

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: P331431-935

Luminaire Tested: **S122DIP-S1005D530U935-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331431-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIP-S1005D530U935-4F0-1E-UDD-A4
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 530 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5566.8 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Direct

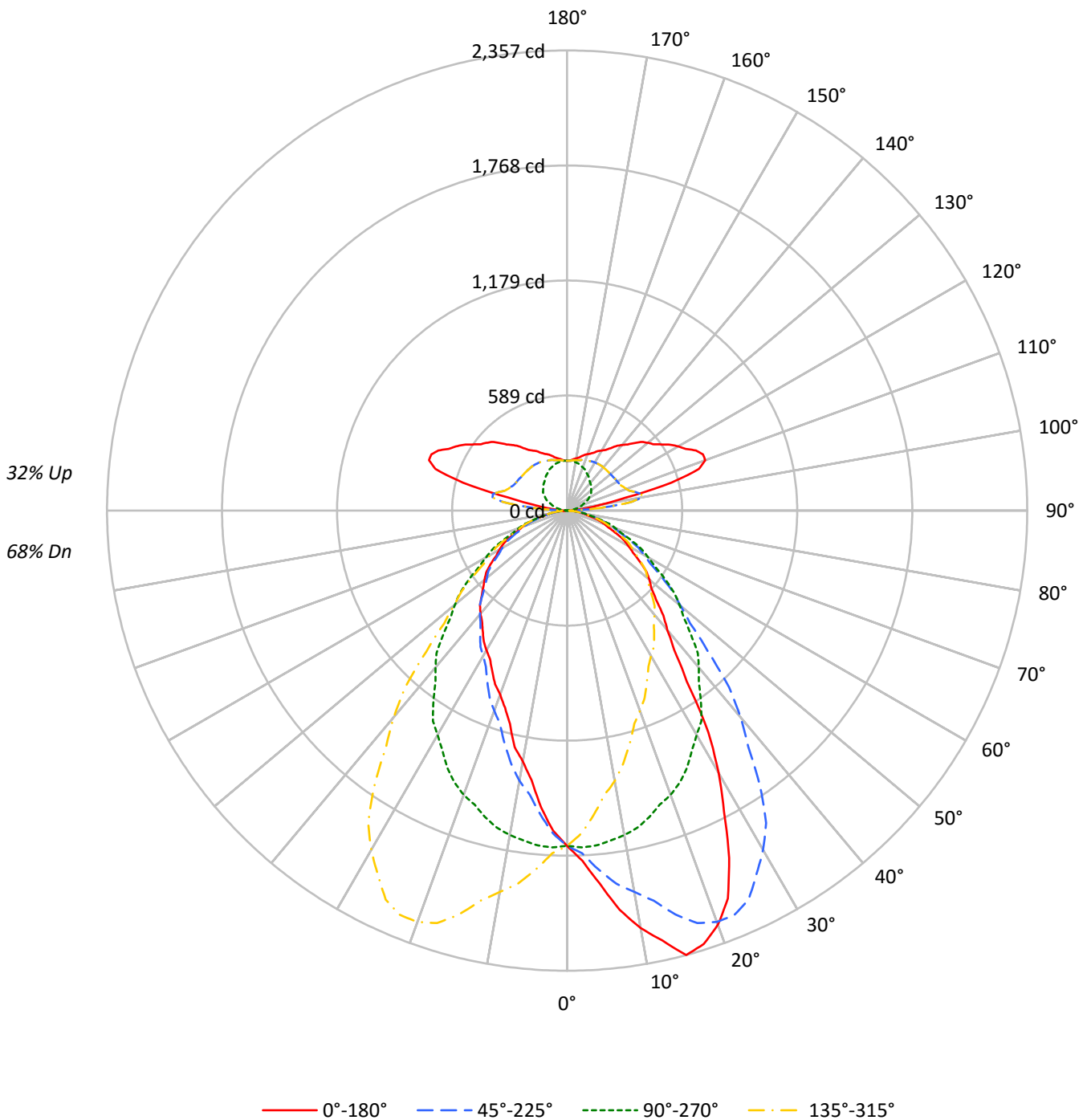
Input Watts (W): 55.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

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 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 83 | 83 | 83 | 73 | 73 | 73 | 68 |
| 1 | 102 | 98 | 95 | 91 | 97 | 93 | 90 | 87 | 83 | 80 | 78 | 74 | 72 | 70 | 65 | 64 | 63 | 59 |
| 2 | 94 | 87 | 81 | 76 | 88 | 82 | 77 | 72 | 73 | 69 | 66 | 66 | 62 | 60 | 58 | 56 | 54 | 50 |
| 3 | 86 | 77 | 70 | 64 | 81 | 73 | 66 | 61 | 65 | 60 | 56 | 59 | 55 | 51 | 52 | 49 | 47 | 43 |
| 4 | 79 | 68 | 61 | 55 | 75 | 65 | 58 | 53 | 59 | 53 | 49 | 53 | 48 | 45 | 47 | 44 | 41 | 38 |
| 5 | 73 | 61 | 53 | 47 | 69 | 59 | 51 | 46 | 53 | 47 | 42 | 48 | 43 | 39 | 43 | 39 | 36 | 33 |
| 6 | 68 | 56 | 47 | 42 | 64 | 53 | 46 | 40 | 48 | 42 | 37 | 43 | 38 | 35 | 39 | 35 | 32 | 30 |
| 7 | 63 | 50 | 43 | 37 | 59 | 48 | 41 | 36 | 44 | 38 | 33 | 40 | 35 | 31 | 36 | 32 | 29 | 26 |
| 8 | 58 | 46 | 38 | 33 | 55 | 44 | 37 | 32 | 40 | 34 | 30 | 37 | 32 | 28 | 33 | 29 | 26 | 24 |
| 9 | 55 | 42 | 35 | 30 | 52 | 41 | 34 | 29 | 37 | 31 | 27 | 34 | 29 | 25 | 31 | 27 | 24 | 22 |
| 10 | 51 | 39 | 32 | 27 | 48 | 37 | 31 | 26 | 34 | 29 | 25 | 31 | 27 | 23 | 29 | 25 | 22 | 20 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 27719 | 27719 | 27719 | 27719 |
| 5° | 31076 | 27901 | 24725 | 27901 |
| 10° | 35611 | 27671 | 21397 | 27671 |
| 15° | 39397 | 27164 | 18903 | 27164 |
| 20° | 38797 | 26620 | 17234 | 26620 |
| 25° | 34983 | 25896 | 16174 | 25896 |
| 30° | 28909 | 24738 | 15401 | 24738 |
| 35° | 21068 | 23526 | 14852 | 23526 |
| 40° | 16828 | 22097 | 14547 | 22097 |
| 45° | 14705 | 20445 | 14132 | 20445 |
| 50° | 13823 | 18844 | 13855 | 18844 |
| 55° | 12740 | 17219 | 13486 | 17219 |
| 60° | 11677 | 15490 | 12910 | 15490 |
| 65° | 10636 | 13941 | 12351 | 13941 |
| 70° | 9659 | 12430 | 11528 | 12430 |
| 75° | 8559 | 10742 | 10212 | 10742 |
| 80° | 7364 | 8898 | 8219 | 8898 |
| 85° | 6595 | 6595 | 4891 | 6595 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 163.5 | 2.9 |
| 10°-20° | 475.3 | 8.5 |
| 20°-30° | 689.9 | 12.4 |
| 30°-40° | 728.0 | 13.1 |
| 40°-50° | 644.6 | 11.6 |
| 50°-60° | 514.4 | 9.2 |
| 60°-70° | 349.6 | 6.3 |
| 70°-80° | 179.3 | 3.2 |
| 80°-90° | 45.5 | 0.8 |
| 90°-100° | 102.1 | 1.8 |
| 100°-110° | 346.4 | 6.2 |
| 110°-120° | 368.0 | 6.6 |
| 120°-130° | 303.0 | 5.4 |
| 130°-140° | 243.3 | 4.4 |
| 140°-150° | 183.9 | 3.3 |
| 150°-160° | 129.2 | 2.3 |
| 160°-170° | 76.1 | 1.4 |
| 170°-180° | 24.8 | 0.4 |
| 0°-30° | 1328.7 | 23.9 |
| 0°-40° | 2056.7 | 36.9 |
| 0°-60° | 3215.7 | 57.8 |
| 0°-90° | 3790.1 | 68.1 |
| 90°-120° | 816.6 | 14.7 |
| 90°-150° | 1546.7 | 27.8 |
| 90°-180° | 1777.0 | 31.9 |
| 0°-180° | 5566.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1717 | 1717 | 1717 | 1717 | 1717 | |
| 5° | 1917 | 1722 | 1526 | 1722 | 1917 | 191 |
| 15° | 2357 | 1625 | 1131 | 1625 | 2357 | 650 |
| 25° | 1964 | 1454 | 908 | 1454 | 1964 | 888 |
| 35° | 1069 | 1194 | 754 | 1194 | 1069 | 695 |
| 45° | 644 | 895 | 619 | 895 | 644 | 506 |
| 55° | 453 | 612 | 479 | 612 | 453 | 406 |
| 65° | 278 | 365 | 323 | 365 | 278 | 277 |
| 75° | 137 | 172 | 164 | 172 | 137 | 147 |
| 85° | 36 | 36 | 26 | 36 | 36 | 39 |
| 90° | 16 | 0 | 16 | 0 | 16 | 10 |
| 95° | 56 | 17 | 56 | 17 | 56 | 73 |
| 105° | 553 | 60 | 553 | 60 | 553 | 535 |
| 115° | 728 | 106 | 728 | 106 | 728 | 713 |
| 125° | 591 | 147 | 591 | 147 | 591 | 534 |
| 135° | 490 | 173 | 490 | 173 | 490 | 380 |
| 145° | 391 | 197 | 391 | 197 | 391 | 248 |
| 155° | 328 | 224 | 328 | 224 | 328 | 153 |
| 165° | 288 | 244 | 288 | 244 | 288 | 82 |
| 175° | 260 | 255 | 260 | 255 | 260 | 25 |
| 180° | 255 | 255 | 255 | 255 | 255 | |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 |
| 2.5° | 1796.0 | 1796.6 | 1797.6 | 1789.2 | 1788.1 | 1788.1 | 1780.7 | 1774.4 | 1767.0 | 1757.0 | 1758.1 |
| 5° | 1917.4 | 1924.7 | 1927.3 | 1919.4 | 1907.5 | 1906.3 | 1895.1 | 1876.5 | 1859.4 | 1845.6 | 1835.7 |
| 7.5° | 2062.4 | 2065.3 | 2058.8 | 2048.4 | 2039.5 | 2023.7 | 2002.9 | 1982.4 | 1953.8 | 1927.5 | 1908.0 |
| 10° | 2172.1 | 2176.1 | 2164.9 | 2149.7 | 2137.2 | 2118.7 | 2088.4 | 2057.4 | 2019.7 | 1983.5 | 1954.4 |
| 12.5° | 2255.6 | 2265.3 | 2250.9 | 2248.9 | 2227.5 | 2202.1 | 2165.9 | 2150.3 | 2097.3 | 2046.8 | 2015.7 |
| 15° | 2356.9 | 2356.2 | 2357.6 | 2345.0 | 2329.2 | 2325.2 | 2287.0 | 2245.4 | 2170.8 | 2141.1 | 2089.6 |
| 17.5° | 2327.6 | 2337.6 | 2342.3 | 2342.1 | 2341.7 | 2339.3 | 2326.9 | 2300.7 | 2263.3 | 2215.2 | 2155.8 |
| 20° | 2258.0 | 2271.1 | 2273.1 | 2288.3 | 2296.9 | 2308.1 | 2312.7 | 2305.4 | 2282.3 | 2242.1 | 2190.6 |
| 22.5° | 2150.3 | 2154.0 | 2160.2 | 2183.8 | 2202.4 | 2230.5 | 2245.1 | 2269.5 | 2260.7 | 2241.0 | 2198.0 |
| 25° | 1963.7 | 1957.1 | 1980.1 | 1992.0 | 2034.9 | 2079.7 | 2112.1 | 2147.8 | 2179.4 | 2198.6 | 2186.0 |
| 27.5° | 1739.6 | 1729.7 | 1764.3 | 1795.8 | 1830.7 | 1879.2 | 1929.6 | 1989.1 | 2038.6 | 2100.5 | 2121.8 |
| 30° | 1550.6 | 1556.5 | 1589.5 | 1623.2 | 1675.9 | 1744.6 | 1801.3 | 1866.6 | 1937.2 | 2006.6 | 2054.7 |
| 32.5° | 1346.9 | 1369.7 | 1390.5 | 1442.1 | 1488.6 | 1565.1 | 1648.2 | 1729.9 | 1818.0 | 1896.8 | 1971.3 |
| 35° | 1068.9 | 1095.3 | 1124.4 | 1161.9 | 1227.3 | 1303.1 | 1384.3 | 1494.5 | 1614.6 | 1722.2 | 1810.6 |
| 37.5° | 899.7 | 895.5 | 912.1 | 939.4 | 992.2 | 1053.5 | 1146.9 | 1255.8 | 1397.1 | 1523.5 | 1648.2 |
| 40° | 798.4 | 795.7 | 807.6 | 832.7 | 873.0 | 917.8 | 999.6 | 1095.3 | 1226.6 | 1381.0 | 1529.5 |
| 42.5° | 728.8 | 730.3 | 736.9 | 754.6 | 782.1 | 819.1 | 880.4 | 961.7 | 1082.0 | 1227.4 | 1387.0 |
| 45° | 644.0 | 648.6 | 655.9 | 664.4 | 680.3 | 710.7 | 744.9 | 803.1 | 898.0 | 1019.4 | 1176.5 |
| 47.5° | 583.0 | 583.2 | 590.6 | 598.1 | 607.4 | 624.6 | 652.6 | 689.0 | 756.0 | 854.9 | 989.9 |
| 50° | 550.3 | 545.7 | 551.0 | 556.9 | 566.8 | 578.7 | 597.1 | 631.5 | 676.3 | 756.1 | 869.0 |
| 52.5° | 510.1 | 510.3 | 515.1 | 517.3 | 526.2 | 538.0 | 554.9 | 578.7 | 619.3 | 681.7 | 774.5 |
| 55° | 452.6 | 455.9 | 458.6 | 462.5 | 470.5 | 479.1 | 492.2 | 508.1 | 539.8 | 586.6 | 655.2 |
