Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1026385

Luminaire Tested: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

Issue Date: 5/7/2025

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | P1026385 |
| | REPORT IS A COMBINATION OF REPORTS P999435 AND P1007351 |
| Test Lab: | INNOVATION CENTER |
| Issue Date: | 5/7/2025 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | NEO-RAY |
| Catalog Number: | S124RDIP-B575D1035UB30-4F0-XX-W2A-A |
| Description: | Define 4 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647} |
| Light Source: | - |
| Ballast/Driver: | - |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 6522.0 lumens |
| Efficiency: | N/A |
| Efficacy: | 124.2 lumens/watt |
| Spacing Criteria (0/90/45): | 1.22 / 1.27 / 1.38 |
| Luminous Opening: | Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1') |
| CIE Type: | Semi-Indirect |
| | |
| Input Watts (W): | 52.5 |
| 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: P1026385
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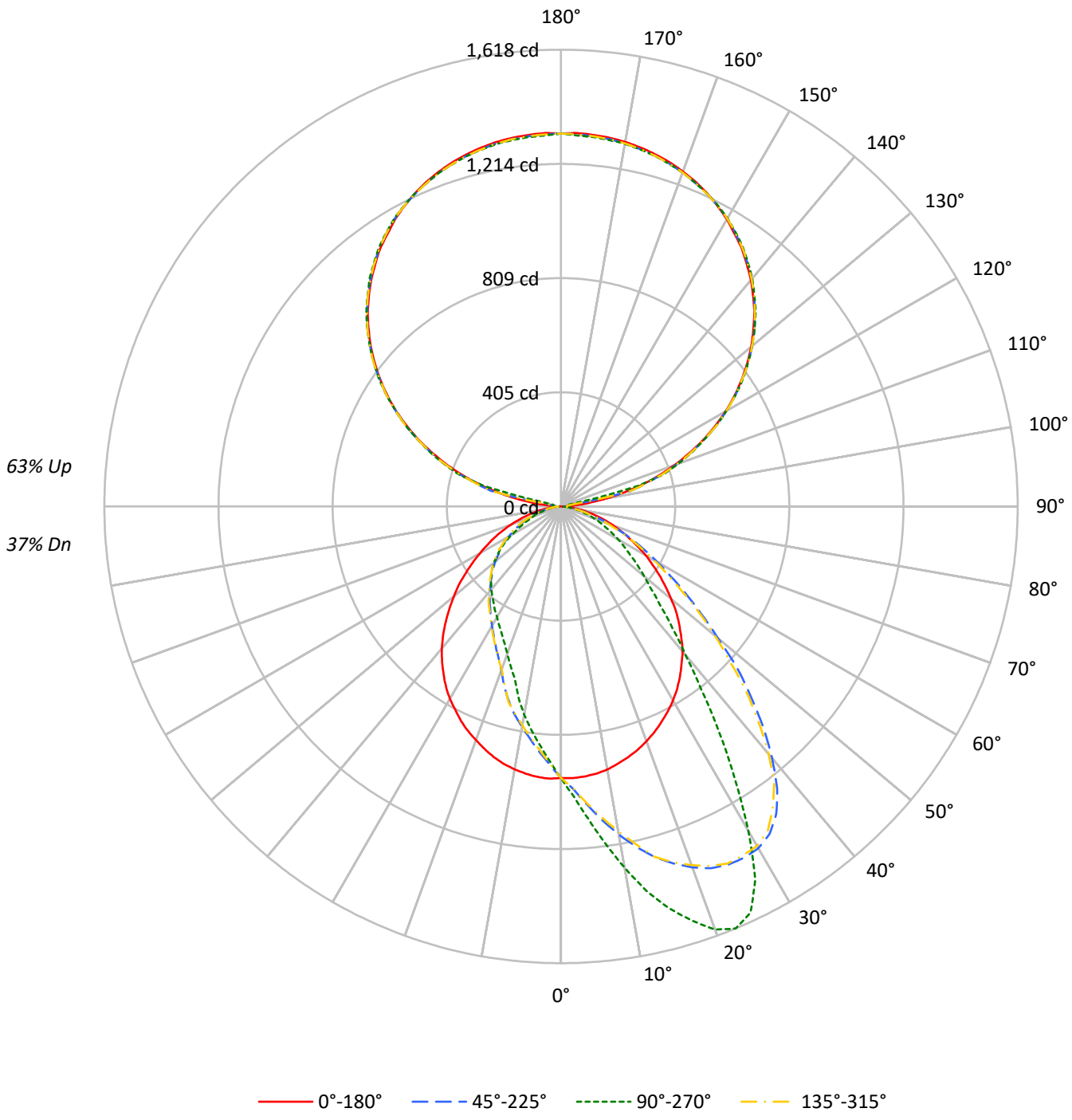
## Luminous Intensity Polar Plot



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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

## COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| RF | 20 | | | | 20 | | | | 20 | | | 20 | | | 20 | | | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 60 | 60 | 60 | 44 | 44 | 44 | 37 |
| 1 | 95 | 91 | 88 | 84 | 86 | 83 | 80 | 77 | 67 | 65 | 63 | 53 | 52 | 50 | 40 | 39 | 38 | 32 |
| 2 | 87 | 80 | 74 | 69 | 79 | 73 | 68 | 64 | 59 | 56 | 53 | 47 | 45 | 43 | 35 | 34 | 33 | 27 |
| 3 | 80 | 71 | 64 | 58 | 72 | 64 | 58 | 54 | 53 | 48 | 45 | 42 | 39 | 36 | 32 | 30 | 28 | 24 |
| 4 | 73 | 63 | 55 | 49 | 66 | 57 | 51 | 46 | 47 | 42 | 38 | 37 | 34 | 31 | 28 | 26 | 25 | 21 |
| 5 | 67 | 56 | 48 | 42 | 61 | 51 | 44 | 39 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 23 | 22 | 18 |
| 6 | 62 | 50 | 42 | 37 | 56 | 46 | 39 | 34 | 38 | 33 | 29 | 30 | 27 | 24 | 23 | 21 | 19 | 16 |
| 7 | 57 | 45 | 38 | 32 | 52 | 41 | 35 | 30 | 34 | 29 | 26 | 28 | 24 | 21 | 21 | 19 | 17 | 14 |
| 8 | 53 | 41 | 34 | 28 | 48 | 38 | 31 | 26 | 31 | 26 | 23 | 25 | 22 | 19 | 20 | 17 | 15 | 13 |
| 9 | 49 | 37 | 30 | 25 | 45 | 34 | 28 | 24 | 29 | 24 | 20 | 23 | 20 | 17 | 18 | 16 | 14 | 12 |
| 10 | 46 | 34 | 27 | 23 | 42 | 32 | 25 | 21 | 26 | 22 | 18 | 22 | 18 | 15 | 17 | 14 | 13 | 11 |

## AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|---|---|---|---|---|
| 0° | 7842 | 7842 | 7842 | 7842 |
| 5° | 7842 | 8861 | 7855 | 6773 |
| 10° | 7800 | 10214 | 7794 | 5890 |
| 15° | 7708 | 11496 | 7708 | 4932 |
| 20° | 7611 | 12465 | 7570 | 4342 |
| 25° | 7491 | 12517 | 7457 | 3922 |
| 30° | 7365 | 10644 | 7308 | 3633 |
| 35° | 7187 | 8031 | 7096 | 3417 |
| 40° | 6989 | 5820 | 6851 | 3249 |
| 45° | 6661 | 4423 | 6495 | 3100 |
| 50° | 6272 | 3575 | 6100 | 2882 |
| 55° | 5850 | 2960 | 5660 | 2591 |
| 60° | 5427 | 2503 | 5185 | 2155 |
| 65° | 4895 | 2040 | 4739 | 1713 |
| 70° | 4408 | 1654 | 4201 | 1391 |
| 75° | 3864 | 1192 | 3596 | 1020 |
| 80° | 3187 | 789 | 2900 | 750 |
| 85° | 2314 | 407 | 1914 | 407 |

## MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°
Vertical Angle: 45°
Luminance: 9817 cd/sqm

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TEST NUMBER: P1026385
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**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 93.1 | 1.4 |
| 10°-20° | 281.2 | 4.3 |
| 20°-30° | 440.5 | 6.8 |
| 30°-40° | 489.1 | 7.5 |
| 40°-50° | 433.5 | 6.6 |
| 50°-60° | 337.8 | 5.2 |
| 60°-70° | 221.0 | 3.4 |
| 70°-80° | 108.4 | 1.7 |
| 80°-90° | 29.1 | 0.4 |
| 90°-100° | 43.9 | 0.7 |
| 100°-110° | 288.8 | 4.4 |
| 110°-120° | 551.5 | 8.5 |
| 120°-130° | 700.1 | 10.7 |
| 130°-140° | 749.0 | 11.5 |
| 140°-150° | 700.4 | 10.7 |
| 150°-160° | 564.8 | 8.7 |
| 160°-170° | 364.2 | 5.6 |
| 170°-180° | 125.5 | 1.9 |
| 0°-30° | 814.8 | 12.5 |
| 0°-40° | 1304.0 | 20.0 |
| 0°-60° | 2075.2 | 31.8 |
| 0°-90° | 2433.7 | 37.3 |
| 90°-120° | 884.2 | 13.6 |
| 90°-150° | 3033.7 | 46.5 |
| 90°-180° | 4088.0 | 62.7 |
| 0°-180° | 6522.0 | 100.0 |

