  | 85.4  | 88.7  | 91.4  | 94.3  | 98.6  | 105.0 | 110.8 | 117.4 | 123.6 | 129.3 | 136.2 |
| 70°    | 73.4  | 77.0  | 79.6  | 82.7  | 86.7  | 92.3  | 97.8  | 102.3 | 107.3 | 112.8 | 119.1 |
| 72.5°  | 63.2  | 66.0  | 68.2  | 71.4  | 75.1  | 80.2  | 85.3  | 89.1  | 93.2  | 96.9  | 103.0 |
| 75°    | 50.0  | 51.1  | 52.6  | 55.2  | 58.6  | 62.4  | 66.4  | 69.8  | 72.2  | 75.5  | 79.8  |
| 77.5°  | 35.9  | 38.2  | 39.2  | 41.0  | 43.4  | 45.7  | 48.5  | 51.3  | 53.6  | 54.7  | 58.1  |
| 80°    | 27.5  | 28.5  | 29.4  | 32.0  | 33.4  | 35.9  | 37.8  | 40.4  | 41.3  | 42.5  | 45.6  |
| 82.5°  | 21.4  | 21.9  | 22.5  | 23.2  | 24.1  | 26.5  | 28.4  | 30.1  | 31.0  | 31.4  | 33.8  |
| 85°    | 12.4  | 12.6  | 12.9  | 13.1  | 13.4  | 13.4  | 14.3  | 15.6  | 17.2  | 17.2  | 18.0  |
| 87.5°  | 7.9   | 7.9   | 7.6   | 7.1   | 7.3   | 7.0   | 6.8   | 6.4   | 6.6   | 6.8   | 7.0   |
| 90°    | 18.4  | 17.4  | 16.0  | 14.5  | 13.1  | 11.7  | 10.1  | 8.2   | 6.3   | 4.3   | 2.3   |
| 92.5°  | 17.8  | 16.8  | 15.3  | 13.9  | 12.5  | 11.1  | 10.4  | 10.3  | 10.2  | 10.1  | 10.0  |
| 95°    | 18.4  | 17.4  | 17.2  | 17.1  | 16.9  | 16.7  | 19.6  | 25.5  | 31.5  | 37.5  | 43.4  |
| 97.5°  | 20.9  | 20.8  | 40.4  | 60.0  | 79.6  | 99.2  | 107.1 | 103.4 | 99.7  | 95.9  | 92.2  |
| 100°   | 31.7  | 34.7  | 59.0  | 83.2  | 107.3 | 131.6 | 142.1 | 139.0 | 135.8 | 132.7 | 129.5 |
| 102.5° | 135.2 | 167.4 | 170.6 | 173.7 | 176.8 | 180.1 | 180.5 | 178.1 | 175.8 | 173.5 | 171.2 |
| 105°   | 247.9 | 246.3 | 245.5 | 244.6 | 243.7 | 242.9 | 241.9 | 240.9 | 239.7 | 238.7 | 237.6 |
| 107.5° | 307.9 | 307.2 | 306.0 | 304.8 | 303.6 | 302.4 | 301.5 | 301.0 | 300.4 | 299.9 | 299.4 |
| 110°   | 348.6 | 348.2 | 347.2 | 346.1 | 345.1 | 344.0 | 343.3 | 342.6 | 342.1 | 341.6 | 341.1 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 388.0  | 388.0  | 387.5  | 387.0  | 386.6  | 386.1  | 385.4  | 384.4  | 383.4  | 382.4  | 381.5  |
| 115°   | 445.7  | 445.4  | 445.6  | 445.7  | 445.9  | 446.1  | 445.9  | 445.4  | 444.8  | 444.2  | 443.7  |
| 117.5° | 504.6  | 504.7  | 504.3  | 503.9  | 503.5  | 503.2  | 502.6  | 501.9  | 501.2  | 500.5  | 499.8  |
