

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: P333075-940

Luminaire Tested: **S124RDIW-S1020D470U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333075-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIW-S1020D470U940-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 470 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5540.4 lumens
Efficiency: N/A
Efficacy: 119.9 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

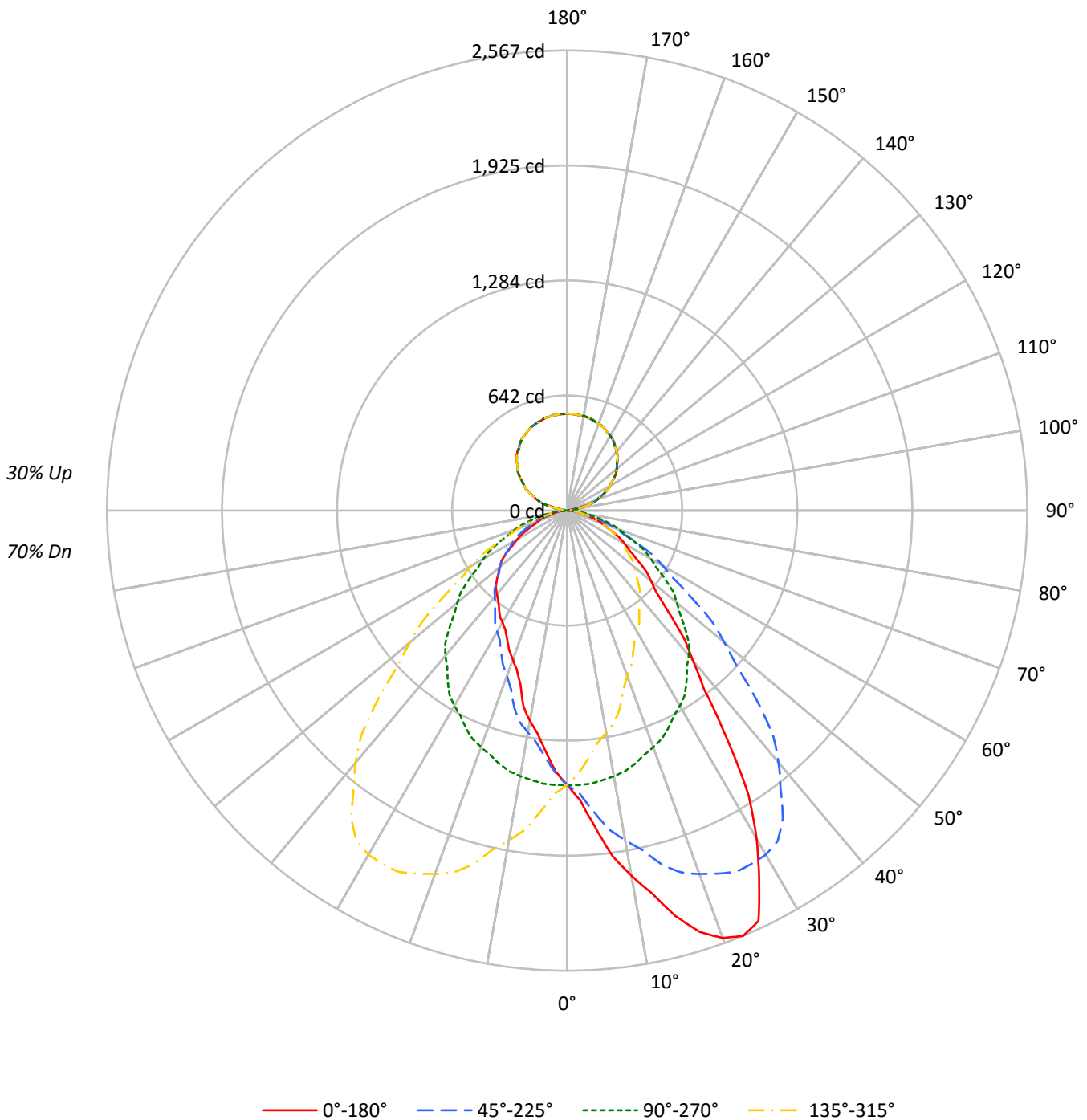
Input Watts (W): 46.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 94 | 94 | 94 | 84 | 84 | 84 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 70 | | |
| 1 | 103 | 99 | 95 | 92 | 97 | 94 | 90 | 87 | 84 | 81 | 79 | 75 | 73 | 71 | 67 | 65 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 60 | | |
| 2 | 94 | 87 | 81 | 76 | 89 | 83 | 77 | 73 | 74 | 70 | 66 | 67 | 63 | 61 | 60 | 57 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 51 | | |
| 3 | 86 | 77 | 70 | 64 | 81 | 73 | 67 | 61 | 66 | 61 | 57 | 59 | 55 | 52 | 53 | 50 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 44 | | |
| 4 | 79 | 69 | 61 | 55 | 75 | 65 | 58 | 53 | 59 | 53 | 49 | 53 | 49 | 45 | 48 | 44 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 38 | | |
| 5 | 73 | 62 | 53 | 47 | 69 | 59 | 51 | 46 | 53 | 47 | 43 | 48 | 43 | 39 | 44 | 40 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 34 | | |
| 6 | 68 | 56 | 47 | 42 | 64 | 53 | 46 | 40 | 48 | 42 | 38 | 44 | 39 | 35 | 40 | 36 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 30 | | |
| 7 | 63 | 50 | 42 | 37 | 59 | 48 | 41 | 36 | 44 | 38 | 33 | 40 | 35 | 31 | 36 | 32 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 27 | | |
| 8 | 58 | 46 | 38 | 33 | 55 | 44 | 37 | 32 | 40 | 34 | 30 | 37 | 32 | 28 | 33 | 29 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 24 | | |
| 9 | 54 | 42 | 35 | 29 | 52 | 40 | 33 | 29 | 37 | 31 | 27 | 34 | 29 | 25 | 31 | 27 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 22 | | |
| 10 | 51 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 34 | 28 | 24 | 31 | 27 | 23 | 29 | 25 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 20 | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 12352 | 12352 | 12352 | 12352 |
| 5° | 14327 | 12388 | 10950 | 12388 |
| 10° | 16948 | 12336 | 9773 | 12336 |
| 15° | 19578 | 12221 | 8398 | 12221 |
| 20° | 21798 | 12064 | 7594 | 12064 |
| 25° | 22502 | 11909 | 7050 | 11909 |
| 30° | 19699 | 11723 | 6723 | 11723 |
| 35° | 15334 | 11446 | 6525 | 11446 |
| 40° | 11499 | 11129 | 6418 | 11129 |
| 45° | 9079 | 10620 | 6361 | 10620 |
| 50° | 7665 | 10034 | 6179 | 10034 |
| 55° | 6681 | 9388 | 5847 | 9388 |
| 60° | 6011 | 8719 | 5176 | 8719 |
| 65° | 5299 | 7996 | 4451 | 7996 |
| 70° | 4773 | 7246 | 4015 | 7246 |
| 75° | 3999 | 6422 | 3425 | 6422 |
| 80° | 3384 | 5472 | 3208 | 5472 |
| 85° | 2862 | 4279 | 2862 | 4279 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 148.2 | 2.7 |
| 10°-20° | 447.2 | 8.1 |
| 20°-30° | 699.4 | 12.6 |
| 30°-40° | 777.5 | 14.0 |
| 40°-50° | 689.9 | 12.5 |
| 50°-60° | 537.6 | 9.7 |
| 60°-70° | 351.9 | 6.4 |
| 70°-80° | 173.1 | 3.1 |
| 80°-90° | 44.3 | 0.8 |
| 90°-100° | 18.5 | 0.3 |
| 100°-110° | 117.8 | 2.1 |
| 110°-120° | 225.4 | 4.1 |
| 120°-130° | 286.1 | 5.2 |
| 130°-140° | 306.1 | 5.5 |
| 140°-150° | 286.3 | 5.2 |
| 150°-160° | 230.9 | 4.2 |
| 160°-170° | 148.9 | 2.7 |
| 170°-180° | 51.3 | 0.9 |
| 0°-30° | 1294.9 | 23.4 |
| 0°-40° | 2072.4 | 37.4 |
| 0°-60° | 3299.8 | 59.6 |
| 0°-90° | 3869.1 | 69.8 |
| 90°-120° | 361.7 | 6.5 |
| 90°-150° | 1240.3 | 22.4 |
| 90°-180° | 1671.0 | 30.2 |
| 0°-180° | 5540.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1530 | 1530 | 1530 | 1530 | 1530 | |
| 5° | 1768 | 1529 | 1351 | 1529 | 1768 | 179 |
| 15° | 2342 | 1462 | 1005 | 1462 | 2342 | 666 |
| 25° | 2526 | 1337 | 792 | 1337 | 2526 | 1121 |
| 35° | 1556 | 1161 | 662 | 1161 | 1556 | 975 |
| 45° | 795 | 930 | 557 | 930 | 795 | 630 |
| 55° | 475 | 667 | 415 | 667 | 475 | 432 |
| 65° | 277 | 419 | 233 | 419 | 277 | 279 |
| 75° | 128 | 206 | 110 | 206 | 128 | 141 |
| 85° | 31 | 46 | 31 | 46 | 31 | 35 |
| 90° | 12 | 1 | 12 | 1 | 12 | 7 |
| 95° | 12 | 22 | 12 | 22 | 12 | 9 |
| 105° | 115 | 122 | 115 | 122 | 115 | 100 |
| 115° | 229 | 227 | 229 | 227 | 229 | 226 |
| 125° | 322 | 319 | 322 | 319 | 322 | 286 |
| 135° | 399 | 396 | 399 | 396 | 399 | 307 |
| 145° | 459 | 457 | 459 | 457 | 459 | 287 |
| 155° | 500 | 501 | 500 | 501 | 500 | 231 |