**CANDELA DISTRIBUTION:**

| | 0° | 90° | 180° | 270° | 360° | Flux |
|---|---|---|---|---|---|---|
| 0° | 962 | 962 | 962 | 962 | 962 | |
| 5° | 960 | 1111 | 962 | 849 | 960 | 91 |
| 15° | 919 | 1472 | 919 | 632 | 919 | 259 |
| 25° | 842 | 1588 | 838 | 498 | 842 | 388 |
| 35° | 735 | 978 | 725 | 416 | 735 | 459 |
| 45° | 592 | 500 | 577 | 350 | 592 | 457 |
| 55° | 426 | 298 | 412 | 261 | 426 | 381 |
| 65° | 267 | 174 | 259 | 146 | 267 | 267 |
| 75° | 134 | 81 | 125 | 69 | 134 | 142 |
| 85° | 32 | 19 | 26 | 19 | 32 | 36 |
| 90° | 3 | 30 | 3 | 30 | 3 | 5 |
| 95° | 54 | 29 | 54 | 29 | 54 | 67 |
| 105° | 297 | 282 | 297 | 282 | 297 | 311 |
| 115° | 555 | 559 | 555 | 559 | 555 | 547 |
| 125° | 781 | 787 | 781 | 787 | 781 | 697 |
| 135° | 968 | 975 | 968 | 975 | 968 | 746 |
| 145° | 1117 | 1123 | 1117 | 1123 | 1117 | 698 |
| 155° | 1224 | 1223 | 1224 | 1223 | 1224 | 565 |
| 165° | 1292 | 1286 | 1292 | 1286 | 1292 | 365 |
| 175° | 1321 | 1313 | 1321 | 1313 | 1321 | 126 |
| 180° | 1321 | 1321 | 1321 | 1321 | 1321 | |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 |
| 2.5° | 963.2 | 971.7 | 976.4 | 980.3 | 988.0 | 991.1 | 997.3 | 998.9 | 1005.1 | 1004.3 | 1002.0 |
| 5° | 960.1 | 974.8 | 985.7 | 997.3 | 1011.3 | 1019.0 | 1027.5 | 1039.9 | 1046.1 | 1054.7 | 1060.1 |
| 7.5° | 954.7 | 974.8 | 992.7 | 1010.5 | 1033.0 | 1045.4 | 1056.2 | 1075.6 | 1091.9 | 1105.8 | 1121.3 |
| 10° | 946.2 | 971.7 | 998.1 | 1022.1 | 1053.1 | 1067.8 | 1084.1 | 1112.8 | 1135.3 | 1154.6 | 1179.4 |
| 12.5° | 933.0 | 968.6 | 998.1 | 1030.6 | 1070.2 | 1090.3 | 1112.0 | 1146.1 | 1172.5 | 1204.2 | 1235.2 |
| 15° | 919.1 | 958.6 | 997.3 | 1039.9 | 1084.9 | 1108.1 | 1129.8 | 1175.6 | 1215.8 | 1252.3 | 1286.4 |
| 17.5° | 903.6 | 947.0 | 989.6 | 1036.8 | 1091.1 | 1119.8 | 1145.3 | 1200.3 | 1244.5 | 1291.8 | 1325.9 |
| 20° | 885.0 | 932.2 | 981.0 | 1033.7 | 1095.0 | 1126.7 | 1155.4 | 1218.2 | 1267.0 | 1318.1 | 1360.8 |
| 22.5° | *864.8* | *916.0* | *969.4* | *1026.8* | *1090.3* | *1125.2* | *1158.5* | *1225.9* | *1282.5* | *1329.8* | *1387.1* |
| 25° | 842.3 | 896.6 | 951.6 | 1012.0 | 1083.3 | 1121.3 | 1155.4 | 1222.0 | 1282.5 | 1344.5 | 1400.3 |
| 27.5° | 819.1 | 874.9 | 932.2 | 995.8 | 1068.6 | 1105.8 | 1144.6 | 1208.9 | 1279.4 | 1346.8 | 1403.4 |
| 30° | 793.5 | 847.8 | 908.2 | 968.6 | 1046.1 | 1083.3 | 1122.9 | 1192.6 | 1269.3 | 1336.7 | 1398.0 |
| 32.5° | 765.6 | 821.4 | 878.8 | 941.5 | 1017.5 | 1057.8 | 1094.2 | 1173.2 | 1251.5 | 1318.1 | 1375.5 |
| 35° | 734.6 | 787.3 | 841.6 | 905.9 | 981.0 | 1017.5 | 1060.9 | 1143.0 | 1222.0 | 1292.6 | 1329.8 |
| 37.5° | 701.3 | 751.7 | 802.0 | 865.6 | 937.7 | 981.8 | 1024.4 | 1107.4 | 1191.1 | 1238.3 | 1257.7 |
| 40° | 670.3 | 714.5 | 758.6 | 819.9 | 892.7 | 938.4 | 981.8 | 1067.8 | 1141.5 | 1177.9 | 1163.2 |
| 42.5° | 630.8 | 676.5 | 716.0 | 772.6 | 846.2 | 888.8 | 933.0 | 1022.1 | 1081.8 | 1096.5 | 1060.1 |
| 45° | 592.0 | 630.0 | 668.0 | 723.0 | 800.5 | 836.9 | 884.2 | 967.1 | 1016.7 | 1003.5 | 950.1 |
| 47.5° | 554.1 | 585.1 | 620.7 | 674.2 | 743.9 | 787.3 | 831.5 | 903.6 | 938.4 | 919.8 | 845.4 |
| 50° | 509.1 | 540.1 | 577.3 | 623.8 | 691.2 | 733.1 | 767.9 | 834.6 | 860.9 | 815.2 | 725.3 |
| 52.5° | 466.5 | 493.6 | 525.4 | 568.8 | 633.1 | 671.1 | 709.1 | 766.4 | 774.9 | 722.2 | 627.7 |
| 55° | 426.2 | 447.9 | 481.2 | 516.1 | 575.0 | 615.3 | 641.6 | 690.5 | 688.1 | 622.3 | 540.9 |
| 57.5° | 384.4 | 404.5 | 427.0 | 463.4 | 519.2 | 549.4 | 578.1 | 620.7 | 598.2 | 542.4 | 461.9 |
| 60° | 347.2 | 358.8 | 381.3 | 416.1 | 463.4 | 489.7 | 512.2 | 535.5 | 516.1 | 455.7 | 393.7 |
| 62.5° | 306.1 | 319.3 | 335.5 | 363.4 | 405.3 | 430.1 | 446.4 | 456.4 | 436.3 | 389.8 | 333.2 |
| 65° | 267.3 | 279.0 | 296.0 | 320.8 | 352.6 | 371.2 | 379.7 | 386.7 | 375.8 | 323.1 | 278.2 |
| 67.5° | 232.5 | 240.2 | 255.7 | 272.0 | 306.1 | 310.7 | 322.4 | 325.5 | 303.8 | 263.5 | 227.8 |
| 70° | 197.6 | 205.4 | 212.3 | 231.7 | 247.2 | 255.7 | 258.0 | 258.0 | 236.4 | 210.0 | 180.6 |
| 72.5° | 165.1 | 169.7 | 176.7 | 189.9 | 198.4 | 204.6 | 207.7 | 203.8 | 183.7 | 162.0 | 140.3 |
| 75° | 134.1 | 136.4 | 142.6 | 151.1 | 158.1 | 155.8 | 155.0 | 150.3 | 135.6 | 120.1 | 107.7 |
| 77.5° | 103.1 | 104.6 | 111.6 | 113.9 | 113.9 | 116.2 | 113.1 | 108.5 | 96.1 | 84.5 | 79.0 |
| 80° | 77.5 | 79.8 | 80.6 | 82.1 | 80.6 | 80.6 | 78.3 | 70.5 | 64.3 | 58.9 | 55.0 |
| 82.5° | 53.5 | 55.0 | 55.8 | 53.5 | 55.0 | 52.7 | 48.8 | 43.4 | 39.5 | 38.7 | 37.2 |
| 85° | 31.8 | 32.5 | 31.8 | 31.8 | 29.4 | 28.7 | 25.6 | 24.8 | 23.2 | 23.2 | 22.5 |
| 87.5° | 15.5 | 14.7 | 13.2 | 11.6 | 11.6 | 10.8 | 11.6 | 10.1 | 11.6 | 10.8 | 10.1 |
| 90° | 3.0 | 5.4 | 7.8 | 10.2 | 12.6 | 13.8 | 14.7 | 16.4 | 18.2 | 19.9 | 21.7 |
| 92.5° | 14.8 | 14.4 | 13.9 | 13.5 | 13.0 | 12.8 | 13.7 | 15.5 | 17.2 | 19.0 | 20.8 |
| 95° | 54.4 | 46.9 | 39.5 | 32.0 | 24.5 | 20.8 | 20.9 | 21.1 | 21.3 | 21.5 | 21.7 |
| 97.5° | 103.8 | 108.6 | 113.4 | 118.3 | 123.1 | 125.5 | 114.0 | 90.9 | 67.8 | 44.8 | 21.7 |
| 100° | 162.1 | 166.0 | 170.0 | 173.9 | 177.8 | 179.8 | 164.7 | 134.4 | 104.1 | 73.8 | 43.5 |
| 102.5° | 227.3 | 229.9 | 232.5 | 235.2 | 237.8 | 239.1 | 240.4 | 243.1 | 245.7 | 248.4 | 251.0 |
| 105° | 297.4 | 298.7 | 300.1 | 301.4 | 302.7 | 303.4 | 303.9 | 305.0 | 306.1 | 307.2 | 308.3 |
| 107.5° | 361.7 | 362.3 | 363.0 | 363.6 | 364.3 | 364.6 | 365.4 | 366.9 | 368.5 | 370.0 | 371.6 |
| 110° | 426.9 | 427.6 | 428.2 | 428.9 | 429.6 | 429.9 | 430.6 | 431.9 | 433.2 | 434.5 | 435.8 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 490.1 | 491.4 | 492.8 | 494.1 | 495.4 | 496.1 | 496.3 | 496.7 | 497.2 | 497.6 | 498.0 |
| 115° | 555.4 | 556.0 | 556.7 | 557.3 | 558.0 | 558.3 | 558.2 | 558.0 | 557.7 | 557.5 | 557.3 |
| 117.5° | 613.7 | 614.6 | 615.4 | 616.3 | 617.2 | 617.6 | 617.9 | 618.6 | 619.3 | 619.9 | 620.6 |
| 120° | 673.0 | 673.9 | 674.7 | 675.6 | 676.5 | 676.9 | 676.8 | 676.6 | 676.3 | 676.1 | 675.9 |
| 122.5° | 728.3 | 728.7 | 729.2 | 729.6 | 730.1 | 730.3 | 730.5 | 730.9 | 731.4 | 731.8 | 732.2 |
| 125° | 780.7 | 781.6 | 782.4 | 783.3 | 784.2 | 784.6 | 784.4 | 783.9 | 783.5 | 783.0 | 782.6 |
| 127.5° | 831.1 | 831.3 | 831.5 | 831.8 | 832.0 | 832.1 | 832.6 | 833.7 | 834.8 | 835.9 | 837.0 |
| 130° | 879.5 | 879.7 | 879.9 | 880.2 | 880.4 | 880.5 | 880.8 | 881.5 | 882.1 | 882.8 | 883.4 |
| 132.5° | 924.0 | 924.4 | 924.8 | 925.3 | 925.7 | 925.9 | 926.3 | 927.2 | 928.1 | 929.0 | 929.9 |
| 135° | 968.4 | 968.2 | 968.0 | 967.7 | 967.5 | 967.4 | 967.8 | 968.7 | 969.6 | 970.5 | 971.4 |
| 137.5° | 1007.9 | 1007.9 | 1007.9 | 1007.9 | 1007.9 | 1007.9 | 1008.5 | 1009.6 | 1010.7 | 1011.8 | 1012.9 |
| 140° | 1046.5 | 1046.9 | 1047.4 | 1047.8 | 1048.3 | 1048.5 | 1048.7 | 1049.1 | 1049.6 | 1050.0 | 1050.4 |
| 142.5° | 1081.1 | 1082.0 | 1082.8 | 1083.7 | 1084.6 | 1085.0 | 1085.1 | 1085.3 | 1085.6 | 1085.8 | 1086.0 |
| 145° | 1116.6 | 1117.3 | 1117.9 | 1118.6 | 1119.3 | 1119.6 | 1119.6 | 1119.6 | 1119.6 | 1119.6 | 1119.6 |
| 147.5° | 1144.3 | 1145.6 | 1146.9 | 1148.2 | 1149.5 | 1150.2 | 1150.1 | 1149.9 | 1149.7 | 1149.5 | 1149.3 |
| 150° | 1175.0 | 1175.9 | 1176.7 | 1177.6 | 1178.5 | 1178.9 | 1178.8 | 1178.6 | 1178.3 | 1178.1 | 1177.9 |
| 152.5° | 1200.6 | 1201.3 | 1201.9 | 1202.6 | 1203.3 | 1203.6 | 1203.4 | 1202.9 | 1202.5 | 1202.0 | 1201.6 |
| 155° | 1224.4 | 1224.6 | 1224.8 | 1225.1 | 1225.3 | 1225.4 | 1225.1 | 1224.4 | 1223.7 | 1223.1 | 1222.4 |
| 157.5° | 1245.1 | 1245.1 | 1245.1 | 1245.1 | 1245.1 | 1245.1 | 1244.7 | 1243.8 | 1242.9 | 1242.1 | 1241.2 |
| 160° | 1262.9 | 1262.2 | 1261.6 | 1260.9 | 1260.2 | 1259.9 | 1259.8 | 1259.6 | 1259.3 | 1259.1 | 1258.9 |
| 162.5° | 1278.7 | 1277.8 | 1277.0 | 1276.1 | 1275.2 | 1274.8 | 1274.7 | 1274.5 | 1274.2 | 1274.0 | 1273.8 |
| 165° | 1291.6 | 1290.5 | 1289.4 | 1288.3 | 1287.2 | 1286.6 | 1286.6 | 1286.6 | 1286.6 | 1286.6 | 1286.6 |
| 167.5° | 1302.4 | 1301.3 | 1300.2 | 1299.1 | 1298.0 | 1297.5 | 1297.4 | 1297.2 | 1296.9 | 1296.7 | 1296.5 |
| 170° | 1311.3 | 1310.0 | 1308.7 | 1307.4 | 1306.1 | 1305.4 | 1305.5 | 1305.7 | 1306.0 | 1306.2 | 1306.4 |
| 172.5° | 1317.3 | 1316.0 | 1314.6 | 1313.3 | 1312.0 | 1311.3 | 1311.4 | 1311.6 | 1311.9 | 1312.1 | 1312.3 |
| 175° | 1321.2 | 1319.9 | 1318.6 | 1317.3 | 1316.0 | 1315.3 | 1315.4 | 1315.6 | 1315.9 | 1316.1 | 1316.3 |
| 177.5° | 1324.2 | 1322.7 | 1321.1 | 1319.6 | 1318.1 | 1317.3 | 1317.5 | 1317.9 | 1318.4 | 1318.8 | 1319.2 |
| 180° | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | *961.7* | 961.7 | 961.7 |
| 2.5° | 1008.2 | 1016.7 | 1017.5 | 1025.2 | 1022.9 | 1019.0 | 1026.0 | 1021.3 | *1030.6* | 1027.5 | 1031.4 |
| 5° | 1067.1 | 1078.7 | 1088.8 | 1095.0 | 1105.8 | 1103.5 | 1115.1 | 1111.2 | *1119.8* | 1111.2 | 1122.1 |
| 7.5° | 1136.0 | 1155.4 | 1165.5 | 1181.8 | 1186.4 | 1187.2 | 1201.1 | 1204.2 | *1209.6* | 1204.2 | 1210.4 |
| 10° | 1203.4 | 1226.7 | 1249.9 | 1263.1 | 1271.6 | 1283.3 | 1295.7 | 1301.1 | *1305.0* | 1299.5 | 1303.4 |
| 12.5° | 1264.7 | 1301.1 | 1326.7 | 1353.0 | 1359.2 | 1369.3 | 1382.5 | 1380.9 | *1396.4* | 1393.3 | 1400.3 |
| 15° | 1321.2 | 1361.5 | 1392.5 | 1413.5 | 1430.5 | 1439.0 | 1463.8 | 1465.4 | *1464.6* | 1472.3 | 1467.7 |
| 17.5° | 1371.6 | 1405.7 | 1449.9 | 1477.0 | 1497.9 | 1497.9 | 1511.9 | 1540.5 | *1538.2* | 1537.4 | 1542.1 |
| 20° | 1412.7 | 1451.4 | 1492.5 | 1538.2 | 1555.3 | 1558.4 | 1577.7 | 1592.5 | *1594.8* | 1594.8 | 1594.8 |
| 22.5° | *1443.7* | *1489.4* | *1533.6* | *1566.1* | *1579.3* | *1590.1* | *1607.2* | *1616.5* | *1619.6* | *1618.0* | *1619.6* |
| 25° | 1459.2 | 1502.6 | 1547.5 | 1577.0 | 1584.7 | 1590.9 | 1592.5 | 1597.9 | *1597.1* | 1587.8 | 1593.2 |
| 27.5° | 1462.3 | 1504.1 | 1533.6 | 1541.3 | 1537.4 | 1533.6 | 1508.8 | 1511.1 | *1504.1* | 1490.2 | 1495.6 |
| 30° | 1448.3 | 1470.8 | 1470.0 | 1446.0 | 1439.0 | 1422.8 | 1400.3 | 1367.0 | *1339.8* | 1328.2 | 1332.1 |
| 32.5° | 1398.0 | 1398.0 | 1370.1 | 1315.8 | 1291.8 | 1262.3 | 1222.0 | 1191.8 | *1156.2* | 1148.4 | 1163.2 |
| 35° | 1328.2 | 1288.7 | 1237.5 | 1166.3 | 1129.8 | 1108.1 | 1038.4 | 1016.7 | *986.5* | 977.9 | 984.9 |
| 37.5° | 1219.7 | 1153.9 | 1079.5 | 1012.8 | 981.8 | 943.1 | 881.9 | 850.9 | *829.2* | 814.4 | 821.4 |
| 40° | 1098.1 | 1018.2 | 940.8 | 858.6 | 824.5 | 792.7 | 747.0 | 719.1 | *684.3* | 685.8 | 688.1 |
| 42.5° | 981.8 | 888.1 | 801.3 | 725.3 | 692.8 | 666.4 | 634.7 | 600.6 | *588.2* | 584.3 | 580.4 |
| 45° | 858.6 | 758.6 | 677.3 | 620.7 | 591.3 | 566.5 | 537.0 | 517.6 | *502.9* | 499.8 | 503.7 |
| 47.5° | 742.4 | 657.9 | 580.4 | 527.7 | 503.7 | 491.3 | 468.1 | 450.2 | *440.9* | 433.2 | 437.8 |
| 50° | 637.0 | 557.9 | 495.9 | 451.8 | 434.7 | 426.2 | 404.5 | 395.2 | *385.9* | 383.6 | 382.8 |
