

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: P1037903

Luminaire Tested: S124RDS-B575DB35-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037903  
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-B575DB35-4F0-XX-W2A-A  
Description: Define 4 Regressed Direct Surface with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

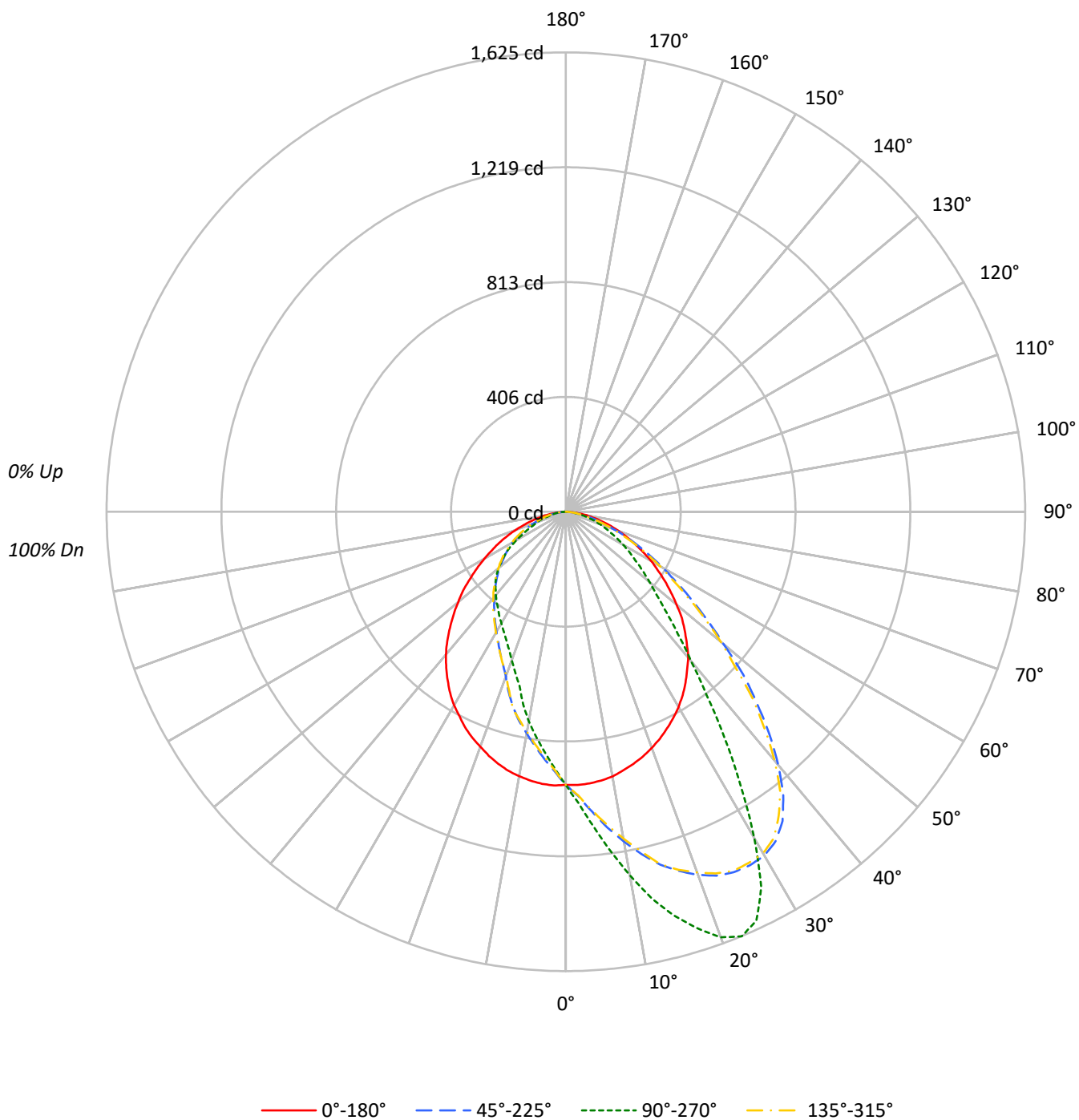
Lumens per Lamp: N/A  
Luminaire Lumens: 2442.0 lumens  
Efficiency: N/A  
Efficacy: 101.7 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular (W 0.33' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 24  
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: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |     |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 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°  | 7877 | 7877  | 7877 | 7877 |
| 5°  | 7895 | 9138  | 7907 | 6984 |
| 10° | 7870 | 10809 | 7864 | 6233 |
| 15° | 7794 | 12486 | 7794 | 5356 |
| 20° | 7715 | 13902 | 7674 | 4843 |
| 25° | 7613 | 14351 | 7579 | 4496 |
| 30° | 7505 | 12563 | 7447 | 4288 |
| 35° | 7346 | 9780  | 7253 | 4161 |
| 40° | 7167 | 7333  | 7027 | 4093 |
| 45° | 6858 | 5790  | 6688 | 4057 |
| 50° | 6488 | 4888  | 6310 | 3940 |
| 55° | 6086 | 4261  | 5887 | 3729 |
| 60° | 5687 | 3834  | 5434 | 3301 |
| 65° | 5183 | 3379  | 5017 | 2838 |
| 70° | 4733 | 3045  | 4511 | 2561 |
| 75° | 4244 | 2552  | 3948 | 2183 |
| 80° | 3653 | 2155  | 3325 | 2047 |
| 85° | 2985 | 1824  | 2479 | 1824 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 11778 cd/sqm

TEST NUMBER: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 93.5   | 3.8       |
| 10°-20°   | 282.5  | 11.6      |
| 20°-30°   | 442.5  | 18.1      |
| 30°-40°   | 491.4  | 20.1      |
| 40°-50°   | 435.4  | 17.8      |
| 50°-60°   | 339.3  | 13.9      |
| 60°-70°   | 222.0  | 9.1       |
| 70°-80°   | 108.9  | 4.5       |
| 80°-90°   | 26.5   | 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°    | 818.5  | 33.5      |
| 0°-40°    | 1309.9 | 53.6      |
| 0°-60°    | 2084.6 | 85.4      |
| 0°-90°    | 2442.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2442.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90°  | 180° | 270° | 360° | Flux |
|-----|-----|------|------|------|------|------|
| 0°  | 966 | 966  | 966  | 966  | 966  |      |
| 5°  | 964 | 1116 | 966  | 853  | 964  | 92   |
| 15° | 923 | 1479 | 923  | 634  | 923  | 260  |
| 25° | 846 | 1595 | 842  | 500  | 846  | 390  |
| 35° | 738 | 982  | 729  | 418  | 738  | 461  |
| 45° | 595 | 502  | 580  | 352  | 595  | 459  |
| 55° | 428 | 300  | 414  | 262  | 428  | 383  |
| 65° | 269 | 175  | 260  | 147  | 269  | 268  |
| 75° | 135 | 81   | 125  | 69   | 135  | 143  |
| 85° | 32  | 20   | 26   | 20   | 32   | 38   |
| 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°    | 966.0 | 966.0 | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  |
| 2.5°  | 967.6 | 976.1 | 980.8  | 984.7  | 992.5  | 995.6  | 1001.8 | 1003.4 | 1009.6 | 1008.8 | 1006.5 |
| 5°    | 964.5 | 979.3 | 990.2  | 1001.8 | 1015.8 | 1023.6 | 1032.2 | 1044.6 | 1050.9 | 1059.4 | 1064.9 |
| 7.5°  | 959.0 | 979.3 | 997.2  | 1015.1 | 1037.6 | 1050.1 | 1061.0 | 1080.5 | 1096.8 | 1110.8 | 1126.4 |
| 10°   | 950.5 | 976.1 | 1002.6 | 1026.7 | 1057.9 | 1072.7 | 1089.0 | 1117.8 | 1140.4 | 1159.9 | 1184.8 |
| 12.5° | 937.2 | 973.0 | 1002.6 | 1035.3 | 1075.0 | 1095.2 | 1117.0 | 1151.3 | 1177.8 | 1209.7 | 1240.8 |
| 15°   | 923.2 | 962.9 | 1001.8 | 1044.6 | 1089.8 | 1113.1 | 1134.9 | 1180.9 | 1221.3 | 1257.9 | 1292.2 |
| 17.5° | 907.6 | 951.2 | 994.0  | 1041.5 | 1096.0 | 1124.8 | 1150.5 | 1205.8 | 1250.2 | 1297.6 | 1331.9 |
| 20°   | 889.0 | 936.4 | 985.5  | 1038.4 | 1099.9 | 1131.8 | 1160.6 | 1223.7 | 1272.7 | 1324.1 | 1366.9 |
| 22.5° | 868.7 | 920.1 | 973.8  | 1031.4 | 1095.2 | 1130.3 | 1163.7 | 1231.5 | 1288.3 | 1335.8 | 1393.4 |