| 57.5° | 398.6 | 399.6 | 402.3 | 409.7 | 414.7 | 422.7 | 435.2 | 449.6 | 470.2 | 504.9 | 556.5 |
| 60° | 361.6 | 361.6 | 366.9 | 370.1 | 376.8 | 384.7 | 394.6 | 408.5 | 426.9 | 455.3 | 496.9 |
| 62.5° | 327.8 | 327.3 | 329.4 | 334.8 | 339.8 | 347.2 | 357.1 | 368.9 | 386.2 | 411.5 | 445.7 |
| 65° | 278.4 | 277.2 | 281.1 | 282.4 | 287.7 | 295.0 | 302.9 | 315.4 | 329.2 | 347.8 | 378.1 |
| 67.5° | 230.9 | 232.6 | 234.6 | 237.1 | 240.0 | 247.7 | 253.0 | 261.8 | 273.5 | 288.9 | 309.4 |
| 70° | 204.6 | 204.6 | 204.6 | 206.6 | 210.5 | 214.5 | 219.7 | 227.0 | 238.2 | 251.4 | 269.8 |
| 72.5° | 175.0 | 177.1 | 179.2 | 178.1 | 183.0 | 185.4 | 191.7 | 195.9 | 206.6 | 215.0 | 231.4 |
| 75° | 137.2 | 137.2 | 137.2 | 140.5 | 142.5 | 144.5 | 148.4 | 152.4 | 157.7 | 168.2 | 176.8 |
| 77.5° | 102.4 | 102.1 | 102.8 | 103.6 | 105.7 | 108.1 | 109.3 | 112.8 | 117.7 | 122.6 | 129.8 |
| 80° | 79.2 | 80.5 | 81.2 | 82.5 | 82.5 | 83.8 | 84.5 | 89.1 | 92.4 | 95.7 | 100.3 |
| 82.5° | 61.2 | 61.5 | 61.6 | 61.9 | 62.4 | 63.2 | 64.9 | 66.4 | 67.6 | 70.3 | 73.9 |
| 85° | 35.6 | 35.0 | 35.0 | 36.2 | 35.6 | 35.6 | 36.9 | 38.2 | 38.2 | 38.9 | 40.9 |
| 87.5° | 17.0 | 17.0 | 17.5 | 17.0 | 17.0 | 17.4 | 17.2 | 16.9 | 17.5 | 18.1 | 18.5 |
| 90° | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 | 15.7 | 14.7 | 15.7 | 16.2 | 16.7 | 16.2 |
| 92.5° | 27.2 | 28.0 | 27.6 | 29.2 | 29.5 | 32.6 | 36.8 | 42.8 | 53.9 | 63.8 | 62.9 |
| 95° | 56.0 | 55.4 | 57.0 | 60.9 | 67.2 | 78.1 | 98.7 | 128.6 | 168.4 | 192.5 | 170.4 |
| 97.5° | 110.2 | 114.3 | 121.5 | 133.5 | 157.0 | 192.5 | 245.6 | 300.2 | 344.7 | 328.6 | 247.5 |
| 100° | 175.8 | 184.6 | 198.9 | 220.0 | 260.7 | 320.1 | 387.4 | 448.3 | 458.6 | 387.9 | 267.1 |
| 102.5° | 309.4 | 321.3 | 339.1 | 375.1 | 419.4 | 482.4 | 531.6 | 545.4 | 501.0 | 389.9 | 259.7 |
| 105° | 553.4 | 560.3 | 581.3 | 611.8 | 642.2 | 658.5 | 652.0 | 596.6 | 494.5 | 363.9 | 245.0 |
| 107.5° | 706.9 | 716.0 | 720.2 | 721.9 | 718.1 | 694.3 | 643.3 | 559.6 | 451.3 | 336.0 | 237.7 |
| 110° | 753.2 | 753.7 | 749.3 | 739.9 | 718.8 | 678.6 | 615.7 | 527.9 | 424.2 | 322.6 | 236.2 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 752.4 | 749.8 | 741.4 | 725.8 | 696.5 | 650.3 | 583.2 | 498.8 | 405.4 | 313.9 | 236.6 |
| 115° | 728.1 | 723.8 | 711.0 | 688.4 | 653.6 | 603.0 | 538.6 | 463.0 | 382.0 | 304.4 | 238.7 |
| 117.5° | 684.8 | 681.1 | 667.7 | 643.9 | 608.3 | 560.9 | 502.5 | 436.1 | 367.3 | 299.8 | 242.2 |
| 120° | 656.9 | 652.0 | 637.8 | 614.8 | 580.4 | 535.7 | 483.6 | 422.8 | 359.5 | 297.0 | 244.5 |
| 122.5° | 627.9 | 623.8 | 611.1 | 588.4 | 557.6 | 517.2 | 468.0 | 412.2 | 352.8 | 295.5 | 247.3 |
| 125° | 590.7 | 586.8 | 574.5 | 555.9 | 527.4 | 490.5 | 447.3 | 396.7 | 343.2 | 292.7 | 251.4 |
| 127.5° | 558.1 | 554.9 | 544.3 | 526.8 | 502.0 | 468.0 | 427.3 | 381.5 | 334.4 | 291.0 | 255.6 |
| 130° | 539.6 | 535.7 | 525.9 | 509.2 | 485.1 | 452.7 | 414.0 | 371.7 | 328.5 | 290.2 | 258.7 |
| 132.5° | 520.4 | 516.9 | 507.8 | 491.1 | 467.4 | 437.0 | 401.4 | 362.3 | 323.7 | 289.8 | 261.9 |
| 135° | 489.6 | 487.6 | 478.7 | 462.5 | 441.4 | 414.0 | 381.5 | 349.1 | 317.2 | 289.2 | 265.6 |
| 137.5° | 459.3 | 456.3 | 448.6 | 434.6 | 415.4 | 391.4 | 365.8 | 338.6 | 312.5 | 289.1 | 269.0 |
| 140° | 438.5 | 435.5 | 428.2 | 415.4 | 399.7 | 378.1 | 355.5 | 331.9 | 309.9 | 288.7 | 270.5 |
| 142.5° | 417.7 | 417.1 | 410.5 | 398.9 | 384.0 | 365.9 | 346.5 | 326.4 | 307.1 | 288.7 | 271.7 |
| 145° | 390.8 | 389.3 | 384.4 | 376.1 | 364.4 | 350.1 | 334.8 | 318.7 | 303.4 | 287.7 | 273.0 |
| 147.5° | 368.3 | 367.5 | 364.1 | 357.5 | 347.8 | 337.3 | 325.5 | 312.7 | 299.7 | 285.9 | 273.4 |
| 150° | 355.0 | 354.5 | 351.5 | 345.7 | 338.3 | 329.5 | 319.2 | 308.3 | 296.6 | 284.8 | 273.0 |
| 152.5° | 343.6 | 343.5 | 341.4 | 336.2 | 330.5 | 322.8 | 314.1 | 304.0 | 293.9 | 282.8 | 272.2 |
| 155° | 328.5 | 329.5 | 327.5 | 324.1 | 318.7 | 313.2 | 305.9 | 298.1 | 288.7 | 279.4 | 271.0 |
| 157.5° | 315.6 | 315.6 | 314.8 | 311.9 | 308.1 | 303.8 | 297.6 | 291.1 | 283.9 | 275.9 | 268.8 |
| 160° | 307.4 | 307.4 | 306.9 | 304.4 | 301.0 | 297.6 | 292.1 | 286.7 | 280.3 | 273.5 | 267.6 |
| 162.5° | 299.5 | 299.9 | 299.5 | 297.7 | 294.3 | 291.7 | 287.1 | 282.4 | 277.2 | 271.6 | 266.4 |
| 165° | 288.3 | 288.7 | 288.7 | 286.7 | 284.8 | 282.8 | 279.4 | 276.0 | 272.0 | 267.6 | 264.2 |
| 167.5° | 277.8 | 278.4 | 278.5 | 277.4 | 276.6 | 274.7 | 272.4 | 269.8 | 266.9 | 264.2 | 261.9 |
| 170° | 271.6 | 272.5 | 273.0 | 271.6 | 271.0 | 270.1 | 268.1 | 266.7 | 264.2 | 262.2 | 260.7 |
| 172.5° | 266.4 | 267.0 | 267.5 | 266.8 | 266.3 | 265.7 | 264.2 | 263.1 | 261.4 | 259.8 | 259.2 |
| 175° | 259.8 | 260.7 | 261.2 | 260.7 | 260.7 | 260.3 | 259.8 | 259.2 | 257.8 | 257.3 | 256.8 |
| 177.5° | 255.7 | 256.5 | 256.9 | 256.9 | 256.9 | 256.9 | 256.5 | 256.5 | 255.7 | 255.3 | 255.7 |
| 180° | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 |
| 2.5° | 1761.8 | 1757.6 | 1754.9 | 1745.4 | 1736.9 | 1728.5 | 1725.9 | 1726.9 | 1715.3 | 1704.2 | 1699.4 |
| 5° | 1830.4 | 1817.1 | 1804.7 | 1786.8 | 1765.7 | 1742.6 | 1730.7 | 1721.5 | 1698.4 | 1673.4 | 1658.8 |
| 7.5° | 1891.9 | 1873.0 | 1848.8 | 1815.3 | 1784.6 | 1748.3 | 1725.2 | 1704.7 | 1670.9 | 1635.6 | 1613.9 |
| 10° | 1929.3 | 1903.6 | 1872.6 | 1831.7 | 1794.1 | 1749.9 | 1718.8 | 1687.8 | 1648.2 | 1606.0 | 1579.6 |
| 12.5° | 1961.5 | 1926.8 | 1896.4 | 1843.8 | 1799.3 | 1744.0 | 1707.3 | 1663.5 | 1621.9 | 1571.7 | 1545.8 |
| 15° | 2038.2 | 1974.2 | 1916.2 | 1856.7 | 1802.0 | 1724.8 | 1683.9 | 1625.1 | 1570.4 | 1508.4 | 1478.7 |
| 17.5° | 2097.5 | 2025.5 | 1934.1 | 1858.6 | 1794.8 | 1709.3 | 1649.2 | 1578.8 | 1514.1 | 1443.2 | 1402.8 |
| 20° | 2131.2 | 2048.7 | 1950.4 | 1860.7 | 1784.2 | 1686.5 | 1621.2 | 1549.3 | 1473.4 | 1393.5 | 1350.0 |
| 22.5° | 2151.3 | 2064.6 | 1967.4 | 1852.8 | 1763.1 | 1668.0 | 1585.8 | 1507.0 | 1430.1 | 1343.9 | 1298.3 |
| 25° | 2157.7 | 2078.5 | 1975.6 | 1846.2 | 1736.6 | 1629.1 | 1530.2 | 1453.6 | 1360.6 | 1280.0 | 1213.4 |
| 27.5° | 2126.2 | 2069.5 | 1970.5 | 1833.8 | 1706.2 | 1580.5 | 1470.1 | 1383.4 | 1285.2 | 1197.8 | 1130.8 |
| 30° | 2087.7 | 2054.7 | 1958.3 | 1821.1 | 1681.9 | 1546.6 | 1425.2 | 1326.9 | 1229.2 | 1140.8 | 1072.2 |
| 32.5° | 2028.1 | 2020.9 | 1936.2 | 1803.2 | 1656.0 | 1503.9 | 1378.3 | 1278.8 | 1170.7 | 1083.8 | 1018.4 |
| 35° | 1910.9 | 1942.5 | 1889.1 | 1763.1 | 1607.3 | 1443.0 | 1307.1 | 1193.6 | 1081.5 | 998.3 | 936.9 |
| 37.5° | 1753.9 | 1832.5 | 1818.5 | 1704.3 | 1541.6 | 1376.8 | 1226.8 | 1108.1 | 1001.3 | 917.3 | 857.1 |
