

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: P996732

Luminaire Tested: S124RDRP-B350DB2750-4F0-XX-W2A-A\_5000K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P996732  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDRP-B350DB2750-4F0-XX-W2A-A\_5000K  
Description: Define 4 Regressed Direct Perimeter with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

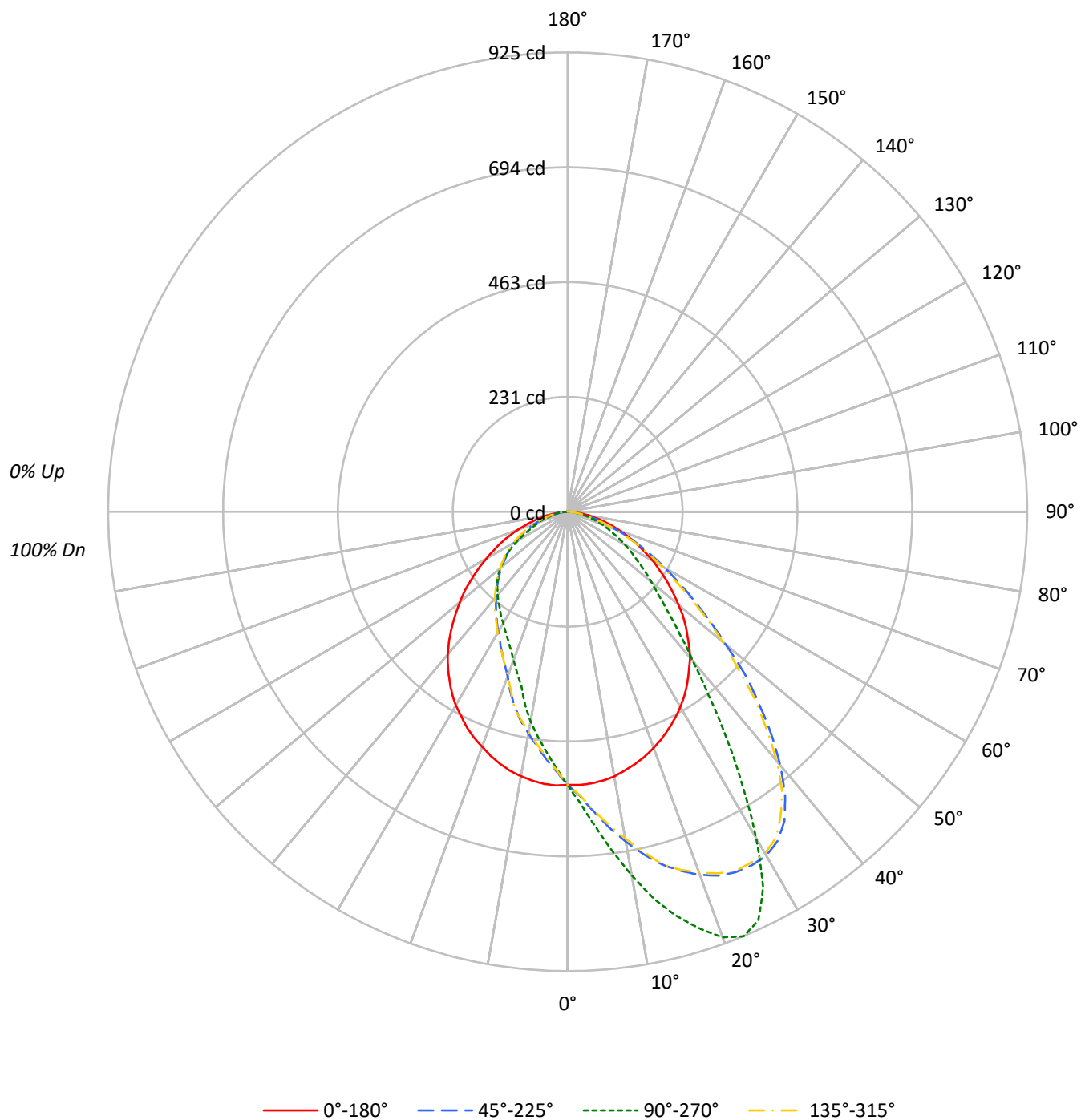
Lumens per Lamp: N/A  
Luminaire Lumens: 1390.0 lumens  
Efficiency: N/A  
Efficacy: 106.9 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular (W 0.33' x L: 4' x H: 0')  
CIE Type: Direct

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: P996732

CATALOG NUMBER: S124RDRP-B350DB2750-4F0-XX-W2A-A\_5000K

### Luminous Intensity Polar Plot



TEST NUMBER: P996732

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |    |    |
| 2   | 101 | 93  | 87  | 82  | 98  | 92  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 79  | 76  | 74  |    |    |
| 3   | 93  | 83  | 76  | 70  | 90  | 81  | 75  | 69  | 79  | 73  | 68  | 76  | 71  | 67  | 73  | 69  | 65  | 63  |    |    |
| 4   | 85  | 74  | 66  | 60  | 83  | 73  | 65  | 59  | 71  | 64  | 59  | 68  | 63  | 58  | 66  | 61  | 57  | 55  |    |    |
| 5   | 79  | 67  | 58  | 52  | 77  | 66  | 58  | 52  | 64  | 57  | 51  | 62  | 56  | 51  | 60  | 55  | 50  | 48  |    |    |
| 6   | 73  | 61  | 52  | 46  | 71  | 60  | 52  | 46  | 58  | 51  | 46  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |    |    |
| 7   | 68  | 55  | 47  | 41  | 66  | 54  | 47  | 41  | 53  | 46  | 41  | 52  | 45  | 40  | 50  | 44  | 40  | 38  |    |    |
| 8   | 64  | 51  | 42  | 37  | 62  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 36  | 46  | 40  | 36  | 34  |    |    |
| 9   | 59  | 47  | 39  | 33  | 58  | 46  | 38  | 33  | 45  | 38  | 33  | 44  | 38  | 33  | 43  | 37  | 33  | 31  |    |    |
| 10  | 56  | 43  | 35  | 30  | 55  | 43  | 35  | 30  | 42  | 35  | 30  | 41  | 34  | 30  | 40  | 34  | 30  | 28  |    |    |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4484 | 4484 | 4484 | 4484 |
| 5°  | 4494 | 5201 | 4501 | 3975 |
| 10° | 4480 | 6153 | 4476 | 3548 |
| 15° | 4436 | 7107 | 4436 | 3048 |
| 20° | 4391 | 7913 | 4368 | 2757 |
| 25° | 4333 | 8169 | 4313 | 2560 |
| 30° | 4272 | 7150 | 4239 | 2441 |
| 35° | 4181 | 5567 | 4128 | 2368 |
| 40° | 4080 | 4174 | 3999 | 2330 |
| 45° | 3904 | 3296 | 3807 | 2310 |
| 50° | 3693 | 2782 | 3591 | 2243 |
| 55° | 3465 | 2425 | 3351 | 2123 |
| 60° | 3237 | 2182 | 3092 | 1879 |
| 65° | 2950 | 1924 | 2856 | 1615 |
| 70° | 2694 | 1733 | 2568 | 1457 |
| 75° | 2417 | 1452 | 2246 | 1241 |
| 80° | 2080 | 1226 | 1892 | 1165 |
| 85° | 1703 | 1039 | 1413 | 1039 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 6704 cd/sqm

