

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

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P994962

Luminaire Tested: S123RDR-B340DB2750-4F0-XX-W2A-A\_3000K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P994962  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDR-B340DB2750-4F0-XX-W2A-A\_3000K  
Description: Define 3 Regressed Direct Recessed with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

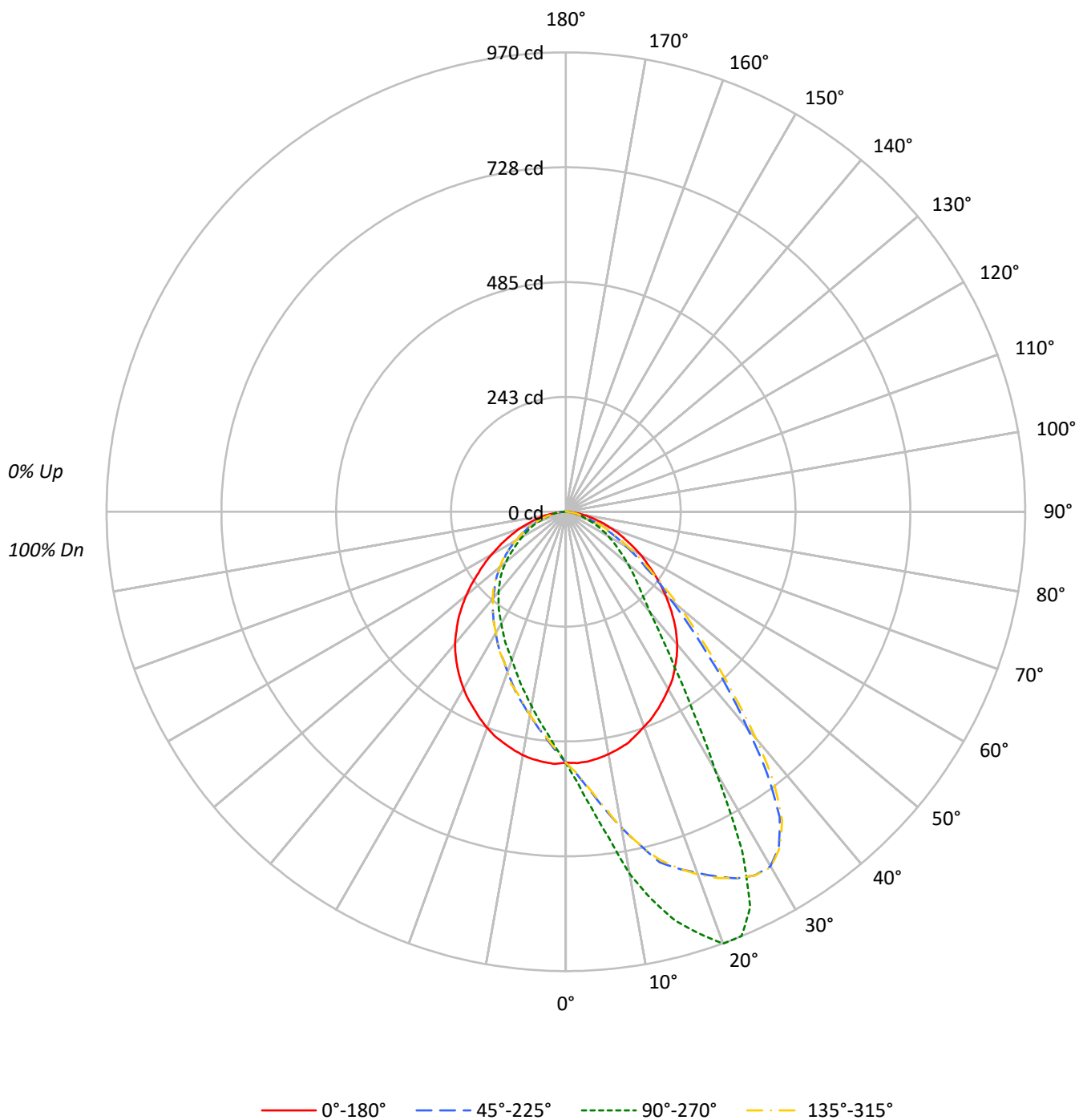
Lumens per Lamp: N/A  
Luminaire Lumens: 1319.0 lumens  
Efficiency: N/A  
Efficacy: 101.5 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 13  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P994962

CATALOG NUMBER: S123RDR-B340DB2750-4F0-XX-W2A-A\_3000K

### Luminous Intensity Polar Plot



TEST NUMBER: P994962

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |     | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 100 | 97  | 100 | 97  | 94  | 96  | 93  | 91  | 92  | 90  | 89  | 89  | 89  | 87  |
| 2   | 101 | 94  | 88  | 83  | 99  | 92  | 87  | 82  | 89  | 84  | 80  | 86  | 82  | 78  | 83  | 79  | 77  | 77  | 77  | 74  |
| 3   | 93  | 84  | 76  | 71  | 91  | 82  | 75  | 70  | 79  | 74  | 69  | 77  | 72  | 68  | 74  | 70  | 66  | 66  | 66  | 64  |
| 4   | 86  | 75  | 67  | 61  | 84  | 74  | 66  | 61  | 71  | 65  | 60  | 69  | 64  | 59  | 67  | 62  | 58  | 58  | 58  | 56  |
| 5   | 80  | 68  | 60  | 53  | 78  | 67  | 59  | 53  | 65  | 58  | 53  | 63  | 57  | 52  | 61  | 56  | 52  | 52  | 52  | 50  |
| 6   | 74  | 62  | 53  | 47  | 72  | 61  | 53  | 47  | 59  | 52  | 47  | 57  | 51  | 46  | 56  | 50  | 46  | 46  | 46  | 44  |
| 7   | 69  | 56  | 48  | 42  | 67  | 55  | 48  | 42  | 54  | 47  | 42  | 53  | 46  | 42  | 51  | 46  | 41  | 41  | 41  | 39  |
| 8   | 64  | 52  | 44  | 38  | 63  | 51  | 43  | 38  | 50  | 43  | 38  | 48  | 42  | 38  | 47  | 42  | 37  | 37  | 37  | 36  |
| 9   | 60  | 48  | 40  | 35  | 59  | 47  | 40  | 35  | 46  | 39  | 34  | 45  | 39  | 34  | 44  | 38  | 34  | 34  | 34  | 32  |
| 10  | 57  | 44  | 37  | 32  | 55  | 44  | 36  | 32  | 43  | 36  | 31  | 42  | 36  | 31  | 41  | 35  | 31  | 31  | 31  | 29  |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 5702 | 5702  | 5702 | 5702 |
| 5°  | 5719 | 6796  | 5733 | 5043 |
| 10° | 5680 | 8486  | 5705 | 4556 |
| 15° | 5635 | 9961  | 5635 | 4154 |
| 20° | 5533 | 11117 | 5564 | 3813 |
| 25° | 5462 | 10940 | 5451 | 3603 |
| 30° | 5378 | 7864  | 5366 | 3388 |
| 35° | 5275 | 5250  | 5250 | 3248 |
| 40° | 5143 | 3868  | 5117 | 3104 |
| 45° | 4902 | 3245  | 4894 | 2962 |
| 50° | 4602 | 2864  | 4587 | 2765 |
| 55° | 4264 | 2511  | 4230 | 2494 |
| 60° | 3935 | 2237  | 3897 | 2284 |
| 65° | 3545 | 1964  | 3568 | 2124 |
| 70° | 3198 | 1542  | 3282 | 1942 |
| 75° | 2774 | 1360  | 2886 | 1772 |
| 80° | 2306 | 1178  | 2504 | 1742 |
| 85° | 1853 | 951   | 2013 | 1853 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 9299 cd/sqm