| 40° | 1645.6 | 1745.9 | 1760.4 | 1659.5 | 1495.2 | 1325.6 | 1166.6 | 1048.4 | 944.2 | 867.7 | 806.9 |
| 42.5° | 1529.5 | 1646.7 | 1686.5 | 1605.6 | 1444.5 | 1271.8 | 1112.8 | 990.4 | 887.2 | 812.8 | 759.0 |
| 45° | 1334.8 | 1489.9 | 1561.9 | 1515.6 | 1359.9 | 1183.1 | 1019.4 | 895.4 | 801.7 | 731.8 | 690.2 |
| 47.5° | 1152.9 | 1322.3 | 1419.0 | 1402.7 | 1265.8 | 1090.7 | 928.9 | 809.9 | 718.7 | 662.9 | 625.7 |
| 50° | 1024.1 | 1198.3 | 1315.0 | 1320.3 | 1198.3 | 1024.7 | 862.4 | 750.2 | 666.4 | 614.3 | 583.9 |
| 52.5° | 912.1 | 1078.4 | 1205.7 | 1233.7 | 1122.7 | 956.1 | 802.7 | 691.1 | 617.3 | 569.5 | 542.3 |
| 55° | 766.0 | 906.6 | 1047.8 | 1099.2 | 1010.2 | 851.9 | 710.0 | 611.7 | 542.3 | 509.4 | 485.6 |
| 57.5° | 636.9 | 754.1 | 884.4 | 941.3 | 886.4 | 750.9 | 617.9 | 532.4 | 476.3 | 447.4 | 429.1 |
| 60° | 568.8 | 661.2 | 777.3 | 845.2 | 797.7 | 677.0 | 560.9 | 479.7 | 433.5 | 407.8 | 390.6 |
| 62.5° | 505.4 | 587.3 | 685.4 | 747.6 | 721.7 | 607.9 | 503.9 | 432.2 | 392.4 | 368.2 | 355.8 |
| 65° | 417.0 | 481.6 | 557.6 | 614.9 | 597.8 | 511.3 | 426.3 | 364.9 | 333.2 | 314.1 | 304.2 |
| 67.5° | 343.4 | 390.1 | 442.7 | 493.0 | 479.1 | 417.9 | 349.6 | 301.8 | 278.2 | 261.7 | 255.7 |
| 70° | 297.0 | 332.5 | 379.4 | 419.7 | 408.5 | 358.3 | 304.2 | 263.3 | 242.8 | 228.9 | 223.0 |
| 72.5° | 252.6 | 281.9 | 317.6 | 350.5 | 342.9 | 301.3 | 256.1 | 225.2 | 209.6 | 196.7 | 191.9 |
| 75° | 190.7 | 213.1 | 234.9 | 256.7 | 254.7 | 222.4 | 196.0 | 172.2 | 159.7 | 149.8 | 147.8 |
| 77.5° | 140.8 | 153.3 | 168.2 | 181.1 | 177.5 | 159.0 | 138.3 | 124.7 | 115.5 | 108.8 | 107.8 |
| 80° | 107.5 | 114.8 | 125.4 | 134.6 | 130.0 | 122.1 | 105.6 | 95.7 | 89.1 | 82.5 | 79.8 |
| 82.5° | 78.0 | 85.2 | 91.6 | 96.6 | 93.1 | 85.7 | 75.5 | 68.8 | 64.8 | 60.3 | 59.2 |
| 85° | 40.9 | 44.9 | 47.5 | 48.8 | 47.5 | 42.9 | 38.2 | 35.6 | 32.4 | 30.4 | 29.7 |
| 87.5° | 18.5 | 17.8 | 17.3 | 18.1 | 16.3 | 16.1 | 13.6 | 11.7 | 11.5 | 11.4 | 10.5 |
| 90° | 13.3 | 9.8 | 7.4 | 5.9 | 4.9 | 4.0 | 2.0 | 0.5 | 2.0 | 4.0 | 4.9 |
| 92.5° | 49.0 | 33.4 | 22.3 | 17.7 | 14.4 | 12.1 | 8.6 | 6.0 | 8.6 | 12.1 | 14.4 |
| 95° | 113.4 | 70.7 | 48.1 | 36.3 | 28.5 | 24.0 | 19.1 | 17.2 | 19.1 | 24.0 | 28.5 |
| 97.5° | 152.8 | 93.3 | 64.9 | 51.6 | 42.5 | 35.8 | 30.7 | 28.0 | 30.7 | 35.8 | 42.5 |
| 100° | 161.1 | 101.2 | 75.2 | 61.4 | 51.6 | 43.7 | 39.3 | 37.8 | 39.3 | 43.7 | 51.6 |
| 102.5° | 161.4 | 108.2 | 84.1 | 70.4 | 60.2 | 52.3 | 48.0 | 46.8 | 48.0 | 52.3 | 60.2 |
| 105° | 164.0 | 120.3 | 97.2 | 83.4 | 72.7 | 65.3 | 61.9 | 59.9 | 61.9 | 65.3 | 72.7 |
| 107.5° | 170.7 | 132.7 | 110.3 | 96.4 | 85.8 | 79.0 | 75.6 | 74.0 | 75.6 | 79.0 | 85.8 |
| 110° | 176.2 | 140.9 | 119.3 | 105.0 | 94.8 | 88.4 | 85.4 | 83.4 | 85.4 | 88.4 | 94.8 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 182.2 | 148.8 | 127.9 | 113.3 | 103.4 | 97.4 | 94.1 | 92.1 | 94.1 | 97.4 | 103.4 |
| 115° | 191.0 | 161.1 | 139.9 | 126.7 | 116.8 | 111.0 | 108.1 | 105.6 | 108.1 | 111.0 | 116.8 |
| 117.5° | 200.4 | 172.4 | 152.8 | 139.1 | 129.7 | 124.4 | 121.5 | 119.5 | 121.5 | 124.4 | 129.7 |
| 120° | 206.7 | 180.2 | 161.1 | 147.3 | 137.5 | 133.0 | 130.1 | 128.1 | 130.1 | 133.0 | 137.5 |
| 122.5° | 212.2 | 187.7 | 169.7 | 155.6 | 145.8 | 140.9 | 138.0 | 136.4 | 138.0 | 140.9 | 145.8 |
| 125° | 220.9 | 198.9 | 181.2 | 167.5 | 157.6 | 151.7 | 148.8 | 147.3 | 148.8 | 151.7 | 157.6 |
| 127.5° | 229.1 | 209.3 | 192.1 | 178.0 | 168.5 | 162.0 | 157.9 | 155.9 | 157.9 | 162.0 | 168.5 |
| 130° | 234.2 | 215.6 | 198.4 | 184.6 | 174.8 | 167.9 | 163.0 | 161.1 | 163.0 | 167.9 | 174.8 |
| 132.5° | 239.4 | 221.0 | 204.7 | 190.9 | 180.7 | 173.4 | 168.2 | 165.7 | 168.2 | 173.4 | 180.7 |
| 135° | 246.0 | 228.9 | 213.1 | 199.3 | 188.0 | 180.7 | 174.8 | 172.8 | 174.8 | 180.7 | 188.0 |
| 137.5° | 251.1 | 235.1 | 219.6 | 206.8 | 195.6 | 187.8 | 181.8 | 179.5 | 181.8 | 187.8 | 195.6 |
| 140° | 253.8 | 238.7 | 223.9 | 211.1 | 200.4 | 192.5 | 186.6 | 184.6 | 186.6 | 192.5 | 200.4 |
| 142.5° | 256.2 | 241.4 | 227.0 | 215.1 | 204.7 | 196.8 | 191.3 | 189.8 | 191.3 | 196.8 | 204.7 |
| 145° | 259.2 | 245.5 | 232.2 | 221.4 | 211.6 | 204.2 | 199.3 | 197.4 | 199.3 | 204.2 | 211.6 |
| 147.5° | 261.0 | 248.8 | 236.3 | 226.8 | 218.6 | 211.8 | 207.1 | 205.6 | 207.1 | 211.8 | 218.6 |
| 150° | 261.7 | 250.4 | 239.1 | 230.3 | 222.9 | 216.5 | 212.6 | 211.1 | 212.6 | 216.5 | 222.9 |
| 152.5° | 262.1 | 252.0 | 241.9 | 233.8 | 226.9 | 221.3 | 217.3 | 216.6 | 217.3 | 221.3 | 226.9 |
| 155° | 262.7 | 254.3 | 246.0 | 238.7 | 233.2 | 227.8 | 224.9 | 224.4 | 224.9 | 227.8 | 233.2 |
| 157.5° | 262.7 | 256.0 | 248.9 | 242.8 | 238.4 | 233.8 | 231.4 | 230.8 | 231.4 | 233.8 | 238.4 |
| 160° | 262.7 | 256.8 | 250.9 | 245.5 | 241.6 | 237.6 | 235.7 | 235.2 | 235.7 | 237.6 | 241.6 |
| 162.5° | 262.3 | 257.2 | 252.1 | 247.9 | 244.4 | 241.2 | 239.2 | 239.5 | 239.2 | 241.2 | 244.4 |
| 165° | 261.2 | 257.8 | 253.4 | 250.4 | 248.0 | 245.0 | 244.0 | 244.5 | 244.0 | 245.0 | 248.0 |
| 167.5° | 260.5 | 257.7 | 254.4 | 252.6 | 250.8 | 248.9 | 248.1 | 248.7 | 248.1 | 248.9 | 250.8 |
| 170° | 259.8 | 257.3 | 254.9 | 253.4 | 252.4 | 250.9 | 250.4 | 251.4 | 250.4 | 250.9 | 252.4 |
| 172.5° | 258.6 | 256.9 | 255.2 | 254.2 | 253.6 | 252.1 | 252.4 | 253.0 | 252.4 | 252.1 | 253.6 |
| 175° | 257.3 | 256.3 | 255.3 | 254.9 | 254.9 | 253.8 | 254.3 | 254.9 | 254.3 | 253.8 | 254.9 |
| 177.5° | 256.5 | 255.7 | 255.3 | 255.3 | 255.3 | 254.5 | 254.9 | 255.7 | 254.9 | 254.5 | 255.3 |
| 180° | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 |
| 2.5° | 1694.2 | 1691.0 | 1679.9 | 1674.1 | 1664.7 | 1655.6 | 1649.8 | 1652.5 | 1654.6 | 1653.6 | 1651.9 |
| 5° | 1645.6 | 1633.1 | 1613.9 | 1597.4 | 1585.5 | 1563.8 | 1554.5 | 1550.0 | 1546.0 | 1541.4 | 1536.7 |
| 7.5° | 1587.8 | 1568.1 | 1540.6 | 1517.1 | 1494.9 | 1467.8 | 1452.4 | 1443.2 | 1433.7 | 1423.2 | 1414.0 |
| 10° | 1546.6 | 1518.9 | 1489.9 | 1456.9 | 1430.6 | 1406.1 | 1384.3 | 1369.8 | 1356.6 | 1344.1 | 1334.8 |
| 12.5° | 1503.4 | 1471.4 | 1435.5 | 1390.4 | 1361.3 | 1326.4 | 1323.1 | 1297.5 | 1276.9 | 1269.1 | 1258.3 |
| 15° | 1434.4 | 1389.6 | 1344.1 | 1290.6 | 1267.6 | 1235.9 | 1216.1 | 1196.3 | 1178.5 | 1165.9 | 1162.6 |
| 17.5° | 1356.2 | 1298.1 | 1252.8 | 1214.4 | 1176.6 | 1144.2 | 1125.9 | 1110.1 | 1095.5 | 1078.7 | 1076.4 |
| 20° | 1296.6 | 1246.4 | 1197.0 | 1163.3 | 1124.4 | 1091.3 | 1068.9 | 1053.1 | 1040.5 | 1030.6 | 1022.1 |
| 22.5° | 1240.1 | 1185.2 | 1139.9 | 1103.1 | 1064.7 | 1038.0 | 1020.4 | 1005.0 | 994.6 | 983.7 | 975.6 |