TEST NUMBER: P996732

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 53.2   | 3.8       |
| 10°-20°   | 160.8  | 11.6      |
| 20°-30°   | 251.9  | 18.1      |
| 30°-40°   | 279.7  | 20.1      |
| 40°-50°   | 247.8  | 17.8      |
| 50°-60°   | 193.1  | 13.9      |
| 60°-70°   | 126.3  | 9.1       |
| 70°-80°   | 62.0   | 4.5       |
| 80°-90°   | 15.1   | 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       |
| 0°-30°    | 465.9  | 33.5      |
| 0°-40°    | 745.6  | 53.6      |
| 0°-60°    | 1186.6 | 85.4      |
| 0°-90°    | 1390.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1390.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 550 | 550 | 550  | 550  | 550  |      |
| 5°  | 549 | 635 | 550  | 486  | 549  | 52   |
| 15° | 526 | 842 | 526  | 361  | 526  | 148  |
| 25° | 482 | 908 | 479  | 284  | 482  | 222  |
| 35° | 420 | 559 | 415  | 238  | 420  | 263  |
| 45° | 338 | 286 | 330  | 200  | 338  | 261  |
| 55° | 244 | 171 | 236  | 149  | 244  | 218  |
| 65° | 153 | 100 | 148  | 84   | 153  | 152  |
| 75° | 77  | 46  | 71   | 39   | 77   | 81   |
| 85° | 18  | 11  | 15   | 11   | 18   | 22   |
| 90° | 0   | 0   | 0    | 0    | 0    |      |