| 165° | 526 | 528 | 526 | 528 | 526 | 149 |
| 175° | 537 | 540 | 537 | 540 | 537 | 51 |
| 180° | 540 | 540 | 540 | 540 | 540 | |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1613.8 | 1618.3 | 1613.8 | 1613.4 | 1608.5 | 1607.0 | 1605.0 | 1598.6 | 1586.7 | 1579.8 | 1581.3 |
| 5° | 1768.0 | 1783.3 | 1774.8 | 1773.5 | 1760.0 | 1746.4 | 1737.8 | 1718.1 | 1697.1 | 1682.9 | 1671.2 |
| 7.5° | 1946.2 | 1955.1 | 1949.7 | 1941.1 | 1919.1 | 1906.7 | 1886.7 | 1860.6 | 1823.1 | 1794.3 | 1768.1 |
| 10° | 2067.5 | 2074.9 | 2072.5 | 2056.5 | 2040.4 | 2007.8 | 1989.2 | 1952.9 | 1905.4 | 1867.9 | 1832.6 |
| 12.5° | 2186.9 | 2194.8 | 2173.1 | 2173.8 | 2143.5 | 2117.7 | 2088.4 | 2042.6 | 1987.8 | 1939.3 | 1895.3 |
| 15° | 2342.5 | 2332.6 | 2332.6 | 2320.3 | 2286.3 | 2250.7 | 2220.4 | 2172.4 | 2103.3 | 2045.3 | 1984.3 |
| 17.5° | 2464.3 | 2467.7 | 2462.7 | 2433.6 | 2407.0 | 2370.0 | 2314.6 | 2258.5 | 2194.4 | 2116.7 | 2054.2 |
| 20° | 2537.3 | 2537.3 | 2531.7 | 2512.0 | 2477.5 | 2438.0 | 2378.3 | 2317.2 | 2235.9 | 2157.6 | 2087.3 |
| 22.5° | 2566.9 | 2568.8 | 2562.3 | 2546.0 | 2515.0 | 2476.5 | 2425.5 | 2363.6 | 2279.7 | 2191.6 | 2104.5 |
| 25° | 2526.2 | 2537.9 | 2539.1 | 2534.8 | 2525.6 | 2502.1 | 2458.4 | 2394.9 | 2319.7 | 2224.1 | 2130.4 |
| 27.5° | 2319.3 | 2334.1 | 2347.1 | 2368.4 | 2396.7 | 2411.5 | 2413.5 | 2381.2 | 2315.6 | 2223.7 | 2129.3 |
| 30° | 2113.2 | 2125.5 | 2165.6 | 2218.0 | 2258.6 | 2295.6 | 2327.7 | 2336.3 | 2299.4 | 2216.7 | 2117.5 |
| 32.5° | 1884.4 | 1901.1 | 1941.2 | 1997.5 | 2065.3 | 2128.0 | 2199.9 | 2236.7 | 2235.7 | 2186.1 | 2094.3 |
| 35° | 1555.9 | 1568.3 | 1605.3 | 1664.4 | 1745.8 | 1838.9 | 1952.9 | 2041.7 | 2102.0 | 2097.7 | 2041.7 |
| 37.5° | 1254.8 | 1268.7 | 1306.1 | 1355.2 | 1434.1 | 1549.3 | 1659.7 | 1782.0 | 1893.7 | 1956.5 | 1937.7 |
| 40° | 1091.1 | 1091.7 | 1128.1 | 1178.7 | 1252.6 | 1353.1 | 1473.3 | 1608.9 | 1733.4 | 1835.1 | 1854.8 |
| 42.5° | 961.9 | 962.0 | 986.1 | 1040.5 | 1093.9 | 1188.4 | 1303.1 | 1437.8 | 1583.5 | 1701.0 | 1753.3 |
| 45° | 795.2 | 800.8 | 820.5 | 853.2 | 895.1 | 975.2 | 1067.0 | 1192.2 | 1355.6 | 1494.9 | 1581.8 |
| 47.5° | 673.4 | 681.5 | 694.1 | 720.8 | 754.1 | 807.5 | 883.5 | 996.0 | 1128.8 | 1282.1 | 1405.8 |
| 50° | 610.3 | 611.5 | 627.5 | 642.3 | 671.3 | 713.8 | 780.4 | 874.1 | 996.1 | 1143.5 | 1280.9 |
| 52.5° | 556.1 | 555.8 | 565.4 | 584.2 | 607.7 | 640.9 | 694.6 | 779.9 | 888.1 | 1020.2 | 1162.1 |
| 55° | 474.7 | 477.8 | 485.2 | 499.9 | 517.8 | 541.3 | 583.8 | 647.9 | 733.0 | 845.8 | 974.6 |
| 57.5° | 412.8 | 414.4 | 420.2 | 426.4 | 442.8 | 459.9 | 491.8 | 536.3 | 608.1 | 700.4 | 820.5 |
| 60° | 372.3 | 372.9 | 374.8 | 384.1 | 397.0 | 413.0 | 434.6 | 472.2 | 532.6 | 617.1 | 712.0 |
| 62.5° | 332.9 | 333.9 | 336.8 | 343.6 | 353.6 | 364.7 | 387.3 | 417.5 | 467.5 | 539.7 | 625.2 |
| 65° | 277.4 | 278.0 | 282.3 | 284.8 | 292.8 | 302.6 | 319.3 | 339.7 | 374.2 | 434.6 | 499.4 |
| 67.5° | 231.8 | 231.8 | 232.0 | 235.3 | 240.9 | 247.4 | 257.4 | 273.7 | 299.7 | 336.8 | 393.9 |
| 70° | 202.2 | 202.2 | 203.4 | 205.3 | 208.4 | 213.9 | 219.5 | 231.8 | 250.9 | 281.1 | 324.9 |
| 72.5° | 174.6 | 175.0 | 176.3 | 176.6 | 178.3 | 182.8 | 186.9 | 194.8 | 209.0 | 231.8 | 267.2 |
| 75° | 128.2 | 130.1 | 133.1 | 135.6 | 138.7 | 138.1 | 142.4 | 147.3 | 151.7 | 165.2 | 185.6 |
| 77.5° | 95.4 | 94.4 | 94.8 | 96.9 | 97.3 | 97.9 | 100.9 | 104.8 | 108.0 | 114.4 | 121.7 |
| 80° | 72.8 | 72.8 | 74.5 | 75.2 | 74.5 | 75.2 | 78.3 | 80.2 | 81.4 | 83.8 | 90.6 |
| 82.5° | 55.0 | 56.0 | 55.4 | 56.0 | 56.4 | 57.0 | 59.6 | 59.9 | 61.2 | 62.2 | 65.0 |
| 85° | 30.9 | 31.5 | 32.0 | 30.9 | 30.9 | 30.9 | 32.0 | 32.6 | 33.9 | 33.3 | 34.5 |
| 87.5° | 13.3 | 12.8 | 13.2 | 13.2 | 13.6 | 13.0 | 13.5 | 14.4 | 13.2 | 13.6 | 13.5 |
| 90° | 12.1 | 11.9 | 11.8 | 11.6 | 11.4 | 11.1 | 10.5 | 10.0 | 9.5 | 8.9 | 8.2 |
| 92.5° | 11.1 | 11.1 | 11.1 | 11.1 | 11.0 | 10.7 | 10.2 | 9.6 | 9.1 | 8.6 | 7.8 |
| 95° | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.1 | 10.5 | 10.0 | 9.5 | 8.9 | 8.8 |
| 97.5° | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 10.9 | 10.8 | 10.8 | 10.7 | 10.7 | 20.7 |
| 100° | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.7 | 13.2 | 14.7 | 16.2 | 17.7 | 30.1 |
| 102.5° | 11.7 | 11.6 | 11.6 | 11.6 | 11.6 | 19.8 | 36.3 | 52.7 | 69.2 | 85.7 | 87.3 |
| 105° | 115.2 | 118.4 | 121.6 | 124.8 | 128.1 | 129.3 | 128.5 | 127.7 | 126.9 | 126.1 | 125.6 |
| 107.5° | 160.5 | 160.2 | 159.8 | 159.5 | 159.2 | 158.8 | 158.4 | 158.0 | 157.6 | 157.2 | 156.6 |
