

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: P1037881

Luminaire Tested: S124RDS-B350DB30-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037881  
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: S124RDS-B350DB30-4F0-XX-W2A-A  
Description: Define 4 Regressed Direct Surface with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

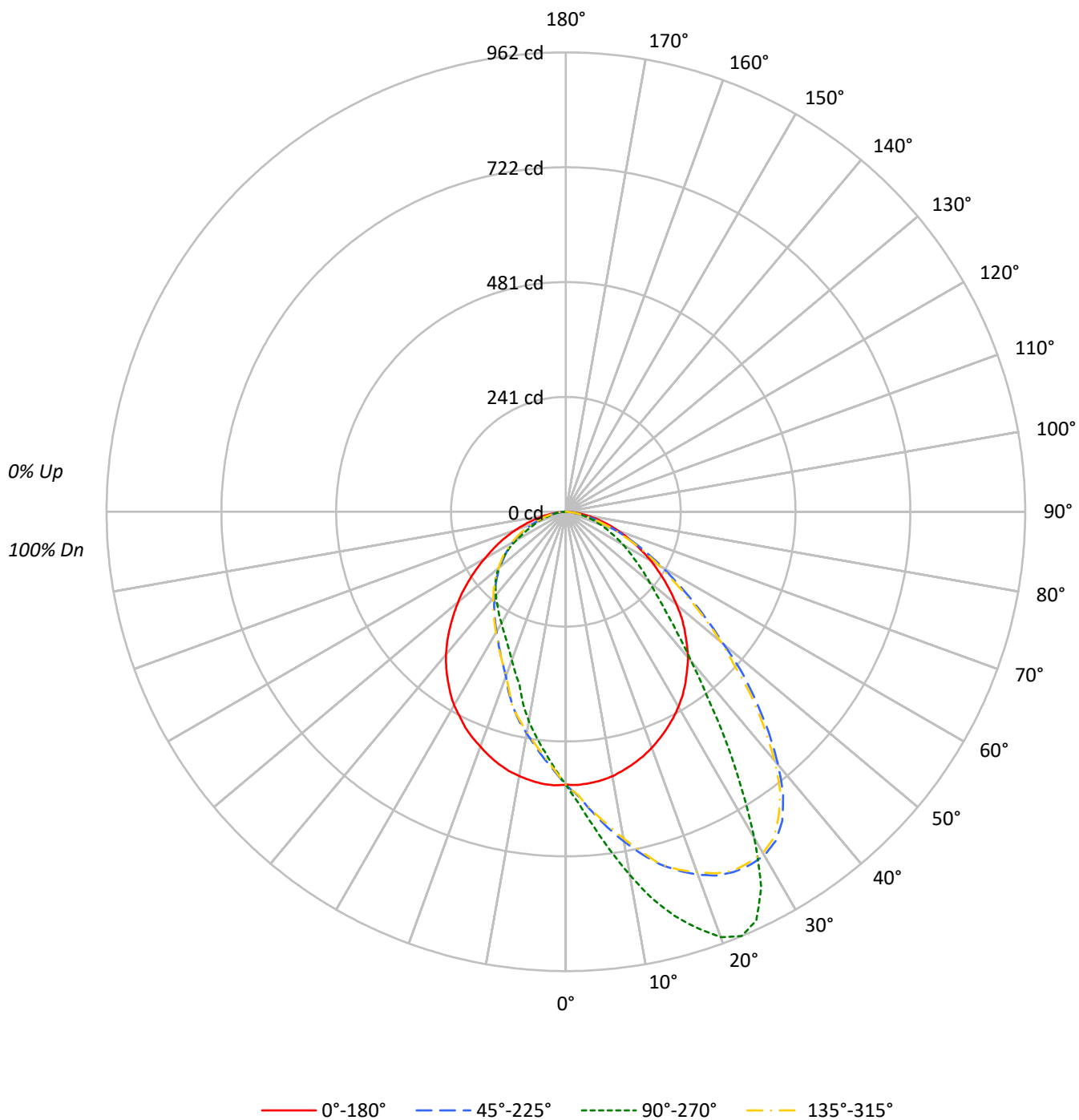
Lumens per Lamp: N/A  
Luminaire Lumens: 1445.0 lumens  
Efficiency: N/A  
Efficacy: 111.2 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular (W 0.33' x L: 4' x H: 0')  
CIE Type: Direct

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: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

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

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

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4661 | 4661 | 4661 | 4661 |
| 5°  | 4672 | 5407 | 4679 | 4132 |
| 10° | 4657 | 6397 | 4654 | 3688 |
| 15° | 4612 | 7389 | 4612 | 3169 |
| 20° | 4565 | 8226 | 4541 | 2866 |
| 25° | 4505 | 8492 | 4484 | 2661 |
| 30° | 4442 | 7434 | 4407 | 2538 |
| 35° | 4347 | 5787 | 4292 | 2463 |
| 40° | 4241 | 4339 | 4158 | 2422 |
| 45° | 4058 | 3426 | 3958 | 2401 |
| 50° | 3839 | 2892 | 3734 | 2332 |
| 55° | 3601 | 2521 | 3483 | 2206 |
| 60° | 3366 | 2269 | 3214 | 1954 |
| 65° | 3066 | 1999 | 2968 | 1681 |
| 70° | 2801 | 1800 | 2668 | 1516 |
| 75° | 2511 | 1509 | 2338 | 1292 |
| 80° | 2165 | 1277 | 1968 | 1212 |
| 85° | 1768 | 1076 | 1469 | 1076 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 6969 cd/sqm

TEST NUMBER: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 55.4   | 3.8       |
| 10°-20°   | 167.2  | 11.6      |
| 20°-30°   | 261.8  | 18.1      |
| 30°-40°   | 290.8  | 20.1      |
| 40°-50°   | 257.6  | 17.8      |
| 50°-60°   | 200.8  | 13.9      |
| 60°-70°   | 131.3  | 9.1       |
| 70°-80°   | 64.4   | 4.5       |
| 80°-90°   | 15.7   | 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°    | 484.3  | 33.5      |
| 0°-40°    | 775.1  | 53.6      |
| 0°-60°    | 1233.5 | 85.4      |
| 0°-90°    | 1445.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1445.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 572 | 572 | 572  | 572  | 572  |      |
| 5°  | 571 | 660 | 572  | 505  | 571  | 54   |
| 15° | 546 | 875 | 546  | 375  | 546  | 154  |
| 25° | 501 | 944 | 498  | 296  | 501  | 231  |
| 35° | 437 | 581 | 431  | 247  | 437  | 273  |
| 45° | 352 | 297 | 343  | 208  | 352  | 271  |
| 55° | 253 | 177 | 245  | 155  | 253  | 227  |
| 65° | 159 | 104 | 154  | 87   | 159  | 158  |
| 75° | 80  | 48  | 74   | 41   | 80   | 85   |
| 85° | 19  | 12  | 16   | 12   | 19   | 23   |
| 90° | 0   | 0   | 0    | 0    | 0    |      |

TEST NUMBER: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 |
| 2.5°  | 572.5 | 577.6 | 580.4 | 582.7 | 587.3 | 589.1 | 592.8 | 593.7 | 597.4 | 597.0 | 595.6 |
| 5°    | 570.7 | 579.5 | 585.9 | 592.8 | 601.1 | 605.7 | 610.8 | 618.1 | 621.8 | 626.9 | 630.1 |
| 7.5°  | 567.5 | 579.5 | 590.0 | 600.6 | 614.0 | 621.4 | 627.8 | 639.3 | 649.0 | 657.3 | 666.5 |
| 10°   | 562.4 | 577.6 | 593.3 | 607.6 | 626.0 | 634.7 | 644.4 | 661.4 | 674.8 | 686.3 | 701.1 |
| 12.5° | 554.6 | 575.8 | 593.3 | 612.6 | 636.1 | 648.1 | 661.0 | 681.3 | 696.9 | 715.8 | 734.2 |
| 15°   | 546.3 | 569.8 | 592.8 | 618.1 | 644.9 | 658.7 | 671.6 | 698.8 | 722.7 | 744.4 | 764.6 |
| 17.5° | 537.1 | 562.9 | 588.2 | 616.3 | 648.5 | 665.6 | 680.8 | 713.5 | 739.7 | 767.8 | 788.1 |
| 20°   | 526.0 | 554.1 | 583.1 | 614.5 | 650.9 | 669.7 | 686.8 | 724.1 | 753.1 | 783.5 | 808.8 |
| 22.5° | 514.0 | 544.4 | 576.2 | 610.3 | 648.1 | 668.8 | 688.6 | 728.7 | 762.3 | 790.4 | 824.5 |