TEST NUMBER: P996732

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 |
| 2.5°  | 550.8 | 555.6 | 558.3 | 560.5 | 564.9 | 566.7 | 570.2 | 571.1 | 574.7 | 574.2 | 572.9 |
| 5°    | 549.0 | 557.4 | 563.6 | 570.2 | 578.2 | 582.7 | 587.5 | 594.6 | 598.2 | 603.0 | 606.1 |
| 7.5°  | 545.9 | 557.4 | 567.6 | 577.8 | 590.6 | 597.7 | 603.9 | 615.0 | 624.3 | 632.3 | 641.1 |
| 10°   | 541.0 | 555.6 | 570.7 | 584.4 | 602.2 | 610.6 | 619.9 | 636.3 | 649.1 | 660.2 | 674.4 |
| 12.5° | 533.5 | 553.9 | 570.7 | 589.3 | 611.9 | 623.4 | 635.8 | 655.3 | 670.4 | 688.6 | 706.3 |
| 15°   | 525.5 | 548.1 | 570.2 | 594.6 | 620.3 | 633.6 | 646.0 | 672.2 | 695.2 | 716.0 | 735.5 |
| 17.5° | 516.6 | 541.4 | 565.8 | 592.8 | 623.9 | 640.3 | 654.9 | 686.3 | 711.6 | 738.6 | 758.1 |
| 20°   | 506.0 | 533.0 | 560.9 | 591.1 | 626.1 | 644.2 | 660.6 | 696.5 | 724.4 | 753.7 | 778.1 |
| 22.5° | 494.5 | 523.7 | 554.3 | 587.1 | 623.4 | 643.4 | 662.4 | 701.0 | 733.3 | 760.3 | 793.1 |
| 25°   | 481.6 | 512.6 | 544.1 | 578.7 | 619.4 | 641.1 | 660.6 | 698.7 | 733.3 | 768.8 | 800.7 |
| 27.5° | 468.3 | 500.2 | 533.0 | 569.4 | 611.0 | 632.3 | 654.4 | 691.2 | 731.5 | 770.1 | 802.4 |
| 30°   | 453.7 | 484.7 | 519.3 | 553.9 | 598.2 | 619.4 | 642.0 | 681.9 | 725.8 | 764.3 | 799.3 |
| 32.5° | 437.8 | 469.7 | 502.5 | 538.3 | 581.8 | 604.8 | 625.6 | 670.8 | 715.6 | 753.7 | 786.5 |
| 35°   | 420.0 | 450.2 | 481.2 | 518.0 | 560.9 | 581.8 | 606.6 | 653.5 | 698.7 | 739.1 | 760.3 |
| 37.5° | 401.0 | 429.8 | 458.6 | 494.9 | 536.1 | 561.4 | 585.8 | 633.2 | 681.0 | 708.0 | 719.1 |
| 40°   | 383.3 | 408.5 | 433.8 | 468.8 | 510.4 | 536.6 | 561.4 | 610.6 | 652.7 | 673.5 | 665.1 |
| 42.5° | 360.7 | 386.8 | 409.4 | 441.8 | 483.8 | 508.2 | 533.5 | 584.4 | 618.5 | 627.0 | 606.1 |
| 45°   | 338.5 | 360.2 | 381.9 | 413.4 | 457.7 | 478.5 | 505.6 | 553.0 | 581.3 | 573.8 | 543.2 |
| 47.5° | 316.8 | 334.5 | 354.9 | 385.5 | 425.4 | 450.2 | 475.4 | 516.6 | 536.6 | 525.9 | 483.4 |
| 50°   | 291.1 | 308.8 | 330.1 | 356.7 | 395.2 | 419.2 | 439.1 | 477.2 | 492.3 | 466.1 | 414.7 |
| 52.5° | 266.7 | 282.2 | 300.4 | 325.2 | 362.0 | 383.7 | 405.4 | 438.2 | 443.1 | 413.0 | 358.9 |
| 55°   | 243.7 | 256.1 | 275.2 | 295.1 | 328.8 | 351.8 | 366.9 | 394.8 | 393.5 | 355.8 | 309.3 |
| 57.5° | 219.8 | 231.3 | 244.1 | 265.0 | 296.9 | 314.1 | 330.5 | 354.9 | 342.1 | 310.2 | 264.1 |
| 60°   | 198.5 | 205.1 | 218.0 | 237.9 | 265.0 | 280.0 | 292.9 | 306.2 | 295.1 | 260.5 | 225.1 |
| 62.5° | 175.0 | 182.6 | 191.9 | 207.8 | 231.7 | 245.9 | 255.2 | 261.0 | 249.5 | 222.9 | 190.5 |
| 65°   | 152.9 | 159.5 | 169.3 | 183.4 | 201.6 | 212.2 | 217.1 | 221.1 | 214.9 | 184.8 | 159.1 |
| 67.5° | 132.9 | 137.4 | 146.2 | 155.5 | 175.0 | 177.7 | 184.3 | 186.1 | 173.7 | 150.6 | 130.3 |
| 70°   | 113.0 | 117.4 | 121.4 | 132.5 | 141.3 | 146.2 | 147.5 | 147.5 | 135.1 | 120.1 | 103.2 |
| 72.5° | 94.4  | 97.0  | 101.0 | 108.6 | 113.4 | 117.0 | 118.7 | 116.5 | 105.0 | 92.6  | 80.2  |
| 75°   | 76.7  | 78.0  | 81.5  | 86.4  | 90.4  | 89.1  | 88.6  | 86.0  | 77.5  | 68.7  | 61.6  |
| 77.5° | 58.9  | 59.8  | 63.8  | 65.1  | 65.1  | 66.5  | 64.7  | 62.0  | 54.9  | 48.3  | 45.2  |
| 80°   | 44.3  | 45.6  | 46.1  | 47.0  | 46.1  | 46.1  | 44.8  | 40.3  | 36.8  | 33.7  | 31.5  |
| 82.5° | 30.6  | 31.5  | 31.9  | 30.6  | 31.5  | 30.1  | 27.9  | 24.8  | 22.6  | 22.2  | 21.3  |
| 85°   | 18.2  | 18.6  | 18.2  | 18.2  | 16.8  | 16.4  | 14.6  | 14.2  | 13.3  | 13.3  | 12.8  |
| 87.5° | 8.9   | 8.4   | 7.5   | 6.6   | 6.6   | 6.2   | 6.6   | 5.8   | 6.6   | 6.2   | 5.8   |
| 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°    | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 |
| 2.5°  | 576.5 | 581.3 | 581.8 | 586.2 | 584.9 | 582.7 | 586.6 | 584.0 | 589.3 | 587.5 | 589.7 |
| 5°    | 610.1 | 616.8 | 622.5 | 626.1 | 632.3 | 631.0 | 637.6 | 635.4 | 640.3 | 635.4 | 641.6 |
| 7.5°  | 649.6 | 660.6 | 666.4 | 675.7 | 678.4 | 678.8 | 686.8 | 688.6 | 691.7 | 688.6 | 692.1 |
| 10°   | 688.1 | 701.4 | 714.7 | 722.2 | 727.1 | 733.7 | 740.8 | 743.9 | 746.2 | 743.1 | 745.3 |
| 12.5° | 723.1 | 743.9 | 758.6 | 773.6 | 777.2 | 782.9 | 790.5 | 789.6 | 798.4 | 796.7 | 800.7 |
| 15°   | 755.5 | 778.5 | 796.2 | 808.2 | 817.9 | 822.8 | 837.0 | 837.9 | 837.4 | 841.9 | 839.2 |
| 17.5° | 784.3 | 803.8 | 829.0 | 844.5 | 856.5 | 856.5 | 864.5 | 880.9 | 879.5 | 879.1 | 881.7 |
| 20°   | 807.7 | 829.9 | 853.4 | 879.5 | 889.3 | 891.0 | 902.1 | 910.5 | 911.9 | 911.9 | 911.9 |
| 22.5° | 825.5 | 851.6 | 876.9 | 895.5 | 903.0 | 909.2 | 919.0 | 924.3 | 926.0 | 925.2 | 926.0 |
| 25°   | 834.3 | 859.1 | 884.8 | 901.7 | 906.1 | 909.7 | 910.5 | 913.6 | 913.2 | 907.9 | 911.0 |
| 27.5° | 836.1 | 860.0 | 876.9 | 881.3 | 879.1 | 876.9 | 862.7 | 864.0 | 860.0 | 852.1 | 855.2 |
| 30°   | 828.1 | 841.0 | 840.5 | 826.8 | 822.8 | 813.5 | 800.7 | 781.6 | 766.1 | 759.4 | 761.7 |
| 32.5° | 799.3 | 799.3 | 783.4 | 752.4 | 738.6 | 721.8 | 698.7 | 681.5 | 661.1 | 656.7 | 665.1 |
| 35°   | 759.4 | 736.8 | 707.6 | 666.8 | 646.0 | 633.6 | 593.7 | 581.3 | 564.0 | 559.2 | 563.2 |
| 37.5° | 697.4 | 659.8 | 617.2 | 579.1 | 561.4 | 539.2 | 504.2 | 486.5 | 474.1 | 465.7 | 469.7 |
| 40°   | 627.9 | 582.2 | 537.9 | 490.9 | 471.4 | 453.3 | 427.1 | 411.2 | 391.2 | 392.1 | 393.5 |
| 42.5° | 561.4 | 507.8 | 458.1 | 414.7 | 396.1 | 381.1 | 362.9 | 343.4 | 336.3 | 334.1 | 331.9 |
| 45°   | 490.9 | 433.8 | 387.3 | 354.9 | 338.1 | 323.9 | 307.1 | 296.0 | 287.6 | 285.8 | 288.0 |
| 47.5° | 424.5 | 376.2 | 331.9 | 301.7 | 288.0 | 280.9 | 267.6 | 257.4 | 252.1 | 247.7 | 250.3 |
| 50°   | 364.2 | 319.0 | 283.6 | 258.3 | 248.6 | 243.7 | 231.3 | 226.0 | 220.7 | 219.3 | 218.9 |
| 52.5° | 314.6 | 276.0 | 245.5 | 225.1 | 217.6 | 214.9 | 205.6 | 198.1 | 193.6 | 195.0 | 195.8 |
| 55°   | 269.4 | 236.6 | 212.7 | 196.3 | 190.1 | 187.0 | 180.3 | 175.0 | 171.9 | 170.6 | 171.5 |
| 57.5° | 229.5 | 201.2 | 183.9 | 170.6 | 165.7 | 164.4 | 157.3 | 155.5 | 153.3 | 152.0 | 152.0 |
| 60°   | 193.2 | 173.2 | 157.3 | 149.8 | 144.4 | 143.1 | 137.8 | 135.6 | 135.1 | 133.8 | 132.9 |
| 62.5° | 162.6 | 146.2 | 135.1 | 127.2 | 124.9 | 124.5 | 121.0 | 118.3 | 117.0 | 116.1 | 116.1 |
| 65°   | 136.0 | 124.1 | 114.8 | 109.0 | 107.2 | 106.3 | 102.4 | 101.5 | 100.6 | 99.7  | 99.3  |
| 67.5° | 113.4 | 102.8 | 96.1  | 92.2  | 89.9  | 90.4  | 88.2  | 86.4  | 86.4  | 86.0  | 85.5  |
| 70°   | 91.7  | 85.1  | 79.3  | 77.1  | 76.2  | 75.3  | 74.4  | 73.1  | 72.7  | 72.7  | 72.7  |
| 72.5° | 72.2  | 67.8  | 64.7  | 63.4  | 62.5  | 61.6  | 60.7  | 60.7  | 60.7  | 60.3  | 60.3  |
| 75°   | 55.4  | 53.6  | 51.4  | 50.1  | 50.1  | 51.0  | 49.6  | 48.3  | 47.0  | 46.1  | 46.5  |
| 77.5° | 41.6  | 40.8  | 39.4  | 37.2  | 37.7  | 36.8  | 36.8  | 35.9  | 36.3  | 36.3  | 35.4  |
| 80°   | 30.6  | 29.2  | 28.8  | 27.5  | 27.9  | 27.5  | 27.0  | 27.0  | 26.1  | 26.1  | 26.1  |
| 82.5° | 21.3  | 19.9  | 19.9  | 19.5  | 19.1  | 19.1  | 18.6  | 18.6  | 19.1  | 18.2  | 18.2  |
| 85°   | 12.8  | 12.4  | 12.4  | 11.5  | 11.5  | 11.5  | 11.5  | 12.0  | 11.5  | 11.1  | 11.1  |
| 87.5° | 5.8   | 6.2   | 5.8   | 5.3   | 5.3   | 5.3   | 4.9   | 4.9   | 4.4   | 4.9   | 4.9   |
| 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):**