| 25°   | 846.1 | 900.6 | 955.9  | 1016.6 | 1088.2 | 1126.4 | 1160.6 | 1227.6 | 1288.3 | 1350.6 | 1406.6 |
| 27.5° | 822.8 | 878.8 | 936.4  | 1000.3 | 1073.4 | 1110.8 | 1149.7 | 1214.3 | 1285.2 | 1352.9 | 1409.7 |
| 30°   | 797.1 | 851.6 | 912.3  | 973.0  | 1050.9 | 1088.2 | 1127.9 | 1198.0 | 1275.1 | 1342.8 | 1404.3 |
| 32.5° | 769.1 | 825.1 | 882.7  | 945.8  | 1022.1 | 1062.6 | 1099.1 | 1178.5 | 1257.2 | 1324.1 | 1381.7 |
| 35°   | 737.9 | 790.9 | 845.4  | 910.0  | 985.5  | 1022.1 | 1065.7 | 1148.2 | 1227.6 | 1298.4 | 1335.8 |
| 37.5° | 704.5 | 755.1 | 805.7  | 869.5  | 941.9  | 986.3  | 1029.1 | 1112.4 | 1196.4 | 1243.9 | 1263.4 |
| 40°   | 673.3 | 717.7 | 762.1  | 823.6  | 896.7  | 942.7  | 986.3  | 1072.7 | 1146.6 | 1183.2 | 1168.4 |
| 42.5° | 633.6 | 679.6 | 719.3  | 776.1  | 850.0  | 892.9  | 937.2  | 1026.7 | 1086.7 | 1101.5 | 1064.9 |
| 45°   | 594.7 | 632.9 | 671.0  | 726.3  | 804.1  | 840.7  | 888.2  | 971.5  | 1021.3 | 1008.1 | 954.3  |
| 47.5° | 556.6 | 587.7 | 623.5  | 677.2  | 747.3  | 790.9  | 835.3  | 907.6  | 942.7  | 924.0  | 849.3  |
| 50°   | 511.4 | 542.6 | 579.9  | 626.6  | 694.4  | 736.4  | 771.4  | 838.4  | 864.8  | 818.9  | 728.6  |
| 52.5° | 468.6 | 495.9 | 527.8  | 571.4  | 636.0  | 674.1  | 712.3  | 769.9  | 778.4  | 725.5  | 630.5  |
| 55°   | 428.1 | 449.9 | 483.4  | 518.4  | 577.6  | 618.1  | 644.5  | 693.6  | 691.2  | 625.1  | 543.3  |
| 57.5° | 386.1 | 406.3 | 428.9  | 465.5  | 521.5  | 551.9  | 580.7  | 623.5  | 600.9  | 544.9  | 463.9  |
| 60°   | 348.7 | 360.4 | 383.0  | 418.0  | 465.5  | 492.0  | 514.5  | 537.9  | 518.4  | 457.7  | 395.4  |
| 62.5° | 307.5 | 320.7 | 337.1  | 365.1  | 407.1  | 432.0  | 448.4  | 458.5  | 438.3  | 391.5  | 334.7  |
| 65°   | 268.6 | 280.2 | 297.4  | 322.3  | 354.2  | 372.9  | 381.4  | 388.4  | 377.5  | 324.6  | 279.5  |
| 67.5° | 233.5 | 241.3 | 256.9  | 273.2  | 307.5  | 312.1  | 323.8  | 326.9  | 305.1  | 264.7  | 228.9  |
| 70°   | 198.5 | 206.3 | 213.3  | 232.7  | 248.3  | 256.9  | 259.2  | 259.2  | 237.4  | 211.0  | 181.4  |
| 72.5° | 165.8 | 170.5 | 177.5  | 190.7  | 199.3  | 205.5  | 208.6  | 204.7  | 184.5  | 162.7  | 140.9  |
| 75°   | 134.7 | 137.0 | 143.2  | 151.8  | 158.8  | 156.5  | 155.7  | 151.0  | 136.2  | 120.7  | 108.2  |
| 77.5° | 103.5 | 105.1 | 112.1  | 114.4  | 114.4  | 116.8  | 113.7  | 109.0  | 96.5   | 84.8   | 79.4   |
| 80°   | 77.8  | 80.2  | 81.0   | 82.5   | 81.0   | 81.0   | 78.6   | 70.8   | 64.6   | 59.2   | 55.3   |
| 82.5° | 53.7  | 55.3  | 56.0   | 53.7   | 55.3   | 52.9   | 49.0   | 43.6   | 39.7   | 38.9   | 37.4   |
| 85°   | 31.9  | 32.7  | 31.9   | 31.9   | 29.6   | 28.8   | 25.7   | 24.9   | 23.4   | 23.4   | 22.6   |
| 87.5° | 15.6  | 14.8  | 13.2   | 11.7   | 11.7   | 10.9   | 11.7   | 10.1   | 11.7   | 10.9   | 10.1   |
| 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°    | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  |
| 2.5°  | 1012.7 | 1021.3 | 1022.1 | 1029.9 | 1027.5 | 1023.6 | 1030.6 | 1026.0 | 1035.3 | 1032.2 | 1036.1 |
| 5°    | 1071.9 | 1083.6 | 1093.7 | 1099.9 | 1110.8 | 1108.5 | 1120.2 | 1116.3 | 1124.8 | 1116.3 | 1127.2 |
| 7.5°  | 1141.2 | 1160.6 | 1170.8 | 1187.1 | 1191.8 | 1192.5 | 1206.6 | 1209.7 | 1215.1 | 1209.7 | 1215.9 |
| 10°   | 1208.9 | 1232.2 | 1255.6 | 1268.8 | 1277.4 | 1289.1 | 1301.5 | 1307.0 | 1310.9 | 1305.4 | 1309.3 |
| 12.5° | 1270.4 | 1307.0 | 1332.7 | 1359.1 | 1365.4 | 1375.5 | 1388.7 | 1387.2 | 1402.7 | 1399.6 | 1406.6 |
| 15°   | 1327.2 | 1367.7 | 1398.8 | 1419.8 | 1437.0 | 1445.5 | 1470.4 | 1472.0 | 1471.2 | 1479.0 | 1474.3 |
| 17.5° | 1377.8 | 1412.1 | 1456.4 | 1483.7 | 1504.7 | 1504.7 | 1518.7 | 1547.5 | 1545.2 | 1544.4 | 1549.1 |
| 20°   | 1419.1 | 1458.0 | 1499.2 | 1545.2 | 1562.3 | 1565.4 | 1584.9 | 1599.7 | 1602.0 | 1602.0 | 1602.0 |
| 22.5° | 1450.2 | 1496.1 | 1540.5 | 1573.2 | 1586.4 | 1597.3 | 1614.5 | 1623.8 | 1626.9 | 1625.4 | 1626.9 |