| 120°   | 540.5  | 540.1  | 540.3  | 540.5  | 540.6  | 540.8  | 540.5  | 539.9  | 539.2  | 538.5  | 537.8  |
| 122.5° | 576.3  | 576.1  | 575.8  | 575.6  | 575.3  | 575.1  | 574.8  | 574.3  | 573.9  | 573.5  | 573.1  |
| 125°   | 625.9  | 625.4  | 625.7  | 626.1  | 626.4  | 626.7  | 626.6  | 625.9  | 625.2  | 624.5  | 623.8  |
| 127.5° | 676.1  | 676.2  | 675.4  | 674.6  | 673.8  | 673.0  | 672.5  | 672.4  | 672.2  | 672.0  | 671.8  |
| 130°   | 706.1  | 705.9  | 705.4  | 704.9  | 704.3  | 703.8  | 703.5  | 703.3  | 703.1  | 703.0  | 702.8  |
| 132.5° | 735.8  | 735.6  | 734.9  | 734.3  | 733.6  | 733.0  | 732.5  | 732.2  | 731.8  | 731.4  | 731.1  |
| 135°   | 776.5  | 776.2  | 775.5  | 774.8  | 774.1  | 773.4  | 773.2  | 773.3  | 773.5  | 773.7  | 773.9  |
| 137.5° | 815.8  | 815.4  | 814.6  | 813.9  | 813.0  | 812.2  | 811.8  | 811.7  | 811.7  | 811.6  | 811.5  |
| 140°   | 839.9  | 839.3  | 839.0  | 838.7  | 838.3  | 838.0  | 837.6  | 837.3  | 836.9  | 836.6  | 836.2  |
| 142.5° | 862.5  | 862.1  | 861.9  | 861.7  | 861.4  | 861.2  | 860.8  | 860.2  | 859.6  | 858.9  | 858.3  |
| 145°   | 894.8  | 894.6  | 894.6  | 894.6  | 894.6  | 894.6  | 894.3  | 893.8  | 893.3  | 892.8  | 892.2  |
| 147.5° | 923.0  | 922.9  | 923.0  | 923.2  | 923.4  | 923.6  | 923.2  | 922.2  | 921.2  | 920.3  | 919.3  |
| 150°   | 941.2  | 941.2  | 941.4  | 941.6  | 941.7  | 941.9  | 941.6  | 941.0  | 940.3  | 939.6  | 938.9  |
| 152.5° | 956.6  | 956.3  | 956.6  | 957.0  | 957.4  | 957.7  | 957.6  | 956.9  | 956.3  | 955.8  | 955.2  |
| 155°   | 977.4  | 976.7  | 977.2  | 977.8  | 978.4  | 978.9  | 979.1  | 978.9  | 978.7  | 978.5  | 978.4  |
| 157.5° | 995.5  | 994.6  | 995.2  | 995.8  | 996.3  | 996.9  | 997.3  | 997.4  | 997.5  | 997.6  | 997.7  |
| 160°   | 1007.0 | 1005.9 | 1006.1 | 1006.3 | 1006.5 | 1006.6 | 1007.0 | 1007.5 | 1008.0 | 1008.6 | 1009.2 |
| 162.5° | 1016.5 | 1015.4 | 1015.6 | 1015.8 | 1015.9 | 1016.1 | 1016.5 | 1017.2 | 1017.8 | 1018.5 | 1019.3 |
| 165°   | 1029.5 | 1028.0 | 1028.0 | 1028.0 | 1028.0 | 1028.0 | 1028.5 | 1029.4 | 1030.3 | 1031.2 | 1032.0 |
| 167.5° | 1039.1 | 1037.5 | 1037.6 | 1037.7 | 1037.8 | 1037.9 | 1038.4 | 1039.4 | 1040.3 | 1041.2 | 1042.1 |