| 110° | 180.2 | 179.9 | 179.7 | 179.4 | 179.1 | 179.0 | 178.8 | 178.6 | 178.4 | 178.3 | 177.7 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 199.9 | 199.7 | 199.3 | 198.9 | 198.6 | 198.4 | 198.5 | 198.5 | 198.6 | 198.6 | 198.3 |
| 115° | 228.7 | 228.7 | 228.7 | 228.7 | 228.7 | 228.6 | 228.5 | 228.3 | 228.1 | 227.9 | 228.0 |
| 117.5° | 258.0 | 258.1 | 258.1 | 258.1 | 258.2 | 258.2 | 258.2 | 258.2 | 258.2 | 258.3 | 258.2 |
| 120° | 276.4 | 276.6 | 276.8 | 277.0 | 277.1 | 277.1 | 277.0 | 276.8 | 276.6 | 276.4 | 276.5 |
| 122.5° | 294.5 | 294.7 | 294.9 | 295.1 | 295.2 | 295.2 | 295.2 | 295.1 | 295.0 | 294.9 | 294.7 |
| 125° | 321.6 | 321.6 | 321.5 | 321.4 | 321.3 | 321.1 | 320.8 | 320.6 | 320.3 | 320.0 | 320.2 |
| 127.5° | 345.5 | 345.6 | 345.6 | 345.7 | 345.8 | 345.9 | 345.9 | 346.0 | 346.1 | 346.1 | 345.7 |
| 130° | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 | 361.6 | 361.5 | 361.4 | 361.3 | 361.1 |
| 132.5° | 376.6 | 376.7 | 376.7 | 376.7 | 376.8 | 376.8 | 376.7 | 376.7 | 376.6 | 376.5 | 376.1 |
| 135° | 398.9 | 398.7 | 398.5 | 398.3 | 398.1 | 398.0 | 397.8 | 397.6 | 397.4 | 397.3 | 396.9 |
| 137.5° | 417.9 | 418.0 | 418.0 | 418.1 | 418.1 | 418.1 | 417.9 | 417.7 | 417.5 | 417.3 | 416.9 |
| 140° | 431.2 | 431.1 | 431.1 | 431.0 | 430.9 | 430.7 | 430.4 | 430.2 | 429.9 | 429.6 | 429.4 |
| 142.5° | 442.2 | 442.2 | 442.2 | 442.1 | 442.1 | 442.0 | 441.8 | 441.6 | 441.4 | 441.2 | 441.1 |
| 145° | 459.1 | 458.9 | 458.7 | 458.5 | 458.3 | 458.3 | 458.2 | 458.1 | 458.0 | 457.9 | 457.9 |
| 147.5° | 473.1 | 473.0 | 472.9 | 472.8 | 472.7 | 472.6 | 472.5 | 472.5 | 472.4 | 472.3 | 472.4 |
| 150° | 482.1 | 482.1 | 482.0 | 481.9 | 481.8 | 481.7 | 481.7 | 481.7 | 481.7 | 481.7 | 481.8 |
| 152.5° | 489.9 | 489.9 | 490.0 | 490.1 | 490.1 | 490.1 | 489.9 | 489.7 | 489.6 | 489.5 | 489.6 |
| 155° | 500.3 | 500.6 | 500.9 | 501.1 | 501.4 | 501.3 | 501.0 | 500.6 | 500.2 | 499.9 | 500.2 |
| 157.5° | 509.1 | 509.5 | 510.0 | 510.4 | 510.9 | 510.9 | 510.4 | 510.0 | 509.5 | 509.1 | 509.3 |
| 160° | 514.9 | 515.4 | 515.9 | 516.5 | 517.0 | 517.0 | 516.5 | 515.9 | 515.4 | 514.9 | 515.0 |
| 162.5° | 519.4 | 520.0 | 520.6 | 521.2 | 521.8 | 521.8 | 521.3 | 520.8 | 520.2 | 519.7 | 519.8 |
| 165° | 525.8 | 526.6 | 527.4 | 528.2 | 529.0 | 529.1 | 528.3 | 527.6 | 526.9 | 526.2 | 526.2 |
| 167.5° | 530.6 | 531.5 | 532.4 | 533.2 | 534.1 | 534.2 | 533.4 | 532.6 | 531.8 | 531.0 | 531.1 |
| 170° | 533.4 | 534.3 | 535.2 | 536.1 | 537.1 | 537.2 | 536.4 | 535.7 | 534.9 | 534.2 | 534.1 |
| 172.5° | 535.0 | 536.0 | 537.0 | 538.0 | 539.0 | 539.0 | 538.3 | 537.6 | 536.9 | 536.2 | 536.1 |
| 175° | 537.1 | 538.1 | 539.2 | 540.3 | 541.4 | 541.5 | 540.7 | 539.9 | 539.1 | 538.3 | 538.2 |
| 177.5° | 538.4 | 539.2 | 540.1 | 541.0 | 541.8 | 542.0 | 541.4 | 540.8 | 540.2 | 539.7 | 539.5 |
| 180° | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1576.4 | 1569.5 | 1566.0 | 1558.1 | 1548.7 | 1543.8 | 1539.4 | 1532.9 | 1524.6 | 1515.7 | 1509.3 |
| 5° | 1656.4 | 1641.6 | 1623.1 | 1600.9 | 1581.2 | 1562.1 | 1545.4 | 1528.7 | 1509.7 | 1490.0 | 1470.3 |
| 7.5° | 1738.5 | 1709.4 | 1677.9 | 1641.6 | 1606.2 | 1574.0 | 1544.4 | 1516.1 | 1484.0 | 1455.3 | 1429.1 |
| 10° | 1795.7 | 1756.2 | 1712.4 | 1666.3 | 1620.0 | 1579.9 | 1540.5 | 1504.8 | 1465.3 | 1430.1 | 1400.5 |
| 12.5° | 1842.1 | 1795.7 | 1743.0 | 1685.5 | 1629.9 | 1581.4 | 1536.1 | 1489.4 | 1444.6 | 1406.5 | 1367.0 |
| 15° | 1919.0 | 1855.5 | 1784.6 | 1715.6 | 1643.4 | 1577.4 | 1516.4 | 1462.2 | 1411.0 | 1357.5 | 1319.8 |
| 17.5° | 1971.8 | 1896.6 | 1810.4 | 1727.4 | 1642.2 | 1564.4 | 1494.0 | 1429.4 | 1370.4 | 1315.6 | 1270.9 |
| 20° | 2003.4 | 1920.2 | 1824.7 | 1730.4 | 1634.8 | 1551.6 | 1475.8 | 1404.3 | 1343.3 | 1284.1 | 1237.8 |
| 22.5° | 2021.2 | 1929.1 | 1824.7 | 1725.9 | 1626.9 | 1536.8 | 1453.6 | 1379.1 | 1312.7 | 1253.5 | 1202.3 |
| 25° | 2026.9 | 1928.2 | 1821.6 | 1708.2 | 1599.6 | 1504.1 | 1417.8 | 1337.0 | 1263.1 | 1203.9 | 1149.7 |
| 27.5° | 2019.0 | 1902.8 | 1793.6 | 1677.2 | 1565.3 | 1464.5 | 1373.9 | 1289.1 | 1215.0 | 1151.6 | 1095.9 |
| 30° | 2007.2 | 1882.6 | 1765.5 | 1644.7 | 1531.2 | 1434.5 | 1338.9 | 1257.6 | 1180.4 | 1114.5 | 1058.5 |
| 32.5° | 1981.5 | 1858.0 | 1732.0 | 1608.2 | 1493.3 | 1393.6 | 1302.9 | 1221.0 | 1145.5 | 1078.1 | 1018.5 |
| 35° | 1930.7 | 1805.5 | 1668.7 | 1541.8 | 1428.9 | 1325.3 | 1240.3 | 1161.4 | 1089.2 | 1017.2 | 954.2 |
| 37.5° | 1863.8 | 1735.9 | 1599.8 | 1460.7 | 1347.8 | 1250.0 | 1172.0 | 1097.9 | 1027.5 | 961.6 | 892.0 |