| 25°   | 1465.8 | 1509.4 | 1554.5 | 1584.1 | 1591.9 | 1598.1 | 1599.7 | 1605.1 | 1604.3 | 1595.0 | 1600.4 |
| 27.5° | 1468.9 | 1510.9 | 1540.5 | 1548.3 | 1544.4 | 1540.5 | 1515.6 | 1517.9 | 1510.9 | 1496.9 | 1502.4 |
| 30°   | 1454.9 | 1477.5 | 1476.7 | 1452.5 | 1445.5 | 1429.2 | 1406.6 | 1373.1 | 1345.9 | 1334.2 | 1338.1 |
| 32.5° | 1404.3 | 1404.3 | 1376.3 | 1321.8 | 1297.6 | 1268.1 | 1227.6 | 1197.2 | 1161.4 | 1153.6 | 1168.4 |
| 35°   | 1334.2 | 1294.5 | 1243.1 | 1171.5 | 1134.9 | 1113.1 | 1043.1 | 1021.3 | 990.9  | 982.4  | 989.4  |
| 37.5° | 1225.2 | 1159.1 | 1084.3 | 1017.4 | 986.3  | 947.3  | 885.8  | 854.7  | 832.9  | 818.1  | 825.1  |
| 40°   | 1103.0 | 1022.9 | 945.0  | 862.5  | 828.2  | 796.3  | 750.4  | 722.4  | 687.3  | 688.9  | 691.2  |
| 42.5° | 986.3  | 892.1  | 804.9  | 728.6  | 695.9  | 669.4  | 637.5  | 603.3  | 590.8  | 586.9  | 583.0  |
| 45°   | 862.5  | 762.1  | 680.3  | 623.5  | 593.9  | 569.0  | 539.4  | 520.0  | 505.2  | 502.1  | 506.0  |
| 47.5° | 745.7  | 660.9  | 583.0  | 530.1  | 506.0  | 493.5  | 470.2  | 452.3  | 442.9  | 435.1  | 439.8  |
| 50°   | 639.9  | 560.5  | 498.2  | 453.8  | 436.7  | 428.1  | 406.3  | 397.0  | 387.7  | 385.3  | 384.5  |
| 52.5° | 552.7  | 485.0  | 431.2  | 395.4  | 382.2  | 377.5  | 361.2  | 348.0  | 340.2  | 342.5  | 344.1  |
| 55°   | 473.3  | 415.7  | 373.6  | 344.8  | 333.9  | 328.5  | 316.8  | 307.5  | 302.0  | 299.7  | 301.3  |
| 57.5° | 403.2  | 353.4  | 323.0  | 299.7  | 291.1  | 288.8  | 276.3  | 273.2  | 269.3  | 267.0  | 267.0  |
| 60°   | 339.4  | 304.4  | 276.3  | 263.1  | 253.8  | 251.4  | 242.1  | 238.2  | 237.4  | 235.1  | 233.5  |
| 62.5° | 285.7  | 256.9  | 237.4  | 223.4  | 219.5  | 218.7  | 212.5  | 207.8  | 205.5  | 203.9  | 203.9  |
| 65°   | 239.0  | 218.0  | 201.6  | 191.5  | 188.4  | 186.8  | 179.8  | 178.3  | 176.7  | 175.1  | 174.4  |
| 67.5° | 199.3  | 180.6  | 168.9  | 161.9  | 158.0  | 158.8  | 154.9  | 151.8  | 151.8  | 151.0  | 150.2  |
| 70°   | 161.1  | 149.5  | 139.3  | 135.4  | 133.9  | 132.3  | 130.8  | 128.4  | 127.7  | 127.7  | 127.7  |
| 72.5° | 126.9  | 119.1  | 113.7  | 111.3  | 109.8  | 108.2  | 106.6  | 106.6  | 106.6  | 105.9  | 105.9  |
| 75°   | 97.3   | 94.2   | 90.3   | 88.0   | 88.0   | 89.5   | 87.2   | 84.8   | 82.5   | 81.0   | 81.7   |
| 77.5° | 73.2   | 71.6   | 69.3   | 65.4   | 66.2   | 64.6   | 64.6   | 63.1   | 63.8   | 63.8   | 62.3   |
| 80°   | 53.7   | 51.4   | 50.6   | 48.3   | 49.0   | 48.3   | 47.5   | 47.5   | 45.9   | 45.9   | 45.9   |
| 82.5° | 37.4   | 35.0   | 35.0   | 34.3   | 33.5   | 33.5   | 32.7   | 32.7   | 33.5   | 31.9   | 31.9   |
| 85°   | 22.6   | 21.8   | 21.8   | 20.2   | 20.2   | 20.2   | 20.2   | 21.0   | 20.2   | 19.5   | 19.5   |
| 87.5° | 10.1   | 10.9   | 10.1   | 9.3    | 9.3    | 9.3    | 8.6    | 8.6    | 7.8    | 8.6    | 8.6    |
| 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: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  |
| 2.5°  | 1038.4 | 1033.0 | 1032.2 | 1032.2 | 1023.6 | 1028.3 | 1019.0 | 1008.8 | 1004.2 | 1004.2 | 995.6  |
| 5°    | 1124.8 | 1119.4 | 1113.9 | 1105.4 | 1105.4 | 1100.7 | 1085.9 | 1071.1 | 1060.2 | 1050.9 | 1040.8 |
| 7.5°  | 1213.6 | 1208.1 | 1192.5 | 1184.0 | 1188.7 | 1179.3 | 1159.9 | 1134.9 | 1116.3 | 1101.5 | 1080.5 |
| 10°   | 1310.1 | 1295.3 | 1287.5 | 1282.8 | 1266.5 | 1256.4 | 1233.8 | 1197.2 | 1173.9 | 1154.4 | 1127.2 |
| 12.5° | 1388.7 | 1393.4 | 1363.8 | 1366.1 | 1349.8 | 1335.8 | 1300.7 | 1265.7 | 1230.7 | 1203.4 | 1163.0 |
| 15°   | 1473.6 | 1459.5 | 1441.6 | 1427.6 | 1422.2 | 1405.1 | 1375.5 | 1328.8 | 1290.6 | 1247.8 | 1201.9 |
| 17.5° | 1540.5 | 1529.6 | 1512.5 | 1499.2 | 1487.6 | 1446.3 | 1421.4 | 1380.1 | 1328.0 | 1286.0 | 1229.9 |
| 20°   | 1597.3 | 1587.2 | 1563.1 | 1554.5 | 1533.5 | 1503.9 | 1468.1 | 1404.3 | 1357.6 | 1311.6 | 1257.2 |
| 22.5° | 1621.5 | 1611.3 | 1590.3 | 1579.4 | 1566.2 | 1537.4 | 1503.1 | 1442.4 | 1384.8 | 1327.2 | 1269.6 |