TEST NUMBER: P994962

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.0   | 3.9       |
| 10°-20°   | 162.8  | 12.3      |
| 20°-30°   | 256.5  | 19.4      |
| 30°-40°   | 266.7  | 20.2      |
| 40°-50°   | 228.2  | 17.3      |
| 50°-60°   | 173.9  | 13.2      |
| 60°-70°   | 111.4  | 8.4       |
| 70°-80°   | 53.4   | 4.0       |
| 80°-90°   | 14.0   | 1.1       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| <hr/>     |        |           |
| 0°-30°    | 471.3  | 35.7      |
| 0°-40°    | 738.0  | 56.0      |
| 0°-60°    | 1140.1 | 86.4      |
| 0°-90°    | 1319.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1319.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 530 | 530 | 530  | 530  | 530  |      |
| 5°  | 529 | 629 | 531  | 467  | 529  | 50   |
| 15° | 506 | 894 | 506  | 373  | 506  | 142  |
| 25° | 460 | 921 | 459  | 303  | 460  | 212  |
| 35° | 401 | 400 | 400  | 247  | 401  | 251  |
| 45° | 322 | 213 | 322  | 195  | 322  | 248  |
| 55° | 227 | 134 | 225  | 133  | 227  | 204  |
| 65° | 139 | 77  | 140  | 83   | 139  | 139  |
| 75° | 67  | 33  | 69   | 43   | 67   | 72   |
| 85° | 15  | 8   | 16   | 15   | 15   | 18   |
| 90° | 0   | 0   | 0    | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°  | 531.1 | 534.7 | 537.4 | 539.2 | 543.8 | 546.5 | 548.8 | 552.8 | 552.8 | 553.7 | 555.6 |
| 5°    | 529.3 | 537.0 | 542.4 | 549.7 | 559.2 | 563.7 | 570.1 | 575.5 | 583.2 | 587.3 | 591.4 |
| 7.5°  | 525.2 | 536.1 | 547.4 | 558.3 | 572.3 | 581.4 | 587.8 | 601.8 | 611.8 | 624.0 | 633.6 |
| 10°   | 519.7 | 534.7 | 549.2 | 566.0 | 585.0 | 598.6 | 608.2 | 626.8 | 645.8 | 663.0 | 677.6 |
| 12.5° | 512.9 | 531.1 | 551.9 | 572.3 | 599.1 | 612.7 | 628.1 | 651.2 | 678.5 | 700.2 | 719.7 |
| 15°   | 505.7 | 526.5 | 550.1 | 575.1 | 608.6 | 627.7 | 649.9 | 678.0 | 708.4 | 739.7 | 766.4 |
| 17.5° | 494.3 | 520.6 | 546.9 | 583.2 | 622.7 | 634.0 | 653.1 | 691.6 | 729.3 | 757.4 | 790.0 |
| 20°   | 483.0 | 512.5 | 545.6 | 578.2 | 620.9 | 647.2 | 664.9 | 705.7 | 746.0 | 780.0 | 811.3 |
| 22.5° | 472.6 | 503.4 | 537.9 | 579.1 | 619.0 | 645.4 | 667.6 | 710.2 | 756.9 | 795.0 | 833.6 |
| 25°   | 459.9 | 493.4 | 531.5 | 570.5 | 619.0 | 639.0 | 663.5 | 712.9 | 762.4 | 806.4 | 854.0 |
| 27.5° | 446.3 | 480.3 | 517.9 | 557.8 | 602.3 | 631.7 | 655.8 | 708.8 | 769.2 | 816.3 | 865.3 |
| 30°   | 432.7 | 467.6 | 503.9 | 539.7 | 589.6 | 617.7 | 645.4 | 703.9 | 772.8 | 826.8 | 864.4 |
| 32.5° | 419.5 | 449.0 | 484.8 | 519.7 | 569.2 | 600.0 | 631.3 | 698.9 | 774.2 | 819.5 | 837.6 |
| 35°   | 401.4 | 432.2 | 461.2 | 498.4 | 548.3 | 578.7 | 615.4 | 698.4 | 768.3 | 796.4 | 787.3 |
| 37.5° | 384.6 | 410.4 | 438.1 | 471.2 | 522.5 | 561.9 | 600.0 | 686.6 | 748.8 | 750.6 | 699.3 |
| 40°   | 366.0 | 387.3 | 410.4 | 445.4 | 500.7 | 539.7 | 581.0 | 668.5 | 713.4 | 686.6 | 596.4 |
| 42.5° | 344.7 | 363.7 | 381.9 | 415.9 | 476.2 | 519.7 | 564.2 | 645.8 | 662.1 | 600.5 | 506.6 |
| 45°   | 322.0 | 337.4 | 354.2 | 390.0 | 450.3 | 493.4 | 537.9 | 610.9 | 594.1 | 507.0 | 417.7 |
| 47.5° | 298.4 | 311.6 | 327.9 | 360.5 | 422.7 | 466.7 | 508.8 | 561.0 | 518.4 | 424.9 | 350.1 |
| 50°   | 274.8 | 285.3 | 301.1 | 334.7 | 394.6 | 434.5 | 473.5 | 507.5 | 447.6 | 364.6 | 289.3 |
| 52.5° | 251.7 | 259.9 | 276.2 | 304.8 | 362.8 | 400.9 | 429.0 | 442.2 | 381.4 | 301.1 | 251.2 |
| 55°   | 227.2 | 236.3 | 247.2 | 276.2 | 333.8 | 361.9 | 380.5 | 380.0 | 317.5 | 255.3 | 207.7 |
| 57.5° | 203.6 | 211.8 | 221.3 | 250.3 | 297.1 | 316.1 | 332.0 | 324.3 | 264.9 | 209.1 | 178.2 |
| 60°   | 182.8 | 187.3 | 197.7 | 222.2 | 257.6 | 273.9 | 283.0 | 269.8 | 216.3 | 176.4 | 147.4 |
| 62.5° | 160.1 | 164.6 | 173.2 | 196.4 | 218.1 | 226.8 | 234.5 | 217.7 | 178.7 | 143.8 | 126.1 |
| 65°   | 139.2 | 145.1 | 150.6 | 169.2 | 181.0 | 191.4 | 190.5 | 176.4 | 139.7 | 117.0 | 102.5 |
| 67.5° | 121.1 | 123.4 | 127.9 | 139.2 | 144.7 | 152.4 | 152.8 | 137.0 | 112.5 | 95.2  | 86.6  |