| 25° | 1149.4 | 1106.6 | 1057.0 | 1015.5 | 983.8 | 966.6 | 952.1 | 938.9 | 932.4 | 925.1 | 915.8 |
| 27.5° | 1070.1 | 1022.4 | 976.1 | 943.9 | 916.1 | 901.0 | 890.6 | 881.7 | 875.5 | 871.2 | 866.0 |
| 30° | 1014.2 | 966.0 | 929.7 | 898.0 | 874.9 | 859.8 | 853.2 | 847.9 | 840.6 | 838.0 | 835.3 |
| 32.5° | 960.3 | 916.9 | 885.9 | 858.4 | 836.4 | 826.5 | 820.4 | 815.7 | 810.0 | 807.4 | 802.1 |
| 35° | 884.2 | 847.9 | 817.5 | 802.4 | 784.5 | 775.9 | 771.4 | 764.7 | 759.5 | 756.8 | 756.1 |
| 37.5° | 812.5 | 781.0 | 761.0 | 741.5 | 734.0 | 728.8 | 722.4 | 717.9 | 716.4 | 715.9 | 715.2 |
| 40° | 766.0 | 740.3 | 722.6 | 706.7 | 703.4 | 695.4 | 690.2 | 686.2 | 686.2 | 686.9 | 686.2 |
| 42.5° | 723.8 | 700.8 | 685.0 | 671.3 | 667.4 | 662.7 | 657.5 | 657.2 | 658.2 | 660.5 | 658.2 |
| 45° | 659.9 | 643.3 | 632.1 | 625.5 | 618.3 | 613.6 | 612.9 | 614.9 | 615.6 | 616.3 | 618.3 |
| 47.5° | 601.0 | 590.0 | 579.9 | 572.6 | 569.5 | 568.6 | 567.8 | 571.3 | 574.5 | 575.7 | 578.7 |
| 50° | 566.1 | 553.6 | 545.0 | 540.4 | 537.8 | 536.4 | 537.8 | 541.7 | 544.3 | 547.7 | 549.7 |
| 52.5° | 527.1 | 518.2 | 512.3 | 508.8 | 507.6 | 508.5 | 508.8 | 513.2 | 517.5 | 518.7 | 519.5 |
| 55° | 473.1 | 466.5 | 465.2 | 459.3 | 461.8 | 461.2 | 464.5 | 467.2 | 471.1 | 475.1 | 475.7 |
| 57.5° | 419.2 | 414.0 | 410.4 | 411.0 | 411.7 | 414.7 | 417.4 | 422.1 | 426.3 | 430.5 | 430.8 |
| 60° | 383.4 | 380.7 | 378.8 | 378.8 | 380.0 | 384.0 | 387.3 | 391.9 | 394.6 | 397.2 | 399.2 |
| 62.5° | 350.6 | 348.0 | 346.0 | 347.1 | 350.5 | 352.8 | 356.7 | 359.2 | 361.9 | 364.5 | 365.4 |
| 65° | 298.9 | 297.6 | 299.5 | 300.9 | 301.5 | 304.9 | 309.4 | 311.4 | 314.1 | 315.4 | 320.0 |
| 67.5° | 251.2 | 251.5 | 251.2 | 253.1 | 256.9 | 257.7 | 262.1 | 266.7 | 267.3 | 269.8 | 272.8 |
| 70° | 219.0 | 220.4 | 221.7 | 223.0 | 226.4 | 227.6 | 230.9 | 232.9 | 235.6 | 237.5 | 239.5 |
| 72.5° | 189.5 | 189.8 | 191.1 | 190.8 | 193.6 | 196.5 | 199.2 | 201.2 | 203.9 | 206.4 | 208.4 |
| 75° | 145.9 | 145.9 | 147.1 | 147.8 | 151.1 | 154.4 | 153.8 | 155.1 | 157.7 | 160.3 | 161.7 |
| 77.5° | 106.5 | 105.0 | 106.5 | 107.2 | 108.2 | 111.0 | 111.5 | 113.4 | 116.4 | 115.5 | 116.9 |
| 80° | 81.2 | 79.2 | 81.2 | 81.8 | 81.8 | 85.2 | 85.2 | 86.4 | 88.4 | 86.4 | 88.4 |
| 82.5° | 57.9 | 57.0 | 58.5 | 58.6 | 59.7 | 59.8 | 60.9 | 61.1 | 63.1 | 62.2 | 63.1 |
| 85° | 29.0 | 28.4 | 29.0 | 28.4 | 29.0 | 29.7 | 29.7 | 29.0 | 29.0 | 30.4 | 28.4 |
| 87.5° | 10.2 | 9.9 | 9.9 | 10.6 | 10.6 | 10.2 | 9.6 | 9.5 | 9.3 | 8.4 | 8.5 |
| 90° | 5.9 | 7.4 | 9.8 | 13.3 | 16.2 | 16.7 | 16.2 | 15.7 | 14.7 | 15.7 | 16.2 |
| 92.5° | 17.7 | 22.3 | 33.4 | 49.0 | 62.9 | 63.8 | 53.9 | 42.8 | 36.8 | 32.6 | 29.5 |
| 95° | 36.3 | 48.1 | 70.7 | 113.4 | 170.4 | 192.5 | 168.4 | 128.6 | 98.7 | 78.1 | 67.2 |
| 97.5° | 51.6 | 64.9 | 93.3 | 152.8 | 247.5 | 328.6 | 344.7 | 300.2 | 245.6 | 192.5 | 157.0 |
| 100° | 61.4 | 75.2 | 101.2 | 161.1 | 267.1 | 387.9 | 458.6 | 448.3 | 387.4 | 320.1 | 260.7 |
| 102.5° | 70.4 | 84.1 | 108.2 | 161.4 | 259.7 | 389.9 | 501.0 | 545.4 | 531.6 | 482.4 | 419.4 |
| 105° | 83.4 | 97.2 | 120.3 | 164.0 | 245.0 | 363.9 | 494.5 | 596.6 | 652.0 | 658.5 | 642.2 |
| 107.5° | 96.4 | 110.3 | 132.7 | 170.7 | 237.7 | 336.0 | 451.3 | 559.6 | 643.3 | 694.3 | 718.1 |
| 110° | 105.0 | 119.3 | 140.9 | 176.2 | 236.2 | 322.6 | 424.2 | 527.9 | 615.7 | 678.6 | 718.8 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 113.3 | 127.9 | 148.8 | 182.2 | 236.6 | 313.9 | 405.4 | 498.8 | 583.2 | 650.3 | 696.5 |
| 115° | 126.7 | 139.9 | 161.1 | 191.0 | 238.7 | 304.4 | 382.0 | 463.0 | 538.6 | 603.0 | 653.6 |
| 117.5° | 139.1 | 152.8 | 172.4 | 200.4 | 242.2 | 299.8 | 367.3 | 436.1 | 502.5 | 560.9 | 608.3 |
| 120° | 147.3 | 161.1 | 180.2 | 206.7 | 244.5 | 297.0 | 359.5 | 422.8 | 483.6 | 535.7 | 580.4 |
| 122.5° | 155.6 | 169.7 | 187.7 | 212.2 | 247.3 | 295.5 | 352.8 | 412.2 | 468.0 | 517.2 | 557.6 |
| 125° | 167.5 | 181.2 | 198.9 | 220.9 | 251.4 | 292.7 | 343.2 | 396.7 | 447.3 | 490.5 | 527.4 |
| 127.5° | 178.0 | 192.1 | 209.3 | 229.1 | 255.6 | 291.0 | 334.4 | 381.5 | 427.3 | 468.0 | 502.0 |
| 130° | 184.6 | 198.4 | 215.6 | 234.2 | 258.7 | 290.2 | 328.5 | 371.7 | 414.0 | 452.7 | 485.1 |
| 132.5° | 190.9 | 204.7 | 221.0 | 239.4 | 261.9 | 289.8 | 323.7 | 362.3 | 401.4 | 437.0 | 467.4 |
| 135° | 199.3 | 213.1 | 228.9 | 246.0 | 265.6 | 289.2 | 317.2 | 349.1 | 381.5 | 414.0 | 441.4 |
| 137.5° | 206.8 | 219.6 | 235.1 | 251.1 | 269.0 | 289.1 | 312.5 | 338.6 | 365.8 | 391.4 | 415.4 |
| 140° | 211.1 | 223.9 | 238.7 | 253.8 | 270.5 | 288.7 | 309.9 | 331.9 | 355.5 | 378.1 | 399.7 |
| 142.5° | 215.1 | 227.0 | 241.4 | 256.2 | 271.7 | 288.7 | 307.1 | 326.4 | 346.5 | 365.9 | 384.0 |
| 145° | 221.4 | 232.2 | 245.5 | 259.2 | 273.0 | 287.7 | 303.4 | 318.7 | 334.8 | 350.1 | 364.4 |
| 147.5° | 226.8 | 236.3 | 248.8 | 261.0 | 273.4 | 285.9 | 299.7 | 312.7 | 325.5 | 337.3 | 347.8 |
| 150° | 230.3 | 239.1 | 250.4 | 261.7 | 273.0 | 284.8 | 296.6 | 308.3 | 319.2 | 329.5 | 338.3 |
| 152.5° | 233.8 | 241.9 | 252.0 | 262.1 | 272.2 | 282.8 | 293.9 | 304.0 | 314.1 | 322.8 | 330.5 |
| 155° | 238.7 | 246.0 | 254.3 | 262.7 | 271.0 | 279.4 | 288.7 | 298.1 | 305.9 | 313.2 | 318.7 |
| 157.5° | 242.8 | 248.9 | 256.0 | 262.7 | 268.8 | 275.9 | 283.9 | 291.1 | 297.6 | 303.8 | 308.1 |
| 160° | 245.5 | 250.9 | 256.8 | 262.7 | 267.6 | 273.5 | 280.3 | 286.7 | 292.1 | 297.6 | 301.0 |
| 162.5° | 247.9 | 252.1 | 257.2 | 262.3 | 266.4 | 271.6 | 277.2 | 282.4 | 287.1 | 291.7 | 294.3 |
| 165° | 250.4 | 253.4 | 257.8 | 261.2 | 264.2 | 267.6 | 272.0 | 276.0 | 279.4 | 282.8 | 284.8 |
| 167.5° | 252.6 | 254.4 | 257.7 | 260.5 | 261.9 | 264.2 | 266.9 | 269.8 | 272.4 | 274.7 | 276.6 |
| 170° | 253.4 | 254.9 | 257.3 | 259.8 | 260.7 | 262.2 | 264.2 | 266.7 | 268.1 | 270.1 | 271.0 |
| 172.5° | 254.2 | 255.2 | 256.9 | 258.6 | 259.2 | 259.8 | 261.4 | 263.1 | 264.2 | 265.7 | 266.3 |
| 175° | 254.9 | 255.3 | 256.3 | 257.3 | 256.8 | 257.3 | 257.8 | 259.2 | 259.8 | 260.3 | 260.7 |
| 177.5° | 255.3 | 255.3 | 255.7 | 256.5 | 255.7 | 255.3 | 255.7 | 256.5 | 256.5 | 256.9 | 256.9 |
| 180° | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 |
| 2.5° | 1646.7 | 1645.6 | 1645.6 | 1640.9 | 1645.6 | 1645.6 | 1646.7 | 1651.9 | 1653.6 | 1654.6 | 1652.5 |
| 5° | 1527.5 | 1525.5 | 1522.2 | 1525.5 | 1522.2 | 1525.5 | 1527.5 | 1536.7 | 1541.4 | 1546.0 | 1550.0 |
| 7.5° | 1409.6 | 1401.7 | 1400.6 | 1392.8 | 1400.6 | 1401.7 | 1409.6 | 1414.0 | 1423.2 | 1433.7 | 1443.2 |