| 25°   | 1601.2 | 1601.2 | 1591.1 | 1587.2 | 1575.5 | 1549.8 | 1514.8 | 1463.4 | 1401.9 | 1339.7 | 1271.2 |
| 27.5° | 1503.1 | 1522.6 | 1529.6 | 1533.5 | 1533.5 | 1534.3 | 1510.1 | 1460.3 | 1400.4 | 1339.7 | 1268.1 |
| 30°   | 1361.5 | 1394.2 | 1423.0 | 1431.5 | 1446.3 | 1462.7 | 1472.8 | 1448.6 | 1394.9 | 1331.1 | 1259.5 |
| 32.5° | 1183.2 | 1225.2 | 1279.0 | 1292.2 | 1312.4 | 1361.5 | 1388.7 | 1398.8 | 1369.3 | 1313.2 | 1236.9 |
| 35°   | 1005.7 | 1058.7 | 1091.4 | 1131.8 | 1150.5 | 1222.9 | 1283.6 | 1320.2 | 1313.2 | 1279.7 | 1210.5 |
| 37.5° | 850.8  | 881.2  | 920.9  | 963.7  | 1001.1 | 1070.3 | 1145.8 | 1216.7 | 1245.5 | 1229.1 | 1177.0 |
| 40°   | 702.1  | 737.9  | 785.4  | 820.5  | 846.1  | 915.4  | 1008.8 | 1085.9 | 1149.0 | 1159.1 | 1127.2 |
| 42.5° | 597.1  | 632.9  | 661.7  | 699.8  | 720.0  | 787.0  | 869.5  | 966.0  | 1040.8 | 1080.5 | 1066.4 |
| 45°   | 516.1  | 537.9  | 561.2  | 583.0  | 608.0  | 667.1  | 743.4  | 849.3  | 933.3  | 989.4  | 994.8  |
| 47.5° | 445.3  | 464.7  | 485.0  | 505.2  | 519.2  | 565.1  | 635.2  | 721.6  | 813.5  | 890.5  | 920.9  |
| 50°   | 395.4  | 404.8  | 419.6  | 431.2  | 447.6  | 487.3  | 543.3  | 618.1  | 715.4  | 798.7  | 838.4  |
| 52.5° | 346.4  | 358.1  | 369.8  | 379.9  | 390.8  | 418.8  | 470.2  | 534.8  | 618.8  | 704.5  | 753.5  |
| 55°   | 305.1  | 314.5  | 325.4  | 332.4  | 338.6  | 363.5  | 402.4  | 452.3  | 524.7  | 605.6  | 666.3  |
| 57.5° | 271.7  | 275.6  | 284.9  | 288.8  | 295.8  | 316.0  | 344.1  | 388.4  | 446.8  | 525.4  | 575.3  |
| 60°   | 235.1  | 242.9  | 249.9  | 253.0  | 258.4  | 272.4  | 291.9  | 333.2  | 383.8  | 441.4  | 498.2  |
| 62.5° | 205.5  | 208.6  | 214.1  | 218.0  | 221.9  | 236.6  | 253.0  | 284.1  | 322.3  | 370.5  | 422.7  |
| 65°   | 178.3  | 179.8  | 182.9  | 188.4  | 190.7  | 201.6  | 211.0  | 233.5  | 269.3  | 305.9  | 358.1  |
| 67.5° | 150.2  | 151.8  | 155.7  | 158.8  | 161.1  | 168.1  | 178.3  | 194.6  | 214.1  | 254.5  | 283.3  |
| 70°   | 128.4  | 128.4  | 130.8  | 132.3  | 134.7  | 137.8  | 143.2  | 155.7  | 173.6  | 199.3  | 225.7  |
| 72.5° | 107.4  | 107.4  | 107.4  | 109.8  | 109.8  | 112.1  | 115.2  | 123.8  | 136.2  | 156.5  | 173.6  |
| 75°   | 83.3   | 84.1   | 85.6   | 85.6   | 86.4   | 89.5   | 91.9   | 94.2   | 100.4  | 113.7  | 129.2  |
| 77.5° | 63.1   | 64.6   | 65.4   | 63.8   | 65.4   | 65.4   | 68.5   | 71.6   | 74.7   | 78.6   | 90.3   |
| 80°   | 46.7   | 47.5   | 45.9   | 46.7   | 46.7   | 48.3   | 49.8   | 49.0   | 50.6   | 55.3   | 58.4   |
| 82.5° | 31.1   | 31.9   | 31.9   | 31.9   | 31.9   | 34.3   | 34.3   | 33.5   | 34.3   | 35.0   | 35.8   |
| 85°   | 19.5   | 18.7   | 18.7   | 19.5   | 18.7   | 18.7   | 19.5   | 20.2   | 19.5   | 20.2   | 21.0   |
| 87.5° | 8.6    | 8.6    | 8.6    | 8.6    | 7.8    | 7.8    | 8.6    | 7.8    | 8.6    | 7.8    | 7.0    |
| 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: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°    | 966.0  | 966.0  | 966.0  | 966.0  | 966.0  | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 |
| 2.5°  | 990.9  | 987.0  | 984.7  | 983.9  | 976.9  | 973.0 | 970.7 | 969.1 | 966.8 | 960.6 | 955.1 |
| 5°    | 1028.3 | 1017.4 | 1012.0 | 1005.7 | 994.8  | 982.4 | 972.3 | 966.0 | 958.2 | 945.8 | 934.1 |
| 7.5°  | 1063.3 | 1047.0 | 1036.1 | 1027.5 | 1008.8 | 988.6 | 972.3 | 959.0 | 944.2 | 927.1 | 910.8 |
| 10°   | 1099.9 | 1073.4 | 1059.4 | 1046.2 | 1019.0 | 992.5 | 969.1 | 949.7 | 928.7 | 906.1 | 888.2 |
| 12.5° | 1128.7 | 1093.7 | 1078.1 | 1059.4 | 1026.0 | 994.8 | 965.2 | 938.8 | 911.5 | 887.4 | 861.7 |
| 15°   | 1162.2 | 1118.6 | 1100.7 | 1076.6 | 1030.6 | 990.2 | 952.0 | 923.2 | 895.2 | 859.4 | 832.1 |
| 17.5° | 1181.6 | 1131.1 | 1105.4 | 1084.3 | 1034.5 | 985.5 | 941.1 | 905.3 | 872.6 | 836.8 | 808.0 |
| 20°   | 1201.1 | 1143.5 | 1114.7 | 1085.1 | 1026.0 | 973.8 | 927.1 | 884.3 | 850.0 | 811.1 | 781.5 |