| 70°   | 101.6 | 103.9 | 107.0 | 112.5 | 116.1 | 117.9 | 117.0 | 102.9 | 84.8  | 74.4  | 66.7  |
| 72.5° | 84.8  | 84.4  | 86.6  | 86.6  | 90.2  | 89.8  | 87.1  | 76.2  | 64.4  | 55.8  | 51.2  |
| 75°   | 66.7  | 67.1  | 67.6  | 66.7  | 65.3  | 63.5  | 61.2  | 53.1  | 45.4  | 41.3  | 37.2  |
| 77.5° | 52.2  | 51.2  | 51.7  | 48.5  | 46.7  | 44.9  | 41.7  | 37.6  | 31.3  | 30.4  | 28.6  |
| 80°   | 37.2  | 36.7  | 36.3  | 34.9  | 30.8  | 29.0  | 26.8  | 24.5  | 23.1  | 22.2  | 21.8  |
| 82.5° | 24.9  | 24.9  | 24.0  | 21.3  | 19.0  | 17.7  | 17.2  | 16.3  | 15.0  | 15.0  | 14.5  |
| 85°   | 15.0  | 14.5  | 13.6  | 10.9  | 9.5   | 9.5   | 9.5   | 9.5   | 8.6   | 8.6   | 8.2   |
| 87.5° | 5.9   | 5.4   | 4.1   | 4.1   | 3.6   | 3.6   | 3.6   | 3.2   | 3.2   | 2.7   | 2.7   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°  | 559.2 | 559.2 | 563.3 | 567.3 | 565.1 | 566.4 | 571.4 | 569.6 | 573.2 | 572.8 | 574.2 |
| 5°    | 601.4 | 606.4 | 610.4 | 619.0 | 620.4 | 619.0 | 627.7 | 629.9 | 634.0 | 629.0 | 631.3 |
| 7.5°  | 649.0 | 659.4 | 669.4 | 682.1 | 686.2 | 687.1 | 691.6 | 698.0 | 703.4 | 693.4 | 698.4 |
| 10°   | 695.2 | 711.1 | 731.5 | 742.9 | 752.8 | 756.5 | 760.1 | 764.2 | 770.5 | 776.4 | 771.9 |
| 12.5° | 745.1 | 768.3 | 787.8 | 808.2 | 820.4 | 819.1 | 829.5 | 832.2 | 837.2 | 838.6 | 840.4 |
| 15°   | 785.9 | 818.6 | 830.8 | 861.2 | 863.9 | 873.0 | 884.8 | 895.2 | 896.6 | 893.9 | 893.9 |
| 17.5° | 824.9 | 853.1 | 874.8 | 899.3 | 904.3 | 912.0 | 927.0 | 932.0 | 933.8 | 933.3 | 933.3 |
| 20°   | 856.7 | 875.3 | 912.0 | 932.4 | 940.6 | 950.6 | 961.0 | 967.4 | 968.7 | 970.5 | 967.8 |
| 22.5° | 877.6 | 905.7 | 935.6 | 952.4 | 959.2 | 962.8 | 969.6 | 971.4 | 969.2 | 969.6 | 970.1 |
| 25°   | 893.9 | 921.5 | 939.7 | 944.2 | 943.8 | 939.2 | 934.2 | 925.6 | 924.7 | 921.1 | 913.8 |
| 27.5° | 898.4 | 908.8 | 906.6 | 888.0 | 869.4 | 867.6 | 837.6 | 821.3 | 802.7 | 805.4 | 795.0 |
| 30°   | 873.9 | 860.3 | 828.1 | 781.0 | 761.5 | 729.7 | 696.1 | 661.2 | 647.6 | 632.7 | 660.3 |
| 32.5° | 814.1 | 765.5 | 708.4 | 647.2 | 614.5 | 586.4 | 550.6 | 525.2 | 510.7 | 498.4 | 522.0 |
| 35°   | 723.8 | 648.1 | 572.3 | 514.3 | 487.5 | 462.1 | 428.6 | 415.9 | 397.7 | 399.5 | 401.8 |
| 37.5° | 607.7 | 524.3 | 467.1 | 410.0 | 392.3 | 381.9 | 357.4 | 337.9 | 331.5 | 329.7 | 329.7 |
| 40°   | 498.9 | 430.4 | 379.6 | 334.7 | 321.1 | 312.5 | 293.0 | 283.9 | 277.1 | 275.3 | 277.6 |
| 42.5° | 412.7 | 354.2 | 314.7 | 284.8 | 275.3 | 264.4 | 256.2 | 244.9 | 243.5 | 240.4 | 244.4 |
| 45°   | 346.5 | 295.7 | 266.2 | 244.4 | 236.3 | 232.2 | 223.1 | 216.3 | 213.6 | 213.2 | 216.3 |
| 47.5° | 293.9 | 254.4 | 228.6 | 215.0 | 208.6 | 204.5 | 196.8 | 194.1 | 191.4 | 192.3 | 190.9 |
| 50°   | 246.7 | 217.2 | 200.5 | 188.2 | 184.1 | 180.0 | 175.1 | 172.3 | 171.0 | 171.0 | 170.5 |
| 52.5° | 211.8 | 187.3 | 176.4 | 165.1 | 163.3 | 161.0 | 155.6 | 153.7 | 151.5 | 151.0 | 152.8 |
| 55°   | 181.4 | 164.6 | 153.7 | 146.9 | 145.1 | 140.6 | 138.3 | 136.1 | 134.7 | 133.8 | 134.2 |
| 57.5° | 155.1 | 142.4 | 135.1 | 129.3 | 126.1 | 124.3 | 120.2 | 119.7 | 118.8 | 118.8 | 118.4 |
| 60°   | 133.3 | 124.3 | 115.6 | 112.0 | 109.8 | 107.5 | 107.0 | 104.3 | 102.9 | 103.9 | 103.4 |
| 62.5° | 112.9 | 105.7 | 100.7 | 96.6  | 95.2  | 93.4  | 92.1  | 91.2  | 89.8  | 90.2  | 90.2  |
| 65°   | 94.3  | 88.4  | 84.8  | 81.2  | 80.7  | 78.9  | 78.5  | 77.6  | 77.6  | 77.1  | 78.0  |
| 67.5° | 77.6  | 73.5  | 70.3  | 68.0  | 66.7  | 67.1  | 65.3  | 63.9  | 63.9  | 63.5  | 64.9  |
| 70°   | 61.7  | 59.4  | 56.2  | 53.5  | 51.7  | 51.7  | 49.4  | 49.0  | 49.0  | 49.0  | 48.5  |
| 72.5° | 47.6  | 43.5  | 42.2  | 41.3  | 41.3  | 41.3  | 40.4  | 40.4  | 39.9  | 40.4  | 39.9  |
| 75°   | 35.4  | 34.9  | 34.0  | 33.6  | 33.6  | 33.1  | 32.7  | 32.7  | 32.7  | 32.7  | 32.7  |
| 77.5° | 27.7  | 27.7  | 26.8  | 26.3  | 26.3  | 26.3  | 25.9  | 25.9  | 25.4  | 25.4  | 25.4  |
| 80°   | 20.4  | 20.4  | 19.5  | 19.5  | 19.5  | 19.0  | 19.0  | 19.0  | 19.5  | 19.0  | 19.0  |