|       | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 549.9 | 549.9 | 549.9 | 549.9  | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 |
| 2.5°  | 591.1 | 588.0 | 587.5 | 587.5  | 582.7 | 585.3 | 580.0 | 574.2 | 571.6 | 571.6 | 566.7 |
| 5°    | 640.3 | 637.2 | 634.1 | 629.2  | 629.2 | 626.5 | 618.1 | 609.7 | 603.5 | 598.2 | 592.4 |
| 7.5°  | 690.8 | 687.7 | 678.8 | 673.9  | 676.6 | 671.3 | 660.2 | 646.0 | 635.4 | 627.0 | 615.0 |
| 10°   | 745.7 | 737.3 | 732.9 | 730.2  | 720.9 | 715.1 | 702.3 | 681.5 | 668.2 | 657.1 | 641.6 |
| 12.5° | 790.5 | 793.1 | 776.3 | 777.6  | 768.3 | 760.3 | 740.4 | 720.5 | 700.5 | 685.0 | 662.0 |
| 15°   | 838.8 | 830.8 | 820.6 | 812.6  | 809.5 | 799.8 | 782.9 | 756.3 | 734.6 | 710.3 | 684.1 |
| 17.5° | 876.9 | 870.7 | 860.9 | 853.4  | 846.7 | 823.3 | 809.1 | 785.6 | 755.9 | 732.0 | 700.1 |
| 20°   | 909.2 | 903.4 | 889.7 | 884.8  | 872.9 | 856.0 | 835.7 | 799.3 | 772.7 | 746.6 | 715.6 |
| 22.5° | 922.9 | 917.2 | 905.2 | 899.0  | 891.5 | 875.1 | 855.6 | 821.0 | 788.2 | 755.5 | 722.7 |
| 25°   | 911.4 | 911.4 | 905.7 | 903.4  | 896.8 | 882.2 | 862.2 | 833.0 | 798.0 | 762.5 | 723.6 |
| 27.5° | 855.6 | 866.7 | 870.7 | 872.9  | 872.9 | 873.3 | 859.6 | 831.2 | 797.1 | 762.5 | 721.8 |
| 30°   | 775.0 | 793.6 | 810.0 | 814.8  | 823.3 | 832.6 | 838.3 | 824.6 | 794.0 | 757.7 | 716.9 |
| 32.5° | 673.5 | 697.4 | 728.0 | 735.5  | 747.0 | 775.0 | 790.5 | 796.2 | 779.4 | 747.5 | 704.1 |
| 35°   | 572.5 | 602.6 | 621.2 | 644.2  | 654.9 | 696.1 | 730.6 | 751.5 | 747.5 | 728.4 | 689.0 |
| 37.5° | 484.3 | 501.6 | 524.2 | 548.5  | 569.8 | 609.2 | 652.2 | 692.5 | 708.9 | 699.6 | 669.9 |
| 40°   | 399.7 | 420.0 | 447.1 | 467.0  | 481.6 | 521.1 | 574.2 | 618.1 | 654.0 | 659.8 | 641.6 |
| 42.5° | 339.8 | 360.2 | 376.6 | 398.3  | 409.9 | 448.0 | 494.9 | 549.9 | 592.4 | 615.0 | 607.0 |
| 45°   | 293.8 | 306.2 | 319.5 | 331.9  | 346.0 | 379.7 | 423.1 | 483.4 | 531.3 | 563.2 | 566.3 |
| 47.5° | 253.4 | 264.5 | 276.0 | 287.6  | 295.5 | 321.7 | 361.6 | 410.7 | 463.0 | 506.9 | 524.2 |
| 50°   | 225.1 | 230.4 | 238.8 | 245.5  | 254.8 | 277.4 | 309.3 | 351.8 | 407.2 | 454.6 | 477.2 |
| 52.5° | 197.2 | 203.8 | 210.5 | 216.2  | 222.4 | 238.4 | 267.6 | 304.4 | 352.3 | 401.0 | 428.9 |
| 55°   | 173.7 | 179.0 | 185.2 | 189.2  | 192.7 | 206.9 | 229.1 | 257.4 | 298.6 | 344.7 | 379.3 |
| 57.5° | 154.6 | 156.9 | 162.2 | 164.4  | 168.4 | 179.9 | 195.8 | 221.1 | 254.3 | 299.1 | 327.4 |
| 60°   | 133.8 | 138.2 | 142.2 | 144.0  | 147.1 | 155.1 | 166.2 | 189.6 | 218.4 | 251.2 | 283.6 |
| 62.5° | 117.0 | 118.7 | 121.8 | 124.1  | 126.3 | 134.7 | 144.0 | 161.7 | 183.4 | 210.9 | 240.6 |
| 65°   | 101.5 | 102.4 | 104.1 | 107.2  | 108.6 | 114.8 | 120.1 | 132.9 | 153.3 | 174.1 | 203.8 |
| 67.5° | 85.5  | 86.4  | 88.6  | 90.4   | 91.7  | 95.7  | 101.5 | 110.8 | 121.8 | 144.9 | 161.3 |
| 70°   | 73.1  | 73.1  | 74.4  | 75.3   | 76.7  | 78.4  | 81.5  | 88.6  | 98.8  | 113.4 | 128.5 |
| 72.5° | 61.1  | 61.1  | 61.1  | 62.5   | 62.5  | 63.8  | 65.6  | 70.5  | 77.5  | 89.1  | 98.8  |
| 75°   | 47.4  | 47.9  | 48.7  | 48.7   | 49.2  | 51.0  | 52.3  | 53.6  | 57.2  | 64.7  | 73.6  |
| 77.5° | 35.9  | 36.8  | 37.2  | 36.3   | 37.2  | 37.2  | 39.0  | 40.8  | 42.5  | 44.8  | 51.4  |
| 80°   | 26.6  | 27.0  | 26.1  | 26.6   | 26.6  | 27.5  | 28.4  | 27.9  | 28.8  | 31.5  | 33.2  |
| 82.5° | 17.7  | 18.2  | 18.2  | 18.2   | 18.2  | 19.5  | 19.5  | 19.1  | 19.5  | 19.9  | 20.4  |
| 85°   | 11.1  | 10.6  | 10.6  | 11.1   | 10.6  | 10.6  | 11.1  | 11.5  | 11.1  | 11.5  | 12.0  |
| 87.5° | 4.9   | 4.9   | 4.9   | 4.9    | 4.4   | 4.4   | 4.9   | 4.4   | 4.9   | 4.4   | 4.0   |
| 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: P996732