| 10° | 1323.6 | 1318.4 | 1317.7 | 1305.1 | 1317.7 | 1318.4 | 1323.6 | 1334.8 | 1344.1 | 1356.6 | 1369.8 |
| 12.5° | 1258.2 | 1245.5 | 1248.0 | 1240.7 | 1248.0 | 1245.5 | 1258.2 | 1258.3 | 1269.1 | 1276.9 | 1297.5 |
| 15° | 1144.8 | 1144.8 | 1142.2 | 1130.9 | 1142.2 | 1144.8 | 1144.8 | 1162.6 | 1165.9 | 1178.5 | 1196.3 |
| 17.5° | 1063.4 | 1062.0 | 1055.8 | 1058.9 | 1055.8 | 1062.0 | 1063.4 | 1076.4 | 1078.7 | 1095.5 | 1110.1 |
| 20° | 1014.8 | 1010.9 | 1003.0 | 1003.0 | 1003.0 | 1010.9 | 1014.8 | 1022.1 | 1030.6 | 1040.5 | 1053.1 |
| 22.5° | 968.9 | 968.6 | 960.2 | 962.9 | 960.2 | 968.6 | 968.9 | 975.6 | 983.7 | 994.6 | 1005.0 |
| 25° | 915.2 | 909.9 | 905.9 | 907.9 | 905.9 | 909.9 | 915.2 | 915.8 | 925.1 | 932.4 | 938.9 |
| 27.5° | 864.3 | 861.3 | 861.1 | 855.7 | 861.1 | 861.3 | 864.3 | 866.0 | 871.2 | 875.5 | 881.7 |
| 30° | 834.7 | 828.1 | 829.4 | 826.1 | 829.4 | 828.1 | 834.7 | 835.3 | 838.0 | 840.6 | 847.9 |
| 32.5° | 800.9 | 798.5 | 797.2 | 794.4 | 797.2 | 798.5 | 800.9 | 802.1 | 807.4 | 810.0 | 815.7 |
| 35° | 754.8 | 755.5 | 752.2 | 753.5 | 752.2 | 755.5 | 754.8 | 756.1 | 756.8 | 759.5 | 764.7 |
| 37.5° | 714.6 | 716.7 | 715.1 | 715.5 | 715.1 | 716.7 | 714.6 | 715.2 | 715.9 | 716.4 | 717.9 |
| 40° | 688.2 | 688.2 | 688.2 | 690.2 | 688.2 | 688.2 | 688.2 | 686.2 | 686.9 | 686.2 | 686.2 |
| 42.5° | 662.9 | 661.9 | 660.7 | 660.6 | 660.7 | 661.9 | 662.9 | 658.2 | 660.5 | 658.2 | 657.2 |
| 45° | 619.6 | 621.6 | 622.2 | 618.9 | 622.2 | 621.6 | 619.6 | 618.3 | 616.3 | 615.6 | 614.9 |
| 47.5° | 580.4 | 580.7 | 580.4 | 583.3 | 580.4 | 580.7 | 580.4 | 578.7 | 575.7 | 574.5 | 571.3 |
| 50° | 552.9 | 551.6 | 552.9 | 551.6 | 552.9 | 551.6 | 552.9 | 549.7 | 547.7 | 544.3 | 541.7 |
| 52.5° | 523.9 | 524.2 | 523.4 | 523.1 | 523.4 | 524.2 | 523.9 | 519.5 | 518.7 | 517.5 | 513.2 |
| 55° | 478.4 | 479.7 | 479.1 | 479.1 | 479.1 | 479.7 | 478.4 | 475.7 | 475.1 | 471.1 | 467.2 |
| 57.5° | 431.3 | 432.5 | 433.3 | 430.5 | 433.3 | 432.5 | 431.3 | 430.8 | 430.5 | 426.3 | 422.1 |
| 60° | 398.6 | 401.8 | 401.1 | 399.8 | 401.1 | 401.8 | 398.6 | 399.2 | 397.2 | 394.6 | 391.9 |
| 62.5° | 368.4 | 369.6 | 369.5 | 369.3 | 369.5 | 369.6 | 368.4 | 365.4 | 364.5 | 361.9 | 359.2 |
| 65° | 322.0 | 323.3 | 321.3 | 323.3 | 321.3 | 323.3 | 322.0 | 320.0 | 315.4 | 314.1 | 311.4 |
| 67.5° | 272.0 | 272.4 | 273.8 | 274.7 | 273.8 | 272.4 | 272.0 | 272.8 | 269.8 | 267.3 | 266.7 |
| 70° | 240.8 | 240.2 | 242.2 | 244.2 | 242.2 | 240.2 | 240.8 | 239.5 | 237.5 | 235.6 | 232.9 |
| 72.5° | 208.1 | 209.6 | 208.9 | 210.3 | 208.9 | 209.6 | 208.1 | 208.4 | 206.4 | 203.9 | 201.2 |
| 75° | 160.3 | 162.3 | 161.7 | 163.7 | 161.7 | 162.3 | 160.3 | 161.7 | 160.3 | 157.7 | 155.1 |
| 77.5° | 115.9 | 116.1 | 115.9 | 116.9 | 115.9 | 116.1 | 115.9 | 116.9 | 115.5 | 116.4 | 113.4 |
| 80° | 88.4 | 87.1 | 85.8 | 88.4 | 85.8 | 87.1 | 88.4 | 88.4 | 86.4 | 88.4 | 86.4 |
| 82.5° | 61.5 | 62.3 | 61.0 | 61.0 | 61.0 | 62.3 | 61.5 | 63.1 | 62.2 | 63.1 | 61.1 |
| 85° | 28.4 | 27.7 | 26.4 | 26.4 | 26.4 | 27.7 | 28.4 | 28.4 | 30.4 | 29.0 | 29.0 |
| 87.5° | 8.5 | 8.0 | 8.0 | 7.5 | 8.0 | 8.0 | 8.5 | 8.5 | 8.4 | 9.3 | 9.5 |
| 90° | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 | 15.7 | 14.7 | 15.7 |
| 92.5° | 29.2 | 27.6 | 28.0 | 27.2 | 28.0 | 27.6 | 29.2 | 29.5 | 32.6 | 36.8 | 42.8 |
| 95° | 60.9 | 57.0 | 55.4 | 56.0 | 55.4 | 57.0 | 60.9 | 67.2 | 78.1 | 98.7 | 128.6 |
| 97.5° | 133.5 | 121.5 | 114.3 | 110.2 | 114.3 | 121.5 | 133.5 | 157.0 | 192.5 | 245.6 | 300.2 |
| 100° | 220.0 | 198.9 | 184.6 | 175.8 | 184.6 | 198.9 | 220.0 | 260.7 | 320.1 | 387.4 | 448.3 |
| 102.5° | 375.1 | 339.1 | 321.3 | 309.4 | 321.3 | 339.1 | 375.1 | 419.4 | 482.4 | 531.6 | 545.4 |
| 105° | 611.8 | 581.3 | 560.3 | 553.4 | 560.3 | 581.3 | 611.8 | 642.2 | 658.5 | 652.0 | 596.6 |
| 107.5° | 721.9 | 720.2 | 716.0 | 706.9 | 716.0 | 720.2 | 721.9 | 718.1 | 694.3 | 643.3 | 559.6 |
| 110° | 739.9 | 749.3 | 753.7 | 753.2 | 753.7 | 749.3 | 739.9 | 718.8 | 678.6 | 615.7 | 527.9 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 725.8 | 741.4 | 749.8 | 752.4 | 749.8 | 741.4 | 725.8 | 696.5 | 650.3 | 583.2 | 498.8 |
| 115° | 688.4 | 711.0 | 723.8 | 728.1 | 723.8 | 711.0 | 688.4 | 653.6 | 603.0 | 538.6 | 463.0 |
| 117.5° | 643.9 | 667.7 | 681.1 | 684.8 | 681.1 | 667.7 | 643.9 | 608.3 | 560.9 | 502.5 | 436.1 |
| 120° | 614.8 | 637.8 | 652.0 | 656.9 | 652.0 | 637.8 | 614.8 | 580.4 | 535.7 | 483.6 | 422.8 |
| 122.5° | 588.4 | 611.1 | 623.8 | 627.9 | 623.8 | 611.1 | 588.4 | 557.6 | 517.2 | 468.0 | 412.2 |
| 125° | 555.9 | 574.5 | 586.8 | 590.7 | 586.8 | 574.5 | 555.9 | 527.4 | 490.5 | 447.3 | 396.7 |
| 127.5° | 526.8 | 544.3 | 554.9 | 558.1 | 554.9 | 544.3 | 526.8 | 502.0 | 468.0 | 427.3 | 381.5 |
| 130° | 509.2 | 525.9 | 535.7 | 539.6 | 535.7 | 525.9 | 509.2 | 485.1 | 452.7 | 414.0 | 371.7 |
| 132.5° | 491.1 | 507.8 | 516.9 | 520.4 | 516.9 | 507.8 | 491.1 | 467.4 | 437.0 | 401.4 | 362.3 |
| 135° | 462.5 | 478.7 | 487.6 | 489.6 | 487.6 | 478.7 | 462.5 | 441.4 | 414.0 | 381.5 | 349.1 |
| 137.5° | 434.6 | 448.6 | 456.3 | 459.3 | 456.3 | 448.6 | 434.6 | 415.4 | 391.4 | 365.8 | 338.6 |
| 140° | 415.4 | 428.2 | 435.5 | 438.5 | 435.5 | 428.2 | 415.4 | 399.7 | 378.1 | 355.5 | 331.9 |
| 142.5° | 398.9 | 410.5 | 417.1 | 417.7 | 417.1 | 410.5 | 398.9 | 384.0 | 365.9 | 346.5 | 326.4 |
| 145° | 376.1 | 384.4 | 389.3 | 390.8 | 389.3 | 384.4 | 376.1 | 364.4 | 350.1 | 334.8 | 318.7 |
| 147.5° | 357.5 | 364.1 | 367.5 | 368.3 | 367.5 | 364.1 | 357.5 | 347.8 | 337.3 | 325.5 | 312.7 |
| 150° | 345.7 | 351.5 | 354.5 | 355.0 | 354.5 | 351.5 | 345.7 | 338.3 | 329.5 | 319.2 | 308.3 |
| 152.5° | 336.2 | 341.4 | 343.5 | 343.6 | 343.5 | 341.4 | 336.2 | 330.5 | 322.8 | 314.1 | 304.0 |
| 155° | 324.1 | 327.5 | 329.5 | 328.5 | 329.5 | 327.5 | 324.1 | 318.7 | 313.2 | 305.9 | 298.1 |
| 157.5° | 311.9 | 314.8 | 315.6 | 315.6 | 315.6 | 314.8 | 311.9 | 308.1 | 303.8 | 297.6 | 291.1 |
| 160° | 304.4 | 306.9 | 307.4 | 307.4 | 307.4 | 306.9 | 304.4 | 301.0 | 297.6 | 292.1 | 286.7 |
| 162.5° | 297.7 | 299.5 | 299.9 | 299.5 | 299.9 | 299.5 | 297.7 | 294.3 | 291.7 | 287.1 | 282.4 |
| 165° | 286.7 | 288.7 | 288.7 | 288.3 | 288.7 | 288.7 | 286.7 | 284.8 | 282.8 | 279.4 | 276.0 |
| 167.5° | 277.4 | 278.5 | 278.4 | 277.8 | 278.4 | 278.5 | 277.4 | 276.6 | 274.7 | 272.4 | 269.8 |
| 170° | 271.6 | 273.0 | 272.5 | 271.6 | 272.5 | 273.0 | 271.6 | 271.0 | 270.1 | 268.1 | 266.7 |
| 172.5° | 266.8 | 267.5 | 267.0 | 266.4 | 267.0 | 267.5 | 266.8 | 266.3 | 265.7 | 264.2 | 263.1 |