| 25°   | 500.7 | 532.9 | 565.6 | 601.6 | 643.9 | 666.5 | 686.8 | 726.4 | 762.3 | 799.2 | 832.3 |
| 27.5° | 486.9 | 520.0 | 554.1 | 591.9 | 635.2 | 657.3 | 680.3 | 718.6 | 760.5 | 800.6 | 834.2 |
| 30°   | 471.7 | 503.9 | 539.8 | 575.8 | 621.8 | 643.9 | 667.4 | 708.9 | 754.5 | 794.6 | 831.0 |
| 32.5° | 455.1 | 488.3 | 522.3 | 559.6 | 604.8 | 628.7 | 650.4 | 697.4 | 743.9 | 783.5 | 817.6 |
| 35°   | 436.7 | 468.0 | 500.2 | 538.5 | 583.1 | 604.8 | 630.6 | 679.4 | 726.4 | 768.3 | 790.4 |
| 37.5° | 416.9 | 446.8 | 476.7 | 514.5 | 557.3 | 583.6 | 608.9 | 658.2 | 708.0 | 736.1 | 747.6 |
| 40°   | 398.4 | 424.7 | 450.9 | 487.3 | 530.6 | 557.8 | 583.6 | 634.7 | 678.5 | 700.1 | 691.4 |
| 42.5° | 374.9 | 402.1 | 425.6 | 459.2 | 503.0 | 528.3 | 554.6 | 607.6 | 643.0 | 651.8 | 630.1 |
| 45°   | 351.9 | 374.5 | 397.1 | 429.8 | 475.8 | 497.5 | 525.6 | 574.8 | 604.3 | 596.5 | 564.7 |
| 47.5° | 329.3 | 347.8 | 369.0 | 400.7 | 442.2 | 468.0 | 494.2 | 537.1 | 557.8 | 546.8 | 502.5 |
| 50°   | 302.6 | 321.0 | 343.2 | 370.8 | 410.9 | 435.7 | 456.5 | 496.1 | 511.7 | 484.6 | 431.1 |
| 52.5° | 277.3 | 293.4 | 312.3 | 338.1 | 376.3 | 398.9 | 421.5 | 455.5 | 460.6 | 429.3 | 373.1 |
| 55°   | 253.3 | 266.2 | 286.0 | 306.8 | 341.8 | 365.7 | 381.4 | 410.4 | 409.0 | 369.9 | 321.5 |
| 57.5° | 228.5 | 240.4 | 253.8 | 275.4 | 308.6 | 326.6 | 343.6 | 369.0 | 355.6 | 322.4 | 274.5 |
| 60°   | 206.4 | 213.3 | 226.6 | 247.4 | 275.4 | 291.1 | 304.5 | 318.3 | 306.8 | 270.8 | 234.0 |
| 62.5° | 181.9 | 189.8 | 199.4 | 216.0 | 240.9 | 255.6 | 265.3 | 271.3 | 259.3 | 231.7 | 198.1 |
| 65°   | 158.9 | 165.8 | 176.0 | 190.7 | 209.6 | 220.6 | 225.7 | 229.8 | 223.4 | 192.1 | 165.4 |
| 67.5° | 138.2 | 142.8 | 152.0 | 161.7 | 181.9 | 184.7 | 191.6 | 193.5 | 180.6 | 156.6 | 135.4 |
| 70°   | 117.5 | 122.1 | 126.2 | 137.7 | 146.9 | 152.0 | 153.4 | 153.4 | 140.5 | 124.8 | 107.3 |
| 72.5° | 98.1  | 100.9 | 105.0 | 112.9 | 117.9 | 121.6 | 123.4 | 121.1 | 109.2 | 96.3  | 83.4  |
| 75°   | 79.7  | 81.1  | 84.8  | 89.8  | 94.0  | 92.6  | 92.1  | 89.4  | 80.6  | 71.4  | 64.0  |
| 77.5° | 61.3  | 62.2  | 66.3  | 67.7  | 67.7  | 69.1  | 67.2  | 64.5  | 57.1  | 50.2  | 47.0  |
| 80°   | 46.1  | 47.4  | 47.9  | 48.8  | 47.9  | 47.9  | 46.5  | 41.9  | 38.2  | 35.0  | 32.7  |
| 82.5° | 31.8  | 32.7  | 33.2  | 31.8  | 32.7  | 31.3  | 29.0  | 25.8  | 23.5  | 23.0  | 22.1  |
| 85°   | 18.9  | 19.3  | 18.9  | 18.9  | 17.5  | 17.0  | 15.2  | 14.7  | 13.8  | 13.8  | 13.4  |
| 87.5° | 9.2   | 8.8   | 7.8   | 6.9   | 6.9   | 6.4   | 6.9   | 6.0   | 6.9   | 6.4   | 6.0   |
| 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: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 |
| 2.5°  | 599.3 | 604.3 | 604.8 | 609.4 | 608.0 | 605.7 | 609.9 | 607.1 | 612.6 | 610.8 | 613.1 |
| 5°    | 634.3 | 641.2 | 647.2 | 650.9 | 657.3 | 655.9 | 662.8 | 660.5 | 665.6 | 660.5 | 667.0 |
| 7.5°  | 675.3 | 686.8 | 692.8 | 702.4 | 705.2 | 705.7 | 714.0 | 715.8 | 719.0 | 715.8 | 719.5 |
| 10°   | 715.3 | 729.2 | 743.0 | 750.8 | 755.9 | 762.8 | 770.2 | 773.4 | 775.7 | 772.5 | 774.8 |
| 12.5° | 751.7 | 773.4 | 788.6 | 804.2 | 807.9 | 813.9 | 821.7 | 820.8 | 830.0 | 828.2 | 832.3 |
| 15°   | 785.4 | 809.3 | 827.7 | 840.2 | 850.3 | 855.4 | 870.1 | 871.0 | 870.6 | 875.2 | 872.4 |
| 17.5° | 815.3 | 835.6 | 861.8 | 877.9 | 890.4 | 890.4 | 898.7 | 915.7 | 914.3 | 913.9 | 916.6 |
| 20°   | 839.7 | 862.7 | 887.1 | 914.3 | 924.5 | 926.3 | 937.8 | 946.6 | 947.9 | 947.9 | 947.9 |
| 22.5° | 858.1 | 885.3 | 911.6 | 930.9 | 938.7 | 945.2 | 955.3 | 960.8 | 962.7 | 961.8 | 962.7 |
| 25°   | 867.3 | 893.1 | 919.9 | 937.4 | 942.0 | 945.6 | 946.6 | 949.8 | 949.3 | 943.8 | 947.0 |
| 27.5° | 869.2 | 894.1 | 911.6 | 916.2 | 913.9 | 911.6 | 896.8 | 898.2 | 894.1 | 885.8 | 889.0 |