| 82.5° | 14.1  | 14.1  | 13.6  | 14.1  | 13.6  | 13.2  | 13.2  | 13.2  | 12.7  | 13.2  | 13.2  |
| 85°   | 8.2   | 8.2   | 7.7   | 7.3   | 7.7   | 7.7   | 7.3   | 7.7   | 7.3   | 7.7   | 7.3   |
| 87.5° | 3.2   | 2.7   | 2.7   | 2.7   | 2.3   | 2.7   | 2.3   | 2.3   | 2.7   | 2.3   | 2.7   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 529.7 | 529.7 | 529.7 | 529.7  | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°  | 571.9 | 569.2 | 567.3 | 566.0  | 564.6 | 568.7 | 563.3 | 557.4 | 553.3 | 550.6 | 549.7 |
| 5°    | 631.7 | 625.9 | 620.9 | 616.8  | 617.7 | 617.7 | 608.2 | 597.7 | 588.7 | 583.7 | 578.2 |
| 7.5°  | 701.1 | 694.8 | 684.8 | 682.5  | 680.7 | 669.4 | 659.9 | 640.8 | 629.5 | 618.1 | 608.2 |
| 10°   | 770.1 | 761.9 | 752.4 | 749.2  | 744.7 | 730.6 | 716.1 | 691.6 | 677.6 | 656.7 | 643.5 |
| 12.5° | 834.5 | 824.5 | 815.0 | 812.7  | 805.9 | 793.7 | 768.7 | 743.3 | 719.3 | 697.1 | 673.9 |
| 15°   | 888.4 | 885.7 | 871.2 | 862.1  | 847.2 | 830.4 | 824.9 | 790.5 | 760.1 | 737.0 | 695.2 |
| 17.5° | 933.8 | 921.1 | 907.5 | 901.6  | 895.7 | 876.2 | 856.7 | 821.3 | 788.7 | 754.7 | 727.9 |
| 20°   | 970.1 | 956.0 | 946.5 | 937.9  | 935.2 | 912.9 | 882.1 | 850.8 | 815.0 | 776.9 | 742.0 |
| 22.5° | 971.9 | 970.1 | 963.7 | 958.7  | 953.3 | 938.8 | 914.3 | 875.3 | 837.2 | 795.5 | 749.7 |
| 25°   | 934.2 | 931.5 | 949.7 | 945.1  | 948.8 | 943.3 | 930.2 | 897.5 | 853.1 | 804.1 | 757.8 |
| 27.5° | 820.9 | 848.5 | 877.1 | 887.1  | 893.9 | 913.4 | 919.7 | 901.6 | 865.8 | 813.6 | 761.9 |
| 30°   | 666.7 | 703.4 | 749.7 | 774.6  | 793.7 | 829.9 | 877.1 | 883.0 | 866.2 | 824.5 | 761.0 |
| 32.5° | 523.4 | 556.9 | 594.1 | 623.6  | 649.0 | 723.4 | 786.9 | 832.7 | 840.8 | 819.1 | 763.3 |
| 35°   | 421.8 | 436.3 | 471.7 | 499.8  | 534.2 | 597.7 | 672.6 | 746.5 | 796.4 | 799.1 | 756.5 |
| 37.5° | 347.8 | 355.6 | 386.4 | 402.3  | 422.7 | 478.5 | 548.3 | 644.9 | 722.5 | 759.2 | 737.4 |
| 40°   | 288.0 | 305.7 | 323.4 | 332.4  | 346.9 | 385.5 | 452.6 | 528.3 | 624.5 | 692.5 | 707.9 |
| 42.5° | 249.9 | 257.6 | 268.9 | 281.6  | 290.7 | 324.3 | 369.2 | 438.6 | 525.2 | 620.0 | 662.6 |
| 45°   | 220.4 | 223.1 | 234.9 | 243.1  | 252.6 | 276.2 | 307.9 | 366.0 | 442.2 | 535.6 | 608.2 |
| 47.5° | 195.9 | 201.4 | 207.7 | 212.7  | 219.0 | 237.2 | 264.4 | 306.6 | 373.7 | 457.1 | 535.1 |
| 50°   | 174.2 | 177.3 | 185.5 | 187.8  | 192.3 | 205.0 | 225.9 | 258.1 | 313.4 | 380.0 | 460.8 |
| 52.5° | 153.7 | 159.6 | 162.8 | 166.0  | 170.1 | 180.5 | 194.1 | 220.4 | 262.1 | 324.7 | 393.2 |
| 55°   | 137.9 | 139.7 | 144.2 | 146.9  | 150.1 | 157.4 | 169.2 | 188.7 | 221.3 | 271.2 | 336.1 |
| 57.5° | 122.4 | 122.4 | 127.0 | 129.3  | 132.4 | 137.9 | 148.3 | 163.3 | 186.8 | 224.0 | 283.4 |
| 60°   | 106.1 | 106.6 | 110.2 | 112.9  | 113.8 | 119.3 | 127.9 | 139.7 | 157.8 | 185.0 | 233.6 |
| 62.5° | 91.6  | 93.9  | 95.7  | 96.6   | 99.8  | 102.9 | 110.2 | 118.4 | 131.1 | 155.1 | 189.6 |
| 65°   | 79.4  | 79.8  | 81.2  | 82.1   | 83.4  | 87.1  | 92.5  | 98.0  | 108.8 | 126.5 | 154.6 |
| 67.5° | 65.3  | 67.1  | 68.9  | 68.9   | 70.3  | 72.1  | 77.6  | 82.1  | 90.2  | 100.7 | 119.7 |
| 70°   | 49.0  | 49.9  | 52.6  | 54.0   | 55.8  | 59.0  | 61.7  | 64.4  | 70.7  | 78.5  | 93.0  |
| 72.5° | 40.8  | 40.8  | 41.7  | 42.2   | 42.2  | 44.4  | 48.5  | 51.2  | 54.4  | 59.9  | 69.8  |
| 75°   | 32.7  | 32.7  | 34.0  | 33.6   | 34.5  | 35.4  | 35.8  | 37.6  | 39.5  | 43.5  | 49.4  |
| 77.5° | 25.9  | 26.3  | 26.3  | 26.8   | 26.8  | 27.2  | 27.7  | 28.6  | 29.5  | 31.7  | 34.5  |
| 80°   | 19.0  | 19.5  | 19.5  | 20.0   | 20.0  | 20.4  | 20.9  | 21.3  | 22.2  | 23.1  | 24.5  |
| 82.5° | 13.2  | 13.6  | 13.6  | 14.1   | 13.6  | 14.1  | 14.5  | 14.5  | 15.0  | 15.9  | 16.3  |
| 85°   | 7.7   | 7.7   | 8.2   | 7.7    | 7.7   | 7.7   | 8.2   | 8.2   | 8.6   | 10.0  | 10.0  |
| 87.5° | 2.3   | 2.7   | 2.3   | 2.7    | 2.7   | 2.7   | 2.7   | 3.2   | 3.2   | 3.6   | 4.1   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