| 170°   | 1045.2 | 1043.9 | 1043.7 | 1043.5 | 1043.3 | 1043.2 | 1043.6 | 1044.6 | 1045.7 | 1046.7 | 1047.8 |
| 172.5° | 1049.0 | 1047.6 | 1047.4 | 1047.3 | 1047.1 | 1046.9 | 1047.4 | 1048.4 | 1049.5 | 1050.6 | 1051.6 |
| 175°   | 1053.3 | 1051.8 | 1051.6 | 1051.4 | 1051.3 | 1051.1 | 1051.5 | 1052.6 | 1053.6 | 1054.6 | 1055.7 |
| 177.5° | 1055.5 | 1054.4 | 1054.2 | 1053.9 | 1053.6 | 1053.3 | 1053.7 | 1054.6 | 1055.6 | 1056.6 | 1057.6 |
| 180°   | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5°   | 596.8 | 598.5 | 600.5 | 604.1 | 607.1 | 608.5 | 611.2 | 613.1 | 612.5 | 615.2 | 619.8 |
| 5°     | 599.2 | 605.6 | 613.1 | 620.7 | 629.2 | 636.4 | 642.2 | 647.9 | 652.5 | 657.9 | 666.1 |
| 7.5°   | 598.7 | 610.3 | 622.8 | 636.4 | 650.6 | 662.8 | 674.0 | 685.5 | 695.7 | 706.8 | 721.4 |
| 10°    | 597.2 | 612.6 | 628.1 | 646.0 | 664.0 | 681.0 | 696.2 | 710.5 | 724.2 | 738.7 | 757.2 |
| 12.5°  | 595.5 | 613.1 | 631.9 | 653.5 | 675.8 | 696.2 | 714.2 | 734.9 | 751.9 | 770.7 | 791.9 |
| 15°    | 587.9 | 611.6 | 637.2 | 665.1 | 692.0 | 719.4 | 744.0 | 769.3 | 793.0 | 815.5 | 842.2 |
| 17.5°  | 579.3 | 606.5 | 636.7 | 669.7 | 701.9 | 735.3 | 764.6 | 796.5 | 820.6 | 850.8 | 875.7 |
| 20°    | 572.2 | 601.6 | 633.8 | 670.9 | 707.4 | 744.5 | 776.8 | 809.3 | 836.5 | 866.9 | 898.4 |
| 22.5°  | 563.6 | 595.8 | 630.8 | 669.1 | 707.4 | 747.9 | 783.7 | 816.0 | 849.7 | 883.8 | 916.4 |
| 25°    | 549.7 | 583.2 | 620.3 | 662.3 | 706.3 | 747.6 | 785.9 | 826.0 | 862.3 | 899.4 | 928.6 |
| 27.5°  | 532.7 | 567.8 | 606.8 | 650.3 | 695.4 | 737.7 | 782.7 | 825.6 | 862.1 | 897.8 | 923.2 |
| 30°    | 519.1 | 556.1 | 593.7 | 637.6 | 684.5 | 729.9 | 778.2 | 821.0 | 859.5 | 891.5 | 905.8 |
| 32.5°  | 505.1 | 540.3 | 579.0 | 623.5 | 671.5 | 720.3 | 768.2 | 812.0 | 847.6 | 866.8 | 867.2 |
| 35°    | 480.9 | 513.8 | 554.0 | 597.7 | 647.0 | 700.0 | 748.5 | 791.5 | 813.3 | 815.0 | 791.5 |
| 37.5°  | 454.4 | 484.6 | 522.5 | 566.3 | 620.3 | 673.1 | 722.6 | 751.2 | 758.5 | 734.2 | 690.9 |
| 40°    | 435.5 | 463.4 | 500.0 | 544.9 | 598.4 | 653.0 | 698.1 | 719.1 | 711.6 | 672.1 | 623.8 |
| 42.5°  | 415.6 | 441.6 | 476.9 | 521.2 | 574.9 | 630.1 | 668.5 | 679.7 | 659.5 | 614.0 | 557.4 |