| 30°   | 860.9 | 874.2 | 873.8 | 859.5 | 855.4 | 845.7 | 832.3 | 812.5 | 796.4 | 789.5 | 791.8 |
| 32.5° | 831.0 | 831.0 | 814.4 | 782.1 | 767.8 | 750.3 | 726.4 | 708.4 | 687.2 | 682.6 | 691.4 |
| 35°   | 789.5 | 766.0 | 735.6 | 693.2 | 671.6 | 658.7 | 617.2 | 604.3 | 586.4 | 581.3 | 585.4 |
| 37.5° | 725.0 | 685.9 | 641.6 | 602.0 | 583.6 | 560.6 | 524.2 | 505.8 | 492.9 | 484.1 | 488.3 |
| 40°   | 652.7 | 605.2 | 559.2 | 510.4 | 490.1 | 471.2 | 444.0 | 427.5 | 406.7 | 407.6 | 409.0 |
| 42.5° | 583.6 | 527.9 | 476.3 | 431.1 | 411.8 | 396.1 | 377.2 | 357.0 | 349.6 | 347.3 | 345.0 |
| 45°   | 510.4 | 450.9 | 402.6 | 369.0 | 351.5 | 336.7 | 319.2 | 307.7 | 298.9 | 297.1 | 299.4 |
| 47.5° | 441.3 | 391.1 | 345.0 | 313.7 | 299.4 | 292.0 | 278.2 | 267.6 | 262.1 | 257.5 | 260.2 |
| 50°   | 378.6 | 331.6 | 294.8 | 268.5 | 258.4 | 253.3 | 240.4 | 234.9 | 229.4 | 228.0 | 227.5 |
| 52.5° | 327.0 | 287.0 | 255.2 | 234.0 | 226.2 | 223.4 | 213.7 | 205.9 | 201.3 | 202.7 | 203.6 |
| 55°   | 280.1 | 246.0 | 221.1 | 204.1 | 197.6 | 194.4 | 187.5 | 181.9 | 178.7 | 177.3 | 178.3 |
| 57.5° | 238.6 | 209.1 | 191.2 | 177.3 | 172.3 | 170.9 | 163.5 | 161.7 | 159.4 | 158.0 | 158.0 |
| 60°   | 200.8 | 180.1 | 163.5 | 155.7 | 150.2 | 148.8 | 143.3 | 140.9 | 140.5 | 139.1 | 138.2 |
| 62.5° | 169.0 | 152.0 | 140.5 | 132.2 | 129.9 | 129.4 | 125.7 | 123.0 | 121.6 | 120.7 | 120.7 |
| 65°   | 141.4 | 129.0 | 119.3 | 113.3 | 111.5 | 110.5 | 106.4 | 105.5 | 104.6 | 103.6 | 103.2 |
| 67.5° | 117.9 | 106.9 | 100.0 | 95.8  | 93.5  | 94.0  | 91.7  | 89.8  | 89.8  | 89.4  | 88.9  |
| 70°   | 95.3  | 88.4  | 82.5  | 80.1  | 79.2  | 78.3  | 77.4  | 76.0  | 75.5  | 75.5  | 75.5  |
| 72.5° | 75.1  | 70.5  | 67.2  | 65.9  | 64.9  | 64.0  | 63.1  | 63.1  | 63.1  | 62.6  | 62.6  |
| 75°   | 57.6  | 55.7  | 53.4  | 52.0  | 52.0  | 53.0  | 51.6  | 50.2  | 48.8  | 47.9  | 48.4  |
| 77.5° | 43.3  | 42.4  | 41.0  | 38.7  | 39.2  | 38.2  | 38.2  | 37.3  | 37.8  | 37.8  | 36.8  |
| 80°   | 31.8  | 30.4  | 29.9  | 28.6  | 29.0  | 28.6  | 28.1  | 28.1  | 27.2  | 27.2  | 27.2  |
| 82.5° | 22.1  | 20.7  | 20.7  | 20.3  | 19.8  | 19.8  | 19.3  | 19.3  | 19.8  | 18.9  | 18.9  |
| 85°   | 13.4  | 12.9  | 12.9  | 12.0  | 12.0  | 12.0  | 12.0  | 12.4  | 12.0  | 11.5  | 11.5  |
| 87.5° | 6.0   | 6.4   | 6.0   | 5.5   | 5.5   | 5.5   | 5.1   | 5.1   | 4.6   | 5.1   | 5.1   |
| 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: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 571.6 | 571.6 | 571.6 | 571.6  | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 |
| 2.5°  | 614.5 | 611.2 | 610.8 | 610.8  | 605.7 | 608.5 | 602.9 | 597.0 | 594.2 | 594.2 | 589.1 |
| 5°    | 665.6 | 662.4 | 659.1 | 654.1  | 654.1 | 651.3 | 642.6 | 633.8 | 627.4 | 621.8 | 615.8 |
| 7.5°  | 718.1 | 714.9 | 705.7 | 700.6  | 703.4 | 697.8 | 686.3 | 671.6 | 660.5 | 651.8 | 639.3 |
| 10°   | 775.2 | 766.5 | 761.9 | 759.1  | 749.4 | 743.4 | 730.1 | 708.4 | 694.6 | 683.1 | 667.0 |
| 12.5° | 821.7 | 824.5 | 807.0 | 808.4  | 798.7 | 790.4 | 769.7 | 749.0 | 728.2 | 712.1 | 688.2 |
| 15°   | 871.9 | 863.7 | 853.1 | 844.8  | 841.5 | 831.4 | 813.9 | 786.3 | 763.7 | 738.4 | 711.2 |
| 17.5° | 911.6 | 905.1 | 895.0 | 887.1  | 880.2 | 855.8 | 841.1 | 816.7 | 785.8 | 760.9 | 727.8 |
| 20°   | 945.2 | 939.2 | 924.9 | 919.9  | 907.4 | 889.9 | 868.7 | 831.0 | 803.3 | 776.1 | 743.9 |
| 22.5° | 959.5 | 953.5 | 941.0 | 934.6  | 926.8 | 909.7 | 889.4 | 853.5 | 819.4 | 785.4 | 751.3 |
| 25°   | 947.5 | 947.5 | 941.5 | 939.2  | 932.3 | 917.1 | 896.4 | 866.0 | 829.6 | 792.7 | 752.2 |
| 27.5° | 889.4 | 901.0 | 905.1 | 907.4  | 907.4 | 907.9 | 893.6 | 864.1 | 828.6 | 792.7 | 750.3 |
| 30°   | 805.6 | 825.0 | 842.0 | 847.1  | 855.8 | 865.5 | 871.5 | 857.2 | 825.4 | 787.7 | 745.3 |