| 52.5° | 550.2 | 482.8 | 429.3 | 393.7 | 380.5 | 375.8 | 359.6 | 346.4 | *338.6* | 341.0 | 342.5 |
| 55° | 471.2 | 413.8 | 372.0 | 343.3 | 332.4 | 327.0 | 315.4 | 306.1 | *300.7* | 298.3 | 299.9 |
| 57.5° | 401.4 | 351.8 | 321.6 | 298.3 | 289.8 | 287.5 | 275.1 | 272.0 | *268.1* | 265.8 | 265.8 |
| 60° | 337.9 | 303.0 | 275.1 | 261.9 | 252.6 | 250.3 | 241.0 | 237.1 | *236.4* | 234.0 | 232.5 |
| 62.5° | 284.4 | 255.7 | 236.4 | 222.4 | 218.5 | 217.8 | 211.6 | 206.9 | *204.6* | 203.0 | 203.0 |
| 65° | 237.9 | 217.0 | 200.7 | 190.6 | 187.5 | 186.0 | 179.0 | 177.5 | *175.9* | 174.4 | 173.6 |
| 67.5° | 198.4 | 179.8 | 168.2 | 161.2 | 157.3 | 158.1 | 154.2 | 151.1 | *151.1* | 150.3 | 149.6 |
| 70° | 160.4 | 148.8 | 138.7 | 134.8 | 133.3 | 131.7 | 130.2 | 127.9 | *127.1* | 127.1 | 127.1 |
| 72.5° | 126.3 | 118.6 | 113.1 | 110.8 | 109.3 | 107.7 | 106.2 | 106.2 | *106.2* | 105.4 | 105.4 |
| 75° | 96.9 | 93.8 | 89.9 | 87.6 | 87.6 | 89.1 | 86.8 | 84.5 | *82.1* | 80.6 | 81.4 |
| 77.5° | 72.8 | 71.3 | 69.0 | 65.1 | 65.9 | 64.3 | 64.3 | 62.8 | *63.5* | 63.5 | 62.0 |
| 80° | 53.5 | 51.1 | 50.4 | 48.0 | 48.8 | 48.0 | 47.3 | 47.3 | *45.7* | 45.7 | 45.7 |
| 82.5° | 37.2 | 34.9 | 34.9 | 34.1 | 33.3 | 33.3 | 32.5 | 32.5 | *33.3* | 31.8 | 31.8 |
| 85° | 22.5 | 21.7 | 21.7 | 20.1 | 20.1 | 20.1 | 20.1 | 20.9 | *20.1* | 19.4 | 19.4 |
| 87.5° | 10.1 | 10.8 | 10.1 | 9.3 | 9.3 | 9.3 | 8.5 | 8.5 | *7.7* | 8.5 | 8.5 |
| 90° | 23.0 | 24.4 | 25.7 | 27.0 | 27.7 | 27.9 | 28.3 | 28.8 | *29.2* | 29.6 | 29.2 |
| 92.5° | 22.1 | 23.4 | 24.7 | 26.0 | 26.7 | 26.7 | 26.7 | 26.7 | *26.7* | 26.7 | 26.7 |
| 95° | 23.0 | 24.4 | 25.7 | 27.0 | 27.7 | 27.8 | 28.0 | 28.3 | *28.5* | 28.7 | 28.5 |
| 97.5° | 22.8 | 23.9 | 25.0 | 26.1 | 26.7 | 26.8 | 27.0 | 27.3 | *27.5* | 27.7 | 27.5 |
| 100° | 39.8 | 36.0 | 32.3 | 28.6 | 26.7 | 26.8 | 27.0 | 27.3 | *27.5* | 27.7 | 27.5 |
| 102.5° | 201.6 | 152.2 | 102.8 | 53.4 | 28.7 | 28.7 | 28.7 | 28.7 | *28.7* | 28.7 | 28.7 |
| 105° | 310.3 | 312.3 | 314.2 | 316.2 | 317.2 | 313.2 | 305.3 | 297.4 | *289.5* | 281.6 | 289.5 |
| 107.5° | 372.7 | 373.8 | 374.9 | 376.0 | 376.5 | 376.9 | 377.8 | 378.7 | *379.6* | 380.5 | 379.6 |
| 110° | 436.2 | 436.7 | 437.1 | 437.6 | 437.8 | 438.1 | 438.8 | 439.4 | *440.1* | 440.7 | 440.1 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 497.8 | 497.6 | 497.4 | 497.2 | 497.1 | 497.5 | 498.4 | 499.3 | *500.1* | 501.0 | 500.1 |
| 115° | 557.7 | 558.2 | 558.6 | 559.1 | 559.3 | 559.3 | 559.3 | 559.3 | *559.3* | 559.3 | 559.3 |
| 117.5° | 620.4 | 620.2 | 619.9 | 619.7 | 619.6 | 619.6 | 619.6 | 619.6 | *619.6* | 619.6 | 619.6 |
| 120° | 676.3 | 676.8 | 677.2 | 677.7 | 677.9 | 677.7 | 677.2 | 676.8 | *676.3* | 675.9 | 676.3 |
| 122.5° | 732.4 | 732.6 | 732.9 | 733.1 | 733.2 | 733.0 | 732.6 | 732.1 | *731.7* | 731.3 | 731.7 |
| 125° | 783.3 | 783.9 | 784.6 | 785.3 | 785.6 | 785.7 | 785.9 | 786.2 | *786.4* | 786.6 | 786.4 |
| 127.5° | 836.8 | 836.6 | 836.3 | 836.1 | 836.0 | 835.9 | 835.7 | 835.4 | *835.2* | 835.0 | 835.2 |
| 130° | 883.6 | 883.8 | 884.1 | 884.3 | 884.4 | 884.4 | 884.4 | 884.4 | *884.4* | 884.4 | 884.4 |
| 132.5° | 930.1 | 930.3 | 930.6 | 930.8 | 930.9 | 930.8 | 930.6 | 930.3 | *930.1* | 929.9 | 930.1 |
| 135° | 971.8 | 972.3 | 972.7 | 973.2 | 973.4 | 973.6 | 974.0 | 974.5 | *974.9* | 975.3 | 974.9 |
| 137.5° | 1013.3 | 1013.8 | 1014.2 | 1014.7 | 1014.9 | 1014.8 | 1014.6 | 1014.3 | *1014.1* | 1013.9 | 1014.1 |
| 140° | 1051.1 | 1051.7 | 1052.4 | 1053.1 | 1053.4 | 1053.5 | 1053.7 | 1054.0 | *1054.2* | 1054.4 | 1054.2 |
| 142.5° | 1086.4 | 1086.9 | 1087.3 | 1087.8 | 1088.0 | 1088.0 | 1088.0 | 1088.0 | *1088.0* | 1088.0 | 1088.0 |
| 145° | 1119.8 | 1120.0 | 1120.3 | 1120.5 | 1120.6 | 1120.8 | 1121.3 | 1121.7 | *1122.2* | 1122.6 | 1122.2 |
| 147.5° | 1149.5 | 1149.7 | 1149.9 | 1150.1 | 1150.2 | 1150.3 | 1150.5 | 1150.8 | *1151.0* | 1151.2 | 1151.0 |
| 150° | 1177.9 | 1177.9 | 1177.9 | 1177.9 | 1177.9 | 1178.0 | 1178.2 | 1178.5 | *1178.7* | 1178.9 | 1178.7 |
| 152.5° | 1202.0 | 1202.5 | 1202.9 | 1203.4 | 1203.6 | 1203.5 | 1203.3 | 1203.0 | *1202.8* | 1202.6 | 1202.8 |
| 155° | 1223.3 | 1224.1 | 1225.0 | 1225.9 | 1226.3 | 1226.0 | 1225.3 | 1224.7 | *1224.0* | 1223.4 | 1224.0 |
| 157.5° | 1242.3 | 1243.4 | 1244.5 | 1245.6 | 1246.1 | 1245.6 | 1244.5 | 1243.4 | *1242.3* | 1241.2 | 1242.3 |
| 160° | 1260.2 | 1261.6 | 1262.9 | 1264.2 | 1264.9 | 1264.2 | 1262.9 | 1261.6 | *1260.2* | 1258.9 | 1260.2 |
| 162.5° | 1275.1 | 1276.4 | 1277.7 | 1279.0 | 1279.7 | 1278.9 | 1277.4 | 1275.9 | *1274.3* | 1272.8 | 1274.3 |
| 165° | 1288.4 | 1290.1 | 1291.9 | 1293.6 | 1294.5 | 1293.5 | 1291.5 | 1289.6 | *1287.6* | 1285.6 | 1287.6 |
| 167.5° | 1298.5 | 1300.5 | 1302.4 | 1304.4 | 1305.4 | 1304.3 | 1302.1 | 1299.9 | *1297.7* | 1295.5 | 1297.7 |
| 170° | 1308.2 | 1309.9 | 1311.7 | 1313.4 | 1314.3 | 1313.2 | 1311.0 | 1308.8 | *1306.6* | 1304.4 | 1306.6 |
| 172.5° | 1314.1 | 1315.8 | 1317.6 | 1319.3 | 1320.2 | 1319.0 | 1316.6 | 1314.1 | *1311.7* | 1309.3 | 1311.7 |
| 175° | 1318.3 | 1320.3 | 1322.2 | 1324.2 | 1325.2 | 1323.9 | 1321.2 | 1318.6 | *1315.9* | 1313.3 | 1315.9 |
| 177.5° | 1321.0 | 1322.7 | 1324.5 | 1326.2 | 1327.1 | 1325.8 | 1323.2 | 1320.5 | *1317.9* | 1315.3 | 1317.9 |
| 180° | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | *1321.2* | 1321.2 | 1321.2 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 |
| 2.5° | 1033.7 | 1028.3 | 1027.5 | 1027.5 | 1019.0 | 1023.7 | 1014.4 | 1004.3 | 999.6 | 999.6 | 991.1 |
| 5° | 1119.8 | 1114.3 | 1108.9 | 1100.4 | 1100.4 | 1095.7 | 1081.0 | 1066.3 | 1055.4 | 1046.1 | 1036.1 |
| 7.5° | 1208.1 | 1202.7 | 1187.2 | 1178.7 | 1183.3 | 1174.0 | 1154.6 | 1129.8 | 1111.2 | 1096.5 | 1075.6 |
| 10° | 1304.2 | 1289.5 | 1281.7 | 1277.1 | 1260.8 | 1250.7 | 1228.2 | 1191.8 | 1168.6 | 1149.2 | 1122.1 |
| 12.5° | 1382.5 | 1387.1 | 1357.7 | 1360.0 | 1343.7 | 1329.8 | 1294.9 | 1260.0 | 1225.1 | 1198.0 | 1157.7 |
| 15° | 1466.9 | 1453.0 | 1435.1 | 1421.2 | 1415.8 | 1398.7 | 1369.3 | 1322.8 | 1284.8 | 1242.2 | 1196.5 |
| 17.5° | 1533.6 | 1522.7 | 1505.7 | 1492.5 | 1480.9 | 1439.8 | 1415.0 | 1373.9 | 1322.0 | 1280.2 | 1224.4 |
| 20° | 1590.1 | 1580.1 | 1556.0 | 1547.5 | 1526.6 | 1497.1 | 1461.5 | 1398.0 | 1351.5 | 1305.7 | 1251.5 |
| 22.5° | *1614.2* | *1604.1* | *1583.2* | *1572.3* | *1559.1* | *1530.5* | *1496.4* | *1435.9* | *1378.6* | *1321.2* | *1263.9* |
| 25° | 1594.0 | 1594.0 | 1583.9 | 1580.1 | 1568.4 | 1542.9 | 1508.0 | 1456.8 | 1395.6 | 1333.6 | 1265.4 |
| 27.5° | 1496.4 | 1515.7 | 1522.7 | 1526.6 | 1526.6 | 1527.4 | 1503.3 | 1453.7 | 1394.1 | 1333.6 | 1262.3 |
| 30° | 1355.3 | 1387.9 | 1416.6 | 1425.1 | 1439.8 | 1456.1 | 1466.1 | 1442.1 | 1388.7 | 1325.1 | 1253.8 |
| 32.5° | 1177.9 | 1219.7 | 1273.2 | 1286.4 | 1306.5 | 1355.3 | 1382.5 | 1392.5 | 1363.1 | 1307.3 | 1231.3 |
| 35° | 1001.2 | 1053.9 | 1086.4 | 1126.7 | 1145.3 | 1217.4 | 1277.8 | 1314.3 | 1307.3 | 1274.0 | 1205.0 |
| 37.5° | 847.0 | 877.2 | 916.7 | 959.3 | 996.5 | 1065.5 | 1140.7 | 1211.2 | 1239.9 | 1223.6 | 1171.7 |
| 40° | 699.0 | 734.6 | 781.9 | 816.8 | 842.3 | 911.3 | 1004.3 | 1081.0 | 1143.8 | 1153.9 | 1122.1 |
| 42.5° | 594.4 | 630.0 | 658.7 | 696.7 | 716.8 | 783.4 | 865.6 | 961.7 | 1036.1 | 1075.6 | 1061.6 |
| 45° | 513.8 | 535.5 | 558.7 | 580.4 | 605.2 | 664.1 | 740.0 | 845.4 | 929.1 | 984.9 | 990.3 |
| 47.5° | 443.3 | 462.6 | 482.8 | 502.9 | 516.9 | 562.6 | 632.3 | 718.3 | 809.8 | 886.5 | 916.7 |
| 50° | 393.7 | 403.0 | 417.7 | 429.3 | 445.6 | 485.1 | 540.9 | 615.3 | 712.2 | 795.1 | 834.6 |
| 52.5° | 344.8 | 356.5 | 368.1 | 378.2 | 389.0 | 416.9 | 468.1 | 532.4 | 616.1 | 701.3 | 750.1 |
| 55° | 303.8 | 313.1 | 323.9 | 330.9 | 337.1 | 361.9 | 400.6 | 450.2 | 522.3 | 602.9 | 663.3 |
| 57.5° | 270.4 | 274.3 | 283.6 | 287.5 | 294.5 | 314.6 | 342.5 | 386.7 | 444.8 | 523.1 | 572.7 |
| 60° | 234.0 | 241.8 | 248.7 | 251.8 | 257.3 | 271.2 | 290.6 | 331.7 | 382.0 | 439.4 | 495.9 |
| 62.5° | 204.6 | 207.7 | 213.1 | 217.0 | 220.9 | 235.6 | 251.8 | 282.8 | 320.8 | 368.9 | 420.8 |
| 65° | 177.5 | 179.0 | 182.1 | 187.5 | 189.9 | 200.7 | 210.0 | 232.5 | 268.1 | 304.5 | 356.5 |
| 67.5° | 149.6 | 151.1 | 155.0 | 158.1 | 160.4 | 167.4 | 177.5 | 193.7 | 213.1 | 253.4 | 282.1 |
| 70° | 127.9 | 127.9 | 130.2 | 131.7 | 134.1 | 137.2 | 142.6 | 155.0 | 172.8 | 198.4 | 224.7 |
| 72.5° | 106.9 | 106.9 | 106.9 | 109.3 | 109.3 | 111.6 | 114.7 | 123.2 | 135.6 | 155.8 | 172.8 |
| 75° | 82.9 | 83.7 | 85.2 | 85.2 | 86.0 | 89.1 | 91.4 | 93.8 | 100.0 | 113.1 | 128.6 |
| 77.5° | 62.8 | 64.3 | 65.1 | 63.5 | 65.1 | 65.1 | 68.2 | 71.3 | 74.4 | 78.3 | 89.9 |
| 80° | 46.5 | 47.3 | 45.7 | 46.5 | 46.5 | 48.0 | 49.6 | 48.8 | 50.4 | 55.0 | 58.1 |
| 82.5° | 31.0 | 31.8 | 31.8 | 31.8 | 31.8 | 34.1 | 34.1 | 33.3 | 34.1 | 34.9 | 35.6 |
| 85° | 19.4 | 18.6 | 18.6 | 19.4 | 18.6 | 18.6 | 19.4 | 20.1 | 19.4 | 20.1 | 20.9 |
| 87.5° | 8.5 | 8.5 | 8.5 | 8.5 | 7.7 | 7.7 | 8.5 | 7.7 | 8.5 | 7.7 | 7.0 |
| 90° | 28.8 | 28.3 | 27.9 | 27.7 | 27.0 | 25.7 | 24.4 | 23.0 | 21.7 | 19.9 | 18.2 |
| 92.5° | 26.7 | 26.7 | 26.7 | 26.7 | 26.0 | 24.7 | 23.4 | 22.1 | 20.8 | 19.0 | 17.2 |
| 95° | 28.3 | 28.0 | 27.8 | 27.7 | 27.0 | 25.7 | 24.4 | 23.0 | 21.7 | 21.5 | 21.3 |
| 97.5° | 27.3 | 27.0 | 26.8 | 26.7 | 26.1 | 25.0 | 23.9 | 22.8 | 21.7 | 44.8 | 67.8 |
| 100° | 27.3 | 27.0 | 26.8 | 26.7 | 28.6 | 32.3 | 36.0 | 39.8 | 43.5 | 73.8 | 104.1 |
| 102.5° | 28.7 | 28.7 | 28.7 | 28.7 | 53.4 | 102.8 | 152.2 | 201.6 | 251.0 | 248.4 | 245.7 |
| 105° | 297.4 | 305.3 | 313.2 | 317.2 | 316.2 | 314.2 | 312.3 | 310.3 | 308.3 | 307.2 | 306.1 |
| 107.5° | 378.7 | 377.8 | 376.9 | 376.5 | 376.0 | 374.9 | 373.8 | 372.7 | 371.6 | 370.0 | 368.5 |
| 110° | 439.4 | 438.8 | 438.1 | 437.8 | 437.6 | 437.1 | 436.7 | 436.2 | 435.8 | 434.5 | 433.2 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 499.3 | 498.4 | 497.5 | 497.1 | 497.2 | 497.4 | 497.6 | 497.8 | 498.0 | 497.6 | 497.2 |
| 115° | 559.3 | 559.3 | 559.3 | 559.3 | 559.1 | 558.6 | 558.2 | 557.7 | 557.3 | 557.5 | 557.7 |
| 117.5° | 619.6 | 619.6 | 619.6 | 619.6 | 619.7 | 619.9 | 620.2 | 620.4 | 620.6 | 619.9 | 619.3 |
| 120° | 676.8 | 677.2 | 677.7 | 677.9 | 677.7 | 677.2 | 676.8 | 676.3 | 675.9 | 676.1 | 676.3 |
| 122.5° | 732.1 | 732.6 | 733.0 | 733.2 | 733.1 | 732.9 | 732.6 | 732.4 | 732.2 | 731.8 | 731.4 |
| 125° | 786.2 | 785.9 | 785.7 | 785.6 | 785.3 | 784.6 | 783.9 | 783.3 | 782.6 | 783.0 | 783.5 |
| 127.5° | 835.4 | 835.7 | 835.9 | 836.0 | 836.1 | 836.3 | 836.6 | 836.8 | 837.0 | 835.9 | 834.8 |
| 130° | 884.4 | 884.4 | 884.4 | 884.4 | 884.3 | 884.1 | 883.8 | 883.6 | 883.4 | 882.8 | 882.1 |
