

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P333100-930

Luminaire Tested: **S124RDIW-S1195D770U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333100-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIW-S1195D770U930-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6257.0 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

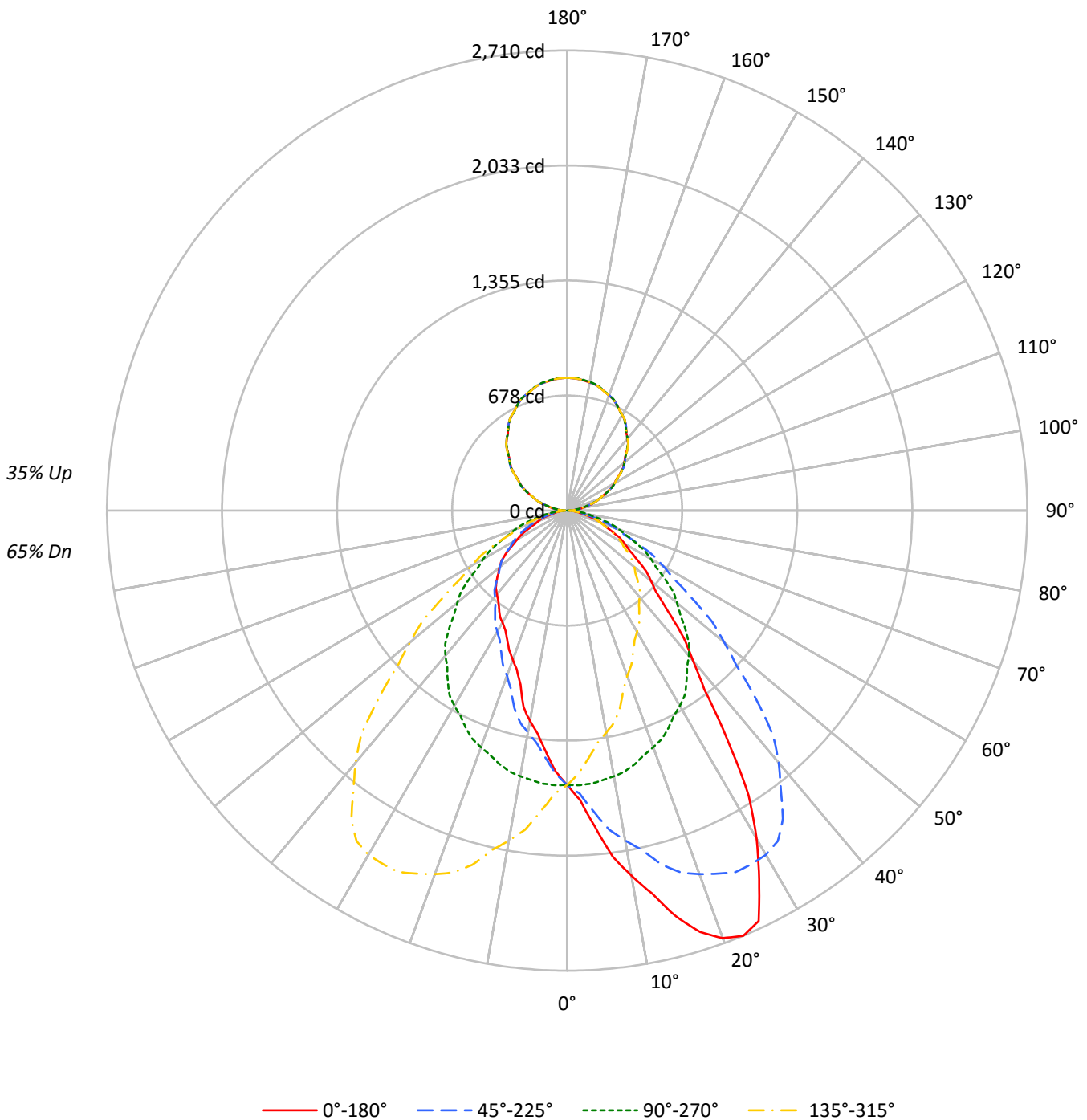
Input Watts (W): 59.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 92 | 92 | 92 | 81 | 81 | 81 | 70 | 70 | 70 | 65 |
| 1 | 102 | 98 | 94 | 91 | 96 | 92 | 89 | 86 | 82 | 79 | 77 | 72 | 70 | 68 | 63 | 62 | 61 | 56 |
| 2 | 93 | 86 | 80 | 75 | 87 | 81 | 76 | 71 | 72 | 68 | 65 | 64 | 61 | 58 | 56 | 54 | 52 | 48 |
| 3 | 85 | 76 | 69 | 63 | 80 | 72 | 66 | 60 | 64 | 59 | 55 | 57 | 53 | 50 | 50 | 47 | 45 | 41 |
| 4 | 78 | 68 | 60 | 54 | 74 | 64 | 57 | 52 | 57 | 52 | 47 | 51 | 47 | 43 | 45 | 42 | 39 | 36 |
| 5 | 72 | 61 | 53 | 47 | 68 | 58 | 50 | 45 | 52 | 46 | 41 | 46 | 41 | 38 | 41 | 37 | 34 | 32 |
| 6 | 67 | 55 | 47 | 41 | 63 | 52 | 45 | 39 | 47 | 41 | 36 | 42 | 37 | 33 | 37 | 34 | 30 | 28 |
| 7 | 62 | 50 | 42 | 36 | 58 | 47 | 40 | 35 | 43 | 37 | 32 | 38 | 33 | 30 | 34 | 30 | 27 | 25 |
| 8 | 58 | 45 | 38 | 32 | 54 | 43 | 36 | 31 | 39 | 33 | 29 | 35 | 30 | 27 | 32 | 28 | 25 | 22 |
| 9 | 54 | 41 | 34 | 29 | 51 | 40 | 33 | 28 | 36 | 30 | 26 | 32 | 28 | 24 | 29 | 25 | 22 | 20 |
| 10 | 50 | 38 | 31 | 26 | 47 | 36 | 30 | 25 | 33 | 28 | 24 | 30 | 25 | 22 | 27 | 23 | 20 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13043 | 13043 | 13043 | 13043 |
| 5° | 15129 | 13083 | 11563 | 13083 |
| 10° | 17898 | 13025 | 10320 | 13025 |
| 15° | 20674 | 12904 | 8868 | 12904 |
| 20° | 23018 | 12740 | 8019 | 12740 |
| 25° | 23762 | 12577 | 7445 | 12577 |
| 30° | 20801 | 12379 | 7100 | 12379 |
| 35° | 16192 | 12086 | 6890 | 12086 |
| 40° | 12142 | 11751 | 6777 | 11751 |
| 45° | 9587 | 11215 | 6719 | 11215 |
| 50° | 8093 | 10595 | 6523 | 10595 |
| 55° | 7054 | 9913 | 6175 | 9913 |
| 60° | 6347 | 9206 | 5465 | 9206 |
| 65° | 5595 | 8443 | 4701 | 8443 |
| 70° | 5039 | 7652 | 4242 | 7652 |
| 75° | 4223 | 6781 | 3615 | 6781 |
| 80° | 3570 | 5779 | 3389 | 5779 |
| 85° | 3010 | 4520 | 3010 | 4520 |



TEST NUMBER: P333100-930

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 156.5 | 2.5 |
| 10°-20° | 472.2 | 7.5 |
| 20°-30° | 738.6 | 11.8 |
| 30°-40° | 821.0 | 13.1 |
| 40°-50° | 728.5 | 11.6 |
| 50°-60° | 567.6 | 9.1 |
| 60°-70° | 371.6 | 5.9 |
| 70°-80° | 182.8 | 2.9 |
| 80°-90° | 47.4 | 0.8 |
| 90°-100° | 51.6 | 0.8 |
| 100°-110° | 152.9 | 2.4 |
| 110°-120° | 259.5 | 4.1 |
| 120°-130° | 342.1 | 5.5 |
| 130°-140° | 384.2 | 6.1 |
| 140°-150° | 377.6 | 6.0 |
| 150°-160° | 317.6 | 5.1 |
| 160°-170° | 211.3 | 3.4 |
| 170°-180° | 74.0 | 1.2 |
| 0°-30° | 1367.3 | 21.9 |
| 0°-40° | 2188.4 | 35.0 |
| 0°-60° | 3484.5 | 55.7 |
| 0°-90° | 4086.3 | 65.3 |
| 90°-120° | 463.9 | 7.4 |
| 90°-150° | 1567.9 | 25.1 |
| 90°-180° | 2171.0 | 34.7 |
| 0°-180° | 6257.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1616 | 1616 | 1616 | 1616 | 1616 | |
| 5° | 1867 | 1614 | 1427 | 1614 | 1867 | 189 |
| 15° | 2474 | 1544 | 1061 | 1544 | 2474 | 703 |
| 25° | 2668 | 1412 | 836 | 1412 | 2668 | 1183 |
| 35° | 1643 | 1226 | 699 | 1226 | 1643 | 1030 |
| 45° | 840 | 982 | 588 | 982 | 840 | 665 |
| 55° | 501 | 704 | 439 | 704 | 501 | 456 |
| 65° | 293 | 442 | 246 | 442 | 293 | 295 |
| 75° | 135 | 217 | 116 | 217 | 135 | 149 |
| 85° | 32 | 49 | 32 | 49 | 32 | 37 |
| 90° | 18 | 2 | 18 | 2 | 18 | 11 |
| 95° | 48 | 36 | 48 | 36 | 48 | 50 |
| 105° | 148 | 141 | 148 | 141 | 148 | 156 |
| 115° | 261 | 264 | 261 | 264 | 261 | 258 |
| 125° | 381 | 384 | 381 | 384 | 381 | 340 |
| 135° | 496 | 496 | 496 | 496 | 496 | 383 |
| 145° | 603 | 602 | 603 | 602 | 603 | 377 |
| 155° | 689 | 690 | 689 | 690 | 689 | 317 |
| 165° | 749 | 751 | 749 | 751 | 749 | 211 |
| 175° | 778 | 781 | 778 | 781 | 778 | 74 |
| 180° | 782 | 782 | 782 | 782 | 782 | |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1704.1 | 1708.9 | 1704.1 | 1703.6 | 1698.4 | 1696.9 | 1694.8 | 1688.0 | 1675.5 | 1668.3 | 1669.8 |
| 5° | 1866.9 | 1883.2 | 1874.0 | 1872.7 | 1858.5 | 1844.1 | 1835.0 | 1814.2 | 1792.0 | 1777.1 | 1764.7 |
| 7.5° | 2055.1 | 2064.5 | 2058.8 | 2049.7 | 2026.5 | 2013.4 | 1992.3 | 1964.8 | 1925.1 | 1894.8 | 1867.0 |
| 10° | 2183.3 | 2191.0 | 2188.5 | 2171.5 | 2154.6 | 2120.1 | 2100.6 | 2062.2 | 2012.1 | 1972.4 | 1935.3 |
| 12.5° | 2309.3 | 2317.7 | 2294.7 | 2295.5 | 2263.4 | 2236.3 | 2205.3 | 2157.0 | 2099.1 | 2047.9 | 2001.4 |
| 15° | 2473.6 | 2463.2 | 2463.2 | 2450.1 | 2414.3 | 2376.6 | 2344.7 | 2293.9 | 2221.0 | 2159.8 | 2095.4 |
| 17.5° | 2602.2 | 2605.9 | 2600.5 | 2569.8 | 2541.7 | 2502.6 | 2444.2 | 2384.9 | 2317.2 | 2235.1 | 2169.2 |
| 20° | 2679.3 | 2679.3 | 2673.4 | 2652.6 | 2616.1 | 2574.5 | 2511.4 | 2446.9 | 2360.9 | 2278.3 | 2204.1 |
| 22.5° | 2710.5 | 2712.6 | 2705.7 | 2688.5 | 2655.8 | 2615.1 | 2561.3 | 2495.9 | 2407.3 | 2314.2 | 2222.3 |
| 25° | 2667.6 | 2680.0 | 2681.2 | 2676.7 | 2666.9 | 2642.1 | 2596.0 | 2528.9 | 2449.5 | 2348.6 | 2249.7 |
| 27.5° | 2449.1 | 2464.7 | 2478.4 | 2500.9 | 2530.9 | 2546.5 | 2548.5 | 2514.5 | 2445.2 | 2348.1 | 2248.5 |
| 30° | 2231.4 | 2244.4 | 2286.8 | 2342.1 | 2385.1 | 2424.1 | 2458.0 | 2467.1 | 2428.0 | 2340.8 | 2236.0 |
| 32.5° | 1989.8 | 2007.5 | 2049.8 | 2109.3 | 2180.9 | 2247.0 | 2323.1 | 2361.8 | 2360.9 | 2308.5 | 2211.5 |
| 35° | 1643.0 | 1656.0 | 1695.1 | 1757.5 | 1843.5 | 1941.8 | 2062.2 | 2155.9 | 2219.7 | 2215.2 | 2155.9 |
| 37.5° | 1325.0 | 1339.8 | 1379.2 | 1431.0 | 1514.3 | 1636.1 | 1752.6 | 1881.7 | 1999.7 | 2066.0 | 2046.2 |
| 40° | 1152.2 | 1152.8 | 1191.2 | 1244.6 | 1322.7 | 1428.8 | 1555.8 | 1698.9 | 1830.4 | 1937.9 | 1958.7 |
| 42.5° | 1015.7 | 1015.9 | 1041.2 | 1098.8 | 1155.0 | 1254.9 | 1376.1 | 1518.3 | 1672.2 | 1796.2 | 1851.4 |
| 45° | 839.7 | 845.5 | 866.4 | 900.9 | 945.2 | 1029.8 | 1126.7 | 1258.9 | 1431.4 | 1578.5 | 1670.3 |
| 47.5° | 711.1 | 719.7 | 733.0 | 761.1 | 796.4 | 852.7 | 932.9 | 1051.7 | 1192.0 | 1353.8 | 1484.4 |
| 50° | 644.4 | 645.7 | 662.7 | 678.2 | 708.9 | 753.8 | 824.1 | 923.0 | 1051.9 | 1207.5 | 1352.7 |
| 52.5° | 587.2 | 586.9 | 597.0 | 616.9 | 641.7 | 676.7 | 733.4 | 823.5 | 937.8 | 1077.3 | 1227.2 |
| 55° | 501.2 | 504.5 | 512.3 | 527.9 | 546.8 | 571.5 | 616.4 | 684.1 | 774.0 | 893.1 | 1029.2 |
| 57.5° | 435.9 | 437.6 | 443.7 | 450.3 | 467.7 | 485.6 | 519.3 | 566.3 | 642.1 | 739.6 | 866.4 |