| 45°    | 383.1 | 407.0 | 441.9 | 486.7 | 538.3 | 589.9 | 619.0 | 613.3 | 579.6 | 525.5 | 462.2 |
| 47.5°  | 349.3 | 372.4 | 403.8 | 445.1 | 498.1 | 542.6 | 562.3 | 545.0 | 497.1 | 437.7 | 386.2 |
| 50°    | 327.0 | 350.6 | 379.5 | 419.0 | 467.3 | 510.3 | 522.9 | 496.7 | 443.3 | 386.3 | 338.9 |
| 52.5°  | 305.0 | 325.2 | 353.6 | 391.6 | 437.8 | 474.1 | 480.9 | 450.6 | 395.6 | 344.4 | 302.4 |
| 55°    | 271.6 | 289.9 | 313.8 | 349.6 | 389.6 | 420.4 | 416.8 | 377.9 | 327.9 | 284.2 | 251.2 |
| 57.5°  | 239.1 | 253.0 | 275.1 | 308.7 | 343.8 | 364.5 | 351.3 | 318.1 | 271.6 | 235.7 | 207.9 |
| 60°    | 217.7 | 230.7 | 251.2 | 280.5 | 311.4 | 323.2 | 312.1 | 276.1 | 239.2 | 206.5 | 183.1 |
| 62.5°  | 197.4 | 208.8 | 226.5 | 253.8 | 278.7 | 285.7 | 273.9 | 242.4 | 209.2 | 181.3 | 161.9 |
| 65°    | 168.0 | 178.5 | 193.6 | 213.0 | 230.1 | 233.5 | 225.9 | 193.6 | 168.5 | 145.1 | 131.7 |
| 67.5°  | 141.3 | 148.1 | 160.0 | 176.6 | 185.8 | 187.7 | 173.0 | 152.7 | 130.6 | 116.2 | 106.1 |
| 70°    | 123.3 | 128.2 | 139.1 | 148.1 | 155.6 | 155.8 | 142.2 | 125.9 | 109.0 | 97.3  | 89.9  |
| 72.5°  | 105.9 | 110.5 | 118.9 | 125.0 | 130.8 | 128.9 | 116.4 | 103.6 | 89.9  | 81.0  | 75.5  |
| 75°    | 81.7  | 85.8  | 90.1  | 93.0  | 93.0  | 90.6  | 81.5  | 71.9  | 64.0  | 58.8  | 57.2  |
| 77.5°  | 59.4  | 62.7  | 64.2  | 63.7  | 62.9  | 59.2  | 53.4  | 47.2  | 44.3  | 41.9  | 40.6  |
| 80°    | 46.7  | 48.1  | 48.5  | 47.4  | 45.8  | 41.6  | 37.8  | 35.1  | 32.5  | 31.5  | 31.1  |
| 82.5°  | 34.5  | 35.9  | 34.5  | 34.9  | 31.7  | 28.2  | 26.1  | 25.1  | 24.1  | 23.7  | 23.2  |
| 85°    | 18.4  | 18.2  | 17.7  | 16.5  | 14.3  | 13.8  | 13.6  | 13.4  | 12.9  | 13.1  | 12.6  |
| 87.5°  | 7.2   | 7.0   | 6.6   | 6.8   | 7.2   | 7.1   | 7.5   | 7.8   | 8.1   | 8.1   | 8.7   |
| 90°    | 4.3   | 6.3   | 8.2   | 10.1  | 11.7  | 13.1  | 14.5  | 16.0  | 17.4  | 18.4  | 19.5  |
| 92.5°  | 10.1  | 10.2  | 10.3  | 10.4  | 11.1  | 12.5  | 13.9  | 15.3  | 16.8  | 17.8  | 18.9  |
| 95°    | 37.5  | 31.5  | 25.5  | 19.6  | 16.7  | 16.9  | 17.1  | 17.2  | 17.4  | 18.4  | 19.5  |
| 97.5°  | 95.9  | 99.7  | 103.4 | 107.1 | 99.2  | 79.6  | 60.0  | 40.4  | 20.8  | 20.9  | 21.1  |