| 40° | 1800.6 | 1684.1 | 1543.6 | 1405.5 | 1289.6 | 1195.2 | 1123.2 | 1056.0 | 985.1 | 919.7 | 850.1 |
| 42.5° | 1724.2 | 1625.0 | 1482.9 | 1344.3 | 1229.9 | 1139.1 | 1071.8 | 1006.1 | 941.6 | 878.3 | 805.7 |
| 45° | 1596.6 | 1521.3 | 1388.2 | 1255.1 | 1139.8 | 1049.8 | 988.2 | 930.2 | 873.5 | 813.1 | 744.7 |
| 47.5° | 1450.4 | 1399.5 | 1284.5 | 1148.2 | 1041.5 | 960.6 | 901.0 | 853.6 | 805.7 | 745.3 | 685.3 |
| 50° | 1348.8 | 1316.1 | 1205.1 | 1080.7 | 978.9 | 904.3 | 843.3 | 798.9 | 758.8 | 700.9 | 647.3 |
| 52.5° | 1240.3 | 1222.9 | 1129.2 | 1010.1 | 911.9 | 838.7 | 786.6 | 746.6 | 706.1 | 658.0 | 607.8 |
| 55° | 1075.0 | 1084.3 | 1004.8 | 901.9 | 809.4 | 747.8 | 700.3 | 667.0 | 632.5 | 591.8 | 552.9 |
| 57.5° | 906.2 | 940.0 | 886.5 | 796.2 | 709.5 | 652.6 | 616.8 | 588.8 | 559.8 | 526.1 | 492.9 |
| 60° | 805.0 | 833.4 | 803.3 | 723.7 | 647.9 | 594.9 | 561.6 | 540.0 | 511.0 | 480.2 | 455.0 |
| 62.5° | 706.4 | 736.7 | 718.9 | 654.7 | 584.2 | 538.7 | 509.3 | 489.2 | 467.6 | 440.8 | 414.5 |
| 65° | 582.6 | 602.3 | 593.6 | 549.3 | 499.4 | 460.5 | 433.4 | 418.6 | 398.9 | 379.2 | 355.7 |
| 67.5° | 446.2 | 484.3 | 479.2 | 455.7 | 412.5 | 382.2 | 364.4 | 351.3 | 333.4 | 318.7 | 302.8 |
| 70° | 366.8 | 401.9 | 401.3 | 382.2 | 358.7 | 330.4 | 318.1 | 307.0 | 291.0 | 276.8 | 263.9 |
| 72.5° | 300.2 | 332.4 | 337.2 | 322.5 | 306.5 | 285.1 | 273.2 | 265.6 | 250.0 | 240.3 | 229.8 |
| 75° | 210.2 | 233.6 | 239.8 | 239.8 | 232.4 | 221.3 | 210.8 | 205.9 | 194.8 | 186.2 | 180.0 |
| 77.5° | 137.9 | 152.7 | 162.3 | 164.4 | 165.6 | 161.8 | 153.3 | 149.8 | 141.2 | 138.2 | 132.3 |
| 80° | 97.4 | 107.3 | 118.3 | 122.1 | 125.1 | 123.9 | 120.2 | 117.7 | 109.8 | 106.6 | 104.2 |
| 82.5° | 67.3 | 72.8 | 81.9 | 90.0 | 89.2 | 92.4 | 89.2 | 87.2 | 81.1 | 80.0 | 77.6 |
| 85° | 35.1 | 35.8 | 37.0 | 42.5 | 45.7 | 46.8 | 47.4 | 46.2 | 44.4 | 44.4 | 40.0 |
| 87.5° | 13.3 | 12.7 | 13.6 | 13.4 | 13.6 | 15.4 | 16.7 | 17.0 | 15.7 | 14.4 | 13.2 |
| 90° | 7.5 | 6.8 | 6.0 | 5.2 | 4.2 | 3.2 | 2.2 | 1.2 | 2.2 | 3.2 | 4.2 |
| 92.5° | 7.1 | 6.4 | 5.7 | 5.4 | 5.3 | 5.2 | 5.2 | 5.1 | 5.2 | 5.2 | 5.3 |
| 95° | 8.7 | 8.6 | 8.6 | 10.0 | 13.1 | 16.1 | 19.2 | 22.2 | 19.2 | 16.1 | 13.1 |
| 97.5° | 30.7 | 40.8 | 50.7 | 54.8 | 52.9 | 51.0 | 49.1 | 47.2 | 49.1 | 51.0 | 52.9 |
| 100° | 42.5 | 54.9 | 67.3 | 72.8 | 71.2 | 69.6 | 67.9 | 66.3 | 67.9 | 69.6 | 71.2 |
| 102.5° | 88.9 | 90.5 | 92.1 | 92.4 | 91.1 | 90.0 | 88.8 | 87.7 | 88.8 | 90.0 | 91.1 |
| 105° | 125.2 | 124.8 | 124.3 | 123.8 | 123.2 | 122.7 | 122.2 | 121.6 | 122.2 | 122.7 | 123.2 |
| 107.5° | 156.0 | 155.3 | 154.8 | 154.4 | 154.1 | 153.8 | 153.6 | 153.3 | 153.6 | 153.8 | 154.1 |
| 110° | 177.2 | 176.6 | 176.0 | 175.7 | 175.4 | 175.1 | 174.9 | 174.6 | 174.9 | 175.1 | 175.4 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 198.0 | 197.9 | 197.6 | 197.2 | 196.7 | 196.3 | 195.7 | 195.3 | 195.7 | 196.3 | 196.7 |
| 115° | 228.1 | 228.2 | 228.3 | 228.2 | 227.9 | 227.7 | 227.4 | 227.1 | 227.4 | 227.7 | 227.9 |
| 117.5° | 257.9 | 257.7 | 257.5 | 257.3 | 256.9 | 256.5 | 256.2 | 255.8 | 256.2 | 256.5 | 256.9 |
| 120° | 276.6 | 276.7 | 276.8 | 276.6 | 276.3 | 275.9 | 275.5 | 275.2 | 275.5 | 275.9 | 276.3 |
| 122.5° | 294.6 | 294.4 | 294.4 | 294.2 | 294.0 | 293.7 | 293.6 | 293.3 | 293.6 | 293.7 | 294.0 |
| 125° | 320.4 | 320.6 | 320.7 | 320.7 | 320.3 | 319.9 | 319.6 | 319.2 | 319.6 | 319.9 | 320.3 |
| 127.5° | 345.3 | 344.8 | 344.5 | 344.2 | 344.1 | 344.0 | 343.9 | 343.8 | 343.9 | 344.0 | 344.1 |
| 130° | 360.8 | 360.5 | 360.3 | 360.1 | 360.0 | 359.9 | 359.7 | 359.6 | 359.7 | 359.9 | 360.0 |
| 132.5° | 375.8 | 375.5 | 375.1 | 374.9 | 374.7 | 374.5 | 374.3 | 374.3 | 374.3 | 374.5 | 374.7 |
| 135° | 396.5 | 396.2 | 395.8 | 395.7 | 395.7 | 395.8 | 395.9 | 396.0 | 395.9 | 395.8 | 395.7 |
| 137.5° | 416.5 | 416.1 | 415.7 | 415.5 | 415.4 | 415.4 | 415.4 | 415.4 | 415.4 | 415.4 | 415.4 |
| 140° | 429.3 | 429.0 | 428.8 | 428.6 | 428.5 | 428.3 | 428.1 | 427.9 | 428.1 | 428.3 | 428.5 |
| 142.5° | 441.0 | 440.9 | 440.8 | 440.6 | 440.2 | 440.0 | 439.6 | 439.3 | 439.6 | 440.0 | 440.2 |
| 145° | 457.9 | 457.9 | 457.9 | 457.7 | 457.4 | 457.2 | 456.9 | 456.6 | 456.9 | 457.2 | 457.4 |
| 147.5° | 472.5 | 472.6 | 472.7 | 472.5 | 472.0 | 471.4 | 471.0 | 470.5 | 471.0 | 471.4 | 472.0 |
| 150° | 481.9 | 482.0 | 482.1 | 482.0 | 481.6 | 481.3 | 480.9 | 480.5 | 480.9 | 481.3 | 481.6 |
| 152.5° | 489.8 | 490.0 | 490.1 | 490.1 | 489.7 | 489.5 | 489.2 | 488.9 | 489.2 | 489.5 | 489.7 |