| 60° | 393.1 | 393.8 | 395.7 | 405.5 | 419.2 | 436.1 | 458.9 | 498.6 | 562.4 | 651.6 | 751.9 |
| 62.5° | 351.5 | 352.7 | 355.7 | 362.8 | 373.4 | 385.1 | 409.0 | 440.8 | 493.7 | 569.8 | 660.1 |
| 65° | 292.9 | 293.6 | 298.2 | 300.8 | 309.2 | 319.6 | 337.2 | 358.7 | 395.1 | 458.9 | 527.3 |
| 67.5° | 244.8 | 244.8 | 245.0 | 248.5 | 254.4 | 261.3 | 271.8 | 289.0 | 316.5 | 355.7 | 416.0 |
| 70° | 213.5 | 213.5 | 214.8 | 216.8 | 220.0 | 225.8 | 231.7 | 244.8 | 265.0 | 296.9 | 343.1 |
| 72.5° | 184.3 | 184.8 | 186.1 | 186.5 | 188.3 | 193.1 | 197.4 | 205.7 | 220.7 | 244.8 | 282.1 |
| 75° | 135.4 | 137.4 | 140.6 | 143.2 | 146.4 | 145.8 | 150.3 | 155.6 | 160.1 | 174.5 | 195.9 |
| 77.5° | 100.8 | 99.7 | 100.1 | 102.3 | 102.7 | 103.4 | 106.6 | 110.6 | 114.1 | 120.8 | 128.5 |
| 80° | 76.8 | 76.8 | 78.8 | 79.4 | 78.8 | 79.4 | 82.7 | 84.6 | 85.9 | 88.5 | 95.7 |
| 82.5° | 58.0 | 59.1 | 58.5 | 59.1 | 59.5 | 60.2 | 62.9 | 63.3 | 64.6 | 65.6 | 68.6 |
| 85° | 32.5 | 33.2 | 33.8 | 32.5 | 32.5 | 32.5 | 33.8 | 34.5 | 35.8 | 35.1 | 36.4 |
| 87.5° | 15.1 | 14.5 | 15.0 | 14.9 | 15.4 | 14.8 | 15.2 | 16.0 | 14.8 | 15.2 | 14.9 |
| 90° | 18.2 | 17.9 | 17.6 | 17.4 | 17.0 | 16.6 | 15.7 | 14.9 | 14.1 | 13.3 | 12.2 |
| 92.5° | 26.9 | 26.7 | 26.6 | 26.4 | 26.3 | 25.9 | 25.4 | 24.9 | 24.5 | 24.0 | 23.2 |
| 95° | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.6 | 47.2 | 46.8 | 46.4 | 46.0 | 45.1 |
| 97.5° | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.7 | 74.2 | 73.7 | 73.2 | 72.7 | 71.7 |
| 100° | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.7 | 93.4 | 93.1 | 92.9 | 92.6 | 91.4 |
| 102.5° | 115.1 | 115.0 | 114.9 | 114.8 | 114.6 | 114.4 | 114.1 | 113.7 | 113.3 | 112.9 | 111.8 |
| 105° | 147.7 | 147.2 | 146.8 | 146.4 | 146.0 | 145.6 | 145.2 | 144.8 | 144.4 | 144.0 | 143.5 |
| 107.5° | 179.4 | 179.4 | 179.4 | 179.4 | 179.4 | 179.3 | 178.9 | 178.6 | 178.1 | 177.8 | 177.7 |
| 110° | 202.1 | 201.7 | 201.3 | 200.9 | 200.5 | 200.4 | 200.7 | 201.0 | 201.2 | 201.5 | 201.6 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.3 | 225.3 | 225.2 | 225.1 | 225.0 | 225.0 | 225.0 | 225.1 | 225.2 | 225.2 | 225.4 |
| 115° | 261.4 | 261.5 | 261.7 | 261.8 | 262.0 | 262.0 | 262.2 | 262.4 | 262.4 | 262.6 | 262.9 |
| 117.5° | 295.8 | 296.0 | 296.3 | 296.6 | 296.9 | 297.2 | 297.7 | 298.2 | 298.6 | 299.1 | 299.2 |
| 120° | 321.9 | 321.6 | 321.4 | 321.1 | 320.8 | 321.1 | 321.7 | 322.4 | 323.0 | 323.8 | 324.2 |
| 122.5° | 343.7 | 344.2 | 344.6 | 345.1 | 345.6 | 346.1 | 346.6 | 347.0 | 347.5 | 348.0 | 348.1 |
| 125° | 381.2 | 381.5 | 381.7 | 382.0 | 382.3 | 382.5 | 382.9 | 383.1 | 383.4 | 383.6 | 383.8 |
| 127.5° | 416.0 | 416.1 | 416.4 | 416.6 | 416.8 | 417.0 | 417.4 | 417.6 | 417.8 | 418.2 | 418.3 |
| 130° | 438.7 | 439.2 | 439.8 | 440.3 | 440.8 | 441.2 | 441.5 | 441.8 | 442.1 | 442.3 | 442.3 |
| 132.5° | 462.9 | 463.1 | 463.3 | 463.6 | 463.7 | 464.0 | 464.3 | 464.6 | 464.8 | 465.0 | 465.2 |
| 135° | 496.2 | 496.6 | 497.0 | 497.4 | 497.8 | 498.1 | 498.4 | 498.6 | 499.0 | 499.2 | 499.2 |
| 137.5° | 531.2 | 531.1 | 531.0 | 530.9 | 530.8 | 531.0 | 531.3 | 531.7 | 532.0 | 532.4 | 532.1 |
| 140° | 552.4 | 552.6 | 552.7 | 552.9 | 553.0 | 553.1 | 553.3 | 553.4 | 553.5 | 553.7 | 553.7 |
| 142.5° | 573.7 | 573.8 | 573.8 | 573.8 | 573.9 | 573.9 | 573.9 | 574.0 | 574.0 | 574.0 | 574.1 |
| 145° | 602.7 | 603.1 | 603.5 | 603.9 | 604.3 | 604.5 | 604.7 | 604.9 | 605.0 | 605.1 | 605.0 |
| 147.5° | 631.9 | 632.1 | 632.3 | 632.3 | 632.5 | 632.6 | 632.8 | 632.8 | 632.9 | 633.1 | 633.2 |
| 150° | 649.9 | 650.0 | 650.1 | 650.3 | 650.4 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 |
| 152.5° | 666.3 | 666.7 | 667.1 | 667.4 | 667.7 | 667.7 | 667.4 | 667.1 | 666.8 | 666.4 | 666.3 |
| 155° | 689.3 | 689.7 | 690.3 | 690.8 | 691.4 | 691.4 | 690.8 | 690.3 | 689.7 | 689.3 | 689.3 |
| 157.5° | 709.6 | 710.1 | 710.6 | 711.0 | 711.5 | 711.5 | 711.1 | 710.7 | 710.3 | 709.9 | 710.0 |
| 160° | 721.3 | 721.9 | 722.6 | 723.3 | 724.0 | 724.1 | 723.7 | 723.3 | 722.9 | 722.5 | 722.6 |
| 162.5° | 733.4 | 734.1 | 734.7 | 735.4 | 736.1 | 736.1 | 735.3 | 734.6 | 733.9 | 733.1 | 733.3 |
| 165° | 749.1 | 749.7 | 750.2 | 750.7 | 751.3 | 751.1 | 750.3 | 749.5 | 748.7 | 747.9 | 748.2 |
| 167.5° | 760.3 | 761.2 | 762.1 | 762.9 | 763.7 | 763.7 | 762.9 | 762.1 | 761.3 | 760.5 | 760.4 |
| 170° | 766.7 | 767.6 | 768.6 | 769.5 | 770.5 | 770.5 | 769.7 | 768.9 | 768.1 | 767.3 | 767.1 |
| 172.5° | 772.0 | 772.9 | 773.9 | 774.8 | 775.8 | 775.8 | 774.9 | 774.0 | 773.1 | 772.1 | 772.1 |
| 175° | 777.6 | 778.5 | 779.4 | 780.4 | 781.3 | 781.3 | 780.4 | 779.4 | 778.5 | 777.6 | 777.7 |
| 177.5° | 780.5 | 781.3 | 782.2 | 783.0 | 783.9 | 784.0 | 783.2 | 782.4 | 781.7 | 781.0 | 781.0 |
| 180° | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1664.6 | 1657.3 | 1653.7 | 1645.4 | 1635.4 | 1630.2 | 1625.5 | 1618.8 | 1609.9 | 1600.5 | 1593.7 |
| 5° | 1749.1 | 1733.5 | 1713.9 | 1690.5 | 1669.7 | 1649.5 | 1631.9 | 1614.4 | 1594.2 | 1573.4 | 1552.5 |
| 7.5° | 1835.8 | 1805.1 | 1771.9 | 1733.5 | 1696.1 | 1662.2 | 1630.8 | 1600.9 | 1567.1 | 1536.8 | 1509.1 |
| 10° | 1896.2 | 1854.6 | 1808.3 | 1759.5 | 1710.7 | 1668.3 | 1626.7 | 1588.9 | 1547.3 | 1510.2 | 1479.0 |
| 12.5° | 1945.1 | 1896.2 | 1840.6 | 1779.8 | 1721.1 | 1669.9 | 1622.0 | 1572.8 | 1525.4 | 1485.2 | 1443.6 |
| 15° | 2026.3 | 1959.3 | 1884.5 | 1811.6 | 1735.4 | 1665.7 | 1601.3 | 1544.0 | 1490.0 | 1433.4 | 1393.7 |
| 17.5° | 2082.3 | 2002.7 | 1911.7 | 1824.1 | 1734.1 | 1652.0 | 1577.6 | 1509.4 | 1447.1 | 1389.3 | 1342.0 |
| 20° | 2115.5 | 2027.6 | 1926.8 | 1827.2 | 1726.3 | 1638.4 | 1558.4 | 1482.9 | 1418.4 | 1355.9 | 1307.1 |
| 22.5° | 2134.3 | 2037.0 | 1926.8 | 1822.5 | 1718.0 | 1622.8 | 1534.9 | 1456.3 | 1386.1 | 1323.6 | 1269.6 |
| 25° | 2140.3 | 2036.1 | 1923.5 | 1803.8 | 1689.2 | 1588.3 | 1497.1 | 1411.9 | 1333.7 | 1271.3 | 1214.0 |
| 27.5° | 2132.0 | 2009.3 | 1894.0 | 1771.1 | 1652.9 | 1546.5 | 1450.8 | 1361.2 | 1283.0 | 1215.9 | 1157.2 |
| 30° | 2119.5 | 1987.9 | 1864.3 | 1736.8 | 1616.9 | 1514.7 | 1413.8 | 1328.0 | 1246.6 | 1176.9 | 1117.7 |
| 32.5° | 2092.4 | 1961.9 | 1828.9 | 1698.2 | 1576.9 | 1471.5 | 1375.8 | 1289.4 | 1209.6 | 1138.4 | 1075.5 |
| 35° | 2038.7 | 1906.6 | 1762.1 | 1628.0 | 1508.9 | 1399.5 | 1309.7 | 1226.4 | 1150.2 | 1074.1 | 1007.6 |
| 37.5° | 1968.1 | 1833.0 | 1689.3 | 1542.5 | 1423.2 | 1320.0 | 1237.5 | 1159.4 | 1085.0 | 1015.5 | 941.9 |
| 40° | 1901.4 | 1778.4 | 1629.9 | 1484.2 | 1361.8 | 1262.2 | 1186.0 | 1115.1 | 1040.2 | 971.2 | 897.6 |