| 100°   | 132.7 | 135.8 | 139.0 | 142.1 | 131.6 | 107.3 | 83.2  | 59.0  | 34.7  | 31.7  | 28.8  |
| 102.5° | 173.5 | 175.8 | 178.1 | 180.5 | 180.1 | 176.8 | 173.7 | 170.6 | 167.4 | 135.2 | 103.0 |
| 105°   | 238.7 | 239.7 | 240.9 | 241.9 | 242.9 | 243.7 | 244.6 | 245.5 | 246.3 | 247.9 | 249.5 |
| 107.5° | 299.9 | 300.4 | 301.0 | 301.5 | 302.4 | 303.6 | 304.8 | 306.0 | 307.2 | 307.9 | 308.7 |
| 110°   | 341.6 | 342.1 | 342.6 | 343.3 | 344.0 | 345.1 | 346.1 | 347.2 | 348.2 | 348.6 | 348.9 |





TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 382.4  | 383.4  | 384.4  | 385.4  | 386.1  | 386.6  | 387.0  | 387.5  | 388.0  | 388.0  | 387.9  |
| 115°   | 444.2  | 444.8  | 445.4  | 445.9  | 446.1  | 445.9  | 445.7  | 445.6  | 445.4  | 445.7  | 446.1  |
| 117.5° | 500.5  | 501.2  | 501.9  | 502.6  | 503.2  | 503.5  | 503.9  | 504.3  | 504.7  | 504.6  | 504.5  |
| 120°   | 538.5  | 539.2  | 539.9  | 540.5  | 540.8  | 540.6  | 540.5  | 540.3  | 540.1  | 540.5  | 540.8  |
| 122.5° | 573.5  | 573.9  | 574.3  | 574.8  | 575.1  | 575.3  | 575.6  | 575.8  | 576.1  | 576.3  | 576.5  |
| 125°   | 624.5  | 625.2  | 625.9  | 626.6  | 626.7  | 626.4  | 626.1  | 625.7  | 625.4  | 625.9  | 626.4  |
| 127.5° | 672.0  | 672.2  | 672.4  | 672.5  | 673.0  | 673.8  | 674.6  | 675.4  | 676.2  | 676.1  | 676.0  |
| 130°   | 703.0  | 703.1  | 703.3  | 703.5  | 703.8  | 704.3  | 704.9  | 705.4  | 705.9  | 706.1  | 706.3  |
| 132.5° | 731.4  | 731.8  | 732.2  | 732.5  | 733.0  | 733.6  | 734.3  | 734.9  | 735.6  | 735.8  | 736.0  |
| 135°   | 773.7  | 773.5  | 773.3  | 773.2  | 773.4  | 774.1  | 774.8  | 775.5  | 776.2  | 776.5  | 776.9  |
| 137.5° | 811.6  | 811.7  | 811.7  | 811.8  | 812.2  | 813.0  | 813.9  | 814.6  | 815.4  | 815.8  | 816.1  |
| 140°   | 836.6  | 836.9  | 837.3  | 837.6  | 838.0  | 838.3  | 838.7  | 839.0  | 839.3  | 839.9  | 840.4  |
| 142.5° | 858.9  | 859.6  | 860.2  | 860.8  | 861.2  | 861.4  | 861.7  | 861.9  | 862.1  | 862.5  | 862.8  |
| 145°   | 892.8  | 893.3  | 893.8  | 894.3  | 894.6  | 894.6  | 894.6  | 894.6  | 894.6  | 894.8  | 894.9  |
| 147.5° | 920.3  | 921.2  | 922.2  | 923.2  | 923.6  | 923.4  | 923.2  | 923.0  | 922.9  | 923.0  | 923.2  |