| 32.5° | 700.1 | 725.0 | 756.8 | 764.6  | 776.6 | 805.6 | 821.7 | 827.7 | 810.2 | 777.1 | 731.9 |
| 35°   | 595.1 | 626.4 | 645.8 | 669.7  | 680.8 | 723.6 | 759.6 | 781.2 | 777.1 | 757.3 | 716.3 |
| 37.5° | 503.5 | 521.4 | 544.9 | 570.2  | 592.4 | 633.3 | 678.0 | 719.9 | 737.0 | 727.3 | 696.5 |
| 40°   | 415.5 | 436.7 | 464.8 | 485.5  | 500.7 | 541.7 | 597.0 | 642.6 | 679.9 | 685.9 | 667.0 |
| 42.5° | 353.3 | 374.5 | 391.5 | 414.1  | 426.1 | 465.7 | 514.5 | 571.6 | 615.8 | 639.3 | 631.0 |
| 45°   | 305.4 | 318.3 | 332.1 | 345.0  | 359.7 | 394.7 | 439.9 | 502.5 | 552.3 | 585.4 | 588.7 |
| 47.5° | 263.5 | 275.0 | 287.0 | 298.9  | 307.2 | 334.4 | 375.9 | 427.0 | 481.3 | 526.9 | 544.9 |
| 50°   | 234.0 | 239.5 | 248.3 | 255.2  | 264.9 | 288.3 | 321.5 | 365.7 | 423.3 | 472.6 | 496.1 |
| 52.5° | 205.0 | 211.9 | 218.8 | 224.8  | 231.2 | 247.8 | 278.2 | 316.4 | 366.2 | 416.9 | 445.9 |
| 55°   | 180.6 | 186.1 | 192.5 | 196.7  | 200.4 | 215.1 | 238.1 | 267.6 | 310.5 | 358.4 | 394.3 |
| 57.5° | 160.8 | 163.1 | 168.6 | 170.9  | 175.0 | 187.0 | 203.6 | 229.8 | 264.4 | 310.9 | 340.4 |
| 60°   | 139.1 | 143.7 | 147.9 | 149.7  | 152.9 | 161.2 | 172.7 | 197.1 | 227.1 | 261.2 | 294.8 |
| 62.5° | 121.6 | 123.4 | 126.7 | 129.0  | 131.3 | 140.0 | 149.7 | 168.1 | 190.7 | 219.3 | 250.1 |
| 65°   | 105.5 | 106.4 | 108.2 | 111.5  | 112.9 | 119.3 | 124.8 | 138.2 | 159.4 | 181.0 | 211.9 |
| 67.5° | 88.9  | 89.8  | 92.1  | 94.0   | 95.3  | 99.5  | 105.5 | 115.2 | 126.7 | 150.6 | 167.7 |
| 70°   | 76.0  | 76.0  | 77.4  | 78.3   | 79.7  | 81.5  | 84.8  | 92.1  | 102.7 | 117.9 | 133.6 |
| 72.5° | 63.6  | 63.6  | 63.6  | 64.9   | 64.9  | 66.3  | 68.2  | 73.2  | 80.6  | 92.6  | 102.7 |
| 75°   | 49.3  | 49.7  | 50.7  | 50.7   | 51.1  | 53.0  | 54.4  | 55.7  | 59.4  | 67.2  | 76.5  |
| 77.5° | 37.3  | 38.2  | 38.7  | 37.8   | 38.7  | 38.7  | 40.5  | 42.4  | 44.2  | 46.5  | 53.4  |
| 80°   | 27.6  | 28.1  | 27.2  | 27.6   | 27.6  | 28.6  | 29.5  | 29.0  | 29.9  | 32.7  | 34.5  |
| 82.5° | 18.4  | 18.9  | 18.9  | 18.9   | 18.9  | 20.3  | 20.3  | 19.8  | 20.3  | 20.7  | 21.2  |
| 85°   | 11.5  | 11.1  | 11.1  | 11.5   | 11.1  | 11.1  | 11.5  | 12.0  | 11.5  | 12.0  | 12.4  |
| 87.5° | 5.1   | 5.1   | 5.1   | 5.1    | 4.6   | 4.6   | 5.1   | 4.6   | 5.1   | 4.6   | 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: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 571.6 | 571.6 | 571.6  | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 |
| 2.5°  | 586.4 | 584.1 | 582.7  | 582.2 | 578.1 | 575.8 | 574.4 | 573.5 | 572.1 | 568.4 | 565.2 |
| 5°    | 608.5 | 602.0 | 598.8  | 595.1 | 588.7 | 581.3 | 575.3 | 571.6 | 567.0 | 559.6 | 552.7 |
| 7.5°  | 629.2 | 619.5 | 613.1  | 608.0 | 597.0 | 585.0 | 575.3 | 567.5 | 558.7 | 548.6 | 538.9 |
| 10°   | 650.9 | 635.2 | 626.9  | 619.1 | 602.9 | 587.3 | 573.5 | 562.0 | 549.5 | 536.2 | 525.6 |
| 12.5° | 667.9 | 647.2 | 638.0  | 626.9 | 607.1 | 588.7 | 571.2 | 555.5 | 539.4 | 525.1 | 509.9 |
| 15°   | 687.7 | 661.9 | 651.3  | 637.0 | 609.9 | 585.9 | 563.3 | 546.3 | 529.7 | 508.5 | 492.4 |
| 17.5° | 699.2 | 669.3 | 654.1  | 641.6 | 612.2 | 583.1 | 556.9 | 535.7 | 516.4 | 495.2 | 478.1 |
| 20°   | 710.7 | 676.6 | 659.6  | 642.1 | 607.1 | 576.2 | 548.6 | 523.3 | 503.0 | 480.0 | 462.5 |
| 22.5° | 714.4 | 674.8 | 656.8  | 640.7 | 603.9 | 569.3 | 537.5 | 511.7 | 488.3 | 465.2 | 445.4 |
| 25°   | 714.4 | 674.3 | 653.2  | 632.4 | 593.7 | 558.3 | 526.5 | 498.4 | 472.1 | 449.1 | 429.3 |
| 27.5° | 707.0 | 665.1 | 643.0  | 624.1 | 584.1 | 545.8 | 513.1 | 482.3 | 456.9 | 433.9 | 411.3 |
| 30°   | 697.8 | 651.8 | 629.7  | 607.1 | 568.4 | 532.0 | 496.5 | 468.0 | 441.3 | 415.0 | 394.7 |
| 32.5° | 686.3 | 637.5 | 613.1  | 590.0 | 549.1 | 511.3 | 478.6 | 450.5 | 425.1 | 398.0 | 375.4 |