TEST NUMBER: P994962

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**CANDELA DISTRIBUTION (continued):**

|       | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 529.7 | 529.7 | 529.7  | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°  | 548.3 | 546.0 | 543.8  | 543.8 | 538.8 | 534.2 | 532.0 | 532.9 | 530.2 | 526.5 | 522.9 |
| 5°    | 572.3 | 563.3 | 561.5  | 556.5 | 549.7 | 540.1 | 535.1 | 530.6 | 525.2 | 517.9 | 511.1 |
| 7.5°  | 594.6 | 582.8 | 576.4  | 571.4 | 558.3 | 545.1 | 534.2 | 527.0 | 517.5 | 506.6 | 498.4 |
| 10°   | 623.6 | 601.8 | 595.0  | 583.7 | 565.1 | 546.5 | 533.8 | 522.0 | 508.8 | 496.1 | 485.3 |
| 12.5° | 646.7 | 621.8 | 609.1  | 597.7 | 573.7 | 550.1 | 528.8 | 514.3 | 498.4 | 484.4 | 470.3 |
| 15°   | 673.0 | 644.9 | 622.7  | 609.1 | 578.7 | 550.1 | 526.1 | 505.7 | 488.0 | 470.7 | 458.5 |
| 17.5° | 685.7 | 650.3 | 640.4  | 620.9 | 576.9 | 548.3 | 518.8 | 497.1 | 475.7 | 455.8 | 441.3 |
| 20°   | 705.7 | 664.4 | 639.5  | 626.3 | 587.3 | 545.1 | 510.7 | 485.7 | 463.5 | 442.2 | 426.8 |
| 22.5° | 707.0 | 662.1 | 645.8  | 620.9 | 572.8 | 535.6 | 503.4 | 473.0 | 447.2 | 427.2 | 411.3 |
| 25°   | 703.9 | 658.1 | 635.4  | 615.4 | 575.5 | 530.2 | 488.9 | 459.0 | 433.6 | 410.4 | 391.8 |
| 27.5° | 702.5 | 646.3 | 624.9  | 605.0 | 560.1 | 514.3 | 480.3 | 446.3 | 417.2 | 396.8 | 377.8 |
| 30°   | 700.7 | 633.6 | 607.7  | 584.6 | 543.3 | 502.0 | 461.2 | 431.7 | 404.1 | 378.2 | 359.2 |
| 32.5° | 688.9 | 616.3 | 590.0  | 565.5 | 521.1 | 479.8 | 447.6 | 416.3 | 386.4 | 362.4 | 345.1 |
| 35°   | 685.3 | 600.5 | 566.0  | 539.7 | 496.1 | 459.4 | 425.4 | 399.5 | 371.4 | 347.4 | 327.0 |
| 37.5° | 674.8 | 584.1 | 546.9  | 513.4 | 468.0 | 433.1 | 408.2 | 382.3 | 355.1 | 329.3 | 312.9 |
| 40°   | 656.7 | 565.1 | 522.9  | 488.4 | 441.7 | 406.4 | 383.2 | 364.2 | 337.4 | 314.3 | 294.3 |
| 42.5° | 629.9 | 545.6 | 500.2  | 463.9 | 412.2 | 379.1 | 360.1 | 342.0 | 319.3 | 295.2 | 278.9 |
| 45°   | 599.1 | 519.7 | 477.6  | 437.2 | 384.6 | 352.4 | 332.4 | 321.5 | 300.7 | 280.3 | 261.2 |
| 47.5° | 556.9 | 493.0 | 451.2  | 409.5 | 356.0 | 324.7 | 308.8 | 298.0 | 283.4 | 261.2 | 245.8 |
| 50°   | 503.9 | 458.5 | 419.0  | 381.9 | 327.9 | 298.0 | 282.1 | 273.9 | 261.7 | 245.8 | 230.8 |
| 52.5° | 444.9 | 418.6 | 385.9  | 351.5 | 299.3 | 271.2 | 256.7 | 250.3 | 241.3 | 226.3 | 213.6 |
| 55°   | 385.5 | 374.2 | 351.9  | 317.9 | 269.4 | 246.3 | 233.6 | 225.4 | 218.6 | 207.7 | 196.8 |
| 57.5° | 332.4 | 327.0 | 311.6  | 285.3 | 244.4 | 220.4 | 209.5 | 204.1 | 198.6 | 190.5 | 179.6 |
| 60°   | 277.6 | 283.4 | 267.6  | 254.4 | 217.2 | 196.4 | 186.8 | 181.0 | 178.2 | 171.0 | 164.2 |
| 62.5° | 229.9 | 235.4 | 226.3  | 216.3 | 190.0 | 171.4 | 165.5 | 160.1 | 158.3 | 151.9 | 145.1 |
| 65°   | 186.8 | 193.7 | 186.8  | 181.4 | 165.5 | 150.1 | 142.9 | 140.1 | 138.3 | 134.2 | 128.8 |
| 67.5° | 148.8 | 155.6 | 152.4  | 145.6 | 140.6 | 127.9 | 123.8 | 121.1 | 120.2 | 117.0 | 112.5 |
| 70°   | 112.0 | 121.5 | 122.4  | 118.4 | 113.8 | 107.9 | 105.2 | 104.3 | 102.0 | 99.3  | 96.6  |
| 72.5° | 80.7  | 91.6  | 92.1   | 92.1  | 89.3  | 89.3  | 86.6  | 85.3  | 85.3  | 82.5  | 79.4  |
| 75°   | 59.4  | 66.7  | 67.6   | 68.5  | 69.8  | 71.2  | 69.4  | 69.4  | 68.9  | 66.2  | 64.9  |
| 77.5° | 39.5  | 45.8  | 48.1   | 51.2  | 53.1  | 53.1  | 54.0  | 54.9  | 54.0  | 52.6  | 51.7  |
| 80°   | 25.4  | 29.9  | 32.7   | 34.5  | 37.2  | 38.5  | 39.9  | 40.4  | 39.5  | 39.0  | 37.6  |
| 82.5° | 16.8  | 18.1  | 19.5   | 21.8  | 24.9  | 27.2  | 27.2  | 26.8  | 27.7  | 27.2  | 26.8  |
| 85°   | 9.5   | 10.4  | 10.9   | 11.3  | 13.2  | 15.4  | 15.9  | 16.3  | 17.2  | 16.3  | 15.4  |
| 87.5° | 3.6   | 4.1   | 4.1    | 4.1   | 5.0   | 5.4   | 6.8   | 8.6   | 8.2   | 7.3   | 7.3   |
| 90°   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