| 132.5° | 930.3 | 930.6 | 930.8 | 930.9 | 930.8 | 930.6 | 930.3 | 930.1 | 929.9 | 929.0 | 928.1 |
| 135° | 974.5 | 974.0 | 973.6 | 973.4 | 973.2 | 972.7 | 972.3 | 971.8 | 971.4 | 970.5 | 969.6 |
| 137.5° | 1014.3 | 1014.6 | 1014.8 | 1014.9 | 1014.7 | 1014.2 | 1013.8 | 1013.3 | 1012.9 | 1011.8 | 1010.7 |
| 140° | 1054.0 | 1053.7 | 1053.5 | 1053.4 | 1053.1 | 1052.4 | 1051.7 | 1051.1 | 1050.4 | 1050.0 | 1049.6 |
| 142.5° | 1088.0 | 1088.0 | 1088.0 | 1088.0 | 1087.8 | 1087.3 | 1086.9 | 1086.4 | 1086.0 | 1085.8 | 1085.6 |
| 145° | 1121.7 | 1121.3 | 1120.8 | 1120.6 | 1120.5 | 1120.3 | 1120.0 | 1119.8 | 1119.6 | 1119.6 | 1119.6 |
| 147.5° | 1150.8 | 1150.5 | 1150.3 | 1150.2 | 1150.1 | 1149.9 | 1149.7 | 1149.5 | 1149.3 | 1149.5 | 1149.7 |
| 150° | 1178.5 | 1178.2 | 1178.0 | 1177.9 | 1177.9 | 1177.9 | 1177.9 | 1177.9 | 1177.9 | 1178.1 | 1178.3 |
| 152.5° | 1203.0 | 1203.3 | 1203.5 | 1203.6 | 1203.4 | 1202.9 | 1202.5 | 1202.0 | 1201.6 | 1202.0 | 1202.5 |
| 155° | 1224.7 | 1225.3 | 1226.0 | 1226.3 | 1225.9 | 1225.0 | 1224.1 | 1223.3 | 1222.4 | 1223.1 | 1223.7 |
| 157.5° | 1243.4 | 1244.5 | 1245.6 | 1246.1 | 1245.6 | 1244.5 | 1243.4 | 1242.3 | 1241.2 | 1242.1 | 1242.9 |
| 160° | 1261.6 | 1262.9 | 1264.2 | 1264.9 | 1264.2 | 1262.9 | 1261.6 | 1260.2 | 1258.9 | 1259.1 | 1259.3 |
| 162.5° | 1275.9 | 1277.4 | 1278.9 | 1279.7 | 1279.0 | 1277.7 | 1276.4 | 1275.1 | 1273.8 | 1274.0 | 1274.2 |
| 165° | 1289.6 | 1291.5 | 1293.5 | 1294.5 | 1293.6 | 1291.9 | 1290.1 | 1288.4 | 1286.6 | 1286.6 | 1286.6 |
| 167.5° | 1299.9 | 1302.1 | 1304.3 | 1305.4 | 1304.4 | 1302.4 | 1300.5 | 1298.5 | 1296.5 | 1296.7 | 1296.9 |
| 170° | 1308.8 | 1311.0 | 1313.2 | 1314.3 | 1313.4 | 1311.7 | 1309.9 | 1308.2 | 1306.4 | 1306.2 | 1306.0 |
| 172.5° | 1314.1 | 1316.6 | 1319.0 | 1320.2 | 1319.3 | 1317.6 | 1315.8 | 1314.1 | 1312.3 | 1312.1 | 1311.9 |
| 175° | 1318.6 | 1321.2 | 1323.9 | 1325.2 | 1324.2 | 1322.2 | 1320.3 | 1318.3 | 1316.3 | 1316.1 | 1315.9 |
| 177.5° | 1320.5 | 1323.2 | 1325.8 | 1327.1 | 1326.2 | 1324.5 | 1322.7 | 1321.0 | 1319.2 | 1318.8 | 1318.4 |
| 180° | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° | 185° | 190° | 195° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 |
| 2.5° | 986.5 | 982.6 | 980.3 | 979.5 | 972.5 | 968.6 | 966.3 | 964.8 | 962.4 | 956.2 | 950.8 |
| 5° | 1023.7 | 1012.8 | 1007.4 | 1001.2 | 990.3 | 977.9 | 967.9 | 961.7 | 953.9 | 941.5 | 929.9 |
| 7.5° | 1058.5 | 1042.3 | 1031.4 | 1022.9 | 1004.3 | 984.1 | 967.9 | 954.7 | 940.0 | 922.9 | 906.7 |
| 10° | 1095.0 | 1068.6 | 1054.7 | 1041.5 | 1014.4 | 988.0 | 964.8 | 945.4 | 924.5 | 902.0 | 884.2 |
| 12.5° | 1123.6 | 1088.8 | 1073.3 | 1054.7 | 1021.3 | 990.3 | 960.9 | 934.6 | 907.4 | 883.4 | 857.8 |
| 15° | 1157.0 | 1113.6 | 1095.7 | 1071.7 | 1026.0 | 985.7 | 947.7 | 919.1 | 891.2 | 855.5 | 828.4 |
| 17.5° | 1176.3 | 1126.0 | 1100.4 | 1079.5 | 1029.9 | 981.0 | 936.9 | 901.2 | 868.7 | 833.0 | 804.4 |
| 20° | 1195.7 | 1138.4 | 1109.7 | 1080.2 | 1021.3 | 969.4 | 922.9 | 880.3 | 846.2 | 807.5 | 778.0 |
| 22.5° | *1201.9* | *1135.3* | *1105.0* | *1077.9* | *1015.9* | *957.8* | *904.3* | *860.9* | *821.4* | *782.7* | *749.3* |
| 25° | 1201.9 | 1134.5 | 1098.8 | 1064.0 | 998.9 | 939.2 | 885.7 | 838.5 | 794.3 | 755.5 | 722.2 |
| 27.5° | 1189.5 | 1119.0 | 1081.8 | 1050.0 | 982.6 | 918.3 | 863.3 | 811.3 | 768.7 | 730.0 | 692.0 |
| 30° | 1174.0 | 1096.5 | 1059.3 | 1021.3 | 956.2 | 895.0 | 835.4 | 787.3 | 742.4 | 698.2 | 664.1 |
| 32.5° | 1154.6 | 1072.5 | 1031.4 | 992.7 | 923.7 | 860.2 | 805.1 | 757.9 | 715.3 | 669.5 | 631.6 |
| 35° | 1126.7 | 1036.8 | 991.1 | 957.0 | 890.4 | 824.5 | 771.8 | 725.3 | 684.3 | 637.0 | 595.9 |
| 37.5° | 1091.1 | 1004.3 | 957.8 | 916.0 | 847.0 | 786.5 | 736.9 | 692.0 | 651.7 | 608.3 | 562.6 |
| 40° | 1049.2 | 958.6 | 918.3 | 874.1 | 801.3 | 743.9 | 697.4 | 657.1 | 616.8 | 575.8 | 531.6 |
| 42.5° | 1002.0 | 912.1 | 867.1 | 824.5 | 754.8 | 698.2 | 654.8 | 618.4 | 581.2 | 543.2 | 495.9 |
| 45° | 945.4 | 860.9 | 817.5 | 777.2 | 709.8 | 651.7 | 612.2 | 577.3 | 545.5 | 506.8 | 465.0 |
| 47.5° | 881.9 | 808.2 | 764.1 | 720.7 | 654.8 | 604.4 | 565.7 | 536.2 | 509.1 | 470.4 | 432.4 |
| 50° | 819.9 | 747.0 | 711.4 | 667.2 | 606.8 | 559.5 | 520.0 | 495.2 | 474.3 | 436.3 | 402.2 |
| 52.5° | 741.6 | 686.6 | 652.5 | 614.5 | 556.4 | 508.3 | 477.4 | 455.7 | 430.9 | 401.4 | 371.2 |
| 55° | 672.6 | 621.5 | 594.4 | 558.7 | 501.4 | 458.8 | 432.4 | 412.3 | 392.9 | 366.5 | 342.5 |
| 57.5° | 594.4 | 562.6 | 535.5 | 504.5 | 447.9 | 411.5 | 388.2 | 371.2 | 353.4 | 331.7 | 312.3 |
| 60° | 512.2 | 497.5 | 471.2 | 446.4 | 398.3 | 366.5 | 347.2 | 331.7 | 314.6 | 296.8 | 280.5 |
| 62.5° | 439.4 | 430.9 | 415.4 | 396.0 | 351.0 | 323.9 | 304.5 | 292.9 | 280.5 | 264.2 | 248.7 |
| 65° | 370.4 | 366.5 | 351.8 | 337.9 | 306.9 | 282.8 | 265.8 | 258.8 | 244.9 | 232.5 | 218.5 |
| 67.5° | 309.2 | 304.5 | 296.0 | 289.8 | 263.5 | 241.0 | 232.5 | 223.2 | 211.6 | 202.3 | 190.6 |
| 70° | 247.2 | 246.4 | 241.0 | 233.3 | 219.3 | 203.0 | 194.5 | 188.3 | 176.7 | 169.7 | 161.2 |
| 72.5° | 192.2 | 196.1 | 191.4 | 188.3 | 179.0 | 167.4 | 159.6 | 155.8 | 146.5 | 141.0 | 134.8 |
| 75° | 143.4 | 146.5 | 148.8 | 143.4 | 141.0 | 135.6 | 128.6 | 124.8 | 120.1 | 112.4 | 110.0 |
| 77.5° | 97.6 | 104.6 | 104.6 | 106.2 | 106.9 | 103.8 | 98.4 | 95.3 | 89.9 | 88.3 | 85.2 |
| 80° | 64.3 | 70.5 | 71.3 | 72.8 | 75.2 | 75.2 | 71.3 | 70.5 | 65.1 | 64.3 | 62.0 |
| 82.5° | 37.2 | 42.6 | 45.7 | 48.0 | 47.3 | 50.4 | 47.3 | 46.5 | 43.4 | 43.4 | 41.8 |
| 85° | 20.1 | 20.9 | 22.5 | 24.0 | 25.6 | 27.1 | 27.1 | 26.3 | 25.6 | 24.8 | 23.2 |
| 87.5° | 7.7 | 7.7 | 8.5 | 7.7 | 8.5 | 10.1 | 10.8 | 10.8 | 10.1 | 9.3 | 7.7 |
| 90° | 16.4 | 14.7 | 13.8 | 12.6 | 10.2 | 7.8 | 5.4 | 3.0 | 5.4 | 7.8 | 10.2 |
| 92.5° | 15.5 | 13.7 | 12.8 | 13.0 | 13.5 | 13.9 | 14.4 | 14.8 | 14.4 | 13.9 | 13.5 |
| 95° | 21.1 | 20.9 | 20.8 | 24.5 | 32.0 | 39.5 | 46.9 | 54.4 | 46.9 | 39.5 | 32.0 |
| 97.5° | 90.9 | 114.0 | 125.5 | 123.1 | 118.3 | 113.4 | 108.6 | 103.8 | 108.6 | 113.4 | 118.3 |
| 100° | 134.4 | 164.7 | 179.8 | 177.8 | 173.9 | 170.0 | 166.0 | 162.1 | 166.0 | 170.0 | 173.9 |
| 102.5° | 243.1 | 240.4 | 239.1 | 237.8 | 235.2 | 232.5 | 229.9 | 227.3 | 229.9 | 232.5 | 235.2 |
| 105° | 305.0 | 303.9 | 303.4 | 302.7 | 301.4 | 300.1 | 298.7 | 297.4 | 298.7 | 300.1 | 301.4 |
| 107.5° | 366.9 | 365.4 | 364.6 | 364.3 | 363.6 | 363.0 | 362.3 | 361.7 | 362.3 | 363.0 | 363.6 |
| 110° | 431.9 | 430.6 | 429.9 | 429.6 | 428.9 | 428.2 | 427.6 | 426.9 | 427.6 | 428.2 | 428.9 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° | 185° | 190° | 195° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 496.7 | 496.3 | 496.1 | 495.4 | 494.1 | 492.8 | 491.4 | 490.1 | 491.4 | 492.8 | 494.1 |
| 115° | 558.0 | 558.2 | 558.3 | 558.0 | 557.3 | 556.7 | 556.0 | 555.4 | 556.0 | 556.7 | 557.3 |
| 117.5° | 618.6 | 617.9 | 617.6 | 617.2 | 616.3 | 615.4 | 614.6 | 613.7 | 614.6 | 615.4 | 616.3 |
| 120° | 676.6 | 676.8 | 676.9 | 676.5 | 675.6 | 674.7 | 673.9 | 673.0 | 673.9 | 674.7 | 675.6 |
| 122.5° | 730.9 | 730.5 | 730.3 | 730.1 | 729.6 | 729.2 | 728.7 | 728.3 | 728.7 | 729.2 | 729.6 |
| 125° | 783.9 | 784.4 | 784.6 | 784.2 | 783.3 | 782.4 | 781.6 | 780.7 | 781.6 | 782.4 | 783.3 |
| 127.5° | 833.7 | 832.6 | 832.1 | 832.0 | 831.8 | 831.5 | 831.3 | 831.1 | 831.3 | 831.5 | 831.8 |
| 130° | 881.5 | 880.8 | 880.5 | 880.4 | 880.2 | 879.9 | 879.7 | 879.5 | 879.7 | 879.9 | 880.2 |
| 132.5° | 927.2 | 926.3 | 925.9 | 925.7 | 925.3 | 924.8 | 924.4 | 924.0 | 924.4 | 924.8 | 925.3 |
| 135° | 968.7 | 967.8 | 967.4 | 967.5 | 967.7 | 968.0 | 968.2 | 968.4 | 968.2 | 968.0 | 967.7 |
| 137.5° | 1009.6 | 1008.5 | 1007.9 | 1007.9 | 1007.9 | 1007.9 | 1007.9 | 1007.9 | 1007.9 | 1007.9 | 1007.9 |
| 140° | 1049.1 | 1048.7 | 1048.5 | 1048.3 | 1047.8 | 1047.4 | 1046.9 | 1046.5 | 1046.9 | 1047.4 | 1047.8 |
| 142.5° | 1085.3 | 1085.1 | 1085.0 | 1084.6 | 1083.7 | 1082.8 | 1082.0 | 1081.1 | 1082.0 | 1082.8 | 1083.7 |
| 145° | 1119.6 | 1119.6 | 1119.6 | 1119.3 | 1118.6 | 1117.9 | 1117.3 | 1116.6 | 1117.3 | 1117.9 | 1118.6 |
| 147.5° | 1149.9 | 1150.1 | 1150.2 | 1149.5 | 1148.2 | 1146.9 | 1145.6 | 1144.3 | 1145.6 | 1146.9 | 1148.2 |
| 150° | 1178.6 | 1178.8 | 1178.9 | 1178.5 | 1177.6 | 1176.7 | 1175.9 | 1175.0 | 1175.9 | 1176.7 | 1177.6 |
| 152.5° | 1202.9 | 1203.4 | 1203.6 | 1203.3 | 1202.6 | 1201.9 | 1201.3 | 1200.6 | 1201.3 | 1201.9 | 1202.6 |
| 155° | 1224.4 | 1225.1 | 1225.4 | 1225.3 | 1225.1 | 1224.8 | 1224.6 | 1224.4 | 1224.6 | 1224.8 | 1225.1 |
| 157.5° | 1243.8 | 1244.7 | 1245.1 | 1245.1 | 1245.1 | 1245.1 | 1245.1 | 1245.1 | 1245.1 | 1245.1 | 1245.1 |
| 160° | 1259.6 | 1259.8 | 1259.9 | 1260.2 | 1260.9 | 1261.6 | 1262.2 | 1262.9 | 1262.2 | 1261.6 | 1260.9 |
| 162.5° | 1274.5 | 1274.7 | 1274.8 | 1275.2 | 1276.1 | 1277.0 | 1277.8 | 1278.7 | 1277.8 | 1277.0 | 1276.1 |
| 165° | 1286.6 | 1286.6 | 1286.6 | 1287.2 | 1288.3 | 1289.4 | 1290.5 | 1291.6 | 1290.5 | 1289.4 | 1288.3 |
| 167.5° | 1297.2 | 1297.4 | 1297.5 | 1298.0 | 1299.1 | 1300.2 | 1301.3 | 1302.4 | 1301.3 | 1300.2 | 1299.1 |
| 170° | 1305.7 | 1305.5 | 1305.4 | 1306.1 | 1307.4 | 1308.7 | 1310.0 | 1311.3 | 1310.0 | 1308.7 | 1307.4 |
| 172.5° | 1311.6 | 1311.4 | 1311.3 | 1312.0 | 1313.3 | 1314.6 | 1316.0 | 1317.3 | 1316.0 | 1314.6 | 1313.3 |
| 175° | 1315.6 | 1315.4 | 1315.3 | 1316.0 | 1317.3 | 1318.6 | 1319.9 | 1321.2 | 1319.9 | 1318.6 | 1317.3 |
| 177.5° | 1317.9 | 1317.5 | 1317.3 | 1318.1 | 1319.6 | 1321.1 | 1322.7 | 1324.2 | 1322.7 | 1321.1 | 1319.6 |
| 180° | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 200° | 202.5° | 205° | 210° | 215° | 220° | 225° | 230° | 235° | 240° | 245° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 |
| 2.5° | 946.2 | 944.6 | 943.1 | 936.9 | 931.5 | 922.2 | 914.4 | 911.3 | 910.5 | 911.3 | 909.0 |
| 5° | 919.1 | 918.3 | 912.9 | 902.0 | 891.9 | 881.1 | 873.3 | 865.6 | 860.9 | 860.9 | 855.5 |
| 7.5° | 893.5 | 888.1 | 883.4 | 869.5 | 857.8 | 843.1 | 831.5 | 824.5 | 820.6 | 812.1 | 812.1 |
| 10° | 866.4 | 858.6 | 852.4 | 839.2 | 822.2 | 807.5 | 792.7 | 784.2 | 777.2 | 771.0 | 768.7 |
| 12.5° | 839.2 | 833.0 | 821.4 | 807.5 | 790.4 | 771.8 | 756.3 | 750.1 | 733.8 | 720.7 | 721.4 |
| 15° | 813.7 | 799.7 | 794.3 | 774.1 | 754.0 | 736.2 | 713.7 | 695.9 | 682.7 | 674.2 | 663.3 |
| 17.5° | 785.0 | 771.0 | 761.0 | 743.9 | 717.6 | 689.7 | 668.0 | 644.0 | 630.8 | 616.1 | 609.1 |
| 20° | 753.2 | 741.6 | 733.8 | 706.7 | 675.0 | 641.6 | 617.6 | 602.9 | 588.2 | 577.3 | 571.1 |
| 22.5° | *726.1* | *711.4* | *702.1* | *665.7* | *630.8* | *597.5* | *578.9* | *566.5* | *554.1* | *544.8* | *541.7* |