| 35°   | 669.7 | 616.3 | 589.1  | 568.9 | 529.2 | 490.1 | 458.8 | 431.1 | 406.7 | 378.6 | 354.2 |
| 37.5° | 648.5 | 597.0 | 569.3  | 544.4 | 503.5 | 467.5 | 438.0 | 411.3 | 387.4 | 361.6 | 334.4 |
| 40°   | 623.7 | 569.8 | 545.8  | 519.6 | 476.3 | 442.2 | 414.6 | 390.6 | 366.7 | 342.2 | 316.0 |
| 42.5° | 595.6 | 542.1 | 515.4  | 490.1 | 448.6 | 415.0 | 389.2 | 367.6 | 345.5 | 322.9 | 294.8 |
| 45°   | 562.0 | 511.7 | 486.0  | 462.0 | 421.9 | 387.4 | 363.9 | 343.2 | 324.3 | 301.2 | 276.4 |
| 47.5° | 524.2 | 480.4 | 454.2  | 428.4 | 389.2 | 359.3 | 336.2 | 318.7 | 302.6 | 279.6 | 257.0 |
| 50°   | 487.3 | 444.0 | 422.8  | 396.6 | 360.7 | 332.6 | 309.1 | 294.3 | 281.9 | 259.3 | 239.1 |
| 52.5° | 440.8 | 408.1 | 387.8  | 365.3 | 330.7 | 302.2 | 283.7 | 270.8 | 256.1 | 238.6 | 220.6 |
| 55°   | 399.8 | 369.4 | 353.3  | 332.1 | 298.0 | 272.7 | 257.0 | 245.0 | 233.5 | 217.9 | 203.6 |
| 57.5° | 353.3 | 334.4 | 318.3  | 299.9 | 266.2 | 244.6 | 230.8 | 220.6 | 210.0 | 197.1 | 185.6 |
| 60°   | 304.5 | 295.7 | 280.1  | 265.3 | 236.8 | 217.9 | 206.4 | 197.1 | 187.0 | 176.4 | 166.7 |
| 62.5° | 261.2 | 256.1 | 246.9  | 235.4 | 208.7 | 192.5 | 181.0 | 174.1 | 166.7 | 157.1 | 147.9 |
| 65°   | 220.2 | 217.9 | 209.1  | 200.8 | 182.4 | 168.1 | 158.0 | 153.8 | 145.6 | 138.2 | 129.9 |
| 67.5° | 183.8 | 181.0 | 176.0  | 172.3 | 156.6 | 143.3 | 138.2 | 132.7 | 125.7 | 120.2 | 113.3 |
| 70°   | 146.9 | 146.5 | 143.3  | 138.6 | 130.4 | 120.7 | 115.6 | 111.9 | 105.0 | 100.9 | 95.8  |
| 72.5° | 114.2 | 116.5 | 113.8  | 111.9 | 106.4 | 99.5  | 94.9  | 92.6  | 87.1  | 83.8  | 80.1  |
| 75°   | 85.2  | 87.1  | 88.4   | 85.2  | 83.8  | 80.6  | 76.5  | 74.2  | 71.4  | 66.8  | 65.4  |
| 77.5° | 58.0  | 62.2  | 62.2   | 63.1  | 63.6  | 61.7  | 58.5  | 56.7  | 53.4  | 52.5  | 50.7  |
| 80°   | 38.2  | 41.9  | 42.4   | 43.3  | 44.7  | 44.7  | 42.4  | 41.9  | 38.7  | 38.2  | 36.8  |
| 82.5° | 22.1  | 25.3  | 27.2   | 28.6  | 28.1  | 29.9  | 28.1  | 27.6  | 25.8  | 25.8  | 24.9  |
| 85°   | 12.0  | 12.4  | 13.4   | 14.3  | 15.2  | 16.1  | 16.1  | 15.7  | 15.2  | 14.7  | 13.8  |
| 87.5° | 4.6   | 4.6   | 5.1    | 4.6   | 5.1   | 6.0   | 6.4   | 6.4   | 6.0   | 5.5   | 4.6   |
| 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: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 571.6 | 571.6  | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 |
| 2.5°  | 562.4 | 561.5  | 560.6 | 556.9 | 553.7 | 548.1 | 543.5 | 541.7 | 541.2 | 541.7 | 540.3 |
| 5°    | 546.3 | 545.8  | 542.6 | 536.2 | 530.2 | 523.7 | 519.1 | 514.5 | 511.7 | 511.7 | 508.5 |
| 7.5°  | 531.1 | 527.9  | 525.1 | 516.8 | 509.9 | 501.2 | 494.2 | 490.1 | 487.8 | 482.7 | 482.7 |
| 10°   | 515.0 | 510.4  | 506.7 | 498.8 | 488.7 | 480.0 | 471.2 | 466.1 | 462.0 | 458.3 | 456.9 |
| 12.5° | 498.8 | 495.2  | 488.3 | 480.0 | 469.8 | 458.8 | 449.6 | 445.9 | 436.2 | 428.4 | 428.8 |
| 15°   | 483.6 | 475.4  | 472.1 | 460.2 | 448.2 | 437.6 | 424.2 | 413.6 | 405.8 | 400.7 | 394.3 |
| 17.5° | 466.6 | 458.3  | 452.3 | 442.2 | 426.5 | 409.9 | 397.1 | 382.8 | 374.9 | 366.2 | 362.0 |
| 20°   | 447.7 | 440.8  | 436.2 | 420.1 | 401.2 | 381.4 | 367.1 | 358.4 | 349.6 | 343.2 | 339.5 |
| 22.5° | 431.6 | 422.8  | 417.3 | 395.7 | 374.9 | 355.1 | 344.1 | 336.7 | 329.3 | 323.8 | 322.0 |
| 25°   | 410.9 | 405.8  | 392.4 | 373.6 | 348.2 | 334.9 | 325.2 | 315.5 | 311.4 | 307.7 | 303.5 |
| 27.5° | 393.8 | 381.4  | 372.2 | 347.3 | 331.6 | 316.4 | 306.8 | 299.4 | 294.3 | 290.6 | 287.4 |
| 30°   | 372.6 | 361.1  | 348.2 | 327.5 | 313.2 | 298.9 | 290.2 | 284.2 | 278.7 | 276.4 | 273.6 |
| 32.5° | 350.5 | 339.9  | 327.5 | 310.9 | 293.4 | 282.4 | 275.4 | 269.0 | 265.3 | 263.0 | 259.8 |
| 35°   | 330.7 | 317.4  | 309.1 | 293.4 | 279.1 | 266.7 | 260.2 | 254.7 | 250.6 | 249.7 | 249.2 |