CATALOG NUMBER: S124RDRP-B350DB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|       | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 549.9 | 549.9 | 549.9  | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 |
| 2.5°  | 564.0 | 561.8 | 560.5  | 560.1 | 556.1 | 553.9 | 552.5 | 551.6 | 550.3 | 546.8 | 543.7 |
| 5°    | 585.3 | 579.1 | 576.0  | 572.5 | 566.3 | 559.2 | 553.4 | 549.9 | 545.4 | 538.3 | 531.7 |
| 7.5°  | 605.3 | 595.9 | 589.7  | 584.9 | 574.2 | 562.7 | 553.4 | 545.9 | 537.5 | 527.7 | 518.4 |
| 10°   | 626.1 | 611.0 | 603.0  | 595.5 | 580.0 | 564.9 | 551.6 | 540.6 | 528.6 | 515.7 | 505.6 |
| 12.5° | 642.5 | 622.5 | 613.7  | 603.0 | 584.0 | 566.3 | 549.4 | 534.4 | 518.9 | 505.1 | 490.5 |
| 15°   | 661.5 | 636.7 | 626.5  | 612.8 | 586.6 | 563.6 | 541.9 | 525.5 | 509.5 | 489.2 | 473.7 |
| 17.5° | 672.6 | 643.8 | 629.2  | 617.2 | 588.9 | 560.9 | 535.7 | 515.3 | 496.7 | 476.3 | 459.9 |
| 20°   | 683.7 | 650.9 | 634.5  | 617.7 | 584.0 | 554.3 | 527.7 | 503.3 | 483.8 | 461.7 | 444.9 |
| 22.5° | 687.2 | 649.1 | 631.8  | 616.3 | 580.9 | 547.7 | 517.1 | 492.3 | 469.7 | 447.5 | 428.5 |
| 25°   | 687.2 | 648.7 | 628.3  | 608.4 | 571.1 | 537.0 | 506.4 | 479.4 | 454.2 | 432.0 | 413.0 |
| 27.5° | 680.1 | 639.8 | 618.5  | 600.4 | 561.8 | 525.1 | 493.6 | 463.9 | 439.5 | 417.4 | 395.7 |
| 30°   | 671.3 | 627.0 | 605.7  | 584.0 | 546.8 | 511.8 | 477.6 | 450.2 | 424.5 | 399.2 | 379.7 |
| 32.5° | 660.2 | 613.2 | 589.7  | 567.6 | 528.2 | 491.8 | 460.4 | 433.3 | 409.0 | 382.8 | 361.1 |
| 35°   | 644.2 | 592.8 | 566.7  | 547.2 | 509.1 | 471.4 | 441.3 | 414.7 | 391.2 | 364.2 | 340.7 |
| 37.5° | 623.9 | 574.2 | 547.7  | 523.7 | 484.3 | 449.7 | 421.4 | 395.7 | 372.6 | 347.8 | 321.7 |
| 40°   | 599.9 | 548.1 | 525.1  | 499.8 | 458.1 | 425.4 | 398.8 | 375.7 | 352.7 | 329.2 | 304.0 |
| 42.5° | 572.9 | 521.5 | 495.8  | 471.4 | 431.6 | 399.2 | 374.4 | 353.6 | 332.3 | 310.6 | 283.6 |
| 45°   | 540.6 | 492.3 | 467.5  | 444.4 | 405.9 | 372.6 | 350.0 | 330.1 | 311.9 | 289.8 | 265.9 |
| 47.5° | 504.2 | 462.1 | 436.9  | 412.1 | 374.4 | 345.6 | 323.5 | 306.6 | 291.1 | 269.0 | 247.2 |
| 50°   | 468.8 | 427.1 | 406.8  | 381.5 | 346.9 | 319.9 | 297.3 | 283.1 | 271.2 | 249.5 | 230.0 |
| 52.5° | 424.0 | 392.6 | 373.1  | 351.4 | 318.1 | 290.7 | 272.9 | 260.5 | 246.4 | 229.5 | 212.2 |
| 55°   | 384.6 | 355.4 | 339.8  | 319.5 | 286.7 | 262.3 | 247.2 | 235.7 | 224.6 | 209.6 | 195.8 |
| 57.5° | 339.8 | 321.7 | 306.2  | 288.4 | 256.1 | 235.3 | 222.0 | 212.2 | 202.0 | 189.6 | 178.6 |
| 60°   | 292.9 | 284.5 | 269.4  | 255.2 | 227.7 | 209.6 | 198.5 | 189.6 | 179.9 | 169.7 | 160.4 |
| 62.5° | 251.2 | 246.4 | 237.5  | 226.4 | 200.7 | 185.2 | 174.1 | 167.5 | 160.4 | 151.1 | 142.2 |
| 65°   | 211.8 | 209.6 | 201.2  | 193.2 | 175.5 | 161.7 | 152.0 | 148.0 | 140.0 | 132.9 | 124.9 |
| 67.5° | 176.8 | 174.1 | 169.3  | 165.7 | 150.6 | 137.8 | 132.9 | 127.6 | 121.0 | 115.6 | 109.0 |
| 70°   | 141.3 | 140.9 | 137.8  | 133.4 | 125.4 | 116.1 | 111.2 | 107.7 | 101.0 | 97.0  | 92.2  |
| 72.5° | 109.9 | 112.1 | 109.4  | 107.7 | 102.4 | 95.7  | 91.3  | 89.1  | 83.7  | 80.6  | 77.1  |
| 75°   | 82.0  | 83.7  | 85.1   | 82.0  | 80.6  | 77.5  | 73.6  | 71.3  | 68.7  | 64.2  | 62.9  |
| 77.5° | 55.8  | 59.8  | 59.8   | 60.7  | 61.1  | 59.4  | 56.3  | 54.5  | 51.4  | 50.5  | 48.7  |
| 80°   | 36.8  | 40.3  | 40.8   | 41.6  | 43.0  | 43.0  | 40.8  | 40.3  | 37.2  | 36.8  | 35.4  |
| 82.5° | 21.3  | 24.4  | 26.1   | 27.5  | 27.0  | 28.8  | 27.0  | 26.6  | 24.8  | 24.8  | 23.9  |
| 85°   | 11.5  | 12.0  | 12.8   | 13.7  | 14.6  | 15.5  | 15.5  | 15.1  | 14.6  | 14.2  | 13.3  |
| 87.5° | 4.4   | 4.4   | 4.9    | 4.4   | 4.9   | 5.8   | 6.2   | 6.2   | 5.8   | 5.3   | 4.4   |
| 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: P996732