| 25° | 691.2 | 682.7 | 660.2 | 628.5 | 585.8 | 563.4 | 547.1 | 530.8 | 523.8 | 517.6 | 510.7 |
| 27.5° | 662.6 | 641.6 | 626.1 | 584.3 | 557.9 | 532.4 | 516.1 | 503.7 | 495.2 | 489.0 | 483.5 |
| 30° | 626.9 | 607.5 | 585.8 | 551.0 | 526.9 | 502.9 | 488.2 | 478.1 | 468.8 | 465.0 | 460.3 |
| 32.5° | 589.7 | 571.9 | 551.0 | 523.1 | 493.6 | 475.0 | 463.4 | 452.6 | 446.4 | 442.5 | 437.1 |
| 35° | 556.4 | 533.9 | 520.0 | 493.6 | 469.6 | 448.7 | 437.8 | 428.5 | 421.6 | 420.0 | 419.2 |
| 37.5° | 520.7 | 503.7 | 490.5 | 463.4 | 443.3 | 425.4 | 415.4 | 405.3 | 401.4 | 400.6 | 397.5 |
| 40° | 489.7 | 475.0 | 462.6 | 437.1 | 415.4 | 399.1 | 391.3 | 385.1 | 381.3 | 381.3 | 380.5 |
| 42.5° | 462.6 | 447.1 | 434.7 | 411.5 | 392.1 | 377.4 | 368.9 | 362.7 | 361.1 | 361.9 | 361.1 |
| 45° | 432.4 | 419.2 | 406.8 | 382.8 | 366.5 | 355.7 | 346.4 | 343.3 | 341.0 | 341.7 | 342.5 |
| 47.5° | 403.7 | 392.9 | 380.5 | 361.1 | 342.5 | 330.9 | 325.5 | 322.4 | 322.4 | 322.4 | 323.9 |
| 50° | 378.2 | 365.8 | 354.9 | 334.8 | 317.7 | 308.4 | 303.8 | 299.9 | 300.7 | 301.4 | 302.2 |
| 52.5° | 347.9 | 337.1 | 329.3 | 309.2 | 296.8 | 285.2 | 279.7 | 280.5 | 279.7 | 279.7 | 281.3 |
| 55° | 321.6 | 310.7 | 303.0 | 284.4 | 272.0 | 264.2 | 259.6 | 257.3 | 258.0 | 256.5 | 259.6 |
| 57.5° | 292.1 | 282.8 | 277.4 | 259.6 | 248.7 | 241.8 | 237.9 | 234.0 | 235.6 | 234.8 | 234.0 |
| 60° | 266.6 | 255.7 | 247.2 | 234.8 | 225.5 | 217.0 | 214.7 | 210.8 | 212.3 | 210.8 | 210.0 |
| 62.5° | 237.1 | 228.6 | 222.4 | 210.0 | 202.3 | 195.3 | 189.9 | 187.5 | 186.8 | 184.4 | 182.1 |
| 65° | 207.7 | 203.0 | 196.8 | 184.4 | 176.7 | 171.3 | 168.2 | 165.8 | 165.1 | 158.9 | 151.9 |
| 67.5° | 180.6 | 177.5 | 171.3 | 162.0 | 155.0 | 149.6 | 144.9 | 141.0 | 136.4 | 131.7 | 127.9 |
| 70° | 155.0 | 150.3 | 146.5 | 137.9 | 131.7 | 126.3 | 121.7 | 117.0 | 114.7 | 110.0 | 108.5 |
| 72.5° | 130.2 | 125.5 | 121.7 | 113.9 | 108.5 | 103.1 | 101.5 | 96.1 | 93.8 | 93.0 | 93.0 |
| 75° | 104.6 | 100.7 | 98.4 | 91.4 | 86.8 | 82.9 | 80.6 | 79.0 | 77.5 | 75.9 | 73.6 |
| 77.5° | 79.8 | 77.5 | 75.9 | 71.3 | 67.4 | 65.1 | 64.3 | 58.9 | 57.3 | 55.8 | 54.2 |
| 80° | 58.1 | 57.3 | 55.8 | 51.9 | 50.4 | 44.9 | 44.9 | 43.4 | 42.6 | 42.6 | 42.6 |
| 82.5° | 39.5 | 38.0 | 37.2 | 33.3 | 32.5 | 31.8 | 31.0 | 30.2 | 31.0 | 30.2 | 31.0 |
| 85° | 20.9 | 20.1 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 18.6 | 19.4 |
| 87.5° | 7.7 | 7.7 | 7.7 | 7.7 | 7.0 | 7.7 | 7.7 | 7.0 | 7.7 | 7.7 | 7.7 |
| 90° | 12.6 | 13.8 | 14.7 | 16.4 | 18.2 | 19.9 | 21.7 | 23.0 | 24.4 | 25.7 | 27.0 |
| 92.5° | 13.0 | 12.8 | 13.7 | 15.5 | 17.2 | 19.0 | 20.8 | 22.1 | 23.4 | 24.7 | 26.0 |
| 95° | 24.5 | 20.8 | 20.9 | 21.1 | 21.3 | 21.5 | 21.7 | 23.0 | 24.4 | 25.7 | 27.0 |
| 97.5° | 123.1 | 125.5 | 114.0 | 90.9 | 67.8 | 44.8 | 21.7 | 22.8 | 23.9 | 25.0 | 26.1 |
| 100° | 177.8 | 179.8 | 164.7 | 134.4 | 104.1 | 73.8 | 43.5 | 39.8 | 36.0 | 32.3 | 28.6 |
| 102.5° | 237.8 | 239.1 | 240.4 | 243.1 | 245.7 | 248.4 | 251.0 | 201.6 | 152.2 | 102.8 | 53.4 |
| 105° | 302.7 | 303.4 | 303.9 | 305.0 | 306.1 | 307.2 | 308.3 | 310.3 | 312.3 | 314.2 | 316.2 |
| 107.5° | 364.3 | 364.6 | 365.4 | 366.9 | 368.5 | 370.0 | 371.6 | 372.7 | 373.8 | 374.9 | 376.0 |
| 110° | 429.6 | 429.9 | 430.6 | 431.9 | 433.2 | 434.5 | 435.8 | 436.2 | 436.7 | 437.1 | 437.6 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 200° | 202.5° | 205° | 210° | 215° | 220° | 225° | 230° | 235° | 240° | 245° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 495.4 | 496.1 | 496.3 | 496.7 | 497.2 | 497.6 | 498.0 | 497.8 | 497.6 | 497.4 | 497.2 |
| 115° | 558.0 | 558.3 | 558.2 | 558.0 | 557.7 | 557.5 | 557.3 | 557.7 | 558.2 | 558.6 | 559.1 |
| 117.5° | 617.2 | 617.6 | 617.9 | 618.6 | 619.3 | 619.9 | 620.6 | 620.4 | 620.2 | 619.9 | 619.7 |
| 120° | 676.5 | 676.9 | 676.8 | 676.6 | 676.3 | 676.1 | 675.9 | 676.3 | 676.8 | 677.2 | 677.7 |
| 122.5° | 730.1 | 730.3 | 730.5 | 730.9 | 731.4 | 731.8 | 732.2 | 732.4 | 732.6 | 732.9 | 733.1 |
| 125° | 784.2 | 784.6 | 784.4 | 783.9 | 783.5 | 783.0 | 782.6 | 783.3 | 783.9 | 784.6 | 785.3 |
| 127.5° | 832.0 | 832.1 | 832.6 | 833.7 | 834.8 | 835.9 | 837.0 | 836.8 | 836.6 | 836.3 | 836.1 |
| 130° | 880.4 | 880.5 | 880.8 | 881.5 | 882.1 | 882.8 | 883.4 | 883.6 | 883.8 | 884.1 | 884.3 |
| 132.5° | 925.7 | 925.9 | 926.3 | 927.2 | 928.1 | 929.0 | 929.9 | 930.1 | 930.3 | 930.6 | 930.8 |
| 135° | 967.5 | 967.4 | 967.8 | 968.7 | 969.6 | 970.5 | 971.4 | 971.8 | 972.3 | 972.7 | 973.2 |
| 137.5° | 1007.9 | 1007.9 | 1008.5 | 1009.6 | 1010.7 | 1011.8 | 1012.9 | 1013.3 | 1013.8 | 1014.2 | 1014.7 |
| 140° | 1048.3 | 1048.5 | 1048.7 | 1049.1 | 1049.6 | 1050.0 | 1050.4 | 1051.1 | 1051.7 | 1052.4 | 1053.1 |
| 142.5° | 1084.6 | 1085.0 | 1085.1 | 1085.3 | 1085.6 | 1085.8 | 1086.0 | 1086.4 | 1086.9 | 1087.3 | 1087.8 |
| 145° | 1119.3 | 1119.6 | 1119.6 | 1119.6 | 1119.6 | 1119.6 | 1119.6 | 1119.8 | 1120.0 | 1120.3 | 1120.5 |
| 147.5° | 1149.5 | 1150.2 | 1150.1 | 1149.9 | 1149.7 | 1149.5 | 1149.3 | 1149.5 | 1149.7 | 1149.9 | 1150.1 |
| 150° | 1178.5 | 1178.9 | 1178.8 | 1178.6 | 1178.3 | 1178.1 | 1177.9 | 1177.9 | 1177.9 | 1177.9 | 1177.9 |
| 152.5° | 1203.3 | 1203.6 | 1203.4 | 1202.9 | 1202.5 | 1202.0 | 1201.6 | 1202.0 | 1202.5 | 1202.9 | 1203.4 |
| 155° | 1225.3 | 1225.4 | 1225.1 | 1224.4 | 1223.7 | 1223.1 | 1222.4 | 1223.3 | 1224.1 | 1225.0 | 1225.9 |
| 157.5° | 1245.1 | 1245.1 | 1244.7 | 1243.8 | 1242.9 | 1242.1 | 1241.2 | 1242.3 | 1243.4 | 1244.5 | 1245.6 |
| 160° | 1260.2 | 1259.9 | 1259.8 | 1259.6 | 1259.3 | 1259.1 | 1258.9 | 1260.2 | 1261.6 | 1262.9 | 1264.2 |
| 162.5° | 1275.2 | 1274.8 | 1274.7 | 1274.5 | 1274.2 | 1274.0 | 1273.8 | 1275.1 | 1276.4 | 1277.7 | 1279.0 |
| 165° | 1287.2 | 1286.6 | 1286.6 | 1286.6 | 1286.6 | 1286.6 | 1286.6 | 1288.4 | 1290.1 | 1291.9 | 1293.6 |
| 167.5° | 1298.0 | 1297.5 | 1297.4 | 1297.2 | 1296.9 | 1296.7 | 1296.5 | 1298.5 | 1300.5 | 1302.4 | 1304.4 |
| 170° | 1306.1 | 1305.4 | 1305.5 | 1305.7 | 1306.0 | 1306.2 | 1306.4 | 1308.2 | 1309.9 | 1311.7 | 1313.4 |
| 172.5° | 1312.0 | 1311.3 | 1311.4 | 1311.6 | 1311.9 | 1312.1 | 1312.3 | 1314.1 | 1315.8 | 1317.6 | 1319.3 |
| 175° | 1316.0 | 1315.3 | 1315.4 | 1315.6 | 1315.9 | 1316.1 | 1316.3 | 1318.3 | 1320.3 | 1322.2 | 1324.2 |
| 177.5° | 1318.1 | 1317.3 | 1317.5 | 1317.9 | 1318.4 | 1318.8 | 1319.2 | 1321.0 | 1322.7 | 1324.5 | 1326.2 |
| 180° | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 247.5° | 250° | 255° | 260° | 265° | 270° | 275° | 280° | 285° | 290° | 292.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 |
| 2.5° | 909.0 | 912.1 | 908.2 | 910.5 | 905.1 | 904.3 | 905.1 | 905.1 | 905.9 | 906.7 | 907.4 |
| 5° | 857.8 | 857.1 | 852.4 | 849.3 | 847.0 | 849.3 | 850.9 | 852.4 | 850.9 | 852.4 | 853.2 |
| 7.5° | 809.8 | 807.5 | 805.1 | 799.7 | 801.3 | 799.7 | 804.4 | 802.0 | 802.0 | 805.9 | 809.0 |
| 10° | 767.2 | 762.5 | 761.0 | 754.8 | 750.1 | 749.3 | 754.8 | 757.1 | 759.4 | 761.0 | 767.2 |
| 12.5° | 712.2 | 705.2 | 699.8 | 702.1 | 688.9 | 694.3 | 695.9 | 692.8 | 702.1 | 712.9 | 706.7 |
| 15° | 653.3 | 654.0 | 643.2 | 639.3 | 628.5 | 631.6 | 632.3 | 640.1 | 647.8 | 647.1 | 656.4 |
| 17.5° | 609.9 | 605.2 | 595.9 | 595.1 | 590.5 | 592.8 | 592.0 | 598.2 | 595.9 | 599.8 | 607.5 |
| 20° | 569.6 | 566.5 | 558.7 | 555.6 | 557.2 | 555.6 | 556.4 | 557.2 | 559.5 | 568.0 | 566.5 |
| 22.5° | *537.8* | *533.9* | *533.9* | *530.0* | *525.4* | *523.8* | *527.7* | *530.0* | *533.1* | *534.7* | *538.6* |
| 25° | 509.9 | 506.8 | 502.9 | 500.6 | 496.7 | 497.5 | 499.8 | 502.9 | 505.2 | 508.3 | 511.4 |
| 27.5° | 481.2 | 481.2 | 477.4 | 476.6 | 475.0 | 474.3 | 477.4 | 478.9 | 478.9 | 481.2 | 484.3 |
| 30° | 458.8 | 458.8 | 454.9 | 454.1 | 453.3 | 453.3 | 455.7 | 456.4 | 457.2 | 459.5 | 461.1 |
| 32.5° | 437.1 | 436.3 | 434.7 | 435.5 | 434.7 | 435.5 | 435.5 | 436.3 | 437.8 | 438.6 | 441.7 |
| 35° | 416.9 | 417.7 | 416.1 | 416.1 | 415.4 | 416.1 | 417.7 | 418.5 | 419.2 | 420.8 | 420.8 |
| 37.5° | 397.5 | 399.1 | 398.3 | 400.6 | 400.6 | 400.6 | 400.6 | 402.2 | 402.2 | 402.2 | 401.4 |
| 40° | 380.5 | 380.5 | 379.7 | 381.3 | 382.8 | 382.8 | 383.6 | 383.6 | 384.4 | 384.4 | 383.6 |
| 42.5° | 361.1 | 362.7 | 365.0 | 365.8 | 367.3 | 366.5 | 368.9 | 368.1 | 368.9 | 367.3 | 365.8 |
| 45° | 343.3 | 343.3 | 346.4 | 349.5 | 350.3 | 350.3 | 350.3 | 351.8 | 350.3 | 347.9 | 347.2 |
| 47.5° | 323.9 | 325.5 | 327.0 | 330.9 | 331.7 | 331.7 | 331.7 | 331.7 | 330.1 | 330.1 | 330.1 |
| 50° | 304.5 | 305.3 | 306.1 | 307.6 | 310.0 | 309.2 | 309.2 | 309.2 | 312.3 | 309.2 | 310.0 |
| 52.5° | 281.3 | 282.1 | 282.8 | 285.9 | 285.2 | 285.2 | 285.9 | 285.9 | 288.3 | 287.5 | 285.9 |
| 55° | 258.0 | 258.0 | 259.6 | 259.6 | 259.6 | 261.1 | 261.9 | 263.5 | 262.7 | 263.5 | 264.2 |
| 57.5° | 234.8 | 233.3 | 232.5 | 232.5 | 234.8 | 234.0 | 234.8 | 234.8 | 237.9 | 239.4 | 240.2 |
| 60° | 207.7 | 207.7 | 206.9 | 202.3 | 202.3 | 201.5 | 203.8 | 205.4 | 206.9 | 213.9 | 213.1 |
| 62.5° | 179.8 | 176.7 | 173.6 | 174.4 | 169.7 | 172.0 | 170.5 | 172.0 | 176.7 | 182.1 | 182.9 |
| 65° | 151.9 | 149.6 | 146.5 | 145.7 | 144.1 | 146.5 | 145.7 | 146.5 | 148.8 | 151.9 | 155.8 |
| 67.5° | 127.1 | 126.3 | 124.8 | 124.0 | 124.0 | 124.0 | 125.5 | 125.5 | 126.3 | 128.6 | 131.0 |
| 70° | 108.5 | 107.7 | 108.5 | 106.9 | 107.7 | 106.9 | 107.7 | 108.5 | 109.3 | 110.0 | 112.4 |
| 72.5° | 91.4 | 91.4 | 91.4 | 89.9 | 91.4 | 90.7 | 90.7 | 91.4 | 92.2 | 93.0 | 94.5 |
| 75° | 72.8 | 71.3 | 69.7 | 68.2 | 67.4 | 69.0 | 69.7 | 69.0 | 71.3 | 74.4 | 74.4 |
| 77.5° | 55.0 | 54.2 | 54.2 | 54.2 | 55.0 | 54.2 | 55.8 | 55.0 | 55.8 | 55.8 | 57.3 |
| 80° | 42.6 | 41.8 | 42.6 | 42.6 | 41.8 | 43.4 | 42.6 | 42.6 | 43.4 | 44.2 | 43.4 |
| 82.5° | 31.0 | 31.8 | 31.0 | 31.0 | 31.0 | 32.5 | 31.0 | 31.0 | 31.0 | 31.8 | 31.8 |
| 85° | 19.4 | 19.4 | 19.4 | 19.4 | 20.1 | 19.4 | 20.1 | 19.4 | 20.9 | 20.1 | 20.1 |
| 87.5° | 7.0 | 7.7 | 8.5 | 8.5 | 8.5 | 8.5 | 7.7 | 8.5 | 9.3 | 8.5 | 9.3 |
| 90° | 27.7 | 27.9 | 28.3 | 28.8 | 29.2 | 29.6 | 29.2 | 28.8 | 28.3 | 27.9 | 27.7 |
| 92.5° | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 |
| 95° | 27.7 | 27.8 | 28.0 | 28.3 | 28.5 | 28.7 | 28.5 | 28.3 | 28.0 | 27.8 | 27.7 |
| 97.5° | 26.7 | 26.8 | 27.0 | 27.3 | 27.5 | 27.7 | 27.5 | 27.3 | 27.0 | 26.8 | 26.7 |
| 100° | 26.7 | 26.8 | 27.0 | 27.3 | 27.5 | 27.7 | 27.5 | 27.3 | 27.0 | 26.8 | 26.7 |
| 102.5° | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 |
| 105° | 317.2 | 313.2 | 305.3 | 297.4 | 289.5 | 281.6 | 289.5 | 297.4 | 305.3 | 313.2 | 317.2 |
| 107.5° | 376.5 | 376.9 | 377.8 | 378.7 | 379.6 | 380.5 | 379.6 | 378.7 | 377.8 | 376.9 | 376.5 |