| 37.5° | 309.5 | 299.4  | 291.6 | 275.4 | 263.5 | 252.9 | 246.9 | 240.9 | 238.6 | 238.1 | 236.3 |
| 40°   | 291.1 | 282.4  | 275.0 | 259.8 | 246.9 | 237.2 | 232.6 | 228.9 | 226.6 | 226.6 | 226.2 |
| 42.5° | 275.0 | 265.8  | 258.4 | 244.6 | 233.1 | 224.3 | 219.3 | 215.6 | 214.6 | 215.1 | 214.6 |
| 45°   | 257.0 | 249.2  | 241.8 | 227.5 | 217.9 | 211.4 | 205.9 | 204.1 | 202.7 | 203.1 | 203.6 |
| 47.5° | 240.0 | 233.5  | 226.2 | 214.6 | 203.6 | 196.7 | 193.5 | 191.6 | 191.6 | 191.6 | 192.5 |
| 50°   | 224.8 | 217.4  | 211.0 | 199.0 | 188.9 | 183.3 | 180.6 | 178.3 | 178.7 | 179.2 | 179.6 |
| 52.5° | 206.8 | 200.4  | 195.8 | 183.8 | 176.4 | 169.5 | 166.3 | 166.7 | 166.3 | 166.3 | 167.2 |
| 55°   | 191.2 | 184.7  | 180.1 | 169.0 | 161.7 | 157.1 | 154.3 | 152.9 | 153.4 | 152.5 | 154.3 |
| 57.5° | 173.7 | 168.1  | 164.9 | 154.3 | 147.9 | 143.7 | 141.4 | 139.1 | 140.0 | 139.6 | 139.1 |
| 60°   | 158.5 | 152.0  | 146.9 | 139.6 | 134.0 | 129.0 | 127.6 | 125.3 | 126.2 | 125.3 | 124.8 |
| 62.5° | 140.9 | 135.9  | 132.2 | 124.8 | 120.2 | 116.1 | 112.9 | 111.5 | 111.0 | 109.6 | 108.2 |
| 65°   | 123.4 | 120.7  | 117.0 | 109.6 | 105.0 | 101.8 | 100.0 | 98.6  | 98.1  | 94.4  | 90.3  |
| 67.5° | 107.3 | 105.5  | 101.8 | 96.3  | 92.1  | 88.9  | 86.1  | 83.8  | 81.1  | 78.3  | 76.0  |
| 70°   | 92.1  | 89.4   | 87.1  | 82.0  | 78.3  | 75.1  | 72.3  | 69.6  | 68.2  | 65.4  | 64.5  |
| 72.5° | 77.4  | 74.6   | 72.3  | 67.7  | 64.5  | 61.3  | 60.3  | 57.1  | 55.7  | 55.3  | 55.3  |
| 75°   | 62.2  | 59.9   | 58.5  | 54.4  | 51.6  | 49.3  | 47.9  | 47.0  | 46.1  | 45.1  | 43.8  |
| 77.5° | 47.4  | 46.1   | 45.1  | 42.4  | 40.1  | 38.7  | 38.2  | 35.0  | 34.1  | 33.2  | 32.2  |
| 80°   | 34.5  | 34.1   | 33.2  | 30.9  | 29.9  | 26.7  | 26.7  | 25.8  | 25.3  | 25.3  | 25.3  |
| 82.5° | 23.5  | 22.6   | 22.1  | 19.8  | 19.3  | 18.9  | 18.4  | 18.0  | 18.4  | 18.0  | 18.4  |
| 85°   | 12.4  | 12.0   | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.1  | 11.5  |
| 87.5° | 4.6   | 4.6    | 4.6   | 4.6   | 4.1   | 4.6   | 4.6   | 4.1   | 4.6   | 4.6   | 4.6   |
| 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: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°    | 571.6  | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6  |
| 2.5°  | 540.3  | 542.1 | 539.8 | 541.2 | 538.0 | 537.5 | 538.0 | 538.0 | 538.5 | 538.9 | 539.4  |
| 5°    | 509.9  | 509.4 | 506.7 | 504.8 | 503.5 | 504.8 | 505.8 | 506.7 | 505.8 | 506.7 | 507.1  |
| 7.5°  | 481.3  | 480.0 | 478.6 | 475.4 | 476.3 | 475.4 | 478.1 | 476.7 | 476.7 | 479.0 | 480.9  |
| 10°   | 456.0  | 453.2 | 452.3 | 448.6 | 445.9 | 445.4 | 448.6 | 450.0 | 451.4 | 452.3 | 456.0  |
| 12.5° | 423.3  | 419.2 | 415.9 | 417.3 | 409.5 | 412.7 | 413.6 | 411.8 | 417.3 | 423.8 | 420.1  |
| 15°   | 388.3  | 388.8 | 382.3 | 380.0 | 373.6 | 375.4 | 375.9 | 380.5 | 385.1 | 384.6 | 390.1  |
| 17.5° | 362.5  | 359.7 | 354.2 | 353.8 | 351.0 | 352.4 | 351.9 | 355.6 | 354.2 | 356.5 | 361.1  |
| 20°   | 338.6  | 336.7 | 332.1 | 330.3 | 331.2 | 330.3 | 330.7 | 331.2 | 332.6 | 337.6 | 336.7  |
| 22.5° | 319.7  | 317.4 | 317.4 | 315.1 | 312.3 | 311.4 | 313.7 | 315.1 | 316.9 | 317.8 | 320.1  |
| 25°   | 303.1  | 301.2 | 298.9 | 297.6 | 295.3 | 295.7 | 297.1 | 298.9 | 300.3 | 302.2 | 304.0  |
| 27.5° | 286.0  | 286.0 | 283.7 | 283.3 | 282.4 | 281.9 | 283.7 | 284.7 | 284.7 | 286.0 | 287.9  |
| 30°   | 272.7  | 272.7 | 270.4 | 269.9 | 269.5 | 269.5 | 270.8 | 271.3 | 271.8 | 273.1 | 274.1  |
| 32.5° | 259.8  | 259.3 | 258.4 | 258.9 | 258.4 | 258.9 | 258.9 | 259.3 | 260.2 | 260.7 | 262.6  |
| 35°   | 247.8  | 248.3 | 247.4 | 247.4 | 246.9 | 247.4 | 248.3 | 248.7 | 249.2 | 250.1 | 250.1  |