| 150°   | 939.6  | 940.3  | 941.0  | 941.6  | 941.9  | 941.7  | 941.6  | 941.4  | 941.2  | 941.2  | 941.2  |
| 152.5° | 955.8  | 956.3  | 956.9  | 957.6  | 957.7  | 957.4  | 957.0  | 956.6  | 956.3  | 956.6  | 956.9  |
| 155°   | 978.5  | 978.7  | 978.9  | 979.1  | 978.9  | 978.4  | 977.8  | 977.2  | 976.7  | 977.4  | 978.2  |
| 157.5° | 997.6  | 997.5  | 997.4  | 997.3  | 996.9  | 996.3  | 995.8  | 995.2  | 994.6  | 995.5  | 996.4  |
| 160°   | 1008.6 | 1008.0 | 1007.5 | 1007.0 | 1006.6 | 1006.5 | 1006.3 | 1006.1 | 1005.9 | 1007.0 | 1008.0 |
| 162.5° | 1018.5 | 1017.8 | 1017.2 | 1016.5 | 1016.1 | 1015.9 | 1015.8 | 1015.6 | 1015.4 | 1016.5 | 1017.5 |
| 165°   | 1031.2 | 1030.3 | 1029.4 | 1028.5 | 1028.0 | 1028.0 | 1028.0 | 1028.0 | 1028.0 | 1029.5 | 1030.9 |
| 167.5° | 1041.2 | 1040.3 | 1039.4 | 1038.4 | 1037.9 | 1037.8 | 1037.7 | 1037.6 | 1037.5 | 1039.1 | 1040.7 |
| 170°   | 1046.7 | 1045.7 | 1044.6 | 1043.6 | 1043.2 | 1043.3 | 1043.5 | 1043.7 | 1043.9 | 1045.2 | 1046.6 |
| 172.5° | 1050.6 | 1049.5 | 1048.4 | 1047.4 | 1046.9 | 1047.1 | 1047.3 | 1047.4 | 1047.6 | 1049.0 | 1050.5 |
| 175°   | 1054.6 | 1053.6 | 1052.6 | 1051.5 | 1051.1 | 1051.3 | 1051.4 | 1051.6 | 1051.8 | 1053.3 | 1054.9 |
| 177.5° | 1056.6 | 1055.6 | 1054.6 | 1053.7 | 1053.3 | 1053.6 | 1053.9 | 1054.2 | 1054.4 | 1055.5 | 1056.7 |
| 180°   | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5°   | 622.3 | 623.0 | 623.6 | 625.5 | 625.7 | 627.4 | 625.7 |
| 5°     | 673.8 | 677.1 | 682.4 | 687.6 | 688.1 | 691.5 | 685.5 |
| 7.5°   | 731.4 | 739.2 | 744.1 | 752.6 | 755.9 | 758.0 | 754.6 |
| 10°    | 771.2 | 778.4 | 791.1 | 797.3 | 803.5 | 804.5 | 801.6 |
| 12.5°  | 809.7 | 821.0 | 831.0 | 842.8 | 842.5 | 850.9 | 847.9 |
| 15°    | 860.9 | 872.6 | 886.5 | 899.6 | 904.3 | 904.3 | 908.2 |
| 17.5°  | 897.4 | 918.9 | 933.2 | 943.5 | 954.8 | 956.7 | 955.4 |
| 20°    | 922.1 | 945.2 | 960.6 | 973.9 | 981.6 | 983.7 | 983.7 |
| 22.5°  | 940.4 | 960.2 | 975.1 | 987.1 | 993.4 | 995.9 | 995.2 |
| 25°    | 953.1 | 970.1 | 979.2 | 982.8 | 984.4 | 984.0 | 979.5 |
| 27.5°  | 935.7 | 934.9 | 929.3 | 918.3 | 910.0 | 904.9 | 899.2 |
| 30°    | 902.5 | 890.0 | 875.7 | 859.9 | 839.6 | 824.0 | 819.3 |