| 155° | 500.4 | 500.7 | 501.0 | 501.1 | 501.0 | 500.9 | 500.8 | 500.7 | 500.8 | 500.9 | 501.0 |
| 157.5° | 509.6 | 510.0 | 510.2 | 510.4 | 510.5 | 510.5 | 510.6 | 510.7 | 510.6 | 510.5 | 510.5 |
| 160° | 515.1 | 515.1 | 515.2 | 515.4 | 515.7 | 515.9 | 516.2 | 516.5 | 516.2 | 515.9 | 515.7 |
| 162.5° | 519.9 | 520.0 | 520.0 | 520.3 | 520.6 | 520.9 | 521.3 | 521.7 | 521.3 | 520.9 | 520.6 |
| 165° | 526.2 | 526.2 | 526.2 | 526.4 | 526.8 | 527.3 | 527.7 | 528.2 | 527.7 | 527.3 | 526.8 |
| 167.5° | 531.1 | 531.2 | 531.2 | 531.5 | 532.0 | 532.4 | 532.9 | 533.3 | 532.9 | 532.4 | 532.0 |
| 170° | 534.0 | 534.0 | 533.9 | 534.1 | 534.7 | 535.2 | 535.7 | 536.3 | 535.7 | 535.2 | 534.7 |
| 172.5° | 536.0 | 535.9 | 535.8 | 536.1 | 536.6 | 537.2 | 537.7 | 538.2 | 537.7 | 537.2 | 536.6 |
| 175° | 538.1 | 538.1 | 538.0 | 538.1 | 538.7 | 539.2 | 539.8 | 540.3 | 539.8 | 539.2 | 538.7 |
| 177.5° | 539.4 | 539.2 | 539.1 | 539.3 | 539.8 | 540.3 | 540.8 | 541.3 | 540.8 | 540.3 | 539.8 |
| 180° | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1502.4 | 1497.4 | 1491.0 | 1483.6 | 1474.8 | 1466.9 | 1463.5 | 1466.4 | 1467.8 | 1463.9 | 1463.5 |
| 5° | 1456.7 | 1441.3 | 1428.9 | 1410.4 | 1395.6 | 1383.3 | 1374.7 | 1371.0 | 1372.2 | 1362.4 | 1359.9 |
| 7.5° | 1405.2 | 1387.0 | 1366.8 | 1344.8 | 1324.4 | 1306.3 | 1296.7 | 1291.6 | 1281.1 | 1276.7 | 1269.2 |
| 10° | 1372.2 | 1347.6 | 1327.8 | 1301.9 | 1278.5 | 1257.0 | 1246.4 | 1237.8 | 1227.4 | 1222.4 | 1211.9 |
| 12.5° | 1338.2 | 1309.6 | 1287.9 | 1261.0 | 1237.1 | 1211.0 | 1201.0 | 1185.1 | 1168.7 | 1158.3 | 1144.9 |
| 15° | 1290.2 | 1255.7 | 1229.2 | 1197.1 | 1168.8 | 1139.2 | 1112.7 | 1083.1 | 1072.0 | 1048.6 | 1035.0 |
| 17.5° | 1234.1 | 1199.1 | 1166.3 | 1123.3 | 1079.5 | 1042.8 | 1014.5 | 986.1 | 969.2 | 954.2 | 947.4 |
| 20° | 1197.1 | 1165.1 | 1119.5 | 1069.5 | 1020.8 | 980.2 | 957.3 | 938.9 | 920.3 | 909.9 | 902.5 |
| 22.5° | 1162.1 | 1121.1 | 1068.2 | 1014.3 | 965.6 | 933.8 | 914.4 | 895.5 | 880.4 | 870.4 | 860.6 |
| 25° | 1103.4 | 1049.8 | 993.7 | 932.1 | 898.8 | 871.0 | 850.1 | 834.6 | 825.5 | 812.4 | 807.5 |
| 27.5° | 1043.1 | 978.2 | 916.3 | 874.9 | 840.2 | 814.8 | 796.6 | 785.0 | 773.3 | 765.0 | 758.6 |
| 30° | 996.8 | 930.9 | 875.4 | 835.9 | 800.8 | 779.8 | 765.0 | 751.4 | 742.2 | 735.4 | 730.5 |
| 32.5° | 950.9 | 884.9 | 838.4 | 795.9 | 768.2 | 747.8 | 732.0 | 721.8 | 714.6 | 705.8 | 702.8 |
| 35° | 884.6 | 826.0 | 785.3 | 747.2 | 718.8 | 700.3 | 688.0 | 677.4 | 671.3 | 668.9 | 667.0 |
| 37.5° | 820.8 | 772.9 | 729.2 | 697.9 | 672.5 | 658.0 | 643.5 | 638.3 | 634.1 | 629.6 | 631.6 |
| 40° | 780.4 | 735.4 | 696.6 | 663.3 | 642.9 | 627.0 | 618.3 | 612.2 | 608.4 | 608.4 | 608.4 |
| 42.5° | 745.4 | 701.4 | 663.5 | 633.7 | 613.3 | 599.8 | 590.2 | 585.0 | 583.8 | 583.3 | 586.2 |
| 45° | 691.1 | 650.3 | 612.2 | 587.5 | 570.2 | 556.6 | 551.1 | 546.8 | 546.8 | 549.3 | 549.8 |
| 47.5° | 637.1 | 599.1 | 568.4 | 540.7 | 525.0 | 516.5 | 511.7 | 509.4 | 509.7 | 512.1 | 515.0 |
| 50° | 604.1 | 566.5 | 536.3 | 511.7 | 496.9 | 488.8 | 484.6 | 483.3 | 484.6 | 484.6 | 488.8 |
| 52.5° | 568.1 | 534.5 | 504.7 | 484.0 | 467.3 | 459.8 | 457.4 | 455.7 | 456.4 | 458.4 | 460.2 |
| 55° | 515.3 | 485.2 | 456.8 | 437.0 | 424.7 | 419.8 | 414.3 | 414.8 | 413.7 | 414.8 | 414.8 |
| 57.5° | 462.4 | 435.3 | 408.9 | 393.3 | 382.5 | 375.3 | 369.3 | 371.0 | 369.2 | 368.9 | 367.9 |
| 60° | 428.5 | 398.9 | 377.9 | 363.7 | 351.3 | 345.2 | 339.7 | 340.9 | 339.0 | 337.8 | 335.4 |
| 62.5° | 391.5 | 366.8 | 346.8 | 333.1 | 323.2 | 316.1 | 310.6 | 309.3 | 305.1 | 300.9 | 295.4 |
| 65° | 337.8 | 317.4 | 299.6 | 286.7 | 277.4 | 271.9 | 267.5 | 263.9 | 254.6 | 244.7 | 239.8 |
| 67.5° | 285.7 | 271.0 | 254.3 | 243.3 | 235.9 | 228.5 | 220.3 | 214.0 | 205.4 | 200.0 | 196.9 |
| 70° | 252.1 | 237.9 | 223.7 | 213.3 | 205.3 | 198.5 | 189.2 | 184.9 | 178.8 | 176.3 | 173.3 |
| 72.5° | 220.1 | 206.9 | 193.7 | 184.2 | 175.7 | 170.4 | 163.1 | 158.8 | 156.0 | 155.1 | 152.0 |
| 75° | 171.4 | 160.9 | 151.1 | 142.4 | 135.6 | 131.9 | 128.9 | 125.7 | 124.5 | 119.0 | 115.9 |
| 77.5° | 125.0 | 118.2 | 111.9 | 105.8 | 100.9 | 98.5 | 92.6 | 89.0 | 86.9 | 84.4 | 83.7 |
| 80° | 97.4 | 92.5 | 86.3 | 82.6 | 75.8 | 73.4 | 70.9 | 70.3 | 69.6 | 69.0 | 68.4 |
| 82.5° | 73.2 | 68.3 | 62.2 | 59.9 | 58.1 | 56.6 | 55.1 | 54.5 | 53.9 | 54.2 | 54.1 |
| 85° | 37.0 | 34.5 | 34.5 | 33.9 | 33.3 | 32.6 | 32.0 | 32.0 | 31.5 | 32.0 | 31.5 |
| 87.5° | 13.4 | 13.0 | 13.2 | 12.3 | 13.0 | 13.1 | 12.8 | 12.8 | 13.5 | 12.6 | 12.7 |