| 37.5° | 236.3  | 237.2 | 236.8 | 238.1 | 238.1 | 238.1 | 238.1 | 239.1 | 239.1 | 239.1 | 238.6  |
| 40°   | 226.2  | 226.2 | 225.7 | 226.6 | 227.5 | 227.5 | 228.0 | 228.0 | 228.5 | 228.5 | 228.0  |
| 42.5° | 214.6  | 215.6 | 217.0 | 217.4 | 218.3 | 217.9 | 219.3 | 218.8 | 219.3 | 218.3 | 217.4  |
| 45°   | 204.1  | 204.1 | 205.9 | 207.7 | 208.2 | 208.2 | 208.2 | 209.1 | 208.2 | 206.8 | 206.4  |
| 47.5° | 192.5  | 193.5 | 194.4 | 196.7 | 197.1 | 197.1 | 197.1 | 197.1 | 196.2 | 196.2 | 196.2  |
| 50°   | 181.0  | 181.5 | 181.9 | 182.9 | 184.2 | 183.8 | 183.8 | 183.8 | 185.6 | 183.8 | 184.2  |
| 52.5° | 167.2  | 167.7 | 168.1 | 170.0 | 169.5 | 169.5 | 170.0 | 170.0 | 171.3 | 170.9 | 170.0  |
| 55°   | 153.4  | 153.4 | 154.3 | 154.3 | 154.3 | 155.2 | 155.7 | 156.6 | 156.1 | 156.6 | 157.1  |
| 57.5° | 139.6  | 138.6 | 138.2 | 138.2 | 139.6 | 139.1 | 139.6 | 139.6 | 141.4 | 142.3 | 142.8  |
| 60°   | 123.4  | 123.4 | 123.0 | 120.2 | 120.2 | 119.8 | 121.1 | 122.1 | 123.0 | 127.1 | 126.7  |
| 62.5° | 106.9  | 105.0 | 103.2 | 103.6 | 100.9 | 102.3 | 101.3 | 102.3 | 105.0 | 108.2 | 108.7  |
| 65°   | 90.3   | 88.9  | 87.1  | 86.6  | 85.7  | 87.1  | 86.6  | 87.1  | 88.4  | 90.3  | 92.6   |
| 67.5° | 75.5   | 75.1  | 74.2  | 73.7  | 73.7  | 73.7  | 74.6  | 74.6  | 75.1  | 76.5  | 77.8   |
| 70°   | 64.5   | 64.0  | 64.5  | 63.6  | 64.0  | 63.6  | 64.0  | 64.5  | 64.9  | 65.4  | 66.8   |
| 72.5° | 54.4   | 54.4  | 54.4  | 53.4  | 54.4  | 53.9  | 53.9  | 54.4  | 54.8  | 55.3  | 56.2   |
| 75°   | 43.3   | 42.4  | 41.5  | 40.5  | 40.1  | 41.0  | 41.5  | 41.0  | 42.4  | 44.2  | 44.2   |
| 77.5° | 32.7   | 32.2  | 32.2  | 32.2  | 32.7  | 32.2  | 33.2  | 32.7  | 33.2  | 33.2  | 34.1   |
| 80°   | 25.3   | 24.9  | 25.3  | 25.3  | 24.9  | 25.8  | 25.3  | 25.3  | 25.8  | 26.3  | 25.8   |
| 82.5° | 18.4   | 18.9  | 18.4  | 18.4  | 18.4  | 19.3  | 18.4  | 18.4  | 18.4  | 18.9  | 18.9   |
| 85°   | 11.5   | 11.5  | 11.5  | 11.5  | 12.0  | 11.5  | 12.0  | 11.5  | 12.4  | 12.0  | 12.0   |
| 87.5° | 4.1    | 4.6   | 5.1   | 5.1   | 5.1   | 5.1   | 4.6   | 5.1   | 5.5   | 5.1   | 5.5    |
| 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: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°    | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6 | 571.6  | 571.6 |
| 2.5°  | 541.2 | 543.5 | 542.6 | 539.4 | 540.8 | 543.5 | 546.3 | 550.0 | 552.3 | 554.1  | 555.0 |
| 5°    | 509.4 | 513.6 | 512.7 | 512.7 | 514.5 | 519.1 | 523.7 | 531.6 | 534.3 | 537.5  | 542.1 |
| 7.5°  | 481.3 | 484.6 | 487.3 | 488.3 | 491.0 | 497.0 | 503.0 | 511.7 | 518.7 | 522.3  | 525.1 |
| 10°   | 456.5 | 458.8 | 462.9 | 465.2 | 468.0 | 475.4 | 484.1 | 493.3 | 500.2 | 506.7  | 510.4 |
| 12.5° | 424.7 | 433.9 | 439.4 | 443.1 | 446.8 | 457.9 | 464.8 | 474.9 | 483.2 | 489.2  | 494.7 |
| 15°   | 389.2 | 400.3 | 403.5 | 417.8 | 427.0 | 435.7 | 446.3 | 458.3 | 466.1 | 473.1  | 480.4 |
| 17.5° | 359.3 | 367.1 | 370.8 | 386.0 | 393.8 | 407.6 | 422.8 | 438.0 | 450.0 | 455.1  | 462.5 |
| 20°   | 340.4 | 344.5 | 351.9 | 357.0 | 365.3 | 381.4 | 398.0 | 416.4 | 434.4 | 439.4  | 446.8 |
| 22.5° | 321.0 | 326.6 | 331.6 | 338.6 | 345.0 | 356.1 | 372.6 | 392.9 | 412.3 | 421.5  | 430.2 |
| 25°   | 303.5 | 309.1 | 312.3 | 319.7 | 325.7 | 336.7 | 348.2 | 369.0 | 392.0 | 399.8  | 413.6 |
| 27.5° | 289.7 | 293.0 | 298.5 | 301.7 | 308.6 | 318.7 | 329.3 | 345.0 | 367.6 | 380.9  | 394.3 |
| 30°   | 275.9 | 278.2 | 282.8 | 287.4 | 292.5 | 299.4 | 311.4 | 326.6 | 347.3 | 358.8  | 372.2 |
| 32.5° | 262.1 | 265.8 | 268.5 | 271.8 | 277.3 | 285.6 | 293.9 | 308.6 | 325.2 | 338.1  | 351.5 |
| 35°   | 250.6 | 252.0 | 255.6 | 259.3 | 263.0 | 270.4 | 279.1 | 293.4 | 308.2 | 318.3  | 330.3 |
| 37.5° | 238.1 | 240.4 | 243.2 | 244.6 | 250.6 | 255.2 | 264.4 | 275.4 | 293.0 | 299.4  | 311.4 |