CATALOG NUMBER: S124RDRP-B350DB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|       | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 549.9 | 549.9  | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 |
| 2.5°  | 541.0 | 540.1  | 539.2 | 535.7 | 532.6 | 527.3 | 522.8 | 521.1 | 520.6 | 521.1 | 519.7 |
| 5°    | 525.5 | 525.1  | 522.0 | 515.7 | 510.0 | 503.8 | 499.4 | 494.9 | 492.3 | 492.3 | 489.2 |
| 7.5°  | 510.9 | 507.8  | 505.1 | 497.1 | 490.5 | 482.1 | 475.4 | 471.4 | 469.2 | 464.4 | 464.4 |
| 10°   | 495.4 | 490.9  | 487.4 | 479.9 | 470.1 | 461.7 | 453.3 | 448.4 | 444.4 | 440.9 | 439.5 |
| 12.5° | 479.9 | 476.3  | 469.7 | 461.7 | 451.9 | 441.3 | 432.5 | 428.9 | 419.6 | 412.1 | 412.5 |
| 15°   | 465.2 | 457.3  | 454.2 | 442.6 | 431.1 | 420.9 | 408.1 | 397.9 | 390.4 | 385.5 | 379.3 |
| 17.5° | 448.8 | 440.9  | 435.1 | 425.4 | 410.3 | 394.3 | 381.9 | 368.2 | 360.7 | 352.3 | 348.3 |
| 20°   | 430.7 | 424.0  | 419.6 | 404.1 | 385.9 | 366.9 | 353.1 | 344.7 | 336.3 | 330.1 | 326.6 |
| 22.5° | 415.2 | 406.8  | 401.4 | 380.6 | 360.7 | 341.6 | 331.0 | 323.9 | 316.8 | 311.5 | 309.7 |
| 25°   | 395.2 | 390.4  | 377.5 | 359.3 | 335.0 | 322.1 | 312.8 | 303.5 | 299.5 | 296.0 | 292.0 |
| 27.5° | 378.8 | 366.9  | 358.0 | 334.1 | 319.0 | 304.4 | 295.1 | 288.0 | 283.1 | 279.6 | 276.5 |
| 30°   | 358.5 | 347.4  | 335.0 | 315.0 | 301.3 | 287.6 | 279.1 | 273.4 | 268.1 | 265.9 | 263.2 |
| 32.5° | 337.2 | 327.0  | 315.0 | 299.1 | 282.2 | 271.6 | 265.0 | 258.8 | 255.2 | 253.0 | 249.9 |
| 35°   | 318.1 | 305.3  | 297.3 | 282.2 | 268.5 | 256.5 | 250.3 | 245.0 | 241.0 | 240.2 | 239.7 |
| 37.5° | 297.8 | 288.0  | 280.5 | 265.0 | 253.4 | 243.3 | 237.5 | 231.7 | 229.5 | 229.1 | 227.3 |
| 40°   | 280.0 | 271.6  | 264.5 | 249.9 | 237.5 | 228.2 | 223.8 | 220.2 | 218.0 | 218.0 | 217.6 |
| 42.5° | 264.5 | 255.7  | 248.6 | 235.3 | 224.2 | 215.8 | 210.9 | 207.4 | 206.5 | 206.9 | 206.5 |
| 45°   | 247.2 | 239.7  | 232.6 | 218.9 | 209.6 | 203.4 | 198.1 | 196.3 | 195.0 | 195.4 | 195.8 |
| 47.5° | 230.8 | 224.6  | 217.6 | 206.5 | 195.8 | 189.2 | 186.1 | 184.3 | 184.3 | 184.3 | 185.2 |
| 50°   | 216.2 | 209.1  | 202.9 | 191.4 | 181.7 | 176.3 | 173.7 | 171.5 | 171.9 | 172.4 | 172.8 |
| 52.5° | 198.9 | 192.7  | 188.3 | 176.8 | 169.7 | 163.1 | 160.0 | 160.4 | 160.0 | 160.0 | 160.8 |
| 55°   | 183.9 | 177.7  | 173.2 | 162.6 | 155.5 | 151.1 | 148.4 | 147.1 | 147.5 | 146.7 | 148.4 |
| 57.5° | 167.0 | 161.7  | 158.6 | 148.4 | 142.2 | 138.2 | 136.0 | 133.8 | 134.7 | 134.3 | 133.8 |
| 60°   | 152.4 | 146.2  | 141.3 | 134.3 | 128.9 | 124.1 | 122.7 | 120.5 | 121.4 | 120.5 | 120.1 |
| 62.5° | 135.6 | 130.7  | 127.2 | 120.1 | 115.6 | 111.7 | 108.6 | 107.2 | 106.8 | 105.5 | 104.1 |
| 65°   | 118.7 | 116.1  | 112.5 | 105.5 | 101.0 | 97.9  | 96.1  | 94.8  | 94.4  | 90.8  | 86.8  |
| 67.5° | 103.2 | 101.5  | 97.9  | 92.6  | 88.6  | 85.5  | 82.9  | 80.6  | 78.0  | 75.3  | 73.1  |
| 70°   | 88.6  | 86.0   | 83.7  | 78.9  | 75.3  | 72.2  | 69.6  | 66.9  | 65.6  | 62.9  | 62.0  |
| 72.5° | 74.4  | 71.8   | 69.6  | 65.1  | 62.0  | 58.9  | 58.0  | 54.9  | 53.6  | 53.2  | 53.2  |
| 75°   | 59.8  | 57.6   | 56.3  | 52.3  | 49.6  | 47.4  | 46.1  | 45.2  | 44.3  | 43.4  | 42.1  |
| 77.5° | 45.6  | 44.3   | 43.4  | 40.8  | 38.5  | 37.2  | 36.8  | 33.7  | 32.8  | 31.9  | 31.0  |
| 80°   | 33.2  | 32.8   | 31.9  | 29.7  | 28.8  | 25.7  | 25.7  | 24.8  | 24.4  | 24.4  | 24.4  |
| 82.5° | 22.6  | 21.7   | 21.3  | 19.1  | 18.6  | 18.2  | 17.7  | 17.3  | 17.7  | 17.3  | 17.7  |
| 85°   | 12.0  | 11.5   | 11.1  | 11.1  | 11.1  | 11.1  | 11.1  | 11.1  | 11.1  | 10.6  | 11.1  |
| 87.5° | 4.4   | 4.4    | 4.4   | 4.4   | 4.0   | 4.4   | 4.4   | 4.0   | 4.4   | 4.4   | 4.4   |
| 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: P996732