| 90° | 5.2 | 6.0 | 6.8 | 7.5 | 8.2 | 8.9 | 9.5 | 10.0 | 10.5 | 11.1 | 11.4 |
| 92.5° | 5.4 | 5.7 | 6.4 | 7.1 | 7.8 | 8.6 | 9.1 | 9.6 | 10.2 | 10.7 | 11.0 |
| 95° | 10.0 | 8.6 | 8.6 | 8.7 | 8.8 | 8.9 | 9.5 | 10.0 | 10.5 | 11.1 | 11.3 |
| 97.5° | 54.8 | 50.7 | 40.8 | 30.7 | 20.7 | 10.7 | 10.7 | 10.8 | 10.8 | 10.9 | 11.0 |
| 100° | 72.8 | 67.3 | 54.9 | 42.5 | 30.1 | 17.7 | 16.2 | 14.7 | 13.2 | 11.7 | 11.0 |
| 102.5° | 92.4 | 92.1 | 90.5 | 88.9 | 87.3 | 85.7 | 69.2 | 52.7 | 36.3 | 19.8 | 11.6 |
| 105° | 123.8 | 124.3 | 124.8 | 125.2 | 125.6 | 126.1 | 126.9 | 127.7 | 128.5 | 129.3 | 128.1 |
| 107.5° | 154.4 | 154.8 | 155.3 | 156.0 | 156.6 | 157.2 | 157.6 | 158.0 | 158.4 | 158.8 | 159.2 |
| 110° | 175.7 | 176.0 | 176.6 | 177.2 | 177.7 | 178.3 | 178.4 | 178.6 | 178.8 | 179.0 | 179.1 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 197.2 | 197.6 | 197.9 | 198.0 | 198.3 | 198.6 | 198.6 | 198.5 | 198.5 | 198.4 | 198.6 |
| 115° | 228.2 | 228.3 | 228.2 | 228.1 | 228.0 | 227.9 | 228.1 | 228.3 | 228.5 | 228.6 | 228.7 |
| 117.5° | 257.3 | 257.5 | 257.7 | 257.9 | 258.2 | 258.3 | 258.2 | 258.2 | 258.2 | 258.2 | 258.2 |
| 120° | 276.6 | 276.8 | 276.7 | 276.6 | 276.5 | 276.4 | 276.6 | 276.8 | 277.0 | 277.1 | 277.1 |
| 122.5° | 294.2 | 294.4 | 294.4 | 294.6 | 294.7 | 294.9 | 295.0 | 295.1 | 295.2 | 295.2 | 295.2 |
| 125° | 320.7 | 320.7 | 320.6 | 320.4 | 320.2 | 320.0 | 320.3 | 320.6 | 320.8 | 321.1 | 321.3 |
| 127.5° | 344.2 | 344.5 | 344.8 | 345.3 | 345.7 | 346.1 | 346.1 | 346.0 | 345.9 | 345.9 | 345.8 |
| 130° | 360.1 | 360.3 | 360.5 | 360.8 | 361.1 | 361.3 | 361.4 | 361.5 | 361.6 | 361.7 | 361.7 |
| 132.5° | 374.9 | 375.1 | 375.5 | 375.8 | 376.1 | 376.5 | 376.6 | 376.7 | 376.7 | 376.8 | 376.8 |
| 135° | 395.7 | 395.8 | 396.2 | 396.5 | 396.9 | 397.3 | 397.4 | 397.6 | 397.8 | 398.0 | 398.1 |
| 137.5° | 415.5 | 415.7 | 416.1 | 416.5 | 416.9 | 417.3 | 417.5 | 417.7 | 417.9 | 418.1 | 418.1 |
| 140° | 428.6 | 428.8 | 429.0 | 429.3 | 429.4 | 429.6 | 429.9 | 430.2 | 430.4 | 430.7 | 430.9 |
| 142.5° | 440.6 | 440.8 | 440.9 | 441.0 | 441.1 | 441.2 | 441.4 | 441.6 | 441.8 | 442.0 | 442.1 |
| 145° | 457.7 | 457.9 | 457.9 | 457.9 | 457.9 | 457.9 | 458.0 | 458.1 | 458.2 | 458.3 | 458.3 |
| 147.5° | 472.5 | 472.7 | 472.6 | 472.5 | 472.4 | 472.3 | 472.4 | 472.5 | 472.5 | 472.6 | 472.7 |
| 150° | 482.0 | 482.1 | 482.0 | 481.9 | 481.8 | 481.7 | 481.7 | 481.7 | 481.7 | 481.7 | 481.8 |
| 152.5° | 490.1 | 490.1 | 490.0 | 489.8 | 489.6 | 489.5 | 489.6 | 489.7 | 489.9 | 490.1 | 490.1 |
| 155° | 501.1 | 501.0 | 500.7 | 500.4 | 500.2 | 499.9 | 500.2 | 500.6 | 501.0 | 501.3 | 501.4 |
| 157.5° | 510.4 | 510.2 | 510.0 | 509.6 | 509.3 | 509.1 | 509.5 | 510.0 | 510.4 | 510.9 | 510.9 |
| 160° | 515.4 | 515.2 | 515.1 | 515.1 | 515.0 | 514.9 | 515.4 | 515.9 | 516.5 | 517.0 | 517.0 |
| 162.5° | 520.3 | 520.0 | 520.0 | 519.9 | 519.8 | 519.7 | 520.2 | 520.8 | 521.3 | 521.8 | 521.8 |
| 165° | 526.4 | 526.2 | 526.2 | 526.2 | 526.2 | 526.2 | 526.9 | 527.6 | 528.3 | 529.1 | 529.0 |
| 167.5° | 531.5 | 531.2 | 531.2 | 531.1 | 531.1 | 531.0 | 531.8 | 532.6 | 533.4 | 534.2 | 534.1 |
| 170° | 534.1 | 533.9 | 534.0 | 534.0 | 534.1 | 534.2 | 534.9 | 535.7 | 536.4 | 537.2 | 537.1 |
| 172.5° | 536.1 | 535.8 | 535.9 | 536.0 | 536.1 | 536.2 | 536.9 | 537.6 | 538.3 | 539.0 | 539.0 |
| 175° | 538.1 | 538.0 | 538.1 | 538.1 | 538.2 | 538.3 | 539.1 | 539.9 | 540.7 | 541.5 | 541.4 |
| 177.5° | 539.3 | 539.1 | 539.2 | 539.4 | 539.5 | 539.7 | 540.2 | 540.8 | 541.4 | 542.0 | 541.8 |
| 180° | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1460.4 | 1461.4 | 1458.0 | 1457.1 | 1458.0 | 1461.4 | 1460.4 | 1463.5 | 1463.9 | 1467.8 | 1466.4 |
| 5° | 1355.0 | 1353.7 | 1350.6 | 1351.2 | 1350.6 | 1353.7 | 1355.0 | 1359.9 | 1362.4 | 1372.2 | 1371.0 |
| 7.5° | 1264.7 | 1259.9 | 1261.2 | 1256.3 | 1261.2 | 1259.9 | 1264.7 | 1269.2 | 1276.7 | 1281.1 | 1291.6 |
| 10° | 1209.4 | 1202.7 | 1197.1 | 1192.2 | 1197.1 | 1202.7 | 1209.4 | 1211.9 | 1222.4 | 1227.4 | 1237.8 |
| 12.5° | 1134.0 | 1128.2 | 1120.7 | 1122.2 | 1120.7 | 1128.2 | 1134.0 | 1144.9 | 1158.3 | 1168.7 | 1185.1 |
| 15° | 1027.0 | 1017.7 | 1003.0 | 1004.8 | 1003.0 | 1017.7 | 1027.0 | 1035.0 | 1048.6 | 1072.0 | 1083.1 |
| 17.5° | 936.4 | 936.5 | 929.7 | 931.3 | 929.7 | 936.5 | 936.4 | 947.4 | 954.2 | 969.2 | 986.1 |
| 20° | 889.6 | 885.2 | 885.8 | 884.0 | 885.8 | 885.2 | 889.6 | 902.5 | 909.9 | 920.3 | 938.9 |
| 22.5° | 857.0 | 851.7 | 847.4 | 843.6 | 847.4 | 851.7 | 857.0 | 860.6 | 870.4 | 880.4 | 895.5 |