| 42.5° | 1820.7 | 1715.9 | 1565.9 | 1419.6 | 1298.8 | 1202.8 | 1131.9 | 1062.5 | 994.4 | 927.5 | 850.8 |
| 45° | 1686.0 | 1606.5 | 1465.9 | 1325.4 | 1203.6 | 1108.6 | 1043.5 | 982.3 | 922.3 | 858.6 | 786.4 |
| 47.5° | 1531.5 | 1477.7 | 1356.4 | 1212.4 | 1099.8 | 1014.3 | 951.5 | 901.4 | 850.8 | 787.0 | 723.6 |
| 50° | 1424.2 | 1389.8 | 1272.6 | 1141.1 | 1033.7 | 955.0 | 890.5 | 843.6 | 801.3 | 740.1 | 683.5 |
| 52.5° | 1309.7 | 1291.4 | 1192.4 | 1066.7 | 962.9 | 885.7 | 830.6 | 788.4 | 745.6 | 694.8 | 641.8 |
| 55° | 1135.2 | 1145.0 | 1061.0 | 952.4 | 854.7 | 789.6 | 739.5 | 704.3 | 667.9 | 624.9 | 583.9 |
| 57.5° | 956.9 | 992.5 | 936.2 | 840.7 | 749.3 | 689.1 | 651.3 | 621.7 | 591.2 | 555.5 | 520.5 |
| 60° | 850.1 | 880.0 | 848.2 | 764.2 | 684.1 | 628.2 | 593.0 | 570.2 | 539.6 | 507.1 | 480.4 |
| 62.5° | 746.0 | 778.0 | 759.1 | 691.3 | 616.9 | 568.8 | 537.8 | 516.6 | 493.8 | 465.5 | 437.7 |
| 65° | 615.1 | 635.9 | 626.9 | 580.0 | 527.3 | 486.2 | 457.6 | 442.0 | 421.2 | 400.3 | 375.6 |
| 67.5° | 471.2 | 511.4 | 506.1 | 481.2 | 435.6 | 403.6 | 384.8 | 371.0 | 352.0 | 336.6 | 319.8 |
| 70° | 387.3 | 424.4 | 423.8 | 403.6 | 378.9 | 348.9 | 335.9 | 324.2 | 307.2 | 292.3 | 278.6 |
| 72.5° | 317.0 | 351.0 | 356.0 | 340.6 | 323.7 | 301.0 | 288.5 | 280.5 | 264.0 | 253.7 | 242.6 |
| 75° | 222.0 | 246.7 | 253.2 | 253.2 | 245.4 | 233.7 | 222.7 | 217.4 | 205.7 | 196.6 | 190.0 |
| 77.5° | 145.5 | 161.2 | 171.3 | 173.7 | 174.9 | 171.0 | 161.8 | 158.2 | 149.2 | 145.9 | 139.7 |
| 80° | 102.8 | 113.2 | 125.0 | 128.9 | 132.2 | 130.9 | 126.9 | 124.3 | 115.9 | 112.6 | 110.0 |
| 82.5° | 71.1 | 76.8 | 86.4 | 95.1 | 94.1 | 97.5 | 94.1 | 92.0 | 85.7 | 84.5 | 81.9 |
| 85° | 37.1 | 37.7 | 39.1 | 44.9 | 48.2 | 49.5 | 50.1 | 48.8 | 46.9 | 46.9 | 42.3 |
| 87.5° | 14.8 | 14.0 | 14.8 | 14.6 | 14.8 | 16.6 | 17.9 | 18.1 | 16.8 | 15.6 | 14.3 |
| 90° | 11.2 | 10.1 | 9.0 | 7.7 | 6.3 | 4.8 | 3.3 | 1.8 | 3.3 | 4.8 | 6.3 |
| 92.5° | 22.4 | 21.7 | 21.0 | 19.7 | 18.0 | 16.3 | 14.7 | 13.0 | 14.7 | 16.3 | 18.0 |
| 95° | 44.1 | 43.1 | 42.2 | 41.2 | 39.9 | 38.7 | 37.5 | 36.3 | 37.5 | 38.7 | 39.9 |
| 97.5° | 70.5 | 69.5 | 68.3 | 67.3 | 66.3 | 65.4 | 64.4 | 63.4 | 64.4 | 65.4 | 66.3 |
| 100° | 90.2 | 88.9 | 87.7 | 86.8 | 86.3 | 85.8 | 85.3 | 84.7 | 85.3 | 85.8 | 86.3 |
| 102.5° | 110.7 | 109.6 | 108.5 | 107.9 | 107.6 | 107.4 | 107.2 | 107.0 | 107.2 | 107.4 | 107.6 |
| 105° | 142.9 | 142.4 | 141.9 | 141.5 | 141.4 | 141.3 | 141.1 | 141.0 | 141.1 | 141.3 | 141.4 |
| 107.5° | 177.7 | 177.6 | 177.5 | 177.3 | 177.2 | 177.0 | 176.8 | 176.7 | 176.8 | 177.0 | 177.2 |
| 110° | 201.8 | 201.9 | 202.0 | 201.9 | 201.7 | 201.5 | 201.1 | 200.9 | 201.1 | 201.5 | 201.7 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.7 | 225.9 | 226.2 | 226.2 | 226.2 | 226.2 | 226.1 | 226.1 | 226.1 | 226.2 | 226.2 |
| 115° | 263.2 | 263.4 | 263.7 | 263.8 | 263.8 | 263.8 | 263.8 | 263.8 | 263.8 | 263.8 | 263.8 |
| 117.5° | 299.5 | 299.6 | 299.8 | 299.9 | 299.7 | 299.6 | 299.5 | 299.4 | 299.5 | 299.6 | 299.7 |
| 120° | 324.6 | 325.0 | 325.3 | 325.3 | 324.7 | 324.2 | 323.7 | 323.1 | 323.7 | 324.2 | 324.7 |
| 122.5° | 348.3 | 348.5 | 348.7 | 348.7 | 348.5 | 348.2 | 348.1 | 347.8 | 348.1 | 348.2 | 348.5 |
| 125° | 383.9 | 384.0 | 384.2 | 384.3 | 384.3 | 384.3 | 384.3 | 384.3 | 384.3 | 384.3 | 384.3 |
| 127.5° | 418.6 | 418.7 | 419.0 | 418.9 | 418.5 | 418.1 | 417.7 | 417.3 | 417.7 | 418.1 | 418.5 |
| 130° | 442.3 | 442.3 | 442.3 | 442.1 | 441.7 | 441.3 | 440.9 | 440.5 | 440.9 | 441.3 | 441.7 |
| 132.5° | 465.3 | 465.4 | 465.5 | 465.5 | 465.1 | 464.8 | 464.6 | 464.2 | 464.6 | 464.8 | 465.1 |
| 135° | 499.2 | 499.2 | 499.2 | 498.8 | 498.0 | 497.2 | 496.4 | 495.6 | 496.4 | 497.2 | 498.0 |
| 137.5° | 531.9 | 531.7 | 531.5 | 531.2 | 530.8 | 530.4 | 530.1 | 529.7 | 530.1 | 530.4 | 530.8 |
| 140° | 553.7 | 553.7 | 553.7 | 553.5 | 553.3 | 553.0 | 552.7 | 552.4 | 552.7 | 553.0 | 553.3 |
| 142.5° | 574.2 | 574.3 | 574.5 | 574.4 | 574.1 | 573.8 | 573.6 | 573.2 | 573.6 | 573.8 | 574.1 |
| 145° | 604.9 | 604.7 | 604.5 | 604.2 | 603.7 | 603.2 | 602.6 | 602.1 | 602.6 | 603.2 | 603.7 |
| 147.5° | 633.2 | 633.4 | 633.5 | 633.2 | 632.6 | 631.9 | 631.3 | 630.6 | 631.3 | 631.9 | 632.6 |
| 150° | 650.5 | 650.5 | 650.5 | 650.2 | 649.7 | 649.1 | 648.6 | 648.1 | 648.6 | 649.1 | 649.7 |
| 152.5° | 666.3 | 666.1 | 666.0 | 665.9 | 665.5 | 665.2 | 664.9 | 664.6 | 664.9 | 665.2 | 665.5 |
| 155° | 689.5 | 689.6 | 689.7 | 689.8 | 689.8 | 689.8 | 689.8 | 689.8 | 689.8 | 689.8 | 689.8 |
| 157.5° | 710.0 | 710.0 | 710.0 | 710.1 | 710.4 | 710.6 | 710.9 | 711.1 | 710.9 | 710.6 | 710.4 |
| 160° | 722.8 | 722.9 | 723.0 | 723.2 | 723.3 | 723.4 | 723.6 | 723.7 | 723.6 | 723.4 | 723.3 |
| 162.5° | 733.4 | 733.5 | 733.7 | 733.9 | 734.3 | 734.6 | 735.0 | 735.3 | 735.0 | 734.6 | 734.3 |
| 165° | 748.4 | 748.7 | 749.0 | 749.3 | 749.7 | 750.2 | 750.6 | 751.0 | 750.6 | 750.2 | 749.7 |
| 167.5° | 760.4 | 760.4 | 760.3 | 760.7 | 761.2 | 761.8 | 762.4 | 762.9 | 762.4 | 761.8 | 761.2 |
| 170° | 767.0 | 766.9 | 766.7 | 767.0 | 767.7 | 768.3 | 769.0 | 769.7 | 769.0 | 768.3 | 767.7 |
| 172.5° | 772.1 | 772.0 | 772.0 | 772.3 | 772.8 | 773.4 | 774.0 | 774.5 | 774.0 | 773.4 | 772.8 |
| 175° | 777.8 | 778.0 | 778.1 | 778.5 | 779.2 | 779.8 | 780.5 | 781.2 | 780.5 | 779.8 | 779.2 |
| 177.5° | 781.0 | 781.0 | 781.0 | 781.2 | 781.8 | 782.3 | 782.9 | 783.3 | 782.9 | 782.3 | 781.8 |
| 180° | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1586.5 | 1581.3 | 1574.5 | 1566.7 | 1557.3 | 1549.0 | 1545.3 | 1548.5 | 1550.0 | 1545.9 | 1545.3 |
| 5° | 1538.1 | 1521.9 | 1508.9 | 1489.4 | 1473.7 | 1460.7 | 1451.6 | 1447.7 | 1449.0 | 1438.6 | 1436.0 |
| 7.5° | 1483.9 | 1464.6 | 1443.2 | 1420.1 | 1398.5 | 1379.3 | 1369.3 | 1363.8 | 1352.8 | 1348.1 | 1340.2 |
| 10° | 1449.0 | 1422.9 | 1402.2 | 1374.8 | 1350.1 | 1327.3 | 1316.2 | 1307.1 | 1296.0 | 1290.8 | 1279.8 |
| 12.5° | 1413.1 | 1382.8 | 1359.9 | 1331.5 | 1306.3 | 1278.9 | 1268.3 | 1251.4 | 1234.0 | 1223.1 | 1208.9 |
| 15° | 1362.4 | 1326.0 | 1298.0 | 1264.1 | 1234.2 | 1203.0 | 1174.9 | 1143.7 | 1132.0 | 1107.3 | 1092.9 |
| 17.5° | 1303.2 | 1266.2 | 1231.6 | 1186.2 | 1140.0 | 1101.1 | 1071.3 | 1041.4 | 1023.4 | 1007.6 | 1000.4 |
| 20° | 1264.1 | 1230.3 | 1182.1 | 1129.4 | 1078.0 | 1035.0 | 1010.9 | 991.4 | 971.8 | 960.8 | 953.0 |
| 22.5° | 1227.2 | 1183.9 | 1128.0 | 1071.1 | 1019.6 | 986.0 | 965.6 | 945.6 | 929.7 | 919.2 | 908.7 |