| 110° | 437.8 | 438.1 | 438.8 | 439.4 | 440.1 | 440.7 | 440.1 | 439.4 | 438.8 | 438.1 | 437.8 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 247.5° | 250° | 255° | 260° | 265° | 270° | 275° | 280° | 285° | 290° | 292.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 497.1 | 497.5 | 498.4 | 499.3 | 500.1 | 501.0 | 500.1 | 499.3 | 498.4 | 497.5 | 497.1 |
| 115° | 559.3 | 559.3 | 559.3 | 559.3 | 559.3 | 559.3 | 559.3 | 559.3 | 559.3 | 559.3 | 559.3 |
| 117.5° | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 |
| 120° | 677.9 | 677.7 | 677.2 | 676.8 | 676.3 | 675.9 | 676.3 | 676.8 | 677.2 | 677.7 | 677.9 |
| 122.5° | 733.2 | 733.0 | 732.6 | 732.1 | 731.7 | 731.3 | 731.7 | 732.1 | 732.6 | 733.0 | 733.2 |
| 125° | 785.6 | 785.7 | 785.9 | 786.2 | 786.4 | 786.6 | 786.4 | 786.2 | 785.9 | 785.7 | 785.6 |
| 127.5° | 836.0 | 835.9 | 835.7 | 835.4 | 835.2 | 835.0 | 835.2 | 835.4 | 835.7 | 835.9 | 836.0 |
| 130° | 884.4 | 884.4 | 884.4 | 884.4 | 884.4 | 884.4 | 884.4 | 884.4 | 884.4 | 884.4 | 884.4 |
| 132.5° | 930.9 | 930.8 | 930.6 | 930.3 | 930.1 | 929.9 | 930.1 | 930.3 | 930.6 | 930.8 | 930.9 |
| 135° | 973.4 | 973.6 | 974.0 | 974.5 | 974.9 | 975.3 | 974.9 | 974.5 | 974.0 | 973.6 | 973.4 |
| 137.5° | 1014.9 | 1014.8 | 1014.6 | 1014.3 | 1014.1 | 1013.9 | 1014.1 | 1014.3 | 1014.6 | 1014.8 | 1014.9 |
| 140° | 1053.4 | 1053.5 | 1053.7 | 1054.0 | 1054.2 | 1054.4 | 1054.2 | 1054.0 | 1053.7 | 1053.5 | 1053.4 |
| 142.5° | 1088.0 | 1088.0 | 1088.0 | 1088.0 | 1088.0 | 1088.0 | 1088.0 | 1088.0 | 1088.0 | 1088.0 | 1088.0 |
| 145° | 1120.6 | 1120.8 | 1121.3 | 1121.7 | 1122.2 | 1122.6 | 1122.2 | 1121.7 | 1121.3 | 1120.8 | 1120.6 |
| 147.5° | 1150.2 | 1150.3 | 1150.5 | 1150.8 | 1151.0 | 1151.2 | 1151.0 | 1150.8 | 1150.5 | 1150.3 | 1150.2 |
| 150° | 1177.9 | 1178.0 | 1178.2 | 1178.5 | 1178.7 | 1178.9 | 1178.7 | 1178.5 | 1178.2 | 1178.0 | 1177.9 |
| 152.5° | 1203.6 | 1203.5 | 1203.3 | 1203.0 | 1202.8 | 1202.6 | 1202.8 | 1203.0 | 1203.3 | 1203.5 | 1203.6 |
| 155° | 1226.3 | 1226.0 | 1225.3 | 1224.7 | 1224.0 | 1223.4 | 1224.0 | 1224.7 | 1225.3 | 1226.0 | 1226.3 |
| 157.5° | 1246.1 | 1245.6 | 1244.5 | 1243.4 | 1242.3 | 1241.2 | 1242.3 | 1243.4 | 1244.5 | 1245.6 | 1246.1 |
| 160° | 1264.9 | 1264.2 | 1262.9 | 1261.6 | 1260.2 | 1258.9 | 1260.2 | 1261.6 | 1262.9 | 1264.2 | 1264.9 |
| 162.5° | 1279.7 | 1278.9 | 1277.4 | 1275.9 | 1274.3 | 1272.8 | 1274.3 | 1275.9 | 1277.4 | 1278.9 | 1279.7 |
| 165° | 1294.5 | 1293.5 | 1291.5 | 1289.6 | 1287.6 | 1285.6 | 1287.6 | 1289.6 | 1291.5 | 1293.5 | 1294.5 |
| 167.5° | 1305.4 | 1304.3 | 1302.1 | 1299.9 | 1297.7 | 1295.5 | 1297.7 | 1299.9 | 1302.1 | 1304.3 | 1305.4 |
| 170° | 1314.3 | 1313.2 | 1311.0 | 1308.8 | 1306.6 | 1304.4 | 1306.6 | 1308.8 | 1311.0 | 1313.2 | 1314.3 |
| 172.5° | 1320.2 | 1319.0 | 1316.6 | 1314.1 | 1311.7 | 1309.3 | 1311.7 | 1314.1 | 1316.6 | 1319.0 | 1320.2 |
| 175° | 1325.2 | 1323.9 | 1321.2 | 1318.6 | 1315.9 | 1313.3 | 1315.9 | 1318.6 | 1321.2 | 1323.9 | 1325.2 |
| 177.5° | 1327.1 | 1325.8 | 1323.2 | 1320.5 | 1317.9 | 1315.3 | 1317.9 | 1320.5 | 1323.2 | 1325.8 | 1327.1 |
| 180° | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 295° | 300° | 305° | 310° | 315° | 320° | 325° | 330° | 335° | 337.5° | 340° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 | 961.7 |
| 2.5° | 910.5 | 914.4 | 912.9 | 907.4 | 909.8 | 914.4 | 919.1 | 925.3 | 929.1 | 932.2 | 933.8 |
| 5° | 857.1 | 864.0 | 862.5 | 862.5 | 865.6 | 873.3 | 881.1 | 894.3 | 898.9 | 904.3 | 912.1 |
| 7.5° | 809.8 | 815.2 | 819.9 | 821.4 | 826.1 | 836.1 | 846.2 | 860.9 | 872.6 | 878.8 | 883.4 |
| 10° | 767.9 | 771.8 | 778.8 | 782.7 | 787.3 | 799.7 | 814.4 | 829.9 | 841.6 | 852.4 | 858.6 |
| 12.5° | 714.5 | 730.0 | 739.3 | 745.5 | 751.7 | 770.3 | 781.9 | 798.9 | 812.9 | 823.0 | 832.3 |
| 15° | 654.8 | 673.4 | 678.8 | 702.9 | 718.3 | 733.1 | 750.9 | 771.0 | 784.2 | 795.8 | 808.2 |
| 17.5° | 604.4 | 617.6 | 623.8 | 649.4 | 662.6 | 685.8 | 711.4 | 736.9 | 757.1 | 765.6 | 778.0 |
| 20° | 572.7 | 579.6 | 592.0 | 600.6 | 614.5 | 641.6 | 669.5 | 700.5 | 730.7 | 739.3 | 751.7 |
| 22.5° | *540.1* | *549.4* | *557.9* | *569.6* | *580.4* | *599.0* | *626.9* | *661.0* | *693.6* | *709.1* | *723.8* |
| 25° | 510.7 | 520.0 | 525.4 | 537.8 | 547.9 | 566.5 | 585.8 | 620.7 | 659.5 | 672.6 | 695.9 |
| 27.5° | 487.4 | 492.8 | 502.1 | 507.6 | 519.2 | 536.2 | 554.1 | 580.4 | 618.4 | 640.9 | 663.3 |
| 30° | 464.2 | 468.1 | 475.8 | 483.5 | 492.1 | 503.7 | 523.8 | 549.4 | 584.3 | 603.7 | 626.1 |
| 32.5° | 440.9 | 447.1 | 451.8 | 457.2 | 466.5 | 480.4 | 494.4 | 519.2 | 547.1 | 568.8 | 591.3 |
| 35° | 421.6 | 423.9 | 430.1 | 436.3 | 442.5 | 454.9 | 469.6 | 493.6 | 518.4 | 535.5 | 555.6 |
| 37.5° | 400.6 | 404.5 | 409.2 | 411.5 | 421.6 | 429.3 | 444.8 | 463.4 | 492.8 | 503.7 | 523.8 |
| 40° | 384.4 | 383.6 | 388.2 | 392.1 | 396.8 | 409.2 | 418.5 | 438.6 | 461.9 | 478.9 | 491.3 |
| 42.5° | 364.2 | 364.2 | 365.8 | 370.4 | 376.6 | 384.4 | 395.2 | 412.3 | 436.3 | 448.7 | 463.4 |
| 45° | 347.9 | 345.6 | 346.4 | 349.5 | 353.4 | 361.1 | 372.0 | 386.7 | 410.7 | 420.8 | 436.3 |
| 47.5° | 328.6 | 326.2 | 326.2 | 329.3 | 332.4 | 337.9 | 346.4 | 363.4 | 382.8 | 396.0 | 407.6 |
| 50° | 306.9 | 307.6 | 306.9 | 309.2 | 310.7 | 316.2 | 325.5 | 339.4 | 357.2 | 368.1 | 381.3 |
| 52.5° | 286.7 | 285.2 | 284.4 | 285.9 | 289.0 | 292.9 | 303.0 | 315.4 | 332.4 | 343.3 | 354.9 |
| 55° | 261.9 | 263.5 | 263.5 | 263.5 | 268.1 | 269.7 | 277.4 | 289.8 | 306.9 | 315.4 | 326.2 |
| 57.5° | 239.4 | 238.7 | 240.2 | 239.4 | 243.3 | 248.7 | 254.9 | 264.2 | 281.3 | 289.8 | 299.9 |
| 60° | 214.7 | 215.4 | 216.2 | 216.2 | 219.3 | 224.7 | 231.7 | 240.2 | 254.2 | 262.7 | 272.0 |
| 62.5° | 184.4 | 188.3 | 192.2 | 193.7 | 198.4 | 202.3 | 206.9 | 216.2 | 228.6 | 234.8 | 243.3 |
| 65° | 155.8 | 161.2 | 166.6 | 170.5 | 173.6 | 177.5 | 183.7 | 192.2 | 202.3 | 208.5 | 217.0 |
| 67.5° | 131.0 | 134.8 | 141.8 | 145.7 | 151.9 | 156.5 | 160.4 | 167.4 | 179.8 | 182.1 | 189.1 |
| 70° | 113.1 | 114.7 | 117.8 | 120.9 | 127.9 | 131.7 | 136.4 | 143.4 | 152.7 | 158.1 | 162.0 |
| 72.5° | 95.3 | 96.1 | 97.6 | 100.7 | 103.8 | 108.5 | 113.9 | 120.1 | 128.6 | 131.0 | 136.4 |
| 75° | 75.9 | 80.6 | 80.6 | 82.9 | 85.2 | 87.6 | 92.2 | 98.4 | 103.8 | 107.7 | 110.8 |
| 77.5° | 56.6 | 58.9 | 60.4 | 64.3 | 67.4 | 69.7 | 72.8 | 77.5 | 80.6 | 83.7 | 86.0 |
| 80° | 44.2 | 44.9 | 45.7 | 45.7 | 47.3 | 50.4 | 53.5 | 56.6 | 60.4 | 62.0 | 64.3 |
| 82.5° | 32.5 | 32.5 | 32.5 | 34.1 | 34.9 | 35.6 | 35.6 | 37.2 | 41.1 | 42.6 | 44.9 |
| 85° | 20.9 | 20.9 | 20.9 | 20.9 | 21.7 | 22.5 | 23.2 | 24.0 | 24.0 | 24.0 | 25.6 |
| 87.5° | 8.5 | 10.1 | 9.3 | 10.1 | 10.1 | 10.1 | 10.1 | 10.8 | 10.8 | 11.6 | 11.6 |
| 90° | 27.0 | 25.7 | 24.4 | 23.0 | 21.7 | 19.9 | 18.2 | 16.4 | 14.7 | 13.8 | 12.6 |
| 92.5° | 26.0 | 24.7 | 23.4 | 22.1 | 20.8 | 19.0 | 17.2 | 15.5 | 13.7 | 12.8 | 13.0 |
| 95° | 27.0 | 25.7 | 24.4 | 23.0 | 21.7 | 21.5 | 21.3 | 21.1 | 20.9 | 20.8 | 24.5 |
| 97.5° | 26.1 | 25.0 | 23.9 | 22.8 | 21.7 | 44.8 | 67.8 | 90.9 | 114.0 | 125.5 | 123.1 |
| 100° | 28.6 | 32.3 | 36.0 | 39.8 | 43.5 | 73.8 | 104.1 | 134.4 | 164.7 | 179.8 | 177.8 |
| 102.5° | 53.4 | 102.8 | 152.2 | 201.6 | 251.0 | 248.4 | 245.7 | 243.1 | 240.4 | 239.1 | 237.8 |
| 105° | 316.2 | 314.2 | 312.3 | 310.3 | 308.3 | 307.2 | 306.1 | 305.0 | 303.9 | 303.4 | 302.7 |
| 107.5° | 376.0 | 374.9 | 373.8 | 372.7 | 371.6 | 370.0 | 368.5 | 366.9 | 365.4 | 364.6 | 364.3 |
| 110° | 437.6 | 437.1 | 436.7 | 436.2 | 435.8 | 434.5 | 433.2 | 431.9 | 430.6 | 429.9 | 429.6 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 295° | 300° | 305° | 310° | 315° | 320° | 325° | 330° | 335° | 337.5° | 340° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 497.2 | 497.4 | 497.6 | 497.8 | 498.0 | 497.6 | 497.2 | 496.7 | 496.3 | 496.1 | 495.4 |
| 115° | 559.1 | 558.6 | 558.2 | 557.7 | 557.3 | 557.5 | 557.7 | 558.0 | 558.2 | 558.3 | 558.0 |
| 117.5° | 619.7 | 619.9 | 620.2 | 620.4 | 620.6 | 619.9 | 619.3 | 618.6 | 617.9 | 617.6 | 617.2 |
| 120° | 677.7 | 677.2 | 676.8 | 676.3 | 675.9 | 676.1 | 676.3 | 676.6 | 676.8 | 676.9 | 676.5 |
| 122.5° | 733.1 | 732.9 | 732.6 | 732.4 | 732.2 | 731.8 | 731.4 | 730.9 | 730.5 | 730.3 | 730.1 |
| 125° | 785.3 | 784.6 | 783.9 | 783.3 | 782.6 | 783.0 | 783.5 | 783.9 | 784.4 | 784.6 | 784.2 |
| 127.5° | 836.1 | 836.3 | 836.6 | 836.8 | 837.0 | 835.9 | 834.8 | 833.7 | 832.6 | 832.1 | 832.0 |
| 130° | 884.3 | 884.1 | 883.8 | 883.6 | 883.4 | 882.8 | 882.1 | 881.5 | 880.8 | 880.5 | 880.4 |
| 132.5° | 930.8 | 930.6 | 930.3 | 930.1 | 929.9 | 929.0 | 928.1 | 927.2 | 926.3 | 925.9 | 925.7 |
| 135° | 973.2 | 972.7 | 972.3 | 971.8 | 971.4 | 970.5 | 969.6 | 968.7 | 967.8 | 967.4 | 967.5 |
| 137.5° | 1014.7 | 1014.2 | 1013.8 | 1013.3 | 1012.9 | 1011.8 | 1010.7 | 1009.6 | 1008.5 | 1007.9 | 1007.9 |
| 140° | 1053.1 | 1052.4 | 1051.7 | 1051.1 | 1050.4 | 1050.0 | 1049.6 | 1049.1 | 1048.7 | 1048.5 | 1048.3 |
| 142.5° | 1087.8 | 1087.3 | 1086.9 | 1086.4 | 1086.0 | 1085.8 | 1085.6 | 1085.3 | 1085.1 | 1085.0 | 1084.6 |
| 145° | 1120.5 | 1120.3 | 1120.0 | 1119.8 | 1119.6 | 1119.6 | 1119.6 | 1119.6 | 1119.6 | 1119.6 | 1119.3 |
| 147.5° | 1150.1 | 1149.9 | 1149.7 | 1149.5 | 1149.3 | 1149.5 | 1149.7 | 1149.9 | 1150.1 | 1150.2 | 1149.5 |
| 150° | 1177.9 | 1177.9 | 1177.9 | 1177.9 | 1177.9 | 1178.1 | 1178.3 | 1178.6 | 1178.8 | 1178.9 | 1178.5 |
| 152.5° | 1203.4 | 1202.9 | 1202.5 | 1202.0 | 1201.6 | 1202.0 | 1202.5 | 1202.9 | 1203.4 | 1203.6 | 1203.3 |
| 155° | 1225.9 | 1225.0 | 1224.1 | 1223.3 | 1222.4 | 1223.1 | 1223.7 | 1224.4 | 1225.1 | 1225.4 | 1225.3 |
| 157.5° | 1245.6 | 1244.5 | 1243.4 | 1242.3 | 1241.2 | 1242.1 | 1242.9 | 1243.8 | 1244.7 | 1245.1 | 1245.1 |
| 160° | 1264.2 | 1262.9 | 1261.6 | 1260.2 | 1258.9 | 1259.1 | 1259.3 | 1259.6 | 1259.8 | 1259.9 | 1260.2 |
| 162.5° | 1279.0 | 1277.7 | 1276.4 | 1275.1 | 1273.8 | 1274.0 | 1274.2 | 1274.5 | 1274.7 | 1274.8 | 1275.2 |
| 165° | 1293.6 | 1291.9 | 1290.1 | 1288.4 | 1286.6 | 1286.6 | 1286.6 | 1286.6 | 1286.6 | 1286.6 | 1287.2 |
| 167.5° | 1304.4 | 1302.4 | 1300.5 | 1298.5 | 1296.5 | 1296.7 | 1296.9 | 1297.2 | 1297.4 | 1297.5 | 1298.0 |
| 170° | 1313.4 | 1311.7 | 1309.9 | 1308.2 | 1306.4 | 1306.2 | 1306.0 | 1305.7 | 1305.5 | 1305.4 | 1306.1 |
| 172.5° | 1319.3 | 1317.6 | 1315.8 | 1314.1 | 1312.3 | 1312.1 | 1311.9 | 1311.6 | 1311.4 | 1311.3 | 1312.0 |
| 175° | 1324.2 | 1322.2 | 1320.3 | 1318.3 | 1316.3 | 1316.1 | 1315.9 | 1315.6 | 1315.4 | 1315.3 | 1316.0 |
| 177.5° | 1326.2 | 1324.5 | 1322.7 | 1321.0 | 1319.2 | 1318.8 | 1318.4 | 1317.9 | 1317.5 | 1317.3 | 1318.1 |
| 180° | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 | 1321.2 |