| 25° | 802.0 | 798.3 | 792.7 | 791.5 | 792.7 | 798.3 | 802.0 | 807.5 | 812.4 | 825.5 | 834.6 |
| 27.5° | 753.7 | 753.0 | 750.7 | 747.9 | 750.7 | 753.0 | 753.7 | 758.6 | 765.0 | 773.3 | 785.0 |
| 30° | 725.6 | 724.3 | 723.1 | 721.2 | 723.1 | 724.3 | 725.6 | 730.5 | 735.4 | 742.2 | 751.4 |
| 32.5° | 700.4 | 699.6 | 698.4 | 698.6 | 698.4 | 699.6 | 700.4 | 702.8 | 705.8 | 714.6 | 721.8 |
| 35° | 664.5 | 663.9 | 662.7 | 662.1 | 662.7 | 663.9 | 664.5 | 667.0 | 668.9 | 671.3 | 677.4 |
| 37.5° | 631.0 | 632.6 | 631.9 | 631.7 | 631.9 | 632.6 | 631.0 | 631.6 | 629.6 | 634.1 | 638.3 |
| 40° | 607.8 | 608.4 | 609.7 | 609.0 | 609.7 | 608.4 | 607.8 | 608.4 | 608.4 | 608.4 | 612.2 |
| 42.5° | 588.6 | 588.7 | 590.4 | 588.4 | 590.4 | 588.7 | 588.6 | 586.2 | 583.3 | 583.8 | 585.0 |
| 45° | 554.2 | 557.9 | 557.2 | 557.2 | 557.2 | 557.9 | 554.2 | 549.8 | 549.3 | 546.8 | 546.8 |
| 47.5° | 516.6 | 519.8 | 520.7 | 520.5 | 520.7 | 519.8 | 516.6 | 515.0 | 512.1 | 509.7 | 509.4 |
| 50° | 492.0 | 490.7 | 492.6 | 492.0 | 492.6 | 490.7 | 492.0 | 488.8 | 484.6 | 484.6 | 483.3 |
| 52.5° | 461.8 | 462.1 | 462.0 | 461.4 | 462.0 | 462.1 | 461.8 | 460.2 | 458.4 | 456.4 | 455.7 |
| 55° | 415.4 | 416.1 | 414.8 | 415.4 | 414.8 | 416.1 | 415.4 | 414.8 | 414.8 | 413.7 | 414.8 |
| 57.5° | 365.2 | 362.2 | 363.5 | 361.9 | 363.5 | 362.2 | 365.2 | 367.9 | 368.9 | 369.2 | 371.0 |
| 60° | 329.2 | 324.2 | 323.0 | 320.6 | 323.0 | 324.2 | 329.2 | 335.4 | 337.8 | 339.0 | 340.9 |
| 62.5° | 288.7 | 285.3 | 281.1 | 283.0 | 281.1 | 285.3 | 288.7 | 295.4 | 300.9 | 305.1 | 309.3 |
| 65° | 234.9 | 232.4 | 230.5 | 233.0 | 230.5 | 232.4 | 234.9 | 239.8 | 244.7 | 254.6 | 263.9 |
| 67.5° | 194.4 | 193.1 | 193.1 | 191.8 | 193.1 | 193.1 | 194.4 | 196.9 | 200.0 | 205.4 | 214.0 |
| 70° | 173.3 | 171.4 | 171.4 | 170.1 | 171.4 | 171.4 | 173.3 | 173.3 | 176.3 | 178.8 | 184.9 |
| 72.5° | 151.5 | 149.6 | 150.2 | 149.5 | 150.2 | 149.6 | 151.5 | 152.0 | 155.1 | 156.0 | 158.8 |
| 75° | 112.2 | 109.1 | 109.1 | 109.8 | 109.1 | 109.1 | 112.2 | 115.9 | 119.0 | 124.5 | 125.7 |
| 77.5° | 83.7 | 83.1 | 84.0 | 82.8 | 84.0 | 83.1 | 83.7 | 83.7 | 84.4 | 86.9 | 89.0 |
| 80° | 68.4 | 67.8 | 67.2 | 69.0 | 67.2 | 67.8 | 68.4 | 68.4 | 69.0 | 69.6 | 70.3 |
| 82.5° | 53.1 | 53.1 | 52.9 | 55.2 | 52.9 | 53.1 | 53.1 | 54.1 | 54.2 | 53.9 | 54.5 |
| 85° | 32.0 | 30.9 | 32.0 | 30.9 | 32.0 | 30.9 | 32.0 | 31.5 | 32.0 | 31.5 | 32.0 |
| 87.5° | 13.6 | 13.2 | 12.8 | 13.3 | 12.8 | 13.2 | 13.6 | 12.7 | 12.6 | 13.5 | 12.8 |
| 90° | 11.6 | 11.8 | 11.9 | 12.1 | 11.9 | 11.8 | 11.6 | 11.4 | 11.1 | 10.5 | 10.0 |
| 92.5° | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.0 | 10.7 | 10.2 | 9.6 |
| 95° | 11.4 | 11.5 | 11.6 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.1 | 10.5 | 10.0 |
| 97.5° | 11.1 | 11.1 | 11.2 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 10.9 | 10.8 | 10.8 |
| 100° | 11.1 | 11.1 | 11.2 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.7 | 13.2 | 14.7 |
| 102.5° | 11.6 | 11.6 | 11.6 | 11.7 | 11.6 | 11.6 | 11.6 | 11.6 | 19.8 | 36.3 | 52.7 |
| 105° | 124.8 | 121.6 | 118.4 | 115.2 | 118.4 | 121.6 | 124.8 | 128.1 | 129.3 | 128.5 | 127.7 |
| 107.5° | 159.5 | 159.8 | 160.2 | 160.5 | 160.2 | 159.8 | 159.5 | 159.2 | 158.8 | 158.4 | 158.0 |
| 110° | 179.4 | 179.7 | 179.9 | 180.2 | 179.9 | 179.7 | 179.4 | 179.1 | 179.0 | 178.8 | 178.6 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 198.9 | 199.3 | 199.7 | 199.9 | 199.7 | 199.3 | 198.9 | 198.6 | 198.4 | 198.5 | 198.5 |
| 115° | 228.7 | 228.7 | 228.7 | 228.7 | 228.7 | 228.7 | 228.7 | 228.7 | 228.6 | 228.5 | 228.3 |
| 117.5° | 258.1 | 258.1 | 258.1 | 258.0 | 258.1 | 258.1 | 258.1 | 258.2 | 258.2 | 258.2 | 258.2 |
| 120° | 277.0 | 276.8 | 276.6 | 276.4 | 276.6 | 276.8 | 277.0 | 277.1 | 277.1 | 277.0 | 276.8 |
| 122.5° | 295.1 | 294.9 | 294.7 | 294.5 | 294.7 | 294.9 | 295.1 | 295.2 | 295.2 | 295.2 | 295.1 |
| 125° | 321.4 | 321.5 | 321.6 | 321.6 | 321.6 | 321.5 | 321.4 | 321.3 | 321.1 | 320.8 | 320.6 |
| 127.5° | 345.7 | 345.6 | 345.6 | 345.5 | 345.6 | 345.6 | 345.7 | 345.8 | 345.9 | 345.9 | 346.0 |
| 130° | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 | 361.6 | 361.5 |
| 132.5° | 376.7 | 376.7 | 376.7 | 376.6 | 376.7 | 376.7 | 376.7 | 376.8 | 376.8 | 376.7 | 376.7 |
| 135° | 398.3 | 398.5 | 398.7 | 398.9 | 398.7 | 398.5 | 398.3 | 398.1 | 398.0 | 397.8 | 397.6 |
| 137.5° | 418.1 | 418.0 | 418.0 | 417.9 | 418.0 | 418.0 | 418.1 | 418.1 | 418.1 | 417.9 | 417.7 |
| 140° | 431.0 | 431.1 | 431.1 | 431.2 | 431.1 | 431.1 | 431.0 | 430.9 | 430.7 | 430.4 | 430.2 |