| 25° | 1165.2 | 1108.6 | 1049.3 | 984.2 | 949.1 | 919.8 | 897.6 | 881.3 | 871.6 | 857.9 | 852.7 |
| 27.5° | 1101.6 | 1032.9 | 967.6 | 923.8 | 887.2 | 860.4 | 841.1 | 828.9 | 816.5 | 807.8 | 801.0 |
| 30° | 1052.6 | 982.9 | 924.3 | 882.6 | 845.5 | 823.5 | 807.8 | 793.5 | 783.7 | 776.6 | 771.4 |
| 32.5° | 1004.1 | 934.5 | 885.3 | 840.5 | 811.2 | 789.6 | 772.9 | 762.2 | 754.6 | 745.3 | 742.2 |
| 35° | 934.1 | 872.3 | 829.3 | 789.0 | 759.0 | 739.5 | 726.4 | 715.4 | 708.9 | 706.3 | 704.3 |
| 37.5° | 866.8 | 816.1 | 770.0 | 736.9 | 710.2 | 694.8 | 679.5 | 674.0 | 669.5 | 664.9 | 667.0 |
| 40° | 824.1 | 776.6 | 735.6 | 700.4 | 678.9 | 662.0 | 652.9 | 646.4 | 642.5 | 642.5 | 642.5 |
| 42.5° | 787.1 | 740.6 | 700.7 | 669.2 | 647.7 | 633.4 | 623.2 | 617.8 | 616.4 | 616.0 | 619.1 |
| 45° | 729.7 | 686.7 | 646.4 | 620.4 | 602.1 | 587.8 | 582.0 | 577.4 | 577.4 | 580.0 | 580.7 |
| 47.5° | 672.8 | 632.6 | 600.1 | 571.0 | 554.3 | 545.4 | 540.3 | 537.9 | 538.2 | 540.8 | 543.8 |
| 50° | 637.9 | 598.2 | 566.3 | 540.3 | 524.6 | 516.2 | 511.6 | 510.4 | 511.6 | 511.6 | 516.2 |
| 52.5° | 599.9 | 564.4 | 533.0 | 511.1 | 493.4 | 485.5 | 483.0 | 481.2 | 481.9 | 484.0 | 486.0 |
| 55° | 544.2 | 512.3 | 482.3 | 461.5 | 448.5 | 443.3 | 437.4 | 438.1 | 436.8 | 438.1 | 438.1 |
| 57.5° | 488.4 | 459.7 | 431.9 | 415.3 | 403.8 | 396.3 | 389.9 | 391.8 | 389.8 | 389.6 | 388.5 |
| 60° | 452.4 | 421.2 | 399.0 | 384.1 | 371.0 | 364.5 | 358.7 | 360.0 | 358.0 | 356.7 | 354.1 |
| 62.5° | 413.4 | 387.3 | 366.2 | 351.8 | 341.4 | 333.8 | 327.9 | 326.6 | 322.1 | 317.6 | 311.9 |
| 65° | 356.7 | 335.3 | 316.3 | 302.7 | 292.9 | 287.1 | 282.5 | 278.6 | 268.8 | 258.4 | 253.2 |
| 67.5° | 301.7 | 286.2 | 268.6 | 257.0 | 249.1 | 241.4 | 232.7 | 226.0 | 216.9 | 211.2 | 207.9 |
| 70° | 266.2 | 251.3 | 236.3 | 225.2 | 216.8 | 209.6 | 199.8 | 195.3 | 188.7 | 186.1 | 183.0 |
| 72.5° | 232.4 | 218.4 | 204.6 | 194.5 | 185.5 | 179.9 | 172.3 | 167.7 | 164.9 | 163.8 | 160.5 |
| 75° | 181.0 | 169.9 | 159.5 | 150.3 | 143.2 | 139.3 | 136.1 | 132.8 | 131.5 | 125.6 | 122.4 |
| 77.5° | 132.0 | 124.7 | 118.2 | 111.7 | 106.6 | 104.0 | 97.8 | 94.0 | 91.8 | 89.0 | 88.4 |
| 80° | 102.8 | 97.7 | 91.2 | 87.2 | 80.1 | 77.5 | 74.8 | 74.2 | 73.5 | 72.9 | 72.2 |
| 82.5° | 77.4 | 72.2 | 65.6 | 63.3 | 61.3 | 59.8 | 58.2 | 57.6 | 56.9 | 57.3 | 57.2 |
| 85° | 39.1 | 36.4 | 36.4 | 35.8 | 35.1 | 34.5 | 33.8 | 33.8 | 33.2 | 33.8 | 33.2 |
| 87.5° | 14.6 | 14.3 | 14.5 | 13.7 | 14.4 | 14.7 | 14.3 | 14.4 | 15.2 | 14.3 | 14.3 |
| 90° | 7.7 | 9.0 | 10.1 | 11.2 | 12.2 | 13.3 | 14.1 | 14.9 | 15.7 | 16.6 | 17.0 |
| 92.5° | 19.7 | 21.0 | 21.7 | 22.4 | 23.2 | 24.0 | 24.5 | 24.9 | 25.4 | 25.9 | 26.3 |
| 95° | 41.2 | 42.2 | 43.1 | 44.1 | 45.1 | 46.0 | 46.4 | 46.8 | 47.2 | 47.6 | 47.8 |
| 97.5° | 67.3 | 68.3 | 69.5 | 70.5 | 71.7 | 72.7 | 73.2 | 73.7 | 74.2 | 74.7 | 74.9 |
| 100° | 86.8 | 87.7 | 88.9 | 90.2 | 91.4 | 92.6 | 92.9 | 93.1 | 93.4 | 93.7 | 93.8 |
| 102.5° | 107.9 | 108.5 | 109.6 | 110.7 | 111.8 | 112.9 | 113.3 | 113.7 | 114.1 | 114.4 | 114.6 |
| 105° | 141.5 | 141.9 | 142.4 | 142.9 | 143.5 | 144.0 | 144.4 | 144.8 | 145.2 | 145.6 | 146.0 |
| 107.5° | 177.3 | 177.5 | 177.6 | 177.7 | 177.7 | 177.8 | 178.1 | 178.6 | 178.9 | 179.3 | 179.4 |
| 110° | 201.9 | 202.0 | 201.9 | 201.8 | 201.6 | 201.5 | 201.2 | 201.0 | 200.7 | 200.4 | 200.5 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 226.2 | 226.2 | 225.9 | 225.7 | 225.4 | 225.2 | 225.2 | 225.1 | 225.0 | 225.0 | 225.0 |
| 115° | 263.8 | 263.7 | 263.4 | 263.2 | 262.9 | 262.6 | 262.4 | 262.4 | 262.2 | 262.0 | 262.0 |
| 117.5° | 299.9 | 299.8 | 299.6 | 299.5 | 299.2 | 299.1 | 298.6 | 298.2 | 297.7 | 297.2 | 296.9 |
| 120° | 325.3 | 325.3 | 325.0 | 324.6 | 324.2 | 323.8 | 323.0 | 322.4 | 321.7 | 321.1 | 320.8 |
| 122.5° | 348.7 | 348.7 | 348.5 | 348.3 | 348.1 | 348.0 | 347.5 | 347.0 | 346.6 | 346.1 | 345.6 |
| 125° | 384.3 | 384.2 | 384.0 | 383.9 | 383.8 | 383.6 | 383.4 | 383.1 | 382.9 | 382.5 | 382.3 |
| 127.5° | 418.9 | 419.0 | 418.7 | 418.6 | 418.3 | 418.2 | 417.8 | 417.6 | 417.4 | 417.0 | 416.8 |
| 130° | 442.1 | 442.3 | 442.3 | 442.3 | 442.3 | 442.3 | 442.1 | 441.8 | 441.5 | 441.2 | 440.8 |
| 132.5° | 465.5 | 465.5 | 465.4 | 465.3 | 465.2 | 465.0 | 464.8 | 464.6 | 464.3 | 464.0 | 463.7 |
| 135° | 498.8 | 499.2 | 499.2 | 499.2 | 499.2 | 499.2 | 499.0 | 498.6 | 498.4 | 498.1 | 497.8 |
| 137.5° | 531.2 | 531.5 | 531.7 | 531.9 | 532.1 | 532.4 | 532.0 | 531.7 | 531.3 | 531.0 | 530.8 |
| 140° | 553.5 | 553.7 | 553.7 | 553.7 | 553.7 | 553.7 | 553.5 | 553.4 | 553.3 | 553.1 | 553.0 |
| 142.5° | 574.4 | 574.5 | 574.3 | 574.2 | 574.1 | 574.0 | 574.0 | 574.0 | 573.9 | 573.9 | 573.9 |
| 145° | 604.2 | 604.5 | 604.7 | 604.9 | 605.0 | 605.1 | 605.0 | 604.9 | 604.7 | 604.5 | 604.3 |
| 147.5° | 633.2 | 633.5 | 633.4 | 633.2 | 633.2 | 633.1 | 632.9 | 632.8 | 632.8 | 632.6 | 632.5 |
| 150° | 650.2 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.4 |
| 152.5° | 665.9 | 666.0 | 666.1 | 666.3 | 666.3 | 666.4 | 666.8 | 667.1 | 667.4 | 667.7 | 667.7 |
| 155° | 689.8 | 689.7 | 689.6 | 689.5 | 689.3 | 689.3 | 689.7 | 690.3 | 690.8 | 691.4 | 691.4 |
| 157.5° | 710.1 | 710.0 | 710.0 | 710.0 | 710.0 | 709.9 | 710.3 | 710.7 | 711.1 | 711.5 | 711.5 |
| 160° | 723.2 | 723.0 | 722.9 | 722.8 | 722.6 | 722.5 | 722.9 | 723.3 | 723.7 | 724.1 | 724.0 |
| 162.5° | 733.9 | 733.7 | 733.5 | 733.4 | 733.3 | 733.1 | 733.9 | 734.6 | 735.3 | 736.1 | 736.1 |
| 165° | 749.3 | 749.0 | 748.7 | 748.4 | 748.2 | 747.9 | 748.7 | 749.5 | 750.3 | 751.1 | 751.3 |
| 167.5° | 760.7 | 760.3 | 760.4 | 760.4 | 760.4 | 760.5 | 761.3 | 762.1 | 762.9 | 763.7 | 763.7 |
| 170° | 767.0 | 766.7 | 766.9 | 767.0 | 767.1 | 767.3 | 768.1 | 768.9 | 769.7 | 770.5 | 770.5 |
| 172.5° | 772.3 | 772.0 | 772.0 | 772.1 | 772.1 | 772.1 | 773.1 | 774.0 | 774.9 | 775.8 | 775.8 |
| 175° | 778.5 | 778.1 | 778.0 | 777.8 | 777.7 | 777.6 | 778.5 | 779.4 | 780.4 | 781.3 | 781.3 |
| 177.5° | 781.2 | 781.0 | 781.0 | 781.0 | 781.0 | 781.0 | 781.7 | 782.4 | 783.2 | 784.0 | 783.9 |
| 180° | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1542.2 | 1543.3 | 1539.6 | 1538.6 | 1539.6 | 1543.3 | 1542.2 | 1545.3 | 1545.9 | 1550.0 | 1548.5 |
| 5° | 1430.8 | 1429.5 | 1426.2 | 1426.9 | 1426.2 | 1429.5 | 1430.8 | 1436.0 | 1438.6 | 1449.0 | 1447.7 |
| 7.5° | 1335.5 | 1330.4 | 1331.8 | 1326.7 | 1331.8 | 1330.4 | 1335.5 | 1340.2 | 1348.1 | 1352.8 | 1363.8 |
| 10° | 1277.2 | 1270.0 | 1264.1 | 1258.9 | 1264.1 | 1270.0 | 1277.2 | 1279.8 | 1290.8 | 1296.0 | 1307.1 |