| 175° | 260.7 | 261.2 | 260.7 | 259.8 | 260.7 | 261.2 | 260.7 | 260.7 | 260.3 | 259.8 | 259.2 |
| 177.5° | 256.9 | 256.9 | 256.5 | 255.7 | 256.5 | 256.9 | 256.9 | 256.9 | 256.9 | 256.5 | 256.5 |
| 180° | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 |
| 2.5° | 1649.8 | 1655.6 | 1664.7 | 1674.1 | 1679.9 | 1691.0 | 1694.2 | 1699.4 | 1704.2 | 1715.3 | 1726.9 |
| 5° | 1554.5 | 1563.8 | 1585.5 | 1597.4 | 1613.9 | 1633.1 | 1645.6 | 1658.8 | 1673.4 | 1698.4 | 1721.5 |
| 7.5° | 1452.4 | 1467.8 | 1494.9 | 1517.1 | 1540.6 | 1568.1 | 1587.8 | 1613.9 | 1635.6 | 1670.9 | 1704.7 |
| 10° | 1384.3 | 1406.1 | 1430.6 | 1456.9 | 1489.9 | 1518.9 | 1546.6 | 1579.6 | 1606.0 | 1648.2 | 1687.8 |
| 12.5° | 1323.1 | 1326.4 | 1361.3 | 1390.4 | 1435.5 | 1471.4 | 1503.4 | 1545.8 | 1571.7 | 1621.9 | 1663.5 |
| 15° | 1216.1 | 1235.9 | 1267.6 | 1290.6 | 1344.1 | 1389.6 | 1434.4 | 1478.7 | 1508.4 | 1570.4 | 1625.1 |
| 17.5° | 1125.9 | 1144.2 | 1176.6 | 1214.4 | 1252.8 | 1298.1 | 1356.2 | 1402.8 | 1443.2 | 1514.1 | 1578.8 |
| 20° | 1068.9 | 1091.3 | 1124.4 | 1163.3 | 1197.0 | 1246.4 | 1296.6 | 1350.0 | 1393.5 | 1473.4 | 1549.3 |
| 22.5° | 1020.4 | 1038.0 | 1064.7 | 1103.1 | 1139.9 | 1185.2 | 1240.1 | 1298.3 | 1343.9 | 1430.1 | 1507.0 |
| 25° | 952.1 | 966.6 | 983.8 | 1015.5 | 1057.0 | 1106.6 | 1149.4 | 1213.4 | 1280.0 | 1360.6 | 1453.6 |
| 27.5° | 890.6 | 901.0 | 916.1 | 943.9 | 976.1 | 1022.4 | 1070.1 | 1130.8 | 1197.8 | 1285.2 | 1383.4 |
| 30° | 853.2 | 859.8 | 874.9 | 898.0 | 929.7 | 966.0 | 1014.2 | 1072.2 | 1140.8 | 1229.2 | 1326.9 |
| 32.5° | 820.4 | 826.5 | 836.4 | 858.4 | 885.9 | 916.9 | 960.3 | 1018.4 | 1083.8 | 1170.7 | 1278.8 |
| 35° | 771.4 | 775.9 | 784.5 | 802.4 | 817.5 | 847.9 | 884.2 | 936.9 | 998.3 | 1081.5 | 1193.6 |
| 37.5° | 722.4 | 728.8 | 734.0 | 741.5 | 761.0 | 781.0 | 812.5 | 857.1 | 917.3 | 1001.3 | 1108.1 |
| 40° | 690.2 | 695.4 | 703.4 | 706.7 | 722.6 | 740.3 | 766.0 | 806.9 | 867.7 | 944.2 | 1048.4 |
| 42.5° | 657.5 | 662.7 | 667.4 | 671.3 | 685.0 | 700.8 | 723.8 | 759.0 | 812.8 | 887.2 | 990.4 |
| 45° | 612.9 | 613.6 | 618.3 | 625.5 | 632.1 | 643.3 | 659.9 | 690.2 | 731.8 | 801.7 | 895.4 |
| 47.5° | 567.8 | 568.6 | 569.5 | 572.6 | 579.9 | 590.0 | 601.0 | 625.7 | 662.9 | 718.7 | 809.9 |
| 50° | 537.8 | 536.4 | 537.8 | 540.4 | 545.0 | 553.6 | 566.1 | 583.9 | 614.3 | 666.4 | 750.2 |
| 52.5° | 508.8 | 508.5 | 507.6 | 508.8 | 512.3 | 518.2 | 527.1 | 542.3 | 569.5 | 617.3 | 691.1 |
| 55° | 464.5 | 461.2 | 461.8 | 459.3 | 465.2 | 466.5 | 473.1 | 485.6 | 509.4 | 542.3 | 611.7 |
| 57.5° | 417.4 | 414.7 | 411.7 | 411.0 | 410.4 | 414.0 | 419.2 | 429.1 | 447.4 | 476.3 | 532.4 |
| 60° | 387.3 | 384.0 | 380.0 | 378.8 | 378.8 | 380.7 | 383.4 | 390.6 | 407.8 | 433.5 | 479.7 |
| 62.5° | 356.7 | 352.8 | 350.5 | 347.1 | 346.0 | 348.0 | 350.6 | 355.8 | 368.2 | 392.4 | 432.2 |
| 65° | 309.4 | 304.9 | 301.5 | 300.9 | 299.5 | 297.6 | 298.9 | 304.2 | 314.1 | 333.2 | 364.9 |
| 67.5° | 262.1 | 257.7 | 256.9 | 253.1 | 251.2 | 251.5 | 251.2 | 255.7 | 261.7 | 278.2 | 301.8 |
| 70° | 230.9 | 227.6 | 226.4 | 223.0 | 221.7 | 220.4 | 219.0 | 223.0 | 228.9 | 242.8 | 263.3 |
| 72.5° | 199.2 | 196.5 | 193.6 | 190.8 | 191.1 | 189.8 | 189.5 | 191.9 | 196.7 | 209.6 | 225.2 |
| 75° | 153.8 | 154.4 | 151.1 | 147.8 | 147.1 | 145.9 | 145.9 | 147.8 | 149.8 | 159.7 | 172.2 |
| 77.5° | 111.5 | 111.0 | 108.2 | 107.2 | 106.5 | 105.0 | 106.5 | 107.8 | 108.8 | 115.5 | 124.7 |
| 80° | 85.2 | 85.2 | 81.8 | 81.8 | 81.2 | 79.2 | 81.2 | 79.8 | 82.5 | 89.1 | 95.7 |
| 82.5° | 60.9 | 59.8 | 59.7 | 58.6 | 58.5 | 57.0 | 57.9 | 59.2 | 60.3 | 64.8 | 68.8 |
| 85° | 29.7 | 29.7 | 29.0 | 28.4 | 29.0 | 28.4 | 29.0 | 29.7 | 30.4 | 32.4 | 35.6 |
| 87.5° | 9.6 | 10.2 | 10.6 | 10.6 | 9.9 | 9.9 | 10.2 | 10.5 | 11.4 | 11.5 | 11.7 |
| 90° | 16.2 | 16.7 | 16.2 | 13.3 | 9.8 | 7.4 | 5.9 | 4.9 | 4.0 | 2.0 | 0.5 |
| 92.5° | 53.9 | 63.8 | 62.9 | 49.0 | 33.4 | 22.3 | 17.7 | 14.4 | 12.1 | 8.6 | 6.0 |
| 95° | 168.4 | 192.5 | 170.4 | 113.4 | 70.7 | 48.1 | 36.3 | 28.5 | 24.0 | 19.1 | 17.2 |
| 97.5° | 344.7 | 328.6 | 247.5 | 152.8 | 93.3 | 64.9 | 51.6 | 42.5 | 35.8 | 30.7 | 28.0 |
| 100° | 458.6 | 387.9 | 267.1 | 161.1 | 101.2 | 75.2 | 61.4 | 51.6 | 43.7 | 39.3 | 37.8 |
| 102.5° | 501.0 | 389.9 | 259.7 | 161.4 | 108.2 | 84.1 | 70.4 | 60.2 | 52.3 | 48.0 | 46.8 |
| 105° | 494.5 | 363.9 | 245.0 | 164.0 | 120.3 | 97.2 | 83.4 | 72.7 | 65.3 | 61.9 | 59.9 |
| 107.5° | 451.3 | 336.0 | 237.7 | 170.7 | 132.7 | 110.3 | 96.4 | 85.8 | 79.0 | 75.6 | 74.0 |
| 110° | 424.2 | 322.6 | 236.2 | 176.2 | 140.9 | 119.3 | 105.0 | 94.8 | 88.4 | 85.4 | 83.4 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 405.4 | 313.9 | 236.6 | 182.2 | 148.8 | 127.9 | 113.3 | 103.4 | 97.4 | 94.1 | 92.1 |
| 115° | 382.0 | 304.4 | 238.7 | 191.0 | 161.1 | 139.9 | 126.7 | 116.8 | 111.0 | 108.1 | 105.6 |
| 117.5° | 367.3 | 299.8 | 242.2 | 200.4 | 172.4 | 152.8 | 139.1 | 129.7 | 124.4 | 121.5 | 119.5 |
| 120° | 359.5 | 297.0 | 244.5 | 206.7 | 180.2 | 161.1 | 147.3 | 137.5 | 133.0 | 130.1 | 128.1 |
| 122.5° | 352.8 | 295.5 | 247.3 | 212.2 | 187.7 | 169.7 | 155.6 | 145.8 | 140.9 | 138.0 | 136.4 |
| 125° | 343.2 | 292.7 | 251.4 | 220.9 | 198.9 | 181.2 | 167.5 | 157.6 | 151.7 | 148.8 | 147.3 |
| 127.5° | 334.4 | 291.0 | 255.6 | 229.1 | 209.3 | 192.1 | 178.0 | 168.5 | 162.0 | 157.9 | 155.9 |
| 130° | 328.5 | 290.2 | 258.7 | 234.2 | 215.6 | 198.4 | 184.6 | 174.8 | 167.9 | 163.0 | 161.1 |
| 132.5° | 323.7 | 289.8 | 261.9 | 239.4 | 221.0 | 204.7 | 190.9 | 180.7 | 173.4 | 168.2 | 165.7 |
| 135° | 317.2 | 289.2 | 265.6 | 246.0 | 228.9 | 213.1 | 199.3 | 188.0 | 180.7 | 174.8 | 172.8 |
| 137.5° | 312.5 | 289.1 | 269.0 | 251.1 | 235.1 | 219.6 | 206.8 | 195.6 | 187.8 | 181.8 | 179.5 |
| 140° | 309.9 | 288.7 | 270.5 | 253.8 | 238.7 | 223.9 | 211.1 | 200.4 | 192.5 | 186.6 | 184.6 |
| 142.5° | 307.1 | 288.7 | 271.7 | 256.2 | 241.4 | 227.0 | 215.1 | 204.7 | 196.8 | 191.3 | 189.8 |
| 145° | 303.4 | 287.7 | 273.0 | 259.2 | 245.5 | 232.2 | 221.4 | 211.6 | 204.2 | 199.3 | 197.4 |
| 147.5° | 299.7 | 285.9 | 273.4 | 261.0 | 248.8 | 236.3 | 226.8 | 218.6 | 211.8 | 207.1 | 205.6 |
| 150° | 296.6 | 284.8 | 273.0 | 261.7 | 250.4 | 239.1 | 230.3 | 222.9 | 216.5 | 212.6 | 211.1 |
| 152.5° | 293.9 | 282.8 | 272.2 | 262.1 | 252.0 | 241.9 | 233.8 | 226.9 | 221.3 | 217.3 | 216.6 |
| 155° | 288.7 | 279.4 | 271.0 | 262.7 | 254.3 | 246.0 | 238.7 | 233.2 | 227.8 | 224.9 | 224.4 |
| 157.5° | 283.9 | 275.9 | 268.8 | 262.7 | 256.0 | 248.9 | 242.8 | 238.4 | 233.8 | 231.4 | 230.8 |