| 22.5° | 1207.3 | 1140.4 | 1110.0 | 1082.8 | 1020.5 | 962.1 | 908.4 | 864.8 | 825.1 | 786.2 | 752.7 |
| 25°   | 1207.3 | 1139.6 | 1103.8 | 1068.8 | 1003.4 | 943.5 | 889.7 | 842.3 | 797.9 | 759.0 | 725.5 |
| 27.5° | 1194.9 | 1124.0 | 1086.7 | 1054.8 | 987.0  | 922.4 | 867.2 | 815.0 | 772.2 | 733.3 | 695.1 |
| 30°   | 1179.3 | 1101.5 | 1064.1 | 1026.0 | 960.6  | 899.1 | 839.1 | 790.9 | 745.7 | 701.4 | 667.1 |
| 32.5° | 1159.9 | 1077.3 | 1036.1 | 997.2  | 927.9  | 864.1 | 808.8 | 761.3 | 718.5 | 672.6 | 634.4 |
| 35°   | 1131.8 | 1041.5 | 995.6  | 961.4  | 894.4  | 828.2 | 775.3 | 728.6 | 687.3 | 639.9 | 598.6 |
| 37.5° | 1096.0 | 1008.8 | 962.1  | 920.1  | 850.8  | 790.1 | 740.3 | 695.1 | 654.7 | 611.1 | 565.1 |
| 40°   | 1054.0 | 962.9  | 922.4  | 878.1  | 804.9  | 747.3 | 700.6 | 660.1 | 619.6 | 578.4 | 534.0 |
| 42.5° | 1006.5 | 916.2  | 871.1  | 828.2  | 758.2  | 701.4 | 657.8 | 621.2 | 583.8 | 545.7 | 498.2 |
| 45°   | 949.7  | 864.8  | 821.2  | 780.8  | 713.0  | 654.7 | 615.0 | 579.9 | 548.0 | 509.1 | 467.1 |
| 47.5° | 885.8  | 811.9  | 767.5  | 723.9  | 657.8  | 607.2 | 568.3 | 538.7 | 511.4 | 472.5 | 434.4 |
| 50°   | 823.6  | 750.4  | 714.6  | 670.2  | 609.5  | 562.0 | 522.3 | 497.4 | 476.4 | 438.3 | 404.0 |
| 52.5° | 745.0  | 689.7  | 655.4  | 617.3  | 558.9  | 510.6 | 479.5 | 457.7 | 432.8 | 403.2 | 372.9 |
| 55°   | 675.7  | 624.3  | 597.1  | 561.2  | 503.6  | 460.8 | 434.4 | 414.1 | 394.7 | 368.2 | 344.1 |
| 57.5° | 597.1  | 565.1  | 537.9  | 506.8  | 449.9  | 413.3 | 390.0 | 372.9 | 355.0 | 333.2 | 313.7 |
| 60°   | 514.5  | 499.7  | 473.3  | 448.4  | 400.1  | 368.2 | 348.7 | 333.2 | 316.0 | 298.1 | 281.8 |
| 62.5° | 441.4  | 432.8  | 417.2  | 397.8  | 352.6  | 325.4 | 305.9 | 294.2 | 281.8 | 265.4 | 249.9 |
| 65°   | 372.1  | 368.2  | 353.4  | 339.4  | 308.3  | 284.1 | 267.0 | 260.0 | 246.0 | 233.5 | 219.5 |
| 67.5° | 310.6  | 305.9  | 297.4  | 291.1  | 264.7  | 242.1 | 233.5 | 224.2 | 212.5 | 203.2 | 191.5 |
| 70°   | 248.3  | 247.5  | 242.1  | 234.3  | 220.3  | 203.9 | 195.4 | 189.2 | 177.5 | 170.5 | 161.9 |
| 72.5° | 193.0  | 196.9  | 192.3  | 189.2  | 179.8  | 168.1 | 160.4 | 156.5 | 147.1 | 141.7 | 135.4 |
| 75°   | 144.0  | 147.1  | 149.5  | 144.0  | 141.7  | 136.2 | 129.2 | 125.3 | 120.7 | 112.9 | 110.5 |
| 77.5° | 98.1   | 105.1  | 105.1  | 106.6  | 107.4  | 104.3 | 98.9  | 95.7  | 90.3  | 88.7  | 85.6  |
| 80°   | 64.6   | 70.8   | 71.6   | 73.2   | 75.5   | 75.5  | 71.6  | 70.8  | 65.4  | 64.6  | 62.3  |
| 82.5° | 37.4   | 42.8   | 45.9   | 48.3   | 47.5   | 50.6  | 47.5  | 46.7  | 43.6  | 43.6  | 42.0  |
| 85°   | 20.2   | 21.0   | 22.6   | 24.1   | 25.7   | 27.2  | 27.2  | 26.5  | 25.7  | 24.9  | 23.4  |
| 87.5° | 7.8    | 7.8    | 8.6    | 7.8    | 8.6    | 10.1  | 10.9  | 10.9  | 10.1  | 9.3   | 7.8   |
| 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: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 966.0 | 966.0  | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 |
| 2.5°  | 950.5 | 948.9  | 947.3 | 941.1 | 935.7 | 926.3 | 918.5 | 915.4 | 914.6 | 915.4 | 913.1 |
| 5°    | 923.2 | 922.4  | 917.0 | 906.1 | 896.0 | 885.1 | 877.3 | 869.5 | 864.8 | 864.8 | 859.4 |
| 7.5°  | 897.5 | 892.1  | 887.4 | 873.4 | 861.7 | 846.9 | 835.3 | 828.2 | 824.4 | 815.8 | 815.8 |
| 10°   | 870.3 | 862.5  | 856.3 | 843.0 | 825.9 | 811.1 | 796.3 | 787.8 | 780.8 | 774.5 | 772.2 |
| 12.5° | 843.0 | 836.8  | 825.1 | 811.1 | 794.0 | 775.3 | 759.7 | 753.5 | 737.2 | 723.9 | 724.7 |
| 15°   | 817.3 | 803.3  | 797.9 | 777.6 | 757.4 | 739.5 | 716.9 | 699.0 | 685.8 | 677.2 | 666.3 |
| 17.5° | 788.5 | 774.5  | 764.4 | 747.3 | 720.8 | 692.8 | 671.0 | 646.9 | 633.6 | 618.8 | 611.8 |
| 20°   | 756.6 | 745.0  | 737.2 | 709.9 | 678.0 | 644.5 | 620.4 | 605.6 | 590.8 | 579.9 | 573.7 |
| 22.5° | 729.4 | 714.6  | 705.3 | 668.7 | 633.6 | 600.2 | 581.5 | 569.0 | 556.6 | 547.2 | 544.1 |