| 12.5° | 1197.5 | 1191.3 | 1183.4 | 1185.0 | 1183.4 | 1191.3 | 1197.5 | 1208.9 | 1223.1 | 1234.0 | 1251.4 |
| 15° | 1084.4 | 1074.7 | 1059.1 | 1061.0 | 1059.1 | 1074.7 | 1084.4 | 1092.9 | 1107.3 | 1132.0 | 1143.7 |
| 17.5° | 988.8 | 988.9 | 981.8 | 983.4 | 981.8 | 988.9 | 988.8 | 1000.4 | 1007.6 | 1023.4 | 1041.4 |
| 20° | 939.3 | 934.7 | 935.4 | 933.4 | 935.4 | 934.7 | 939.3 | 953.0 | 960.8 | 971.8 | 991.4 |
| 22.5° | 904.9 | 899.4 | 894.8 | 890.7 | 894.8 | 899.4 | 904.9 | 908.7 | 919.2 | 929.7 | 945.6 |
| 25° | 846.9 | 842.9 | 837.1 | 835.8 | 837.1 | 842.9 | 846.9 | 852.7 | 857.9 | 871.6 | 881.3 |
| 27.5° | 795.8 | 795.1 | 792.7 | 789.7 | 792.7 | 795.1 | 795.8 | 801.0 | 807.8 | 816.5 | 828.9 |
| 30° | 766.1 | 764.8 | 763.5 | 761.6 | 763.5 | 764.8 | 766.1 | 771.4 | 776.6 | 783.7 | 793.5 |
| 32.5° | 739.6 | 738.8 | 737.5 | 737.7 | 737.5 | 738.8 | 739.6 | 742.2 | 745.3 | 754.6 | 762.2 |
| 35° | 701.7 | 701.1 | 699.8 | 699.1 | 699.8 | 701.1 | 701.7 | 704.3 | 706.3 | 708.9 | 715.4 |
| 37.5° | 666.3 | 668.0 | 667.2 | 667.1 | 667.2 | 668.0 | 666.3 | 667.0 | 664.9 | 669.5 | 674.0 |
| 40° | 641.8 | 642.5 | 643.8 | 643.1 | 643.8 | 642.5 | 641.8 | 642.5 | 642.5 | 642.5 | 646.4 |
| 42.5° | 621.5 | 621.7 | 623.5 | 621.3 | 623.5 | 621.7 | 621.5 | 619.1 | 616.0 | 616.4 | 617.8 |
| 45° | 585.2 | 589.1 | 588.5 | 588.5 | 588.5 | 589.1 | 585.2 | 580.7 | 580.0 | 577.4 | 577.4 |
| 47.5° | 545.5 | 548.9 | 549.8 | 549.7 | 549.8 | 548.9 | 545.5 | 543.8 | 540.8 | 538.2 | 537.9 |
| 50° | 519.4 | 518.1 | 520.1 | 519.4 | 520.1 | 518.1 | 519.4 | 516.2 | 511.6 | 511.6 | 510.4 |
| 52.5° | 487.7 | 488.0 | 487.8 | 487.1 | 487.8 | 488.0 | 487.7 | 486.0 | 484.0 | 481.9 | 481.2 |
| 55° | 438.7 | 439.4 | 438.1 | 438.7 | 438.1 | 439.4 | 438.7 | 438.1 | 438.1 | 436.8 | 438.1 |
| 57.5° | 385.6 | 382.5 | 383.8 | 382.2 | 383.8 | 382.5 | 385.6 | 388.5 | 389.6 | 389.8 | 391.8 |
| 60° | 347.6 | 342.4 | 341.1 | 338.5 | 341.1 | 342.4 | 347.6 | 354.1 | 356.7 | 358.0 | 360.0 |
| 62.5° | 304.9 | 301.3 | 296.9 | 298.9 | 296.9 | 301.3 | 304.9 | 311.9 | 317.6 | 322.1 | 326.6 |
| 65° | 248.0 | 245.4 | 243.4 | 246.1 | 243.4 | 245.4 | 248.0 | 253.2 | 258.4 | 268.8 | 278.6 |
| 67.5° | 205.3 | 203.9 | 203.9 | 202.6 | 203.9 | 203.9 | 205.3 | 207.9 | 211.2 | 216.9 | 226.0 |
| 70° | 183.0 | 181.0 | 181.0 | 179.7 | 181.0 | 181.0 | 183.0 | 183.0 | 186.1 | 188.7 | 195.3 |
| 72.5° | 160.0 | 158.1 | 158.6 | 157.8 | 158.6 | 158.1 | 160.0 | 160.5 | 163.8 | 164.9 | 167.7 |
| 75° | 118.5 | 115.2 | 115.2 | 115.9 | 115.2 | 115.2 | 118.5 | 122.4 | 125.6 | 131.5 | 132.8 |
| 77.5° | 88.4 | 87.7 | 88.6 | 87.5 | 88.6 | 87.7 | 88.4 | 88.4 | 89.0 | 91.8 | 94.0 |
| 80° | 72.2 | 71.6 | 70.9 | 72.9 | 70.9 | 71.6 | 72.2 | 72.2 | 72.9 | 73.5 | 74.2 |
| 82.5° | 56.1 | 56.0 | 55.8 | 58.3 | 55.8 | 56.0 | 56.1 | 57.2 | 57.3 | 56.9 | 57.6 |
| 85° | 33.8 | 32.5 | 33.8 | 32.5 | 33.8 | 32.5 | 33.8 | 33.2 | 33.8 | 33.2 | 33.8 |
| 87.5° | 15.4 | 15.0 | 14.5 | 15.1 | 14.5 | 15.0 | 15.4 | 14.3 | 14.3 | 15.2 | 14.4 |
| 90° | 17.4 | 17.6 | 17.9 | 18.2 | 17.9 | 17.6 | 17.4 | 17.0 | 16.6 | 15.7 | 14.9 |
| 92.5° | 26.4 | 26.6 | 26.7 | 26.9 | 26.7 | 26.6 | 26.4 | 26.3 | 25.9 | 25.4 | 24.9 |
| 95° | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.6 | 47.2 | 46.8 |
| 97.5° | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.7 | 74.2 | 73.7 |
| 100° | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.7 | 93.4 | 93.1 |
| 102.5° | 114.8 | 114.9 | 115.0 | 115.1 | 115.0 | 114.9 | 114.8 | 114.6 | 114.4 | 114.1 | 113.7 |
| 105° | 146.4 | 146.8 | 147.2 | 147.7 | 147.2 | 146.8 | 146.4 | 146.0 | 145.6 | 145.2 | 144.8 |
| 107.5° | 179.4 | 179.4 | 179.4 | 179.4 | 179.4 | 179.4 | 179.4 | 179.4 | 179.3 | 178.9 | 178.6 |
| 110° | 200.9 | 201.3 | 201.7 | 202.1 | 201.7 | 201.3 | 200.9 | 200.5 | 200.4 | 200.7 | 201.0 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.1 | 225.2 | 225.3 | 225.3 | 225.3 | 225.2 | 225.1 | 225.0 | 225.0 | 225.0 | 225.1 |
| 115° | 261.8 | 261.7 | 261.5 | 261.4 | 261.5 | 261.7 | 261.8 | 262.0 | 262.0 | 262.2 | 262.4 |
| 117.5° | 296.6 | 296.3 | 296.0 | 295.8 | 296.0 | 296.3 | 296.6 | 296.9 | 297.2 | 297.7 | 298.2 |
| 120° | 321.1 | 321.4 | 321.6 | 321.9 | 321.6 | 321.4 | 321.1 | 320.8 | 321.1 | 321.7 | 322.4 |
| 122.5° | 345.1 | 344.6 | 344.2 | 343.7 | 344.2 | 344.6 | 345.1 | 345.6 | 346.1 | 346.6 | 347.0 |
| 125° | 382.0 | 381.7 | 381.5 | 381.2 | 381.5 | 381.7 | 382.0 | 382.3 | 382.5 | 382.9 | 383.1 |
| 127.5° | 416.6 | 416.4 | 416.1 | 416.0 | 416.1 | 416.4 | 416.6 | 416.8 | 417.0 | 417.4 | 417.6 |
| 130° | 440.3 | 439.8 | 439.2 | 438.7 | 439.2 | 439.8 | 440.3 | 440.8 | 441.2 | 441.5 | 441.8 |
| 132.5° | 463.6 | 463.3 | 463.1 | 462.9 | 463.1 | 463.3 | 463.6 | 463.7 | 464.0 | 464.3 | 464.6 |
| 135° | 497.4 | 497.0 | 496.6 | 496.2 | 496.6 | 497.0 | 497.4 | 497.8 | 498.1 | 498.4 | 498.6 |
| 137.5° | 530.9 | 531.0 | 531.1 | 531.2 | 531.1 | 531.0 | 530.9 | 530.8 | 531.0 | 531.3 | 531.7 |
| 140° | 552.9 | 552.7 | 552.6 | 552.4 | 552.6 | 552.7 | 552.9 | 553.0 | 553.1 | 553.3 | 553.4 |
| 142.5° | 573.8 | 573.8 | 573.8 | 573.7 | 573.8 | 573.8 | 573.8 | 573.9 | 573.9 | 573.9 | 574.0 |
| 145° | 603.9 | 603.5 | 603.1 | 602.7 | 603.1 | 603.5 | 603.9 | 604.3 | 604.5 | 604.7 | 604.9 |
| 147.5° | 632.3 | 632.3 | 632.1 | 631.9 | 632.1 | 632.3 | 632.3 | 632.5 | 632.6 | 632.8 | 632.8 |
| 150° | 650.3 | 650.1 | 650.0 | 649.9 | 650.0 | 650.1 | 650.3 | 650.4 | 650.5 | 650.5 | 650.5 |
| 152.5° | 667.4 | 667.1 | 666.7 | 666.3 | 666.7 | 667.1 | 667.4 | 667.7 | 667.7 | 667.4 | 667.1 |
| 155° | 690.8 | 690.3 | 689.7 | 689.3 | 689.7 | 690.3 | 690.8 | 691.4 | 691.4 | 690.8 | 690.3 |
| 157.5° | 711.0 | 710.6 | 710.1 | 709.6 | 710.1 | 710.6 | 711.0 | 711.5 | 711.5 | 711.1 | 710.7 |
| 160° | 723.3 | 722.6 | 721.9 | 721.3 | 721.9 | 722.6 | 723.3 | 724.0 | 724.1 | 723.7 | 723.3 |
| 162.5° | 735.4 | 734.7 | 734.1 | 733.4 | 734.1 | 734.7 | 735.4 | 736.1 | 736.1 | 735.3 | 734.6 |
| 165° | 750.7 | 750.2 | 749.7 | 749.1 | 749.7 | 750.2 | 750.7 | 751.3 | 751.1 | 750.3 | 749.5 |
| 167.5° | 762.9 | 762.1 | 761.2 | 760.3 | 761.2 | 762.1 | 762.9 | 763.7 | 763.7 | 762.9 | 762.1 |
| 170° | 769.5 | 768.6 | 767.6 | 766.7 | 767.6 | 768.6 | 769.5 | 770.5 | 770.5 | 769.7 | 768.9 |
| 172.5° | 774.8 | 773.9 | 772.9 | 772.0 | 772.9 | 773.9 | 774.8 | 775.8 | 775.8 | 774.9 | 774.0 |
| 175° | 780.4 | 779.4 | 778.5 | 777.6 | 778.5 | 779.4 | 780.4 | 781.3 | 781.3 | 780.4 | 779.4 |