| 160° | 280.3 | 273.5 | 267.6 | 262.7 | 256.8 | 250.9 | 245.5 | 241.6 | 237.6 | 235.7 | 235.2 |
| 162.5° | 277.2 | 271.6 | 266.4 | 262.3 | 257.2 | 252.1 | 247.9 | 244.4 | 241.2 | 239.2 | 239.5 |
| 165° | 272.0 | 267.6 | 264.2 | 261.2 | 257.8 | 253.4 | 250.4 | 248.0 | 245.0 | 244.0 | 244.5 |
| 167.5° | 266.9 | 264.2 | 261.9 | 260.5 | 257.7 | 254.4 | 252.6 | 250.8 | 248.9 | 248.1 | 248.7 |
| 170° | 264.2 | 262.2 | 260.7 | 259.8 | 257.3 | 254.9 | 253.4 | 252.4 | 250.9 | 250.4 | 251.4 |
| 172.5° | 261.4 | 259.8 | 259.2 | 258.6 | 256.9 | 255.2 | 254.2 | 253.6 | 252.1 | 252.4 | 253.0 |
| 175° | 257.8 | 257.3 | 256.8 | 257.3 | 256.3 | 255.3 | 254.9 | 254.9 | 253.8 | 254.3 | 254.9 |
| 177.5° | 255.7 | 255.3 | 255.7 | 256.5 | 255.7 | 255.3 | 255.3 | 255.3 | 254.5 | 254.9 | 255.7 |
| 180° | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 |
| 2.5° | 1725.9 | 1728.5 | 1736.9 | 1745.4 | 1754.9 | 1757.6 | 1761.8 | 1758.1 | 1757.0 | 1767.0 | 1774.4 |
| 5° | 1730.7 | 1742.6 | 1765.7 | 1786.8 | 1804.7 | 1817.1 | 1830.4 | 1835.7 | 1845.6 | 1859.4 | 1876.5 |
| 7.5° | 1725.2 | 1748.3 | 1784.6 | 1815.3 | 1848.8 | 1873.0 | 1891.9 | 1908.0 | 1927.5 | 1953.8 | 1982.4 |
| 10° | 1718.8 | 1749.9 | 1794.1 | 1831.7 | 1872.6 | 1903.6 | 1929.3 | 1954.4 | 1983.5 | 2019.7 | 2057.4 |
| 12.5° | 1707.3 | 1744.0 | 1799.3 | 1843.8 | 1896.4 | 1926.8 | 1961.5 | 2015.7 | 2046.8 | 2097.3 | 2150.3 |
| 15° | 1683.9 | 1724.8 | 1802.0 | 1856.7 | 1916.2 | 1974.2 | 2038.2 | 2089.6 | 2141.1 | 2170.8 | 2245.4 |
| 17.5° | 1649.2 | 1709.3 | 1794.8 | 1858.6 | 1934.1 | 2025.5 | 2097.5 | 2155.8 | 2215.2 | 2263.3 | 2300.7 |
| 20° | 1621.2 | 1686.5 | 1784.2 | 1860.7 | 1950.4 | 2048.7 | 2131.2 | 2190.6 | 2242.1 | 2282.3 | 2305.4 |
| 22.5° | 1585.8 | 1668.0 | 1763.1 | 1852.8 | 1967.4 | 2064.6 | 2151.3 | 2198.0 | 2241.0 | 2260.7 | 2269.5 |
| 25° | 1530.2 | 1629.1 | 1736.6 | 1846.2 | 1975.6 | 2078.5 | 2157.7 | 2186.0 | 2198.6 | 2179.4 | 2147.8 |
| 27.5° | 1470.1 | 1580.5 | 1706.2 | 1833.8 | 1970.5 | 2069.5 | 2126.2 | 2121.8 | 2100.5 | 2038.6 | 1989.1 |
| 30° | 1425.2 | 1546.6 | 1681.9 | 1821.1 | 1958.3 | 2054.7 | 2087.7 | 2054.7 | 2006.6 | 1937.2 | 1866.6 |
| 32.5° | 1378.3 | 1503.9 | 1656.0 | 1803.2 | 1936.2 | 2020.9 | 2028.1 | 1971.3 | 1896.8 | 1818.0 | 1729.9 |
| 35° | 1307.1 | 1443.0 | 1607.3 | 1763.1 | 1889.1 | 1942.5 | 1910.9 | 1810.6 | 1722.2 | 1614.6 | 1494.5 |
| 37.5° | 1226.8 | 1376.8 | 1541.6 | 1704.3 | 1818.5 | 1832.5 | 1753.9 | 1648.2 | 1523.5 | 1397.1 | 1255.8 |
| 40° | 1166.6 | 1325.6 | 1495.2 | 1659.5 | 1760.4 | 1745.9 | 1645.6 | 1529.5 | 1381.0 | 1226.6 | 1095.3 |
| 42.5° | 1112.8 | 1271.8 | 1444.5 | 1605.6 | 1686.5 | 1646.7 | 1529.5 | 1387.0 | 1227.4 | 1082.0 | 961.7 |
| 45° | 1019.4 | 1183.1 | 1359.9 | 1515.6 | 1561.9 | 1489.9 | 1334.8 | 1176.5 | 1019.4 | 898.0 | 803.1 |
| 47.5° | 928.9 | 1090.7 | 1265.8 | 1402.7 | 1419.0 | 1322.3 | 1152.9 | 989.9 | 854.9 | 756.0 | 689.0 |
| 50° | 862.4 | 1024.7 | 1198.3 | 1320.3 | 1315.0 | 1198.3 | 1024.1 | 869.0 | 756.1 | 676.3 | 631.5 |
| 52.5° | 802.7 | 956.1 | 1122.7 | 1233.7 | 1205.7 | 1078.4 | 912.1 | 774.5 | 681.7 | 619.3 | 578.7 |
| 55° | 710.0 | 851.9 | 1010.2 | 1099.2 | 1047.8 | 906.6 | 766.0 | 655.2 | 586.6 | 539.8 | 508.1 |
| 57.5° | 617.9 | 750.9 | 886.4 | 941.3 | 884.4 | 754.1 | 636.9 | 556.5 | 504.9 | 470.2 | 449.6 |
| 60° | 560.9 | 677.0 | 797.7 | 845.2 | 777.3 | 661.2 | 568.8 | 496.9 | 455.3 | 426.9 | 408.5 |
| 62.5° | 503.9 | 607.9 | 721.7 | 747.6 | 685.4 | 587.3 | 505.4 | 445.7 | 411.5 | 386.2 | 368.9 |
| 65° | 426.3 | 511.3 | 597.8 | 614.9 | 557.6 | 481.6 | 417.0 | 378.1 | 347.8 | 329.2 | 315.4 |
| 67.5° | 349.6 | 417.9 | 479.1 | 493.0 | 442.7 | 390.1 | 343.4 | 309.4 | 288.9 | 273.5 | 261.8 |
| 70° | 304.2 | 358.3 | 408.5 | 419.7 | 379.4 | 332.5 | 297.0 | 269.8 | 251.4 | 238.2 | 227.0 |
| 72.5° | 256.1 | 301.3 | 342.9 | 350.5 | 317.6 | 281.9 | 252.6 | 231.4 | 215.0 | 206.6 | 195.9 |
| 75° | 196.0 | 222.4 | 254.7 | 256.7 | 234.9 | 213.1 | 190.7 | 176.8 | 168.2 | 157.7 | 152.4 |
| 77.5° | 138.3 | 159.0 | 177.5 | 181.1 | 168.2 | 153.3 | 140.8 | 129.8 | 122.6 | 117.7 | 112.8 |
| 80° | 105.6 | 122.1 | 130.0 | 134.6 | 125.4 | 114.8 | 107.5 | 100.3 | 95.7 | 92.4 | 89.1 |
| 82.5° | 75.5 | 85.7 | 93.1 | 96.6 | 91.6 | 85.2 | 78.0 | 73.9 | 70.3 | 67.6 | 66.4 |
| 85° | 38.2 | 42.9 | 47.5 | 48.8 | 47.5 | 44.9 | 40.9 | 40.9 | 38.9 | 38.2 | 38.2 |
| 87.5° | 13.6 | 16.1 | 16.3 | 18.1 | 17.3 | 17.8 | 18.5 | 18.5 | 18.1 | 17.5 | 16.9 |
| 90° | 2.0 | 4.0 | 4.9 | 5.9 | 7.4 | 9.8 | 13.3 | 16.2 | 16.7 | 16.2 | 15.7 |
| 92.5° | 8.6 | 12.1 | 14.4 | 17.7 | 22.3 | 33.4 | 49.0 | 62.9 | 63.8 | 53.9 | 42.8 |
| 95° | 19.1 | 24.0 | 28.5 | 36.3 | 48.1 | 70.7 | 113.4 | 170.4 | 192.5 | 168.4 | 128.6 |
| 97.5° | 30.7 | 35.8 | 42.5 | 51.6 | 64.9 | 93.3 | 152.8 | 247.5 | 328.6 | 344.7 | 300.2 |
| 100° | 39.3 | 43.7 | 51.6 | 61.4 | 75.2 | 101.2 | 161.1 | 267.1 | 387.9 | 458.6 | 448.3 |
| 102.5° | 48.0 | 52.3 | 60.2 | 70.4 | 84.1 | 108.2 | 161.4 | 259.7 | 389.9 | 501.0 | 545.4 |
| 105° | 61.9 | 65.3 | 72.7 | 83.4 | 97.2 | 120.3 | 164.0 | 245.0 | 363.9 | 494.5 | 596.6 |
| 107.5° | 75.6 | 79.0 | 85.8 | 96.4 | 110.3 | 132.7 | 170.7 | 237.7 | 336.0 | 451.3 | 559.6 |
| 110° | 85.4 | 88.4 | 94.8 | 105.0 | 119.3 | 140.9 | 176.2 | 236.2 | 322.6 | 424.2 | 527.9 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 94.1 | 97.4 | 103.4 | 113.3 | 127.9 | 148.8 | 182.2 | 236.6 | 313.9 | 405.4 | 498.8 |
| 115° | 108.1 | 111.0 | 116.8 | 126.7 | 139.9 | 161.1 | 191.0 | 238.7 | 304.4 | 382.0 | 463.0 |
| 117.5° | 121.5 | 124.4 | 129.7 | 139.1 | 152.8 | 172.4 | 200.4 | 242.2 | 299.8 | 367.3 | 436.1 |
| 120° | 130.1 | 133.0 | 137.5 | 147.3 | 161.1 | 180.2 | 206.7 | 244.5 | 297.0 | 359.5 | 422.8 |
| 122.5° | 138.0 | 140.9 | 145.8 | 155.6 | 169.7 | 187.7 | 212.2 | 247.3 | 295.5 | 352.8 | 412.2 |
| 125° | 148.8 | 151.7 | 157.6 | 167.5 | 181.2 | 198.9 | 220.9 | 251.4 | 292.7 | 343.2 | 396.7 |
| 127.5° | 157.9 | 162.0 | 168.5 | 178.0 | 192.1 | 209.3 | 229.1 | 255.6 | 291.0 | 334.4 | 381.5 |
| 130° | 163.0 | 167.9 | 174.8 | 184.6 | 198.4 | 215.6 | 234.2 | 258.7 | 290.2 | 328.5 | 371.7 |
| 132.5° | 168.2 | 173.4 | 180.7 | 190.9 | 204.7 | 221.0 | 239.4 | 261.9 | 289.8 | 323.7 | 362.3 |
| 135° | 174.8 | 180.7 | 188.0 | 199.3 | 213.1 | 228.9 | 246.0 | 265.6 | 289.2 | 317.2 | 349.1 |
| 137.5° | 181.8 | 187.8 | 195.6 | 206.8 | 219.6 | 235.1 | 251.1 | 269.0 | 289.1 | 312.5 | 338.6 |
| 140° | 186.6 | 192.5 | 200.4 | 211.1 | 223.9 | 238.7 | 253.8 | 270.5 | 288.7 | 309.9 | 331.9 |