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**CANDELA DISTRIBUTION (continued):**

| | 345° | 350° | 355° | 360° |
|---|---|---|---|---|
| 0° | 961.7 | 961.7 | 961.7 | 961.7 |
| 2.5° | 940.0 | 944.6 | 952.4 | 963.2 |
| 5° | 918.3 | 931.5 | 943.9 | 960.1 |
| 7.5° | 898.9 | 914.4 | 931.5 | 954.7 |
| 10° | 876.4 | 895.8 | 917.5 | 946.2 |
| 12.5° | 850.1 | 877.2 | 902.0 | 933.0 |
| 15° | 830.7 | 850.9 | 882.6 | 919.1 |
| 17.5° | 803.6 | 830.7 | 862.5 | 903.6 |
| 20° | 778.0 | 806.7 | 842.3 | 885.0 |
| 22.5° | *750.9* | *783.4* | *819.1* | *864.8* |
| 25° | 723.0 | 757.9 | 793.5 | 842.3 |
| 27.5° | 697.4 | 729.2 | 769.5 | 819.1 |
| 30° | 666.4 | 702.9 | 741.6 | 793.5 |
| 32.5° | 636.2 | 674.2 | 713.7 | 765.6 |
| 35° | 603.7 | 641.6 | 685.0 | 734.6 |
| 37.5° | 571.9 | 613.7 | 653.3 | 701.3 |
| 40° | 537.0 | 580.4 | 621.5 | 670.3 |
| 42.5° | 502.9 | 547.9 | 588.9 | 630.8 |
| 45° | 471.2 | 515.3 | 552.5 | 592.0 |
| 47.5° | 440.9 | 480.4 | 518.4 | 554.1 |
| 50° | 411.5 | 444.8 | 479.7 | 509.1 |
| 52.5° | 380.5 | 412.3 | 440.2 | 466.5 |
| 55° | 352.6 | 377.4 | 402.2 | 426.2 |
| 57.5° | 319.3 | 344.1 | 365.8 | 384.4 |
| 60° | 291.4 | 306.9 | 327.8 | 347.2 |
| 62.5° | 259.6 | 277.4 | 293.7 | 306.1 |
| 65° | 228.6 | 244.1 | 256.5 | 267.3 |
| 67.5° | 202.3 | 211.6 | 220.9 | 232.5 |
| 70° | 170.5 | 178.2 | 189.1 | 197.6 |
| 72.5° | 143.4 | 149.6 | 155.0 | 165.1 |
| 75° | 116.2 | 121.7 | 124.8 | 134.1 |
| 77.5° | 89.9 | 95.3 | 97.6 | 103.1 |
| 80° | 69.0 | 69.7 | 72.8 | 77.5 |
| 82.5° | 47.3 | 48.8 | 49.6 | 53.5 |
| 85° | 27.1 | 31.0 | 30.2 | 31.8 |
| 87.5° | 11.6 | 12.4 | 13.9 | 15.5 |
| 90° | 10.2 | 7.8 | 5.4 | 3.0 |
| 92.5° | 13.5 | 13.9 | 14.4 | 14.8 |
| 95° | 32.0 | 39.5 | 46.9 | 54.4 |
| 97.5° | 118.3 | 113.4 | 108.6 | 103.8 |
| 100° | 173.9 | 170.0 | 166.0 | 162.1 |
| 102.5° | 235.2 | 232.5 | 229.9 | 227.3 |
| 105° | 301.4 | 300.1 | 298.7 | 297.4 |
| 107.5° | 363.6 | 363.0 | 362.3 | 361.7 |
| 110° | 428.9 | 428.2 | 427.6 | 426.9 |