| 177.5° | 783.0 | 782.2 | 781.3 | 780.5 | 781.3 | 782.2 | 783.0 | 783.9 | 784.0 | 783.2 | 782.4 |
| 180° | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1545.3 | 1549.0 | 1557.3 | 1566.7 | 1574.5 | 1581.3 | 1586.5 | 1593.7 | 1600.5 | 1609.9 | 1618.8 |
| 5° | 1451.6 | 1460.7 | 1473.7 | 1489.4 | 1508.9 | 1521.9 | 1538.1 | 1552.5 | 1573.4 | 1594.2 | 1614.4 |
| 7.5° | 1369.3 | 1379.3 | 1398.5 | 1420.1 | 1443.2 | 1464.6 | 1483.9 | 1509.1 | 1536.8 | 1567.1 | 1600.9 |
| 10° | 1316.2 | 1327.3 | 1350.1 | 1374.8 | 1402.2 | 1422.9 | 1449.0 | 1479.0 | 1510.2 | 1547.3 | 1588.9 |
| 12.5° | 1268.3 | 1278.9 | 1306.3 | 1331.5 | 1359.9 | 1382.8 | 1413.1 | 1443.6 | 1485.2 | 1525.4 | 1572.8 |
| 15° | 1174.9 | 1203.0 | 1234.2 | 1264.1 | 1298.0 | 1326.0 | 1362.4 | 1393.7 | 1433.4 | 1490.0 | 1544.0 |
| 17.5° | 1071.3 | 1101.1 | 1140.0 | 1186.2 | 1231.6 | 1266.2 | 1303.2 | 1342.0 | 1389.3 | 1447.1 | 1509.4 |
| 20° | 1010.9 | 1035.0 | 1078.0 | 1129.4 | 1182.1 | 1230.3 | 1264.1 | 1307.1 | 1355.9 | 1418.4 | 1482.9 |
| 22.5° | 965.6 | 986.0 | 1019.6 | 1071.1 | 1128.0 | 1183.9 | 1227.2 | 1269.6 | 1323.6 | 1386.1 | 1456.3 |
| 25° | 897.6 | 919.8 | 949.1 | 984.2 | 1049.3 | 1108.6 | 1165.2 | 1214.0 | 1271.3 | 1333.7 | 1411.9 |
| 27.5° | 841.1 | 860.4 | 887.2 | 923.8 | 967.6 | 1032.9 | 1101.6 | 1157.2 | 1215.9 | 1283.0 | 1361.2 |
| 30° | 807.8 | 823.5 | 845.5 | 882.6 | 924.3 | 982.9 | 1052.6 | 1117.7 | 1176.9 | 1246.6 | 1328.0 |
| 32.5° | 772.9 | 789.6 | 811.2 | 840.5 | 885.3 | 934.5 | 1004.1 | 1075.5 | 1138.4 | 1209.6 | 1289.4 |
| 35° | 726.4 | 739.5 | 759.0 | 789.0 | 829.3 | 872.3 | 934.1 | 1007.6 | 1074.1 | 1150.2 | 1226.4 |
| 37.5° | 679.5 | 694.8 | 710.2 | 736.9 | 770.0 | 816.1 | 866.8 | 941.9 | 1015.5 | 1085.0 | 1159.4 |
| 40° | 652.9 | 662.0 | 678.9 | 700.4 | 735.6 | 776.6 | 824.1 | 897.6 | 971.2 | 1040.2 | 1115.1 |
| 42.5° | 623.2 | 633.4 | 647.7 | 669.2 | 700.7 | 740.6 | 787.1 | 850.8 | 927.5 | 994.4 | 1062.5 |
| 45° | 582.0 | 587.8 | 602.1 | 620.4 | 646.4 | 686.7 | 729.7 | 786.4 | 858.6 | 922.3 | 982.3 |
| 47.5° | 540.3 | 545.4 | 554.3 | 571.0 | 600.1 | 632.6 | 672.8 | 723.6 | 787.0 | 850.8 | 901.4 |
| 50° | 511.6 | 516.2 | 524.6 | 540.3 | 566.3 | 598.2 | 637.9 | 683.5 | 740.1 | 801.3 | 843.6 |
| 52.5° | 483.0 | 485.5 | 493.4 | 511.1 | 533.0 | 564.4 | 599.9 | 641.8 | 694.8 | 745.6 | 788.4 |
| 55° | 437.4 | 443.3 | 448.5 | 461.5 | 482.3 | 512.3 | 544.2 | 583.9 | 624.9 | 667.9 | 704.3 |
| 57.5° | 389.9 | 396.3 | 403.8 | 415.3 | 431.9 | 459.7 | 488.4 | 520.5 | 555.5 | 591.2 | 621.7 |
| 60° | 358.7 | 364.5 | 371.0 | 384.1 | 399.0 | 421.2 | 452.4 | 480.4 | 507.1 | 539.6 | 570.2 |
| 62.5° | 327.9 | 333.8 | 341.4 | 351.8 | 366.2 | 387.3 | 413.4 | 437.7 | 465.5 | 493.8 | 516.6 |
| 65° | 282.5 | 287.1 | 292.9 | 302.7 | 316.3 | 335.3 | 356.7 | 375.6 | 400.3 | 421.2 | 442.0 |
| 67.5° | 232.7 | 241.4 | 249.1 | 257.0 | 268.6 | 286.2 | 301.7 | 319.8 | 336.6 | 352.0 | 371.0 |
| 70° | 199.8 | 209.6 | 216.8 | 225.2 | 236.3 | 251.3 | 266.2 | 278.6 | 292.3 | 307.2 | 324.2 |
| 72.5° | 172.3 | 179.9 | 185.5 | 194.5 | 204.6 | 218.4 | 232.4 | 242.6 | 253.7 | 264.0 | 280.5 |
| 75° | 136.1 | 139.3 | 143.2 | 150.3 | 159.5 | 169.9 | 181.0 | 190.0 | 196.6 | 205.7 | 217.4 |
| 77.5° | 97.8 | 104.0 | 106.6 | 111.7 | 118.2 | 124.7 | 132.0 | 139.7 | 145.9 | 149.2 | 158.2 |
| 80° | 74.8 | 77.5 | 80.1 | 87.2 | 91.2 | 97.7 | 102.8 | 110.0 | 112.6 | 115.9 | 124.3 |
| 82.5° | 58.2 | 59.8 | 61.3 | 63.3 | 65.6 | 72.2 | 77.4 | 81.9 | 84.5 | 85.7 | 92.0 |
| 85° | 33.8 | 34.5 | 35.1 | 35.8 | 36.4 | 36.4 | 39.1 | 42.3 | 46.9 | 46.9 | 48.8 |
| 87.5° | 14.3 | 14.7 | 14.4 | 13.7 | 14.5 | 14.3 | 14.6 | 14.3 | 15.6 | 16.8 | 18.1 |
| 90° | 14.1 | 13.3 | 12.2 | 11.2 | 10.1 | 9.0 | 7.7 | 6.3 | 4.8 | 3.3 | 1.8 |
| 92.5° | 24.5 | 24.0 | 23.2 | 22.4 | 21.7 | 21.0 | 19.7 | 18.0 | 16.3 | 14.7 | 13.0 |
| 95° | 46.4 | 46.0 | 45.1 | 44.1 | 43.1 | 42.2 | 41.2 | 39.9 | 38.7 | 37.5 | 36.3 |
| 97.5° | 73.2 | 72.7 | 71.7 | 70.5 | 69.5 | 68.3 | 67.3 | 66.3 | 65.4 | 64.4 | 63.4 |
| 100° | 92.9 | 92.6 | 91.4 | 90.2 | 88.9 | 87.7 | 86.8 | 86.3 | 85.8 | 85.3 | 84.7 |
| 102.5° | 113.3 | 112.9 | 111.8 | 110.7 | 109.6 | 108.5 | 107.9 | 107.6 | 107.4 | 107.2 | 107.0 |
| 105° | 144.4 | 144.0 | 143.5 | 142.9 | 142.4 | 141.9 | 141.5 | 141.4 | 141.3 | 141.1 | 141.0 |
| 107.5° | 178.1 | 177.8 | 177.7 | 177.7 | 177.6 | 177.5 | 177.3 | 177.2 | 177.0 | 176.8 | 176.7 |
| 110° | 201.2 | 201.5 | 201.6 | 201.8 | 201.9 | 202.0 | 201.9 | 201.7 | 201.5 | 201.1 | 200.9 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.2 | 225.2 | 225.4 | 225.7 | 225.9 | 226.2 | 226.2 | 226.2 | 226.2 | 226.1 | 226.1 |
| 115° | 262.4 | 262.6 | 262.9 | 263.2 | 263.4 | 263.7 | 263.8 | 263.8 | 263.8 | 263.8 | 263.8 |
| 117.5° | 298.6 | 299.1 | 299.2 | 299.5 | 299.6 | 299.8 | 299.9 | 299.7 | 299.6 | 299.5 | 299.4 |
| 120° | 323.0 | 323.8 | 324.2 | 324.6 | 325.0 | 325.3 | 325.3 | 324.7 | 324.2 | 323.7 | 323.1 |
| 122.5° | 347.5 | 348.0 | 348.1 | 348.3 | 348.5 | 348.7 | 348.7 | 348.5 | 348.2 | 348.1 | 347.8 |
| 125° | 383.4 | 383.6 | 383.8 | 383.9 | 384.0 | 384.2 | 384.3 | 384.3 | 384.3 | 384.3 | 384.3 |
| 127.5° | 417.8 | 418.2 | 418.3 | 418.6 | 418.7 | 419.0 | 418.9 | 418.5 | 418.1 | 417.7 | 417.3 |
| 130° | 442.1 | 442.3 | 442.3 | 442.3 | 442.3 | 442.3 | 442.1 | 441.7 | 441.3 | 440.9 | 440.5 |
| 132.5° | 464.8 | 465.0 | 465.2 | 465.3 | 465.4 | 465.5 | 465.5 | 465.1 | 464.8 | 464.6 | 464.2 |
| 135° | 499.0 | 499.2 | 499.2 | 499.2 | 499.2 | 499.2 | 498.8 | 498.0 | 497.2 | 496.4 | 495.6 |
| 137.5° | 532.0 | 532.4 | 532.1 | 531.9 | 531.7 | 531.5 | 531.2 | 530.8 | 530.4 | 530.1 | 529.7 |
| 140° | 553.5 | 553.7 | 553.7 | 553.7 | 553.7 | 553.7 | 553.5 | 553.3 | 553.0 | 552.7 | 552.4 |
| 142.5° | 574.0 | 574.0 | 574.1 | 574.2 | 574.3 | 574.5 | 574.4 | 574.1 | 573.8 | 573.6 | 573.2 |
| 145° | 605.0 | 605.1 | 605.0 | 604.9 | 604.7 | 604.5 | 604.2 | 603.7 | 603.2 | 602.6 | 602.1 |
| 147.5° | 632.9 | 633.1 | 633.2 | 633.2 | 633.4 | 633.5 | 633.2 | 632.6 | 631.9 | 631.3 | 630.6 |
| 150° | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.2 | 649.7 | 649.1 | 648.6 | 648.1 |
| 152.5° | 666.8 | 666.4 | 666.3 | 666.3 | 666.1 | 666.0 | 665.9 | 665.5 | 665.2 | 664.9 | 664.6 |
| 155° | 689.7 | 689.3 | 689.3 | 689.5 | 689.6 | 689.7 | 689.8 | 689.8 | 689.8 | 689.8 | 689.8 |
| 157.5° | 710.3 | 709.9 | 710.0 | 710.0 | 710.0 | 710.0 | 710.1 | 710.4 | 710.6 | 710.9 | 711.1 |
| 160° | 722.9 | 722.5 | 722.6 | 722.8 | 722.9 | 723.0 | 723.2 | 723.3 | 723.4 | 723.6 | 723.7 |