| 32.5°  | 852.9 | 825.1 | 800.7 | 774.5 | 752.7 | 737.1 | 730.5 |
| 35°    | 757.2 | 713.0 | 676.8 | 645.3 | 622.4 | 608.0 | 603.2 |
| 37.5°  | 643.5 | 600.7 | 556.0 | 525.4 | 506.3 | 491.9 | 486.6 |
| 40°    | 571.2 | 524.6 | 485.6 | 457.0 | 437.4 | 423.2 | 423.0 |
| 42.5°  | 505.2 | 460.7 | 424.0 | 403.4 | 382.3 | 372.9 | 372.9 |
| 45°    | 413.7 | 378.1 | 347.0 | 330.7 | 318.1 | 310.4 | 308.3 |
| 47.5°  | 342.5 | 313.1 | 292.4 | 279.4 | 269.1 | 264.3 | 261.1 |
| 50°    | 302.6 | 276.8 | 260.2 | 249.0 | 243.3 | 237.1 | 236.6 |
| 52.5°  | 269.3 | 248.4 | 235.6 | 226.5 | 219.2 | 215.5 | 215.6 |
| 55°    | 226.3 | 209.8 | 200.8 | 193.8 | 188.1 | 185.2 | 184.0 |
| 57.5°  | 190.7 | 178.3 | 171.7 | 165.3 | 162.9 | 160.7 | 160.1 |
| 60°    | 168.5 | 160.2 | 153.9 | 148.9 | 145.3 | 144.6 | 144.3 |
| 62.5°  | 150.2 | 141.4 | 137.1 | 133.2 | 130.6 | 129.5 | 129.1 |
| 65°    | 123.8 | 117.3 | 113.5 | 110.4 | 109.5 | 107.8 | 107.6 |
| 67.5°  | 99.8  | 95.9  | 93.4  | 91.3  | 90.0  | 89.9  | 89.9  |
| 70°    | 85.1  | 82.9  | 80.8  | 79.6  | 78.9  | 78.4  | 78.4  |
| 72.5°  | 72.5  | 70.9  | 69.1  | 68.5  | 68.4  | 67.9  | 67.7  |
| 75°    | 55.2  | 53.5  | 53.8  | 52.6  | 51.6  | 50.4  | 49.7  |
| 77.5°  | 39.2  | 38.0  | 37.7  | 37.6  | 36.8  | 36.7  | 37.0  |
| 80°    | 30.4  | 29.2  | 28.9  | 29.2  | 28.9  | 28.2  | 28.2  |
| 82.5°  | 23.1  | 22.1  | 21.8  | 21.7  | 21.5  | 21.7  | 21.3  |
| 85°    | 12.4  | 11.9  | 11.9  | 11.9  | 12.4  | 12.2  | 11.9  |
| 87.5°  | 8.5   | 8.5   | 8.9   | 8.7   | 8.8   | 8.7   | 9.0   |
| 90°    | 20.5  | 21.6  | 22.3  | 22.6  | 23.0  | 23.3  | 23.7  |
| 92.5°  | 19.9  | 20.9  | 21.5  | 21.6  | 21.6  | 21.7  | 21.8  |
| 95°    | 20.5  | 21.6  | 22.2  | 22.4  | 22.5  | 22.7  | 22.9  |
| 97.5°  | 21.2  | 21.3  | 21.4  | 21.6  | 21.7  | 21.9  | 22.1  |
| 100°   | 25.8  | 22.8  | 21.4  | 21.6  | 21.7  | 21.9  | 22.1  |
| 102.5° | 70.9  | 38.7  | 22.6  | 22.6  | 22.6  | 22.7  | 22.7  |
| 105°   | 251.1 | 252.7 | 250.3 | 244.0 | 237.6 | 231.4 | 225.0 |
| 107.5° | 309.4 | 310.2 | 310.9 | 311.6 | 312.3 | 313.0 | 313.7 |
| 110°   | 349.3 | 349.6 | 350.0 | 350.6 | 351.1 | 351.6 | 352.1 |



TEST NUMBER: P332877-840