TEST NUMBER: P994962

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**CANDELA DISTRIBUTION (continued):**

|       | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 529.7 | 529.7  | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°  | 522.9 | 520.6  | 519.7 | 517.5 | 512.0 | 508.4 | 504.3 | 501.6 | 502.0 | 499.8 | 501.1 |
| 5°    | 506.6 | 506.1  | 502.9 | 498.4 | 490.7 | 486.6 | 479.4 | 475.7 | 473.9 | 474.4 | 471.7 |
| 7.5°  | 493.0 | 488.9  | 486.6 | 479.4 | 472.1 | 463.5 | 457.6 | 454.4 | 451.7 | 449.0 | 447.2 |
| 10°   | 477.6 | 473.9  | 470.3 | 462.6 | 452.6 | 444.4 | 436.3 | 433.1 | 429.0 | 427.2 | 425.9 |
| 12.5° | 461.2 | 459.0  | 454.4 | 445.4 | 434.0 | 426.3 | 416.8 | 415.0 | 409.5 | 405.9 | 405.0 |
| 15°   | 446.3 | 444.9  | 436.7 | 426.3 | 415.0 | 407.3 | 399.1 | 393.7 | 384.6 | 386.4 | 383.2 |
| 17.5° | 430.4 | 424.5  | 419.5 | 405.4 | 400.0 | 388.2 | 378.7 | 376.0 | 369.6 | 365.5 | 361.5 |
| 20°   | 412.7 | 409.1  | 402.7 | 393.7 | 380.5 | 366.9 | 359.6 | 355.1 | 351.5 | 345.1 | 343.3 |
| 22.5° | 395.9 | 391.4  | 385.9 | 374.2 | 362.8 | 351.5 | 341.5 | 337.4 | 332.9 | 328.3 | 325.6 |
| 25°   | 382.8 | 376.0  | 370.1 | 355.6 | 344.2 | 334.7 | 328.3 | 321.5 | 315.2 | 312.5 | 311.6 |
| 27.5° | 362.4 | 358.3  | 352.4 | 338.8 | 328.3 | 317.9 | 312.0 | 307.5 | 300.7 | 297.5 | 294.8 |
| 30°   | 349.2 | 341.0  | 334.2 | 323.4 | 312.9 | 301.6 | 296.1 | 290.7 | 286.6 | 282.5 | 279.4 |
| 32.5° | 331.5 | 325.2  | 319.7 | 308.8 | 298.4 | 288.0 | 282.1 | 273.9 | 271.7 | 268.5 | 264.9 |
| 35°   | 314.3 | 310.2  | 304.3 | 292.5 | 281.2 | 273.9 | 267.6 | 259.9 | 257.1 | 254.9 | 251.7 |
| 37.5° | 298.0 | 292.1  | 288.0 | 276.6 | 266.7 | 258.1 | 253.1 | 246.7 | 244.9 | 242.2 | 239.9 |
| 40°   | 283.9 | 278.0  | 273.9 | 262.6 | 252.2 | 243.1 | 239.9 | 233.6 | 230.8 | 227.7 | 226.3 |
| 42.5° | 268.0 | 263.0  | 257.6 | 249.4 | 238.5 | 229.5 | 223.1 | 219.5 | 215.9 | 214.5 | 211.8 |
| 45°   | 251.2 | 246.7  | 242.6 | 233.6 | 222.2 | 215.9 | 210.4 | 205.4 | 202.7 | 200.5 | 198.6 |
| 47.5° | 236.7 | 232.7  | 227.2 | 217.2 | 208.2 | 202.3 | 196.8 | 191.8 | 189.1 | 186.4 | 184.1 |
| 50°   | 220.0 | 217.7  | 211.8 | 202.3 | 193.7 | 186.8 | 181.9 | 177.3 | 175.5 | 172.3 | 168.7 |
| 52.5° | 205.0 | 200.9  | 195.9 | 188.2 | 180.5 | 172.3 | 165.5 | 162.8 | 159.6 | 157.8 | 154.6 |
| 55°   | 187.3 | 184.6  | 179.1 | 172.3 | 164.2 | 157.4 | 152.4 | 148.8 | 144.7 | 142.9 | 138.8 |
| 57.5° | 172.3 | 167.3  | 164.6 | 156.0 | 148.3 | 141.5 | 137.9 | 134.2 | 129.7 | 127.0 | 125.2 |
| 60°   | 156.0 | 151.5  | 147.4 | 140.1 | 134.7 | 127.4 | 122.0 | 118.8 | 115.6 | 112.0 | 110.2 |
| 62.5° | 140.1 | 136.5  | 131.5 | 125.6 | 118.8 | 112.9 | 108.8 | 104.3 | 102.5 | 98.9  | 97.5  |
| 65°   | 122.9 | 120.2  | 116.1 | 109.3 | 103.9 | 98.9  | 94.8  | 91.2  | 89.3  | 88.0  | 87.1  |
| 67.5° | 107.5 | 103.9  | 101.1 | 95.2  | 89.3  | 85.3  | 83.0  | 80.7  | 78.5  | 77.1  | 75.7  |
| 70°   | 91.6  | 88.9   | 86.2  | 80.7  | 76.6  | 73.0  | 71.2  | 69.4  | 68.0  | 66.7  | 65.3  |
| 72.5° | 75.3  | 73.9   | 71.2  | 67.6  | 64.4  | 61.7  | 60.3  | 58.1  | 56.7  | 54.4  | 53.5  |
| 75°   | 62.1  | 59.9   | 58.5  | 55.3  | 52.6  | 50.3  | 48.5  | 45.8  | 44.0  | 43.1  | 42.6  |
| 77.5° | 49.0  | 48.1   | 46.3  | 43.5  | 42.2  | 39.9  | 37.2  | 36.3  | 35.4  | 35.4  | 34.9  |
| 80°   | 36.7  | 35.4   | 34.0  | 31.7  | 30.4  | 28.6  | 28.6  | 28.6  | 28.1  | 28.6  | 28.1  |
| 82.5° | 24.9  | 24.0   | 23.1  | 21.8  | 21.3  | 21.3  | 21.8  | 21.8  | 21.8  | 21.8  | 21.8  |
| 85°   | 14.5  | 14.5   | 14.5  | 15.0  | 14.5  | 14.5  | 15.0  | 15.4  | 15.0  | 15.0  | 14.5  |
| 87.5° | 6.8   | 6.8    | 7.3   | 7.3   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 8.2   |
| 90°   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