CATALOG NUMBER: S124RDRP-B350DB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°    | 549.9  | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9  |
| 2.5°  | 519.7  | 521.5 | 519.3 | 520.6 | 517.5 | 517.1 | 517.5 | 517.5 | 518.0 | 518.4 | 518.9  |
| 5°    | 490.5  | 490.1 | 487.4 | 485.6 | 484.3 | 485.6 | 486.5 | 487.4 | 486.5 | 487.4 | 487.8  |
| 7.5°  | 463.0  | 461.7 | 460.4 | 457.3 | 458.1 | 457.3 | 459.9 | 458.6 | 458.6 | 460.8 | 462.6  |
| 10°   | 438.7  | 436.0 | 435.1 | 431.6 | 428.9 | 428.5 | 431.6 | 432.9 | 434.2 | 435.1 | 438.7  |
| 12.5° | 407.2  | 403.2 | 400.1 | 401.4 | 393.9 | 397.0 | 397.9 | 396.1 | 401.4 | 407.6 | 404.1  |
| 15°   | 373.5  | 374.0 | 367.8 | 365.5 | 359.3 | 361.1 | 361.6 | 366.0 | 370.4 | 370.0 | 375.3  |
| 17.5° | 348.7  | 346.0 | 340.7 | 340.3 | 337.6 | 339.0 | 338.5 | 342.1 | 340.7 | 342.9 | 347.4  |
| 20°   | 325.7  | 323.9 | 319.5 | 317.7 | 318.6 | 317.7 | 318.1 | 318.6 | 319.9 | 324.8 | 323.9  |
| 22.5° | 307.5  | 305.3 | 305.3 | 303.1 | 300.4 | 299.5 | 301.7 | 303.1 | 304.8 | 305.7 | 307.9  |
| 25°   | 291.5  | 289.8 | 287.6 | 286.2 | 284.0 | 284.5 | 285.8 | 287.6 | 288.9 | 290.7 | 292.4  |
| 27.5° | 275.2  | 275.2 | 272.9 | 272.5 | 271.6 | 271.2 | 272.9 | 273.8 | 273.8 | 275.2 | 276.9  |
| 30°   | 262.3  | 262.3 | 260.1 | 259.6 | 259.2 | 259.2 | 260.5 | 261.0 | 261.4 | 262.7 | 263.6  |
| 32.5° | 249.9  | 249.5 | 248.6 | 249.0 | 248.6 | 249.0 | 249.0 | 249.5 | 250.3 | 250.8 | 252.6  |
| 35°   | 238.4  | 238.8 | 237.9 | 237.9 | 237.5 | 237.9 | 238.8 | 239.3 | 239.7 | 240.6 | 240.6  |
| 37.5° | 227.3  | 228.2 | 227.7 | 229.1 | 229.1 | 229.1 | 229.1 | 230.0 | 230.0 | 230.0 | 229.5  |
| 40°   | 217.6  | 217.6 | 217.1 | 218.0 | 218.9 | 218.9 | 219.3 | 219.3 | 219.8 | 219.8 | 219.3  |
| 42.5° | 206.5  | 207.4 | 208.7 | 209.1 | 210.0 | 209.6 | 210.9 | 210.5 | 210.9 | 210.0 | 209.1  |
| 45°   | 196.3  | 196.3 | 198.1 | 199.8 | 200.3 | 200.3 | 200.3 | 201.2 | 200.3 | 198.9 | 198.5  |
| 47.5° | 185.2  | 186.1 | 187.0 | 189.2 | 189.6 | 189.6 | 189.6 | 189.6 | 188.8 | 188.8 | 188.8  |
| 50°   | 174.1  | 174.6 | 175.0 | 175.9 | 177.2 | 176.8 | 176.8 | 176.8 | 178.6 | 176.8 | 177.2  |
| 52.5° | 160.8  | 161.3 | 161.7 | 163.5 | 163.1 | 163.1 | 163.5 | 163.5 | 164.8 | 164.4 | 163.5  |
| 55°   | 147.5  | 147.5 | 148.4 | 148.4 | 148.4 | 149.3 | 149.8 | 150.6 | 150.2 | 150.6 | 151.1  |
| 57.5° | 134.3  | 133.4 | 132.9 | 132.9 | 134.3 | 133.8 | 134.3 | 134.3 | 136.0 | 136.9 | 137.4  |
| 60°   | 118.7  | 118.7 | 118.3 | 115.6 | 115.6 | 115.2 | 116.5 | 117.4 | 118.3 | 122.3 | 121.8  |
| 62.5° | 102.8  | 101.0 | 99.3  | 99.7  | 97.0  | 98.4  | 97.5  | 98.4  | 101.0 | 104.1 | 104.6  |
| 65°   | 86.8   | 85.5  | 83.7  | 83.3  | 82.4  | 83.7  | 83.3  | 83.7  | 85.1  | 86.8  | 89.1   |
| 67.5° | 72.7   | 72.2  | 71.3  | 70.9  | 70.9  | 70.9  | 71.8  | 71.8  | 72.2  | 73.6  | 74.9   |
| 70°   | 62.0   | 61.6  | 62.0  | 61.1  | 61.6  | 61.1  | 61.6  | 62.0  | 62.5  | 62.9  | 64.2   |
| 72.5° | 52.3   | 52.3  | 52.3  | 51.4  | 52.3  | 51.8  | 51.8  | 52.3  | 52.7  | 53.2  | 54.1   |
| 75°   | 41.6   | 40.8  | 39.9  | 39.0  | 38.5  | 39.4  | 39.9  | 39.4  | 40.8  | 42.5  | 42.5   |
| 77.5° | 31.5   | 31.0  | 31.0  | 31.0  | 31.5  | 31.0  | 31.9  | 31.5  | 31.9  | 31.9  | 32.8   |
| 80°   | 24.4   | 23.9  | 24.4  | 24.4  | 23.9  | 24.8  | 24.4  | 24.4  | 24.8  | 25.3  | 24.8   |
| 82.5° | 17.7   | 18.2  | 17.7  | 17.7  | 17.7  | 18.6  | 17.7  | 17.7  | 17.7  | 18.2  | 18.2   |
| 85°   | 11.1   | 11.1  | 11.1  | 11.1  | 11.5  | 11.1  | 11.5  | 11.1  | 12.0  | 11.5  | 11.5   |
| 87.5° | 4.0    | 4.4   | 4.9   | 4.9   | 4.9   | 4.9   | 4.4   | 4.9   | 5.3   | 4.9   | 5.3    |
| 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: P996732