| 25°   | 694.4 | 685.8  | 663.2 | 631.3 | 588.5 | 565.9 | 549.6 | 533.2 | 526.2 | 520.0 | 513.0 |
| 27.5° | 665.6 | 644.5  | 629.0 | 586.9 | 560.5 | 534.8 | 518.4 | 506.0 | 497.4 | 491.2 | 485.7 |
| 30°   | 629.7 | 610.3  | 588.5 | 553.5 | 529.3 | 505.2 | 490.4 | 480.3 | 470.9 | 467.1 | 462.4 |
| 32.5° | 592.4 | 574.5  | 553.5 | 525.4 | 495.9 | 477.2 | 465.5 | 454.6 | 448.4 | 444.5 | 439.0 |
| 35°   | 558.9 | 536.3  | 522.3 | 495.9 | 471.7 | 450.7 | 439.8 | 430.5 | 423.5 | 421.9 | 421.1 |
| 37.5° | 523.1 | 506.0  | 492.7 | 465.5 | 445.3 | 427.4 | 417.2 | 407.1 | 403.2 | 402.4 | 399.3 |
| 40°   | 492.0 | 477.2  | 464.7 | 439.0 | 417.2 | 400.9 | 393.1 | 386.9 | 383.0 | 383.0 | 382.2 |
| 42.5° | 464.7 | 449.2  | 436.7 | 413.3 | 393.9 | 379.1 | 370.5 | 364.3 | 362.7 | 363.5 | 362.7 |
| 45°   | 434.4 | 421.1  | 408.7 | 384.5 | 368.2 | 357.3 | 348.0 | 344.8 | 342.5 | 343.3 | 344.1 |
| 47.5° | 405.6 | 394.7  | 382.2 | 362.7 | 344.1 | 332.4 | 326.9 | 323.8 | 323.8 | 323.8 | 325.4 |
| 50°   | 379.9 | 367.4  | 356.5 | 336.3 | 319.2 | 309.8 | 305.1 | 301.3 | 302.0 | 302.8 | 303.6 |
| 52.5° | 349.5 | 338.6  | 330.8 | 310.6 | 298.1 | 286.5 | 281.0 | 281.8 | 281.0 | 281.0 | 282.6 |
| 55°   | 323.0 | 312.1  | 304.4 | 285.7 | 273.2 | 265.4 | 260.8 | 258.4 | 259.2 | 257.7 | 260.8 |
| 57.5° | 293.5 | 284.1  | 278.7 | 260.8 | 249.9 | 242.9 | 239.0 | 235.1 | 236.6 | 235.9 | 235.1 |
| 60°   | 267.8 | 256.9  | 248.3 | 235.9 | 226.5 | 218.0 | 215.6 | 211.7 | 213.3 | 211.7 | 211.0 |
| 62.5° | 238.2 | 229.6  | 223.4 | 211.0 | 203.2 | 196.2 | 190.7 | 188.4 | 187.6 | 185.3 | 182.9 |
| 65°   | 208.6 | 203.9  | 197.7 | 185.3 | 177.5 | 172.0 | 168.9 | 166.6 | 165.8 | 159.6 | 152.6 |
| 67.5° | 181.4 | 178.3  | 172.0 | 162.7 | 155.7 | 150.2 | 145.6 | 141.7 | 137.0 | 132.3 | 128.4 |
| 70°   | 155.7 | 151.0  | 147.1 | 138.6 | 132.3 | 126.9 | 122.2 | 117.5 | 115.2 | 110.5 | 109.0 |
| 72.5° | 130.8 | 126.1  | 122.2 | 114.4 | 109.0 | 103.5 | 102.0 | 96.5  | 94.2  | 93.4  | 93.4  |
| 75°   | 105.1 | 101.2  | 98.9  | 91.9  | 87.2  | 83.3  | 81.0  | 79.4  | 77.8  | 76.3  | 74.0  |
| 77.5° | 80.2  | 77.8   | 76.3  | 71.6  | 67.7  | 65.4  | 64.6  | 59.2  | 57.6  | 56.0  | 54.5  |
| 80°   | 58.4  | 57.6   | 56.0  | 52.2  | 50.6  | 45.1  | 45.1  | 43.6  | 42.8  | 42.8  | 42.8  |
| 82.5° | 39.7  | 38.1   | 37.4  | 33.5  | 32.7  | 31.9  | 31.1  | 30.4  | 31.1  | 30.4  | 31.1  |
| 85°   | 21.0  | 20.2   | 19.5  | 19.5  | 19.5  | 19.5  | 19.5  | 19.5  | 19.5  | 18.7  | 19.5  |
| 87.5° | 7.8   | 7.8    | 7.8   | 7.8   | 7.0   | 7.8   | 7.8   | 7.0   | 7.8   | 7.8   | 7.8   |
| 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: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°    | 966.0  | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0  |
| 2.5°  | 913.1  | 916.2 | 912.3 | 914.6 | 909.2 | 908.4 | 909.2 | 909.2 | 910.0 | 910.8 | 911.5  |
| 5°    | 861.7  | 860.9 | 856.3 | 853.2 | 850.8 | 853.2 | 854.7 | 856.3 | 854.7 | 856.3 | 857.0  |
| 7.5°  | 813.5  | 811.1 | 808.8 | 803.3 | 804.9 | 803.3 | 808.0 | 805.7 | 805.7 | 809.6 | 812.7  |
| 10°   | 770.6  | 766.0 | 764.4 | 758.2 | 753.5 | 752.7 | 758.2 | 760.5 | 762.9 | 764.4 | 770.6  |
| 12.5° | 715.4  | 708.4 | 702.9 | 705.3 | 692.0 | 697.5 | 699.0 | 695.9 | 705.3 | 716.2 | 709.9  |
| 15°   | 656.2  | 657.0 | 646.1 | 642.2 | 631.3 | 634.4 | 635.2 | 643.0 | 650.8 | 650.0 | 659.3  |
| 17.5° | 612.6  | 608.0 | 598.6 | 597.8 | 593.2 | 595.5 | 594.7 | 600.9 | 598.6 | 602.5 | 610.3  |
| 20°   | 572.1  | 569.0 | 561.2 | 558.1 | 559.7 | 558.1 | 558.9 | 559.7 | 562.0 | 570.6 | 569.0  |
| 22.5° | 540.2  | 536.3 | 536.3 | 532.4 | 527.8 | 526.2 | 530.1 | 532.4 | 535.6 | 537.1 | 541.0  |
| 25°   | 512.2  | 509.1 | 505.2 | 502.9 | 499.0 | 499.7 | 502.1 | 505.2 | 507.5 | 510.6 | 513.8  |
| 27.5° | 483.4  | 483.4 | 479.5 | 478.7 | 477.2 | 476.4 | 479.5 | 481.1 | 481.1 | 483.4 | 486.5  |