| 162.5° | 733.9 | 733.1 | 733.3 | 733.4 | 733.5 | 733.7 | 733.9 | 734.3 | 734.6 | 735.0 | 735.3 |
| 165° | 748.7 | 747.9 | 748.2 | 748.4 | 748.7 | 749.0 | 749.3 | 749.7 | 750.2 | 750.6 | 751.0 |
| 167.5° | 761.3 | 760.5 | 760.4 | 760.4 | 760.4 | 760.3 | 760.7 | 761.2 | 761.8 | 762.4 | 762.9 |
| 170° | 768.1 | 767.3 | 767.1 | 767.0 | 766.9 | 766.7 | 767.0 | 767.7 | 768.3 | 769.0 | 769.7 |
| 172.5° | 773.1 | 772.1 | 772.1 | 772.1 | 772.0 | 772.0 | 772.3 | 772.8 | 773.4 | 774.0 | 774.5 |
| 175° | 778.5 | 777.6 | 777.7 | 777.8 | 778.0 | 778.1 | 778.5 | 779.2 | 779.8 | 780.5 | 781.2 |
| 177.5° | 781.7 | 781.0 | 781.0 | 781.0 | 781.0 | 781.0 | 781.2 | 781.8 | 782.3 | 782.9 | 783.3 |
| 180° | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1625.5 | 1630.2 | 1635.4 | 1645.4 | 1653.7 | 1657.3 | 1664.6 | 1669.8 | 1668.3 | 1675.5 | 1688.0 |
| 5° | 1631.9 | 1649.5 | 1669.7 | 1690.5 | 1713.9 | 1733.5 | 1749.1 | 1764.7 | 1777.1 | 1792.0 | 1814.2 |
| 7.5° | 1630.8 | 1662.2 | 1696.1 | 1733.5 | 1771.9 | 1805.1 | 1835.8 | 1867.0 | 1894.8 | 1925.1 | 1964.8 |
| 10° | 1626.7 | 1668.3 | 1710.7 | 1759.5 | 1808.3 | 1854.6 | 1896.2 | 1935.3 | 1972.4 | 2012.1 | 2062.2 |
| 12.5° | 1622.0 | 1669.9 | 1721.1 | 1779.8 | 1840.6 | 1896.2 | 1945.1 | 2001.4 | 2047.9 | 2099.1 | 2157.0 |
| 15° | 1601.3 | 1665.7 | 1735.4 | 1811.6 | 1884.5 | 1959.3 | 2026.3 | 2095.4 | 2159.8 | 2221.0 | 2293.9 |
| 17.5° | 1577.6 | 1652.0 | 1734.1 | 1824.1 | 1911.7 | 2002.7 | 2082.3 | 2169.2 | 2235.1 | 2317.2 | 2384.9 |
| 20° | 1558.4 | 1638.4 | 1726.3 | 1827.2 | 1926.8 | 2027.6 | 2115.5 | 2204.1 | 2278.3 | 2360.9 | 2446.9 |
| 22.5° | 1534.9 | 1622.8 | 1718.0 | 1822.5 | 1926.8 | 2037.0 | 2134.3 | 2222.3 | 2314.2 | 2407.3 | 2495.9 |
| 25° | 1497.1 | 1588.3 | 1689.2 | 1803.8 | 1923.5 | 2036.1 | 2140.3 | 2249.7 | 2348.6 | 2449.5 | 2528.9 |
| 27.5° | 1450.8 | 1546.5 | 1652.9 | 1771.1 | 1894.0 | 2009.3 | 2132.0 | 2248.5 | 2348.1 | 2445.2 | 2514.5 |
| 30° | 1413.8 | 1514.7 | 1616.9 | 1736.8 | 1864.3 | 1987.9 | 2119.5 | 2236.0 | 2340.8 | 2428.0 | 2467.1 |
| 32.5° | 1375.8 | 1471.5 | 1576.9 | 1698.2 | 1828.9 | 1961.9 | 2092.4 | 2211.5 | 2308.5 | 2360.9 | 2361.8 |
| 35° | 1309.7 | 1399.5 | 1508.9 | 1628.0 | 1762.1 | 1906.6 | 2038.7 | 2155.9 | 2215.2 | 2219.7 | 2155.9 |
| 37.5° | 1237.5 | 1320.0 | 1423.2 | 1542.5 | 1689.3 | 1833.0 | 1968.1 | 2046.2 | 2066.0 | 1999.7 | 1881.7 |
| 40° | 1186.0 | 1262.2 | 1361.8 | 1484.2 | 1629.9 | 1778.4 | 1901.4 | 1958.7 | 1937.9 | 1830.4 | 1698.9 |
| 42.5° | 1131.9 | 1202.8 | 1298.8 | 1419.6 | 1565.9 | 1715.9 | 1820.7 | 1851.4 | 1796.2 | 1672.2 | 1518.3 |
| 45° | 1043.5 | 1108.6 | 1203.6 | 1325.4 | 1465.9 | 1606.5 | 1686.0 | 1670.3 | 1578.5 | 1431.4 | 1258.9 |
| 47.5° | 951.5 | 1014.3 | 1099.8 | 1212.4 | 1356.4 | 1477.7 | 1531.5 | 1484.4 | 1353.8 | 1192.0 | 1051.7 |
| 50° | 890.5 | 955.0 | 1033.7 | 1141.1 | 1272.6 | 1389.8 | 1424.2 | 1352.7 | 1207.5 | 1051.9 | 923.0 |
| 52.5° | 830.6 | 885.7 | 962.9 | 1066.7 | 1192.4 | 1291.4 | 1309.7 | 1227.2 | 1077.3 | 937.8 | 823.5 |
| 55° | 739.5 | 789.6 | 854.7 | 952.4 | 1061.0 | 1145.0 | 1135.2 | 1029.2 | 893.1 | 774.0 | 684.1 |
| 57.5° | 651.3 | 689.1 | 749.3 | 840.7 | 936.2 | 992.5 | 956.9 | 866.4 | 739.6 | 642.1 | 566.3 |
| 60° | 593.0 | 628.2 | 684.1 | 764.2 | 848.2 | 880.0 | 850.1 | 751.9 | 651.6 | 562.4 | 498.6 |
| 62.5° | 537.8 | 568.8 | 616.9 | 691.3 | 759.1 | 778.0 | 746.0 | 660.1 | 569.8 | 493.7 | 440.8 |
| 65° | 457.6 | 486.2 | 527.3 | 580.0 | 626.9 | 635.9 | 615.1 | 527.3 | 458.9 | 395.1 | 358.7 |
| 67.5° | 384.8 | 403.6 | 435.6 | 481.2 | 506.1 | 511.4 | 471.2 | 416.0 | 355.7 | 316.5 | 289.0 |
| 70° | 335.9 | 348.9 | 378.9 | 403.6 | 423.8 | 424.4 | 387.3 | 343.1 | 296.9 | 265.0 | 244.8 |
| 72.5° | 288.5 | 301.0 | 323.7 | 340.6 | 356.0 | 351.0 | 317.0 | 282.1 | 244.8 | 220.7 | 205.7 |
| 75° | 222.7 | 233.7 | 245.4 | 253.2 | 253.2 | 246.7 | 222.0 | 195.9 | 174.5 | 160.1 | 155.6 |
| 77.5° | 161.8 | 171.0 | 174.9 | 173.7 | 171.3 | 161.2 | 145.5 | 128.5 | 120.8 | 114.1 | 110.6 |
| 80° | 126.9 | 130.9 | 132.2 | 128.9 | 125.0 | 113.2 | 102.8 | 95.7 | 88.5 | 85.9 | 84.6 |
| 82.5° | 94.1 | 97.5 | 94.1 | 95.1 | 86.4 | 76.8 | 71.1 | 68.6 | 65.6 | 64.6 | 63.3 |
| 85° | 50.1 | 49.5 | 48.2 | 44.9 | 39.1 | 37.7 | 37.1 | 36.4 | 35.1 | 35.8 | 34.5 |
| 87.5° | 17.9 | 16.6 | 14.8 | 14.6 | 14.8 | 14.0 | 14.8 | 14.9 | 15.2 | 14.8 | 16.0 |
| 90° | 3.3 | 4.8 | 6.3 | 7.7 | 9.0 | 10.1 | 11.2 | 12.2 | 13.3 | 14.1 | 14.9 |
| 92.5° | 14.7 | 16.3 | 18.0 | 19.7 | 21.0 | 21.7 | 22.4 | 23.2 | 24.0 | 24.5 | 24.9 |
| 95° | 37.5 | 38.7 | 39.9 | 41.2 | 42.2 | 43.1 | 44.1 | 45.1 | 46.0 | 46.4 | 46.8 |
| 97.5° | 64.4 | 65.4 | 66.3 | 67.3 | 68.3 | 69.5 | 70.5 | 71.7 | 72.7 | 73.2 | 73.7 |
| 100° | 85.3 | 85.8 | 86.3 | 86.8 | 87.7 | 88.9 | 90.2 | 91.4 | 92.6 | 92.9 | 93.1 |
| 102.5° | 107.2 | 107.4 | 107.6 | 107.9 | 108.5 | 109.6 | 110.7 | 111.8 | 112.9 | 113.3 | 113.7 |
| 105° | 141.1 | 141.3 | 141.4 | 141.5 | 141.9 | 142.4 | 142.9 | 143.5 | 144.0 | 144.4 | 144.8 |
| 107.5° | 176.8 | 177.0 | 177.2 | 177.3 | 177.5 | 177.6 | 177.7 | 177.7 | 177.8 | 178.1 | 178.6 |
| 110° | 201.1 | 201.5 | 201.7 | 201.9 | 202.0 | 201.9 | 201.8 | 201.6 | 201.5 | 201.2 | 201.0 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 226.1 | 226.2 | 226.2 | 226.2 | 226.2 | 225.9 | 225.7 | 225.4 | 225.2 | 225.2 | 225.1 |
| 115° | 263.8 | 263.8 | 263.8 | 263.8 | 263.7 | 263.4 | 263.2 | 262.9 | 262.6 | 262.4 | 262.4 |
| 117.5° | 299.5 | 299.6 | 299.7 | 299.9 | 299.8 | 299.6 | 299.5 | 299.2 | 299.1 | 298.6 | 298.2 |
| 120° | 323.7 | 324.2 | 324.7 | 325.3 | 325.3 | 325.0 | 324.6 | 324.2 | 323.8 | 323.0 | 322.4 |
| 122.5° | 348.1 | 348.2 | 348.5 | 348.7 | 348.7 | 348.5 | 348.3 | 348.1 | 348.0 | 347.5 | 347.0 |
| 125° | 384.3 | 384.3 | 384.3 | 384.3 | 384.2 | 384.0 | 383.9 | 383.8 | 383.6 | 383.4 | 383.1 |
| 127.5° | 417.7 | 418.1 | 418.5 | 418.9 | 419.0 | 418.7 | 418.6 | 418.3 | 418.2 | 417.8 | 417.6 |
| 130° | 440.9 | 441.3 | 441.7 | 442.1 | 442.3 | 442.3 | 442.3 | 442.3 | 442.3 | 442.1 | 441.8 |
| 132.5° | 464.6 | 464.8 | 465.1 | 465.5 | 465.5 | 465.4 | 465.3 | 465.2 | 465.0 | 464.8 | 464.6 |
| 135° | 496.4 | 497.2 | 498.0 | 498.8 | 499.2 | 499.2 | 499.2 | 499.2 | 499.2 | 499.0 | 498.6 |
| 137.5° | 530.1 | 530.4 | 530.8 | 531.2 | 531.5 | 531.7 | 531.9 | 532.1 | 532.4 | 532.0 | 531.7 |
| 140° | 552.7 | 553.0 | 553.3 | 553.5 | 553.7 | 553.7 | 553.7 | 553.7 | 553.7 | 553.5 | 553.4 |