CATALOG NUMBER: S124RDRP-B350DB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|       | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°    | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9 | 549.9  | 549.9 |
| 2.5°  | 520.6 | 522.8 | 522.0 | 518.9 | 520.2 | 522.8 | 525.5 | 529.0 | 531.3 | 533.0  | 533.9 |
| 5°    | 490.1 | 494.0 | 493.2 | 493.2 | 494.9 | 499.4 | 503.8 | 511.3 | 514.0 | 517.1  | 521.5 |
| 7.5°  | 463.0 | 466.1 | 468.8 | 469.7 | 472.3 | 478.1 | 483.8 | 492.3 | 498.9 | 502.5  | 505.1 |
| 10°   | 439.1 | 441.3 | 445.3 | 447.5 | 450.2 | 457.3 | 465.7 | 474.5 | 481.2 | 487.4  | 490.9 |
| 12.5° | 408.5 | 417.4 | 422.7 | 426.2 | 429.8 | 440.4 | 447.1 | 456.8 | 464.8 | 470.6  | 475.9 |
| 15°   | 374.4 | 385.0 | 388.1 | 401.9 | 410.7 | 419.2 | 429.3 | 440.9 | 448.4 | 455.0  | 462.1 |
| 17.5° | 345.6 | 353.1 | 356.7 | 371.3 | 378.8 | 392.1 | 406.8 | 421.4 | 432.9 | 437.8  | 444.9 |
| 20°   | 327.4 | 331.4 | 338.5 | 343.4 | 351.4 | 366.9 | 382.8 | 400.5 | 417.8 | 422.7  | 429.8 |
| 22.5° | 308.8 | 314.1 | 319.0 | 325.7 | 331.9 | 342.5 | 358.5 | 378.0 | 396.6 | 405.4  | 413.8 |
| 25°   | 292.0 | 297.3 | 300.4 | 307.5 | 313.3 | 323.9 | 335.0 | 354.9 | 377.1 | 384.6  | 397.9 |
| 27.5° | 278.7 | 281.8 | 287.1 | 290.2 | 296.9 | 306.6 | 316.8 | 331.9 | 353.6 | 366.4  | 379.3 |
| 30°   | 265.4 | 267.6 | 272.1 | 276.5 | 281.4 | 288.0 | 299.5 | 314.1 | 334.1 | 345.2  | 358.0 |
| 32.5° | 252.1 | 255.7 | 258.3 | 261.4 | 266.7 | 274.7 | 282.7 | 296.9 | 312.8 | 325.2  | 338.1 |
| 35°   | 241.0 | 242.4 | 245.9 | 249.5 | 253.0 | 260.1 | 268.5 | 282.2 | 296.4 | 306.2  | 317.7 |
| 37.5° | 229.1 | 231.3 | 233.9 | 235.3 | 241.0 | 245.5 | 254.3 | 265.0 | 281.8 | 288.0  | 299.5 |
| 40°   | 219.8 | 219.3 | 222.0 | 224.2 | 226.9 | 233.9 | 239.3 | 250.8 | 264.1 | 273.8  | 280.9 |
| 42.5° | 208.2 | 208.2 | 209.1 | 211.8 | 215.3 | 219.8 | 226.0 | 235.7 | 249.5 | 256.5  | 265.0 |
| 45°   | 198.9 | 197.6 | 198.1 | 199.8 | 202.0 | 206.5 | 212.7 | 221.1 | 234.8 | 240.6  | 249.5 |
| 47.5° | 187.9 | 186.5 | 186.5 | 188.3 | 190.1 | 193.2 | 198.1 | 207.8 | 218.9 | 226.4  | 233.1 |
| 50°   | 175.5 | 175.9 | 175.5 | 176.8 | 177.7 | 180.8 | 186.1 | 194.1 | 204.3 | 210.5  | 218.0 |
| 52.5° | 163.9 | 163.1 | 162.6 | 163.5 | 165.3 | 167.5 | 173.2 | 180.3 | 190.1 | 196.3  | 202.9 |
| 55°   | 149.8 | 150.6 | 150.6 | 150.6 | 153.3 | 154.2 | 158.6 | 165.7 | 175.5 | 180.3  | 186.5 |
| 57.5° | 136.9 | 136.5 | 137.4 | 136.9 | 139.1 | 142.2 | 145.8 | 151.1 | 160.8 | 165.7  | 171.5 |
| 60°   | 122.7 | 123.2 | 123.6 | 123.6 | 125.4 | 128.5 | 132.5 | 137.4 | 145.3 | 150.2  | 155.5 |
| 62.5° | 105.5 | 107.7 | 109.9 | 110.8 | 113.4 | 115.6 | 118.3 | 123.6 | 130.7 | 134.3  | 139.1 |
| 65°   | 89.1  | 92.2  | 95.3  | 97.5  | 99.3  | 101.5 | 105.0 | 109.9 | 115.6 | 119.2  | 124.1 |
| 67.5° | 74.9  | 77.1  | 81.1  | 83.3  | 86.8  | 89.5  | 91.7  | 95.7  | 102.8 | 104.1  | 108.1 |
| 70°   | 64.7  | 65.6  | 67.3  | 69.1  | 73.1  | 75.3  | 78.0  | 82.0  | 87.3  | 90.4   | 92.6  |
| 72.5° | 54.5  | 54.9  | 55.8  | 57.6  | 59.4  | 62.0  | 65.1  | 68.7  | 73.6  | 74.9   | 78.0  |
| 75°   | 43.4  | 46.1  | 46.1  | 47.4  | 48.7  | 50.1  | 52.7  | 56.3  | 59.4  | 61.6   | 63.4  |
| 77.5° | 32.3  | 33.7  | 34.6  | 36.8  | 38.5  | 39.9  | 41.6  | 44.3  | 46.1  | 47.9   | 49.2  |
| 80°   | 25.3  | 25.7  | 26.1  | 26.1  | 27.0  | 28.8  | 30.6  | 32.3  | 34.6  | 35.4   | 36.8  |
| 82.5° | 18.6  | 18.6  | 18.6  | 19.5  | 19.9  | 20.4  | 20.4  | 21.3  | 23.5  | 24.4   | 25.7  |
| 85°   | 12.0  | 12.0  | 12.0  | 12.0  | 12.4  | 12.8  | 13.3  | 13.7  | 13.7  | 13.7   | 14.6  |
| 87.5° | 4.9   | 5.8   | 5.3   | 5.8   | 5.8   | 5.8   | 5.8   | 6.2   | 6.2   | 6.6    | 6.6   |
| 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: P996732

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**CANDELA DISTRIBUTION (continued):**

|       | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|
| 0°    | 549.9 | 549.9 | 549.9 | 549.9 |
| 2.5°  | 537.5 | 540.1 | 544.6 | 550.8 |
| 5°    | 525.1 | 532.6 | 539.7 | 549.0 |
| 7.5°  | 514.0 | 522.8 | 532.6 | 545.9 |
| 10°   | 501.1 | 512.2 | 524.6 | 541.0 |
| 12.5° | 486.1 | 501.6 | 515.7 | 533.5 |
| 15°   | 475.0 | 486.5 | 504.7 | 525.5 |
| 17.5° | 459.5 | 475.0 | 493.2 | 516.6 |
| 20°   | 444.9 | 461.3 | 481.6 | 506.0 |
| 22.5° | 429.3 | 448.0 | 468.3 | 494.5 |
| 25°   | 413.4 | 433.3 | 453.7 | 481.6 |
| 27.5° | 398.8 | 416.9 | 440.0 | 468.3 |
| 30°   | 381.1 | 401.9 | 424.0 | 453.7 |
| 32.5° | 363.8 | 385.5 | 408.1 | 437.8 |
| 35°   | 345.2 | 366.9 | 391.7 | 420.0 |
| 37.5° | 327.0 | 350.9 | 373.5 | 401.0 |
| 40°   | 307.1 | 331.9 | 355.4 | 383.3 |
| 42.5° | 287.6 | 313.3 | 336.7 | 360.7 |
| 45°   | 269.4 | 294.7 | 315.9 | 338.5 |
| 47.5° | 252.1 | 274.7 | 296.4 | 316.8 |
| 50°   | 235.3 | 254.3 | 274.3 | 291.1 |
| 52.5° | 217.6 | 235.7 | 251.7 | 266.7 |
| 55°   | 201.6 | 215.8 | 230.0 | 243.7 |
| 57.5° | 182.6 | 196.7 | 209.1 | 219.8 |
| 60°   | 166.6 | 175.5 | 187.4 | 198.5 |
| 62.5° | 148.4 | 158.6 | 167.9 | 175.0 |
| 65°   | 130.7 | 139.6 | 146.7 | 152.9 |
| 67.5° | 115.6 | 121.0 | 126.3 | 132.9 |
| 70°   | 97.5  | 101.9 | 108.1 | 113.0 |
| 72.5° | 82.0  | 85.5  | 88.6  | 94.4  |
| 75°   | 66.5  | 69.6  | 71.3  | 76.7  |
| 77.5° | 51.4  | 54.5  | 55.8  | 58.9  |
| 80°   | 39.4  | 39.9  | 41.6  | 44.3  |
| 82.5° | 27.0  | 27.9  | 28.4  | 30.6  |
| 85°   | 15.5  | 17.7  | 17.3  | 18.2  |
| 87.5° | 6.6   | 7.1   | 8.0   | 8.9   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)