| 30°   | 460.8  | 460.8 | 456.9 | 456.2 | 455.4 | 455.4 | 457.7 | 458.5 | 459.3 | 461.6 | 463.2  |
| 32.5° | 439.0  | 438.3 | 436.7 | 437.5 | 436.7 | 437.5 | 437.5 | 438.3 | 439.8 | 440.6 | 443.7  |
| 35°   | 418.8  | 419.6 | 418.0 | 418.0 | 417.2 | 418.0 | 419.6 | 420.3 | 421.1 | 422.7 | 422.7  |
| 37.5° | 399.3  | 400.9 | 400.1 | 402.4 | 402.4 | 402.4 | 402.4 | 404.0 | 404.0 | 404.0 | 403.2  |
| 40°   | 382.2  | 382.2 | 381.4 | 383.0 | 384.5 | 384.5 | 385.3 | 385.3 | 386.1 | 386.1 | 385.3  |
| 42.5° | 362.7  | 364.3 | 366.6 | 367.4 | 369.0 | 368.2 | 370.5 | 369.8 | 370.5 | 369.0 | 367.4  |
| 45°   | 344.8  | 344.8 | 348.0 | 351.1 | 351.8 | 351.8 | 351.8 | 353.4 | 351.8 | 349.5 | 348.7  |
| 47.5° | 325.4  | 326.9 | 328.5 | 332.4 | 333.2 | 333.2 | 333.2 | 333.2 | 331.6 | 331.6 | 331.6  |
| 50°   | 305.9  | 306.7 | 307.5 | 309.0 | 311.4 | 310.6 | 310.6 | 310.6 | 313.7 | 310.6 | 311.4  |
| 52.5° | 282.6  | 283.3 | 284.1 | 287.2 | 286.5 | 286.5 | 287.2 | 287.2 | 289.6 | 288.8 | 287.2  |
| 55°   | 259.2  | 259.2 | 260.8 | 260.8 | 260.8 | 262.3 | 263.1 | 264.7 | 263.9 | 264.7 | 265.4  |
| 57.5° | 235.9  | 234.3 | 233.5 | 233.5 | 235.9 | 235.1 | 235.9 | 235.9 | 239.0 | 240.5 | 241.3  |
| 60°   | 208.6  | 208.6 | 207.8 | 203.2 | 203.2 | 202.4 | 204.7 | 206.3 | 207.8 | 214.8 | 214.1  |
| 62.5° | 180.6  | 177.5 | 174.4 | 175.1 | 170.5 | 172.8 | 171.3 | 172.8 | 177.5 | 182.9 | 183.7  |
| 65°   | 152.6  | 150.2 | 147.1 | 146.3 | 144.8 | 147.1 | 146.3 | 147.1 | 149.5 | 152.6 | 156.5  |
| 67.5° | 127.7  | 126.9 | 125.3 | 124.5 | 124.5 | 124.5 | 126.1 | 126.1 | 126.9 | 129.2 | 131.6  |
| 70°   | 109.0  | 108.2 | 109.0 | 107.4 | 108.2 | 107.4 | 108.2 | 109.0 | 109.8 | 110.5 | 112.9  |
| 72.5° | 91.9   | 91.9  | 91.9  | 90.3  | 91.9  | 91.1  | 91.1  | 91.9  | 92.6  | 93.4  | 95.0   |
| 75°   | 73.2   | 71.6  | 70.1  | 68.5  | 67.7  | 69.3  | 70.1  | 69.3  | 71.6  | 74.7  | 74.7   |
| 77.5° | 55.3   | 54.5  | 54.5  | 54.5  | 55.3  | 54.5  | 56.0  | 55.3  | 56.0  | 56.0  | 57.6   |
| 80°   | 42.8   | 42.0  | 42.8  | 42.8  | 42.0  | 43.6  | 42.8  | 42.8  | 43.6  | 44.4  | 43.6   |
| 82.5° | 31.1   | 31.9  | 31.1  | 31.1  | 31.1  | 32.7  | 31.1  | 31.1  | 31.1  | 31.9  | 31.9   |
| 85°   | 19.5   | 19.5  | 19.5  | 19.5  | 20.2  | 19.5  | 20.2  | 19.5  | 21.0  | 20.2  | 20.2   |
| 87.5° | 7.0    | 7.8   | 8.6   | 8.6   | 8.6   | 8.6   | 7.8   | 8.6   | 9.3   | 8.6   | 9.3    |
| 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: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°    | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0 | 966.0  | 966.0 |
| 2.5°  | 914.6 | 918.5 | 917.0 | 911.5 | 913.9 | 918.5 | 923.2 | 929.4 | 933.3 | 936.4  | 938.0 |
| 5°    | 860.9 | 867.9 | 866.4 | 866.4 | 869.5 | 877.3 | 885.1 | 898.3 | 903.0 | 908.4  | 916.2 |
| 7.5°  | 813.5 | 818.9 | 823.6 | 825.1 | 829.8 | 839.9 | 850.0 | 864.8 | 876.5 | 882.7  | 887.4 |
| 10°   | 771.4 | 775.3 | 782.3 | 786.2 | 790.9 | 803.3 | 818.1 | 833.7 | 845.4 | 856.3  | 862.5 |
| 12.5° | 717.7 | 733.3 | 742.6 | 748.8 | 755.1 | 773.8 | 785.4 | 802.6 | 816.6 | 826.7  | 836.0 |
| 15°   | 657.8 | 676.5 | 681.9 | 706.0 | 721.6 | 736.4 | 754.3 | 774.5 | 787.8 | 799.4  | 811.9 |
| 17.5° | 607.2 | 620.4 | 626.6 | 652.3 | 665.6 | 688.9 | 714.6 | 740.3 | 760.5 | 769.1  | 781.5 |
| 20°   | 575.3 | 582.3 | 594.7 | 603.3 | 617.3 | 644.5 | 672.6 | 703.7 | 734.1 | 742.6  | 755.1 |
| 22.5° | 542.6 | 551.9 | 560.5 | 572.1 | 583.0 | 601.7 | 629.7 | 664.0 | 696.7 | 712.3  | 727.0 |
| 25°   | 513.0 | 522.3 | 527.8 | 540.2 | 550.3 | 569.0 | 588.5 | 623.5 | 662.4 | 675.7  | 699.0 |
| 27.5° | 489.6 | 495.1 | 504.4 | 509.9 | 521.5 | 538.7 | 556.6 | 583.0 | 621.2 | 643.8  | 666.3 |
| 30°   | 466.3 | 470.2 | 478.0 | 485.7 | 494.3 | 506.0 | 526.2 | 551.9 | 586.9 | 606.4  | 629.0 |
| 32.5° | 442.9 | 449.2 | 453.8 | 459.3 | 468.6 | 482.6 | 496.6 | 521.5 | 549.6 | 571.4  | 593.9 |