| 142.5° | 573.6 | 573.8 | 574.1 | 574.4 | 574.5 | 574.3 | 574.2 | 574.1 | 574.0 | 574.0 | 574.0 |
| 145° | 602.6 | 603.2 | 603.7 | 604.2 | 604.5 | 604.7 | 604.9 | 605.0 | 605.1 | 605.0 | 604.9 |
| 147.5° | 631.3 | 631.9 | 632.6 | 633.2 | 633.5 | 633.4 | 633.2 | 633.2 | 633.1 | 632.9 | 632.8 |
| 150° | 648.6 | 649.1 | 649.7 | 650.2 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 | 650.5 |
| 152.5° | 664.9 | 665.2 | 665.5 | 665.9 | 666.0 | 666.1 | 666.3 | 666.3 | 666.4 | 666.8 | 667.1 |
| 155° | 689.8 | 689.8 | 689.8 | 689.8 | 689.7 | 689.6 | 689.5 | 689.3 | 689.3 | 689.7 | 690.3 |
| 157.5° | 710.9 | 710.6 | 710.4 | 710.1 | 710.0 | 710.0 | 710.0 | 710.0 | 709.9 | 710.3 | 710.7 |
| 160° | 723.6 | 723.4 | 723.3 | 723.2 | 723.0 | 722.9 | 722.8 | 722.6 | 722.5 | 722.9 | 723.3 |
| 162.5° | 735.0 | 734.6 | 734.3 | 733.9 | 733.7 | 733.5 | 733.4 | 733.3 | 733.1 | 733.9 | 734.6 |
| 165° | 750.6 | 750.2 | 749.7 | 749.3 | 749.0 | 748.7 | 748.4 | 748.2 | 747.9 | 748.7 | 749.5 |
| 167.5° | 762.4 | 761.8 | 761.2 | 760.7 | 760.3 | 760.4 | 760.4 | 760.4 | 760.5 | 761.3 | 762.1 |
| 170° | 769.0 | 768.3 | 767.7 | 767.0 | 766.7 | 766.9 | 767.0 | 767.1 | 767.3 | 768.1 | 768.9 |
| 172.5° | 774.0 | 773.4 | 772.8 | 772.3 | 772.0 | 772.0 | 772.1 | 772.1 | 772.1 | 773.1 | 774.0 |
| 175° | 780.5 | 779.8 | 779.2 | 778.5 | 778.1 | 778.0 | 777.8 | 777.7 | 777.6 | 778.5 | 779.4 |
| 177.5° | 782.9 | 782.3 | 781.8 | 781.2 | 781.0 | 781.0 | 781.0 | 781.0 | 781.0 | 781.7 | 782.4 |
| 180° | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1694.8 | 1696.9 | 1698.4 | 1703.6 | 1704.1 | 1708.9 | 1704.1 |
| 5° | 1835.0 | 1844.1 | 1858.5 | 1872.7 | 1874.0 | 1883.2 | 1866.9 |
| 7.5° | 1992.3 | 2013.4 | 2026.5 | 2049.7 | 2058.8 | 2064.5 | 2055.1 |
| 10° | 2100.6 | 2120.1 | 2154.6 | 2171.5 | 2188.5 | 2191.0 | 2183.3 |
| 12.5° | 2205.3 | 2236.3 | 2263.4 | 2295.5 | 2294.7 | 2317.7 | 2309.3 |
| 15° | 2344.7 | 2376.6 | 2414.3 | 2450.1 | 2463.2 | 2463.2 | 2473.6 |
| 17.5° | 2444.2 | 2502.6 | 2541.7 | 2569.8 | 2600.5 | 2605.9 | 2602.2 |
| 20° | 2511.4 | 2574.5 | 2616.1 | 2652.6 | 2673.4 | 2679.3 | 2679.3 |
| 22.5° | 2561.3 | 2615.1 | 2655.8 | 2688.5 | 2705.7 | 2712.6 | 2710.5 |
| 25° | 2596.0 | 2642.1 | 2666.9 | 2676.7 | 2681.2 | 2680.0 | 2667.6 |
| 27.5° | 2548.5 | 2546.5 | 2530.9 | 2500.9 | 2478.4 | 2464.7 | 2449.1 |
| 30° | 2458.0 | 2424.1 | 2385.1 | 2342.1 | 2286.8 | 2244.4 | 2231.4 |
| 32.5° | 2323.1 | 2247.0 | 2180.9 | 2109.3 | 2049.8 | 2007.5 | 1989.8 |
| 35° | 2062.2 | 1941.8 | 1843.5 | 1757.5 | 1695.1 | 1656.0 | 1643.0 |
| 37.5° | 1752.6 | 1636.1 | 1514.3 | 1431.0 | 1379.2 | 1339.8 | 1325.0 |
| 40° | 1555.8 | 1428.8 | 1322.7 | 1244.6 | 1191.2 | 1152.8 | 1152.2 |
| 42.5° | 1376.1 | 1254.9 | 1155.0 | 1098.8 | 1041.2 | 1015.9 | 1015.7 |
| 45° | 1126.7 | 1029.8 | 945.2 | 900.9 | 866.4 | 845.5 | 839.7 |
| 47.5° | 932.9 | 852.7 | 796.4 | 761.1 | 733.0 | 719.7 | 711.1 |
| 50° | 824.1 | 753.8 | 708.9 | 678.2 | 662.7 | 645.7 | 644.4 |
| 52.5° | 733.4 | 676.7 | 641.7 | 616.9 | 597.0 | 586.9 | 587.2 |
| 55° | 616.4 | 571.5 | 546.8 | 527.9 | 512.3 | 504.5 | 501.2 |
| 57.5° | 519.3 | 485.6 | 467.7 | 450.3 | 443.7 | 437.6 | 435.9 |
| 60° | 458.9 | 436.1 | 419.2 | 405.5 | 395.7 | 393.8 | 393.1 |
| 62.5° | 409.0 | 385.1 | 373.4 | 362.8 | 355.7 | 352.7 | 351.5 |
| 65° | 337.2 | 319.6 | 309.2 | 300.8 | 298.2 | 293.6 | 292.9 |
| 67.5° | 271.8 | 261.3 | 254.4 | 248.5 | 245.0 | 244.8 | 244.8 |
| 70° | 231.7 | 225.8 | 220.0 | 216.8 | 214.8 | 213.5 | 213.5 |
| 72.5° | 197.4 | 193.1 | 188.3 | 186.5 | 186.1 | 184.8 | 184.3 |
| 75° | 150.3 | 145.8 | 146.4 | 143.2 | 140.6 | 137.4 | 135.4 |
| 77.5° | 106.6 | 103.4 | 102.7 | 102.3 | 100.1 | 99.7 | 100.8 |
| 80° | 82.7 | 79.4 | 78.8 | 79.4 | 78.8 | 76.8 | 76.8 |
| 82.5° | 62.9 | 60.2 | 59.5 | 59.1 | 58.5 | 59.1 | 58.0 |
| 85° | 33.8 | 32.5 | 32.5 | 32.5 | 33.8 | 33.2 | 32.5 |
| 87.5° | 15.2 | 14.8 | 15.4 | 14.9 | 15.0 | 14.5 | 15.1 |
| 90° | 15.7 | 16.6 | 17.0 | 17.4 | 17.6 | 17.9 | 18.2 |
| 92.5° | 25.4 | 25.9 | 26.3 | 26.4 | 26.6 | 26.7 | 26.9 |
| 95° | 47.2 | 47.6 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| 97.5° | 74.2 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| 100° | 93.4 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 102.5° | 114.1 | 114.4 | 114.6 | 114.8 | 114.9 | 115.0 | 115.1 |
| 105° | 145.2 | 145.6 | 146.0 | 146.4 | 146.8 | 147.2 | 147.7 |
| 107.5° | 178.9 | 179.3 | 179.4 | 179.4 | 179.4 | 179.4 | 179.4 |
| 110° | 200.7 | 200.4 | 200.5 | 200.9 | 201.3 | 201.7 | 202.1 |



TEST NUMBER: P333100-930

CATALOG NUMBER: S124RDIW-S1195D770U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.0 | 225.0 | 225.0 | 225.1 | 225.2 | 225.3 | 225.3 |
| 115° | 262.2 | 262.0 | 262.0 | 261.8 | 261.7 | 261.5 | 261.4 |
| 117.5° | 297.7 | 297.2 | 296.9 | 296.6 | 296.3 | 296.0 | 295.8 |
| 120° | 321.7 | 321.1 | 320.8 | 321.1 | 321.4 | 321.6 | 321.9 |
| 122.5° | 346.6 | 346.1 | 345.6 | 345.1 | 344.6 | 344.2 | 343.7 |
| 125° | 382.9 | 382.5 | 382.3 | 382.0 | 381.7 | 381.5 | 381.2 |
| 127.5° | 417.4 | 417.0 | 416.8 | 416.6 | 416.4 | 416.1 | 416.0 |
| 130° | 441.5 | 441.2 | 440.8 | 440.3 | 439.8 | 439.2 | 438.7 |
| 132.5° | 464.3 | 464.0 | 463.7 | 463.6 | 463.3 | 463.1 | 462.9 |
| 135° | 498.4 | 498.1 | 497.8 | 497.4 | 497.0 | 496.6 | 496.2 |
| 137.5° | 531.3 | 531.0 | 530.8 | 530.9 | 531.0 | 531.1 | 531.2 |
| 140° | 553.3 | 553.1 | 553.0 | 552.9 | 552.7 | 552.6 | 552.4 |
| 142.5° | 573.9 | 573.9 | 573.9 | 573.8 | 573.8 | 573.8 | 573.7 |
| 145° | 604.7 | 604.5 | 604.3 | 603.9 | 603.5 | 603.1 | 602.7 |
| 147.5° | 632.8 | 632.6 | 632.5 | 632.3 | 632.3 | 632.1 | 631.9 |
| 150° | 650.5 | 650.5 | 650.4 | 650.3 | 650.1 | 650.0 | 649.9 |
| 152.5° | 667.4 | 667.7 | 667.7 | 667.4 | 667.1 | 666.7 | 666.3 |
| 155° | 690.8 | 691.4 | 691.4 | 690.8 | 690.3 | 689.7 | 689.3 |
| 157.5° | 711.1 | 711.5 | 711.5 | 711.0 | 710.6 | 710.1 | 709.6 |
| 160° | 723.7 | 724.1 | 724.0 | 723.3 | 722.6 | 721.9 | 721.3 |
| 162.5° | 735.3 | 736.1 | 736.1 | 735.4 | 734.7 | 734.1 | 733.4 |
| 165° | 750.3 | 751.1 | 751.3 | 750.7 | 750.2 | 749.7 | 749.1 |
| 167.5° | 762.9 | 763.7 | 763.7 | 762.9 | 762.1 | 761.2 | 760.3 |
| 170° | 769.7 | 770.5 | 770.5 | 769.5 | 768.6 | 767.6 | 766.7 |
| 172.5° | 774.9 | 775.8 | 775.8 | 774.8 | 773.9 | 772.9 | 772.0 |
| 175° | 780.4 | 781.3 | 781.3 | 780.4 | 779.4 | 778.5 | 777.6 |
| 177.5° | 783.2 | 784.0 | 783.9 | 783.0 | 782.2 | 781.3 | 780.5 |
| 180° | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 | 782.4 |

(END OF REPORT)