CATALOG NUMBER: S124RDIP-S350D810U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 387.8  | 387.7  | 388.0  | 388.7  | 389.4  | 390.0  | 390.7  |
| 115°   | 446.4  | 446.8  | 447.0  | 447.0  | 447.0  | 447.0  | 447.0  |
| 117.5° | 504.5  | 504.4  | 504.3  | 504.3  | 504.2  | 504.1  | 504.1  |
| 120°   | 541.2  | 541.5  | 541.5  | 541.2  | 540.8  | 540.5  | 540.1  |
| 122.5° | 576.7  | 576.9  | 576.8  | 576.5  | 576.1  | 575.8  | 575.4  |
| 125°   | 626.9  | 627.4  | 627.8  | 628.0  | 628.1  | 628.3  | 628.5  |
| 127.5° | 675.9  | 675.8  | 675.7  | 675.5  | 675.4  | 675.3  | 675.1  |
| 130°   | 706.4  | 706.6  | 706.7  | 706.7  | 706.7  | 706.7  | 706.7  |
| 132.5° | 736.1  | 736.3  | 736.3  | 736.2  | 736.0  | 735.9  | 735.8  |
| 135°   | 777.2  | 777.6  | 777.9  | 778.3  | 778.6  | 779.0  | 779.3  |
| 137.5° | 816.5  | 816.9  | 817.0  | 816.9  | 816.8  | 816.7  | 816.6  |
| 140°   | 840.9  | 841.4  | 841.8  | 842.0  | 842.1  | 842.3  | 842.5  |
| 142.5° | 863.2  | 863.6  | 863.8  | 863.8  | 863.9  | 863.9  | 863.9  |
| 145°   | 895.1  | 895.3  | 895.5  | 896.0  | 896.3  | 896.7  | 897.0  |
| 147.5° | 923.3  | 923.4  | 923.6  | 923.8  | 923.9  | 924.1  | 924.3  |
| 150°   | 941.2  | 941.2  | 941.3  | 941.5  | 941.6  | 941.8  | 942.0  |
| 152.5° | 957.3  | 957.5  | 957.6  | 957.5  | 957.4  | 957.3  | 957.2  |
| 155°   | 978.9  | 979.6  | 979.7  | 979.1  | 978.6  | 978.1  | 977.5  |
| 157.5° | 997.3  | 998.3  | 998.3  | 997.3  | 996.4  | 995.5  | 994.6  |
| 160°   | 1009.2 | 1010.2 | 1010.2 | 1009.2 | 1008.0 | 1007.0 | 1005.9 |
| 162.5° | 1018.5 | 1019.7 | 1019.6 | 1018.3 | 1017.1 | 1016.0 | 1014.8 |
| 165°   | 1032.3 | 1033.7 | 1033.6 | 1032.0 | 1030.5 | 1028.9 | 1027.2 |
| 167.5° | 1042.2 | 1043.7 | 1043.6 | 1041.9 | 1040.1 | 1038.3 | 1036.6 |
| 170°   | 1048.0 | 1049.5 | 1049.2 | 1047.5 | 1045.8 | 1044.0 | 1042.3 |
| 172.5° | 1051.9 | 1053.3 | 1053.0 | 1051.2 | 1049.2 | 1047.3 | 1045.4 |
| 175°   | 1056.5 | 1058.0 | 1057.8 | 1055.7 | 1053.6 | 1051.5 | 1049.4 |
| 177.5° | 1057.8 | 1058.9 | 1058.6 | 1056.9 | 1055.3 | 1053.6 | 1051.9 |
| 180°   | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 | 1055.7 |

(END OF REPORT)