| 35°   | 423.5 | 425.8 | 432.0 | 438.3 | 444.5 | 456.9 | 471.7 | 495.9 | 520.8 | 537.9  | 558.1 |
| 37.5° | 402.4 | 406.3 | 411.0 | 413.3 | 423.5 | 431.2 | 446.8 | 465.5 | 495.1 | 506.0  | 526.2 |
| 40°   | 386.1 | 385.3 | 390.0 | 393.9 | 398.6 | 411.0 | 420.3 | 440.6 | 463.9 | 481.1  | 493.5 |
| 42.5° | 365.9 | 365.9 | 367.4 | 372.1 | 378.3 | 386.1 | 397.0 | 414.1 | 438.3 | 450.7  | 465.5 |
| 45°   | 349.5 | 347.2 | 348.0 | 351.1 | 355.0 | 362.7 | 373.6 | 388.4 | 412.6 | 422.7  | 438.3 |
| 47.5° | 330.1 | 327.7 | 327.7 | 330.8 | 333.9 | 339.4 | 348.0 | 365.1 | 384.5 | 397.8  | 409.5 |
| 50°   | 308.3 | 309.0 | 308.3 | 310.6 | 312.1 | 317.6 | 326.9 | 341.0 | 358.9 | 369.8  | 383.0 |
| 52.5° | 288.0 | 286.5 | 285.7 | 287.2 | 290.4 | 294.2 | 304.4 | 316.8 | 333.9 | 344.8  | 356.5 |
| 55°   | 263.1 | 264.7 | 264.7 | 264.7 | 269.3 | 270.9 | 278.7 | 291.1 | 308.3 | 316.8  | 327.7 |
| 57.5° | 240.5 | 239.8 | 241.3 | 240.5 | 244.4 | 249.9 | 256.1 | 265.4 | 282.6 | 291.1  | 301.3 |
| 60°   | 215.6 | 216.4 | 217.2 | 217.2 | 220.3 | 225.7 | 232.7 | 241.3 | 255.3 | 263.9  | 273.2 |
| 62.5° | 185.3 | 189.2 | 193.0 | 194.6 | 199.3 | 203.2 | 207.8 | 217.2 | 229.6 | 235.9  | 244.4 |
| 65°   | 156.5 | 161.9 | 167.4 | 171.3 | 174.4 | 178.3 | 184.5 | 193.0 | 203.2 | 209.4  | 218.0 |
| 67.5° | 131.6 | 135.4 | 142.5 | 146.3 | 152.6 | 157.2 | 161.1 | 168.1 | 180.6 | 182.9  | 189.9 |
| 70°   | 113.7 | 115.2 | 118.3 | 121.4 | 128.4 | 132.3 | 137.0 | 144.0 | 153.3 | 158.8  | 162.7 |
| 72.5° | 95.7  | 96.5  | 98.1  | 101.2 | 104.3 | 109.0 | 114.4 | 120.7 | 129.2 | 131.6  | 137.0 |
| 75°   | 76.3  | 81.0  | 81.0  | 83.3  | 85.6  | 88.0  | 92.6  | 98.9  | 104.3 | 108.2  | 111.3 |
| 77.5° | 56.8  | 59.2  | 60.7  | 64.6  | 67.7  | 70.1  | 73.2  | 77.8  | 81.0  | 84.1   | 86.4  |
| 80°   | 44.4  | 45.1  | 45.9  | 45.9  | 47.5  | 50.6  | 53.7  | 56.8  | 60.7  | 62.3   | 64.6  |
| 82.5° | 32.7  | 32.7  | 32.7  | 34.3  | 35.0  | 35.8  | 35.8  | 37.4  | 41.3  | 42.8   | 45.1  |
| 85°   | 21.0  | 21.0  | 21.0  | 21.0  | 21.8  | 22.6  | 23.4  | 24.1  | 24.1  | 24.1   | 25.7  |
| 87.5° | 8.6   | 10.1  | 9.3   | 10.1  | 10.1  | 10.1  | 10.1  | 10.9  | 10.9  | 11.7   | 11.7  |
| 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: P1037903

CATALOG NUMBER: S124RDS-B575DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|
| 0°    | 966.0 | 966.0 | 966.0 | 966.0 |
| 2.5°  | 944.2 | 948.9 | 956.7 | 967.6 |
| 5°    | 922.4 | 935.7 | 948.1 | 964.5 |
| 7.5°  | 903.0 | 918.5 | 935.7 | 959.0 |
| 10°   | 880.4 | 899.9 | 921.7 | 950.5 |
| 12.5° | 853.9 | 881.2 | 906.1 | 937.2 |
| 15°   | 834.5 | 854.7 | 886.6 | 923.2 |
| 17.5° | 807.2 | 834.5 | 866.4 | 907.6 |
| 20°   | 781.5 | 810.3 | 846.1 | 889.0 |
| 22.5° | 754.3 | 787.0 | 822.8 | 868.7 |
| 25°   | 726.3 | 761.3 | 797.1 | 846.1 |
| 27.5° | 700.6 | 732.5 | 773.0 | 822.8 |
| 30°   | 669.4 | 706.0 | 745.0 | 797.1 |
| 32.5° | 639.1 | 677.2 | 716.9 | 769.1 |
| 35°   | 606.4 | 644.5 | 688.1 | 737.9 |
| 37.5° | 574.5 | 616.5 | 656.2 | 704.5 |
| 40°   | 539.4 | 583.0 | 624.3 | 673.3 |
| 42.5° | 505.2 | 550.3 | 591.6 | 633.6 |
| 45°   | 473.3 | 517.7 | 555.0 | 594.7 |
| 47.5° | 442.9 | 482.6 | 520.8 | 556.6 |
| 50°   | 413.3 | 446.8 | 481.8 | 511.4 |
| 52.5° | 382.2 | 414.1 | 442.1 | 468.6 |
| 55°   | 354.2 | 379.1 | 404.0 | 428.1 |
| 57.5° | 320.7 | 345.6 | 367.4 | 386.1 |
| 60°   | 292.7 | 308.3 | 329.3 | 348.7 |
| 62.5° | 260.8 | 278.7 | 295.0 | 307.5 |
| 65°   | 229.6 | 245.2 | 257.7 | 268.6 |
| 67.5° | 203.2 | 212.5 | 221.9 | 233.5 |
| 70°   | 171.3 | 179.0 | 189.9 | 198.5 |
| 72.5° | 144.0 | 150.2 | 155.7 | 165.8 |
| 75°   | 116.8 | 122.2 | 125.3 | 134.7 |
| 77.5° | 90.3  | 95.7  | 98.1  | 103.5 |
| 80°   | 69.3  | 70.1  | 73.2  | 77.8  |
| 82.5° | 47.5  | 49.0  | 49.8  | 53.7  |
| 85°   | 27.2  | 31.1  | 30.4  | 31.9  |
| 87.5° | 11.7  | 12.5  | 14.0  | 15.6  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)