TEST NUMBER: P1026385
CATALOG NUMBER: S124RDIP-B575D1035UB30-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

| | 345° | 350° | 355° | 360° |
|---|---|---|---|---|
| 112.5° | 494.1 | 492.8 | 491.4 | 490.1 |
| 115° | 557.3 | 556.7 | 556.0 | 555.4 |
| 117.5° | 616.3 | 615.4 | 614.6 | 613.7 |
| 120° | 675.6 | 674.7 | 673.9 | 673.0 |
| 122.5° | 729.6 | 729.2 | 728.7 | 728.3 |
| 125° | 783.3 | 782.4 | 781.6 | 780.7 |
| 127.5° | 831.8 | 831.5 | 831.3 | 831.1 |
| 130° | 880.2 | 879.9 | 879.7 | 879.5 |
| 132.5° | 925.3 | 924.8 | 924.4 | 924.0 |
| 135° | 967.7 | 968.0 | 968.2 | 968.4 |
| 137.5° | 1007.9 | 1007.9 | 1007.9 | 1007.9 |
| 140° | 1047.8 | 1047.4 | 1046.9 | 1046.5 |
| 142.5° | 1083.7 | 1082.8 | 1082.0 | 1081.1 |
| 145° | 1118.6 | 1117.9 | 1117.3 | 1116.6 |
| 147.5° | 1148.2 | 1146.9 | 1145.6 | 1144.3 |
| 150° | 1177.6 | 1176.7 | 1175.9 | 1175.0 |
| 152.5° | 1202.6 | 1201.9 | 1201.3 | 1200.6 |
| 155° | 1225.1 | 1224.8 | 1224.6 | 1224.4 |
| 157.5° | 1245.1 | 1245.1 | 1245.1 | 1245.1 |
| 160° | 1260.9 | 1261.6 | 1262.2 | 1262.9 |
| 162.5° | 1276.1 | 1277.0 | 1277.8 | 1278.7 |
| 165° | 1288.3 | 1289.4 | 1290.5 | 1291.6 |
| 167.5° | 1299.1 | 1300.2 | 1301.3 | 1302.4 |
| 170° | 1307.4 | 1308.7 | 1310.0 | 1311.3 |
| 172.5° | 1313.3 | 1314.6 | 1316.0 | 1317.3 |
| 175° | 1317.3 | 1318.6 | 1319.9 | 1321.2 |
| 177.5° | 1319.6 | 1321.1 | 1322.7 | 1324.2 |
| 180° | 1321.2 | 1321.2 | 1321.2 | 1321.2 |

(END OF REPORT)