TEST NUMBER: P994962

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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°    | 529.7  | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7  |
| 2.5°  | 500.7  | 501.1 | 499.8 | 497.1 | 496.6 | 497.5 | 500.2 | 499.3 | 497.1 | 501.1 | 497.5  |
| 5°    | 473.0  | 470.7 | 469.8 | 470.7 | 468.0 | 466.7 | 469.4 | 468.0 | 469.4 | 469.8 | 471.2  |
| 7.5°  | 446.3  | 446.7 | 444.0 | 444.4 | 440.8 | 441.7 | 441.7 | 441.7 | 443.1 | 444.0 | 445.8  |
| 10°   | 423.1  | 424.0 | 420.9 | 421.3 | 418.6 | 416.8 | 418.1 | 420.9 | 420.9 | 420.9 | 421.8  |
| 12.5° | 404.5  | 400.5 | 398.2 | 397.7 | 394.6 | 393.7 | 396.4 | 397.3 | 399.5 | 399.5 | 400.9  |
| 15°   | 381.4  | 380.5 | 378.7 | 378.7 | 371.0 | 372.8 | 373.7 | 376.9 | 381.4 | 377.8 | 378.7  |
| 17.5° | 360.5  | 358.3 | 356.0 | 355.1 | 354.2 | 351.5 | 355.1 | 354.6 | 357.4 | 357.8 | 359.2  |
| 20°   | 342.0  | 340.1 | 335.6 | 336.1 | 337.0 | 332.9 | 335.1 | 335.1 | 337.9 | 340.6 | 343.8  |
| 22.5° | 323.8  | 322.0 | 319.7 | 320.6 | 317.9 | 317.0 | 317.0 | 319.3 | 322.5 | 324.7 | 324.3  |
| 25°   | 309.8  | 306.6 | 305.2 | 303.9 | 302.5 | 303.4 | 302.0 | 304.3 | 306.6 | 307.9 | 306.6  |
| 27.5° | 293.9  | 292.5 | 289.8 | 288.4 | 286.2 | 287.1 | 288.0 | 289.8 | 291.2 | 291.2 | 292.5  |
| 30°   | 278.5  | 276.6 | 275.7 | 274.4 | 274.4 | 272.6 | 273.0 | 274.8 | 276.2 | 277.6 | 279.4  |
| 32.5° | 263.5  | 262.1 | 260.8 | 260.8 | 259.9 | 259.4 | 259.0 | 261.7 | 261.7 | 264.4 | 264.4  |
| 35°   | 251.2  | 249.0 | 249.0 | 246.7 | 247.6 | 247.2 | 246.3 | 248.1 | 248.5 | 250.3 | 249.9  |
| 37.5° | 237.6  | 237.6 | 236.7 | 234.5 | 232.7 | 233.1 | 235.4 | 235.4 | 236.7 | 236.3 | 237.6  |
| 40°   | 224.0  | 223.1 | 223.1 | 221.8 | 221.3 | 220.9 | 221.3 | 221.8 | 224.0 | 223.6 | 224.0  |
| 42.5° | 210.4  | 210.9 | 208.6 | 208.6 | 208.6 | 207.3 | 207.7 | 208.2 | 209.1 | 210.0 | 211.3  |
| 45°   | 197.3  | 196.4 | 195.9 | 195.0 | 194.1 | 194.6 | 194.1 | 195.9 | 195.5 | 196.4 | 197.7  |
| 47.5° | 183.2  | 181.9 | 181.4 | 179.6 | 179.6 | 180.5 | 180.0 | 181.4 | 181.9 | 183.2 | 182.3  |
| 50°   | 169.6  | 167.8 | 166.4 | 166.9 | 164.2 | 165.1 | 165.1 | 166.4 | 167.8 | 168.3 | 169.2  |
| 52.5° | 153.7  | 153.3 | 152.8 | 150.6 | 150.1 | 149.7 | 150.1 | 150.6 | 152.4 | 153.7 | 154.2  |
| 55°   | 138.3  | 137.9 | 135.1 | 134.2 | 132.9 | 132.9 | 133.8 | 134.2 | 137.4 | 137.9 | 139.7  |
| 57.5° | 124.3  | 122.9 | 119.7 | 119.3 | 119.3 | 119.3 | 117.9 | 119.7 | 120.6 | 122.9 | 122.9  |
| 60°   | 108.8  | 108.8 | 106.1 | 106.1 | 106.6 | 106.1 | 106.1 | 106.6 | 106.6 | 108.4 | 109.3  |
| 62.5° | 96.6   | 96.1  | 96.1  | 95.2  | 94.8  | 95.2  | 94.8  | 94.8  | 95.2  | 96.6  | 98.0   |
| 65°   | 85.7   | 85.3  | 84.8  | 84.4  | 83.4  | 83.4  | 83.9  | 84.8  | 84.8  | 85.7  | 86.2   |
| 67.5° | 75.3   | 75.3  | 74.4  | 74.4  | 73.9  | 73.5  | 73.9  | 73.5  | 75.3  | 75.3  | 75.7   |
| 70°   | 64.9   | 64.4  | 63.0  | 62.6  | 61.2  | 61.7  | 61.7  | 63.0  | 63.5  | 64.4  | 65.3   |
| 72.5° | 52.2   | 52.2  | 51.2  | 50.3  | 50.8  | 49.9  | 49.9  | 50.3  | 50.3  | 51.7  | 52.2   |
| 75°   | 43.1   | 42.2  | 41.7  | 42.2  | 41.7  | 42.6  | 41.7  | 41.7  | 42.6  | 42.6  | 42.6   |
| 77.5° | 35.4   | 35.4  | 34.9  | 34.9  | 35.4  | 34.9  | 35.4  | 35.4  | 35.4  | 34.9  | 35.4   |
| 80°   | 29.0   | 28.6  | 28.6  | 28.6  | 28.1  | 28.1  | 28.1  | 28.1  | 28.1  | 28.1  | 28.1   |
| 82.5° | 21.8   | 21.8  | 21.3  | 21.8  | 21.8  | 21.3  | 21.8  | 21.3  | 21.3  | 21.8  | 21.8   |
| 85°   | 14.5   | 15.4  | 14.5  | 14.5  | 15.0  | 15.0  | 15.4  | 15.0  | 15.4  | 14.5  | 15.0   |
| 87.5° | 7.7    | 8.2   | 8.2   | 7.7   | 7.7   | 8.2   | 8.2   | 8.2   | 8.6   | 7.7   | 8.2    |
| 90°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°    | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7  | 529.7 |
| 2.5°  | 501.1 | 502.9 | 501.1 | 497.5 | 501.1 | 503.4 | 505.7 | 509.3 | 511.1 | 511.1  | 513.8 |
| 5°    | 472.6 | 476.2 | 474.8 | 473.9 | 477.6 | 479.8 | 483.4 | 488.0 | 493.0 | 496.1  | 499.8 |
| 7.5°  | 447.2 | 449.4 | 451.7 | 451.7 | 455.3 | 460.3 | 465.8 | 471.2 | 477.6 | 482.1  | 484.8 |
| 10°   | 424.9 | 426.8 | 428.1 | 429.9 | 435.4 | 440.8 | 448.1 | 454.9 | 460.3 | 465.3  | 469.8 |
| 12.5° | 403.6 | 406.4 | 409.5 | 410.9 | 415.0 | 421.8 | 428.6 | 436.7 | 445.4 | 450.3  | 454.9 |
| 15°   | 383.2 | 384.6 | 388.2 | 392.3 | 395.9 | 403.2 | 411.8 | 420.4 | 427.7 | 435.4  | 439.5 |