| 142.5° | 191.3 | 196.8 | 204.7 | 215.1 | 227.0 | 241.4 | 256.2 | 271.7 | 288.7 | 307.1 | 326.4 |
| 145° | 199.3 | 204.2 | 211.6 | 221.4 | 232.2 | 245.5 | 259.2 | 273.0 | 287.7 | 303.4 | 318.7 |
| 147.5° | 207.1 | 211.8 | 218.6 | 226.8 | 236.3 | 248.8 | 261.0 | 273.4 | 285.9 | 299.7 | 312.7 |
| 150° | 212.6 | 216.5 | 222.9 | 230.3 | 239.1 | 250.4 | 261.7 | 273.0 | 284.8 | 296.6 | 308.3 |
| 152.5° | 217.3 | 221.3 | 226.9 | 233.8 | 241.9 | 252.0 | 262.1 | 272.2 | 282.8 | 293.9 | 304.0 |
| 155° | 224.9 | 227.8 | 233.2 | 238.7 | 246.0 | 254.3 | 262.7 | 271.0 | 279.4 | 288.7 | 298.1 |
| 157.5° | 231.4 | 233.8 | 238.4 | 242.8 | 248.9 | 256.0 | 262.7 | 268.8 | 275.9 | 283.9 | 291.1 |
| 160° | 235.7 | 237.6 | 241.6 | 245.5 | 250.9 | 256.8 | 262.7 | 267.6 | 273.5 | 280.3 | 286.7 |
| 162.5° | 239.2 | 241.2 | 244.4 | 247.9 | 252.1 | 257.2 | 262.3 | 266.4 | 271.6 | 277.2 | 282.4 |
| 165° | 244.0 | 245.0 | 248.0 | 250.4 | 253.4 | 257.8 | 261.2 | 264.2 | 267.6 | 272.0 | 276.0 |
| 167.5° | 248.1 | 248.9 | 250.8 | 252.6 | 254.4 | 257.7 | 260.5 | 261.9 | 264.2 | 266.9 | 269.8 |
| 170° | 250.4 | 250.9 | 252.4 | 253.4 | 254.9 | 257.3 | 259.8 | 260.7 | 262.2 | 264.2 | 266.7 |
| 172.5° | 252.4 | 252.1 | 253.6 | 254.2 | 255.2 | 256.9 | 258.6 | 259.2 | 259.8 | 261.4 | 263.1 |
| 175° | 254.3 | 253.8 | 254.9 | 254.9 | 255.3 | 256.3 | 257.3 | 256.8 | 257.3 | 257.8 | 259.2 |
| 177.5° | 254.9 | 254.5 | 255.3 | 255.3 | 255.3 | 255.7 | 256.5 | 255.7 | 255.3 | 255.7 | 256.5 |
| 180° | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 | 1716.8 |
| 2.5° | 1780.7 | 1788.1 | 1788.1 | 1789.2 | 1797.6 | 1796.6 | 1796.0 |
| 5° | 1895.1 | 1906.3 | 1907.5 | 1919.4 | 1927.3 | 1924.7 | 1917.4 |
| 7.5° | 2002.9 | 2023.7 | 2039.5 | 2048.4 | 2058.8 | 2065.3 | 2062.4 |
| 10° | 2088.4 | 2118.7 | 2137.2 | 2149.7 | 2164.9 | 2176.1 | 2172.1 |
| 12.5° | 2165.9 | 2202.1 | 2227.5 | 2248.9 | 2250.9 | 2265.3 | 2255.6 |
| 15° | 2287.0 | 2325.2 | 2329.2 | 2345.0 | 2357.6 | 2356.2 | 2356.9 |
| 17.5° | 2326.9 | 2339.3 | 2341.7 | 2342.1 | 2342.3 | 2337.6 | 2327.6 |
| 20° | 2312.7 | 2308.1 | 2296.9 | 2288.3 | 2273.1 | 2271.1 | 2258.0 |
| 22.5° | 2245.1 | 2230.5 | 2202.4 | 2183.8 | 2160.2 | 2154.0 | 2150.3 |
| 25° | 2112.1 | 2079.7 | 2034.9 | 1992.0 | 1980.1 | 1957.1 | 1963.7 |
| 27.5° | 1929.6 | 1879.2 | 1830.7 | 1795.8 | 1764.3 | 1729.7 | 1739.6 |
| 30° | 1801.3 | 1744.6 | 1675.9 | 1623.2 | 1589.5 | 1556.5 | 1550.6 |
| 32.5° | 1648.2 | 1565.1 | 1488.6 | 1442.1 | 1390.5 | 1369.7 | 1346.9 |
| 35° | 1384.3 | 1303.1 | 1227.3 | 1161.9 | 1124.4 | 1095.3 | 1068.9 |
| 37.5° | 1146.9 | 1053.5 | 992.2 | 939.4 | 912.1 | 895.5 | 899.7 |
| 40° | 999.6 | 917.8 | 873.0 | 832.7 | 807.6 | 795.7 | 798.4 |
| 42.5° | 880.4 | 819.1 | 782.1 | 754.6 | 736.9 | 730.3 | 728.8 |
| 45° | 744.9 | 710.7 | 680.3 | 664.4 | 655.9 | 648.6 | 644.0 |
| 47.5° | 652.6 | 624.6 | 607.4 | 598.1 | 590.6 | 583.2 | 583.0 |
| 50° | 597.1 | 578.7 | 566.8 | 556.9 | 551.0 | 545.7 | 550.3 |
| 52.5° | 554.9 | 538.0 | 526.2 | 517.3 | 515.1 | 510.3 | 510.1 |
| 55° | 492.2 | 479.1 | 470.5 | 462.5 | 458.6 | 455.9 | 452.6 |
| 57.5° | 435.2 | 422.7 | 414.7 | 409.7 | 402.3 | 399.6 | 398.6 |
| 60° | 394.6 | 384.7 | 376.8 | 370.1 | 366.9 | 361.6 | 361.6 |
| 62.5° | 357.1 | 347.2 | 339.8 | 334.8 | 329.4 | 327.3 | 327.8 |
| 65° | 302.9 | 295.0 | 287.7 | 282.4 | 281.1 | 277.2 | 278.4 |
| 67.5° | 253.0 | 247.7 | 240.0 | 237.1 | 234.6 | 232.6 | 230.9 |
| 70° | 219.7 | 214.5 | 210.5 | 206.6 | 204.6 | 204.6 | 204.6 |
| 72.5° | 191.7 | 185.4 | 183.0 | 178.1 | 179.2 | 177.1 | 175.0 |
| 75° | 148.4 | 144.5 | 142.5 | 140.5 | 137.2 | 137.2 | 137.2 |
| 77.5° | 109.3 | 108.1 | 105.7 | 103.6 | 102.8 | 102.1 | 102.4 |
| 80° | 84.5 | 83.8 | 82.5 | 82.5 | 81.2 | 80.5 | 79.2 |
| 82.5° | 64.9 | 63.2 | 62.4 | 61.9 | 61.6 | 61.5 | 61.2 |
| 85° | 36.9 | 35.6 | 35.6 | 36.2 | 35.0 | 35.0 | 35.6 |
| 87.5° | 17.2 | 17.4 | 17.0 | 17.0 | 17.5 | 17.0 | 17.0 |
| 90° | 14.7 | 15.7 | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 |
| 92.5° | 36.8 | 32.6 | 29.5 | 29.2 | 27.6 | 28.0 | 27.2 |
| 95° | 98.7 | 78.1 | 67.2 | 60.9 | 57.0 | 55.4 | 56.0 |
| 97.5° | 245.6 | 192.5 | 157.0 | 133.5 | 121.5 | 114.3 | 110.2 |
| 100° | 387.4 | 320.1 | 260.7 | 220.0 | 198.9 | 184.6 | 175.8 |
| 102.5° | 531.6 | 482.4 | 419.4 | 375.1 | 339.1 | 321.3 | 309.4 |
| 105° | 652.0 | 658.5 | 642.2 | 611.8 | 581.3 | 560.3 | 553.4 |
| 107.5° | 643.3 | 694.3 | 718.1 | 721.9 | 720.2 | 716.0 | 706.9 |
| 110° | 615.7 | 678.6 | 718.8 | 739.9 | 749.3 | 753.7 | 753.2 |



TEST NUMBER: P331431-935

CATALOG NUMBER: S122DIP-S1005D530U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 583.2 | 650.3 | 696.5 | 725.8 | 741.4 | 749.8 | 752.4 |
| 115° | 538.6 | 603.0 | 653.6 | 688.4 | 711.0 | 723.8 | 728.1 |
| 117.5° | 502.5 | 560.9 | 608.3 | 643.9 | 667.7 | 681.1 | 684.8 |
| 120° | 483.6 | 535.7 | 580.4 | 614.8 | 637.8 | 652.0 | 656.9 |
| 122.5° | 468.0 | 517.2 | 557.6 | 588.4 | 611.1 | 623.8 | 627.9 |
| 125° | 447.3 | 490.5 | 527.4 | 555.9 | 574.5 | 586.8 | 590.7 |
| 127.5° | 427.3 | 468.0 | 502.0 | 526.8 | 544.3 | 554.9 | 558.1 |
| 130° | 414.0 | 452.7 | 485.1 | 509.2 | 525.9 | 535.7 | 539.6 |
| 132.5° | 401.4 | 437.0 | 467.4 | 491.1 | 507.8 | 516.9 | 520.4 |
| 135° | 381.5 | 414.0 | 441.4 | 462.5 | 478.7 | 487.6 | 489.6 |
| 137.5° | 365.8 | 391.4 | 415.4 | 434.6 | 448.6 | 456.3 | 459.3 |
| 140° | 355.5 | 378.1 | 399.7 | 415.4 | 428.2 | 435.5 | 438.5 |
| 142.5° | 346.5 | 365.9 | 384.0 | 398.9 | 410.5 | 417.1 | 417.7 |
| 145° | 334.8 | 350.1 | 364.4 | 376.1 | 384.4 | 389.3 | 390.8 |
| 147.5° | 325.5 | 337.3 | 347.8 | 357.5 | 364.1 | 367.5 | 368.3 |
| 150° | 319.2 | 329.5 | 338.3 | 345.7 | 351.5 | 354.5 | 355.0 |
| 152.5° | 314.1 | 322.8 | 330.5 | 336.2 | 341.4 | 343.5 | 343.6 |
| 155° | 305.9 | 313.2 | 318.7 | 324.1 | 327.5 | 329.5 | 328.5 |
| 157.5° | 297.6 | 303.8 | 308.1 | 311.9 | 314.8 | 315.6 | 315.6 |
| 160° | 292.1 | 297.6 | 301.0 | 304.4 | 306.9 | 307.4 | 307.4 |
| 162.5° | 287.1 | 291.7 | 294.3 | 297.7 | 299.5 | 299.9 | 299.5 |
| 165° | 279.4 | 282.8 | 284.8 | 286.7 | 288.7 | 288.7 | 288.3 |
| 167.5° | 272.4 | 274.7 | 276.6 | 277.4 | 278.5 | 278.4 | 277.8 |
| 170° | 268.1 | 270.1 | 271.0 | 271.6 | 273.0 | 272.5 | 271.6 |
| 172.5° | 264.2 | 265.7 | 266.3 | 266.8 | 267.5 | 267.0 | 266.4 |
| 175° | 259.8 | 260.3 | 260.7 | 260.7 | 261.2 | 260.7 | 259.8 |
| 177.5° | 256.5 | 256.9 | 256.9 | 256.9 | 256.9 | 256.5 | 255.7 |
| 180° | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 | 255.3 |

(END OF REPORT)