| 40°   | 228.5 | 228.0 | 230.8 | 233.1 | 235.8 | 243.2 | 248.7 | 260.7 | 274.5 | 284.7  | 292.0 |
| 42.5° | 216.5 | 216.5 | 217.4 | 220.2 | 223.9 | 228.5 | 234.9 | 245.0 | 259.3 | 266.7  | 275.4 |
| 45°   | 206.8 | 205.4 | 205.9 | 207.7 | 210.0 | 214.6 | 221.1 | 229.8 | 244.1 | 250.1  | 259.3 |
| 47.5° | 195.3 | 193.9 | 193.9 | 195.8 | 197.6 | 200.8 | 205.9 | 216.0 | 227.5 | 235.4  | 242.3 |
| 50°   | 182.4 | 182.9 | 182.4 | 183.8 | 184.7 | 187.9 | 193.5 | 201.7 | 212.3 | 218.8  | 226.6 |
| 52.5° | 170.4 | 169.5 | 169.0 | 170.0 | 171.8 | 174.1 | 180.1 | 187.5 | 197.6 | 204.1  | 211.0 |
| 55°   | 155.7 | 156.6 | 156.6 | 156.6 | 159.4 | 160.3 | 164.9 | 172.3 | 182.4 | 187.5  | 193.9 |
| 57.5° | 142.3 | 141.9 | 142.8 | 142.3 | 144.6 | 147.9 | 151.5 | 157.1 | 167.2 | 172.3  | 178.3 |
| 60°   | 127.6 | 128.1 | 128.5 | 128.5 | 130.4 | 133.6 | 137.7 | 142.8 | 151.1 | 156.1  | 161.7 |
| 62.5° | 109.6 | 111.9 | 114.2 | 115.2 | 117.9 | 120.2 | 123.0 | 128.5 | 135.9 | 139.6  | 144.6 |
| 65°   | 92.6  | 95.8  | 99.0  | 101.3 | 103.2 | 105.5 | 109.2 | 114.2 | 120.2 | 123.9  | 129.0 |
| 67.5° | 77.8  | 80.1  | 84.3  | 86.6  | 90.3  | 93.0  | 95.3  | 99.5  | 106.9 | 108.2  | 112.4 |
| 70°   | 67.2  | 68.2  | 70.0  | 71.9  | 76.0  | 78.3  | 81.1  | 85.2  | 90.7  | 94.0   | 96.3  |
| 72.5° | 56.7  | 57.1  | 58.0  | 59.9  | 61.7  | 64.5  | 67.7  | 71.4  | 76.5  | 77.8   | 81.1  |
| 75°   | 45.1  | 47.9  | 47.9  | 49.3  | 50.7  | 52.0  | 54.8  | 58.5  | 61.7  | 64.0   | 65.9  |
| 77.5° | 33.6  | 35.0  | 35.9  | 38.2  | 40.1  | 41.5  | 43.3  | 46.1  | 47.9  | 49.7   | 51.1  |
| 80°   | 26.3  | 26.7  | 27.2  | 27.2  | 28.1  | 29.9  | 31.8  | 33.6  | 35.9  | 36.8   | 38.2  |
| 82.5° | 19.3  | 19.3  | 19.3  | 20.3  | 20.7  | 21.2  | 21.2  | 22.1  | 24.4  | 25.3   | 26.7  |
| 85°   | 12.4  | 12.4  | 12.4  | 12.4  | 12.9  | 13.4  | 13.8  | 14.3  | 14.3  | 14.3   | 15.2  |
| 87.5° | 5.1   | 6.0   | 5.5   | 6.0   | 6.0   | 6.0   | 6.0   | 6.4   | 6.4   | 6.9    | 6.9   |
| 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: P1037881

CATALOG NUMBER: S124RDS-B350DB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|
| 0°    | 571.6 | 571.6 | 571.6 | 571.6 |
| 2.5°  | 558.7 | 561.5 | 566.1 | 572.5 |
| 5°    | 545.8 | 553.7 | 561.0 | 570.7 |
| 7.5°  | 534.3 | 543.5 | 553.7 | 567.5 |
| 10°   | 521.0 | 532.5 | 545.4 | 562.4 |
| 12.5° | 505.3 | 521.4 | 536.2 | 554.6 |
| 15°   | 493.8 | 505.8 | 524.6 | 546.3 |
| 17.5° | 477.7 | 493.8 | 512.7 | 537.1 |
| 20°   | 462.5 | 479.5 | 500.7 | 526.0 |
| 22.5° | 446.3 | 465.7 | 486.9 | 514.0 |
| 25°   | 429.8 | 450.5 | 471.7 | 500.7 |
| 27.5° | 414.6 | 433.4 | 457.4 | 486.9 |
| 30°   | 396.1 | 417.8 | 440.8 | 471.7 |
| 32.5° | 378.2 | 400.7 | 424.2 | 455.1 |
| 35°   | 358.8 | 381.4 | 407.2 | 436.7 |
| 37.5° | 339.9 | 364.8 | 388.3 | 416.9 |
| 40°   | 319.2 | 345.0 | 369.4 | 398.4 |
| 42.5° | 298.9 | 325.7 | 350.1 | 374.9 |
| 45°   | 280.1 | 306.3 | 328.4 | 351.9 |
| 47.5° | 262.1 | 285.6 | 308.2 | 329.3 |
| 50°   | 244.6 | 264.4 | 285.1 | 302.6 |
| 52.5° | 226.2 | 245.0 | 261.6 | 277.3 |
| 55°   | 209.6 | 224.3 | 239.1 | 253.3 |
| 57.5° | 189.8 | 204.5 | 217.4 | 228.5 |
| 60°   | 173.2 | 182.4 | 194.8 | 206.4 |
| 62.5° | 154.3 | 164.9 | 174.6 | 181.9 |
| 65°   | 135.9 | 145.1 | 152.5 | 158.9 |
| 67.5° | 120.2 | 125.7 | 131.3 | 138.2 |
| 70°   | 101.3 | 105.9 | 112.4 | 117.5 |
| 72.5° | 85.2  | 88.9  | 92.1  | 98.1  |
| 75°   | 69.1  | 72.3  | 74.2  | 79.7  |
| 77.5° | 53.4  | 56.7  | 58.0  | 61.3  |
| 80°   | 41.0  | 41.5  | 43.3  | 46.1  |
| 82.5° | 28.1  | 29.0  | 29.5  | 31.8  |
| 85°   | 16.1  | 18.4  | 18.0  | 18.9  |
| 87.5° | 6.9   | 7.4   | 8.3   | 9.2   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)