| 17.5° | 362.4 | 362.8 | 372.3 | 370.1 | 381.9 | 388.7 | 393.2 | 401.4 | 413.2 | 419.5  | 425.9 |
| 20°   | 342.0 | 346.5 | 350.6 | 352.8 | 359.2 | 366.9 | 380.0 | 386.4 | 395.9 | 401.8  | 407.3 |
| 22.5° | 326.1 | 332.9 | 332.9 | 338.3 | 341.5 | 348.8 | 358.3 | 370.5 | 381.0 | 385.0  | 392.7 |
| 25°   | 312.0 | 315.2 | 320.6 | 322.5 | 328.3 | 334.7 | 341.0 | 354.2 | 365.5 | 371.0  | 376.4 |
| 27.5° | 293.9 | 298.0 | 305.2 | 305.2 | 312.9 | 319.7 | 327.4 | 336.1 | 347.4 | 355.1  | 361.0 |
| 30°   | 279.8 | 283.9 | 287.1 | 292.1 | 295.2 | 301.6 | 315.2 | 321.5 | 331.5 | 338.3  | 345.6 |
| 32.5° | 266.7 | 269.8 | 272.6 | 278.0 | 281.6 | 288.9 | 296.1 | 307.5 | 316.1 | 322.5  | 330.2 |
| 35°   | 252.2 | 255.3 | 259.0 | 263.0 | 268.5 | 275.3 | 282.1 | 291.6 | 300.2 | 306.1  | 312.5 |
| 37.5° | 238.5 | 240.8 | 246.3 | 249.0 | 253.5 | 259.9 | 268.5 | 278.5 | 286.2 | 290.7  | 297.1 |
| 40°   | 225.4 | 227.2 | 231.3 | 236.3 | 239.5 | 244.4 | 253.5 | 262.1 | 271.7 | 277.1  | 282.1 |
| 42.5° | 211.3 | 213.6 | 217.2 | 222.2 | 227.2 | 232.7 | 237.6 | 247.6 | 256.2 | 260.8  | 266.2 |
| 45°   | 199.1 | 200.5 | 203.2 | 208.2 | 213.2 | 217.2 | 224.9 | 234.0 | 242.2 | 245.8  | 251.7 |
| 47.5° | 184.6 | 185.9 | 190.0 | 192.3 | 197.7 | 203.2 | 210.9 | 220.0 | 227.2 | 230.8  | 236.3 |
| 50°   | 169.6 | 171.0 | 173.7 | 178.7 | 182.3 | 188.2 | 195.0 | 202.7 | 211.8 | 216.8  | 220.0 |
| 52.5° | 155.1 | 157.8 | 160.1 | 164.2 | 168.7 | 174.6 | 181.0 | 188.2 | 195.9 | 200.9  | 204.5 |
| 55°   | 140.6 | 142.9 | 145.6 | 147.8 | 153.3 | 158.7 | 166.0 | 172.8 | 179.6 | 184.1  | 188.2 |
| 57.5° | 124.3 | 127.4 | 130.2 | 134.7 | 138.8 | 143.3 | 151.5 | 156.9 | 165.1 | 168.3  | 171.9 |
| 60°   | 110.2 | 113.4 | 115.6 | 119.3 | 122.9 | 128.8 | 134.2 | 141.0 | 147.8 | 151.9  | 156.5 |
| 62.5° | 98.4  | 99.8  | 101.1 | 104.8 | 108.4 | 113.8 | 119.3 | 126.1 | 133.3 | 135.6  | 139.2 |
| 65°   | 86.6  | 88.0  | 90.2  | 93.4  | 96.1  | 99.3  | 105.2 | 110.7 | 117.5 | 121.1  | 122.4 |
| 67.5° | 76.6  | 78.0  | 78.5  | 80.7  | 83.0  | 86.6  | 89.8  | 95.2  | 101.6 | 103.9  | 106.6 |
| 70°   | 65.3  | 67.6  | 68.0  | 69.8  | 70.7  | 73.0  | 76.6  | 80.7  | 85.7  | 89.8   | 92.1  |
| 72.5° | 52.2  | 55.3  | 56.2  | 59.0  | 60.3  | 62.6  | 65.3  | 68.5  | 71.7  | 73.5   | 75.3  |
| 75°   | 42.6  | 43.5  | 44.0  | 46.3  | 48.5  | 51.7  | 53.1  | 54.9  | 57.6  | 59.9   | 61.7  |
| 77.5° | 35.4  | 35.8  | 36.3  | 36.3  | 36.7  | 38.5  | 41.3  | 43.5  | 45.4  | 46.3   | 47.6  |
| 80°   | 28.6  | 28.1  | 28.1  | 28.6  | 28.6  | 28.6  | 29.5  | 32.7  | 33.6  | 35.8   | 35.4  |
| 82.5° | 22.2  | 21.3  | 21.8  | 21.3  | 21.3  | 21.3  | 21.3  | 21.8  | 21.8  | 23.1   | 24.0  |
| 85°   | 14.5  | 15.0  | 14.5  | 14.5  | 14.1  | 14.5  | 14.1  | 14.1  | 13.6  | 13.6   | 13.2  |
| 87.5° | 7.7   | 8.2   | 7.7   | 7.7   | 7.3   | 7.7   | 7.3   | 7.3   | 6.8   | 6.8    | 5.9   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|
| 0°    | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°  | 516.1 | 519.3 | 525.6 | 531.1 |
| 5°    | 505.2 | 510.2 | 519.7 | 529.3 |
| 7.5°  | 492.1 | 499.8 | 512.0 | 525.2 |
| 10°   | 479.4 | 489.3 | 504.3 | 519.7 |
| 12.5° | 466.7 | 477.1 | 493.0 | 512.9 |
| 15°   | 451.7 | 462.6 | 481.6 | 505.7 |
| 17.5° | 438.6 | 453.1 | 470.3 | 494.3 |
| 20°   | 424.5 | 435.4 | 457.6 | 483.0 |
| 22.5° | 406.8 | 424.9 | 445.8 | 472.6 |
| 25°   | 392.7 | 408.6 | 429.5 | 459.9 |
| 27.5° | 375.5 | 394.1 | 419.5 | 446.3 |
| 30°   | 361.5 | 376.9 | 400.5 | 432.7 |
| 32.5° | 345.1 | 363.3 | 387.8 | 419.5 |
| 35°   | 330.6 | 346.0 | 369.2 | 401.4 |
| 37.5° | 313.4 | 330.2 | 356.0 | 384.6 |
| 40°   | 298.4 | 314.7 | 339.2 | 366.0 |
| 42.5° | 280.3 | 297.5 | 322.0 | 344.7 |
| 45°   | 265.8 | 281.6 | 301.1 | 322.0 |
| 47.5° | 248.1 | 264.9 | 283.9 | 298.4 |
| 50°   | 232.2 | 247.6 | 262.6 | 274.8 |
| 52.5° | 215.0 | 229.0 | 242.6 | 251.7 |
| 55°   | 199.1 | 210.0 | 220.9 | 227.2 |
| 57.5° | 180.5 | 190.9 | 200.0 | 203.6 |
| 60°   | 164.2 | 172.8 | 178.7 | 182.8 |
| 62.5° | 146.9 | 153.3 | 157.8 | 160.1 |
| 65°   | 130.2 | 134.7 | 137.0 | 139.2 |
| 67.5° | 112.9 | 117.0 | 118.4 | 121.1 |
| 70°   | 94.8  | 99.3  | 100.2 | 101.6 |
| 72.5° | 81.2  | 81.2  | 83.0  | 84.8  |
| 75°   | 64.9  | 65.8  | 66.7  | 66.7  |
| 77.5° | 50.8  | 50.8  | 51.7  | 52.2  |
| 80°   | 37.2  | 37.6  | 37.6  | 37.2  |
| 82.5° | 25.4  | 26.3  | 25.4  | 24.9  |
| 85°   | 14.1  | 15.9  | 15.0  | 15.0  |
| 87.5° | 5.9   | 5.9   | 6.8   | 5.9   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)