| 142.5° | 442.1 | 442.2 | 442.2 | 442.2 | 442.2 | 442.2 | 442.1 | 442.1 | 442.0 | 441.8 | 441.6 |
| 145° | 458.5 | 458.7 | 458.9 | 459.1 | 458.9 | 458.7 | 458.5 | 458.3 | 458.3 | 458.2 | 458.1 |
| 147.5° | 472.8 | 472.9 | 473.0 | 473.1 | 473.0 | 472.9 | 472.8 | 472.7 | 472.6 | 472.5 | 472.5 |
| 150° | 481.9 | 482.0 | 482.1 | 482.1 | 482.1 | 482.0 | 481.9 | 481.8 | 481.7 | 481.7 | 481.7 |
| 152.5° | 490.1 | 490.0 | 489.9 | 489.9 | 489.9 | 490.0 | 490.1 | 490.1 | 490.1 | 489.9 | 489.7 |
| 155° | 501.1 | 500.9 | 500.6 | 500.3 | 500.6 | 500.9 | 501.1 | 501.4 | 501.3 | 501.0 | 500.6 |
| 157.5° | 510.4 | 510.0 | 509.5 | 509.1 | 509.5 | 510.0 | 510.4 | 510.9 | 510.9 | 510.4 | 510.0 |
| 160° | 516.5 | 515.9 | 515.4 | 514.9 | 515.4 | 515.9 | 516.5 | 517.0 | 517.0 | 516.5 | 515.9 |
| 162.5° | 521.2 | 520.6 | 520.0 | 519.4 | 520.0 | 520.6 | 521.2 | 521.8 | 521.8 | 521.3 | 520.8 |
| 165° | 528.2 | 527.4 | 526.6 | 525.8 | 526.6 | 527.4 | 528.2 | 529.0 | 529.1 | 528.3 | 527.6 |
| 167.5° | 533.2 | 532.4 | 531.5 | 530.6 | 531.5 | 532.4 | 533.2 | 534.1 | 534.2 | 533.4 | 532.6 |
| 170° | 536.1 | 535.2 | 534.3 | 533.4 | 534.3 | 535.2 | 536.1 | 537.1 | 537.2 | 536.4 | 535.7 |
| 172.5° | 538.0 | 537.0 | 536.0 | 535.0 | 536.0 | 537.0 | 538.0 | 539.0 | 539.0 | 538.3 | 537.6 |
| 175° | 540.3 | 539.2 | 538.1 | 537.1 | 538.1 | 539.2 | 540.3 | 541.4 | 541.5 | 540.7 | 539.9 |
| 177.5° | 541.0 | 540.1 | 539.2 | 538.4 | 539.2 | 540.1 | 541.0 | 541.8 | 542.0 | 541.4 | 540.8 |
| 180° | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1463.5 | 1466.9 | 1474.8 | 1483.6 | 1491.0 | 1497.4 | 1502.4 | 1509.3 | 1515.7 | 1524.6 | 1532.9 |
| 5° | 1374.7 | 1383.3 | 1395.6 | 1410.4 | 1428.9 | 1441.3 | 1456.7 | 1470.3 | 1490.0 | 1509.7 | 1528.7 |
| 7.5° | 1296.7 | 1306.3 | 1324.4 | 1344.8 | 1366.8 | 1387.0 | 1405.2 | 1429.1 | 1455.3 | 1484.0 | 1516.1 |
| 10° | 1246.4 | 1257.0 | 1278.5 | 1301.9 | 1327.8 | 1347.6 | 1372.2 | 1400.5 | 1430.1 | 1465.3 | 1504.8 |
| 12.5° | 1201.0 | 1211.0 | 1237.1 | 1261.0 | 1287.9 | 1309.6 | 1338.2 | 1367.0 | 1406.5 | 1444.6 | 1489.4 |
| 15° | 1112.7 | 1139.2 | 1168.8 | 1197.1 | 1229.2 | 1255.7 | 1290.2 | 1319.8 | 1357.5 | 1411.0 | 1462.2 |
| 17.5° | 1014.5 | 1042.8 | 1079.5 | 1123.3 | 1166.3 | 1199.1 | 1234.1 | 1270.9 | 1315.6 | 1370.4 | 1429.4 |
| 20° | 957.3 | 980.2 | 1020.8 | 1069.5 | 1119.5 | 1165.1 | 1197.1 | 1237.8 | 1284.1 | 1343.3 | 1404.3 |
| 22.5° | 914.4 | 933.8 | 965.6 | 1014.3 | 1068.2 | 1121.1 | 1162.1 | 1202.3 | 1253.5 | 1312.7 | 1379.1 |
| 25° | 850.1 | 871.0 | 898.8 | 932.1 | 993.7 | 1049.8 | 1103.4 | 1149.7 | 1203.9 | 1263.1 | 1337.0 |
| 27.5° | 796.6 | 814.8 | 840.2 | 874.9 | 916.3 | 978.2 | 1043.1 | 1095.9 | 1151.6 | 1215.0 | 1289.1 |
| 30° | 765.0 | 779.8 | 800.8 | 835.9 | 875.4 | 930.9 | 996.8 | 1058.5 | 1114.5 | 1180.4 | 1257.6 |
| 32.5° | 732.0 | 747.8 | 768.2 | 795.9 | 838.4 | 884.9 | 950.9 | 1018.5 | 1078.1 | 1145.5 | 1221.0 |
| 35° | 688.0 | 700.3 | 718.8 | 747.2 | 785.3 | 826.0 | 884.6 | 954.2 | 1017.2 | 1089.2 | 1161.4 |
| 37.5° | 643.5 | 658.0 | 672.5 | 697.9 | 729.2 | 772.9 | 820.8 | 892.0 | 961.6 | 1027.5 | 1097.9 |
| 40° | 618.3 | 627.0 | 642.9 | 663.3 | 696.6 | 735.4 | 780.4 | 850.1 | 919.7 | 985.1 | 1056.0 |
| 42.5° | 590.2 | 599.8 | 613.3 | 633.7 | 663.5 | 701.4 | 745.4 | 805.7 | 878.3 | 941.6 | 1006.1 |
| 45° | 551.1 | 556.6 | 570.2 | 587.5 | 612.2 | 650.3 | 691.1 | 744.7 | 813.1 | 873.5 | 930.2 |
| 47.5° | 511.7 | 516.5 | 525.0 | 540.7 | 568.4 | 599.1 | 637.1 | 685.3 | 745.3 | 805.7 | 853.6 |
| 50° | 484.6 | 488.8 | 496.9 | 511.7 | 536.3 | 566.5 | 604.1 | 647.3 | 700.9 | 758.8 | 798.9 |
| 52.5° | 457.4 | 459.8 | 467.3 | 484.0 | 504.7 | 534.5 | 568.1 | 607.8 | 658.0 | 706.1 | 746.6 |
| 55° | 414.3 | 419.8 | 424.7 | 437.0 | 456.8 | 485.2 | 515.3 | 552.9 | 591.8 | 632.5 | 667.0 |
| 57.5° | 369.3 | 375.3 | 382.5 | 393.3 | 408.9 | 435.3 | 462.4 | 492.9 | 526.1 | 559.8 | 588.8 |
| 60° | 339.7 | 345.2 | 351.3 | 363.7 | 377.9 | 398.9 | 428.5 | 455.0 | 480.2 | 511.0 | 540.0 |
| 62.5° | 310.6 | 316.1 | 323.2 | 333.1 | 346.8 | 366.8 | 391.5 | 414.5 | 440.8 | 467.6 | 489.2 |
| 65° | 267.5 | 271.9 | 277.4 | 286.7 | 299.6 | 317.4 | 337.8 | 355.7 | 379.2 | 398.9 | 418.6 |
| 67.5° | 220.3 | 228.5 | 235.9 | 243.3 | 254.3 | 271.0 | 285.7 | 302.8 | 318.7 | 333.4 | 351.3 |
| 70° | 189.2 | 198.5 | 205.3 | 213.3 | 223.7 | 237.9 | 252.1 | 263.9 | 276.8 | 291.0 | 307.0 |
| 72.5° | 163.1 | 170.4 | 175.7 | 184.2 | 193.7 | 206.9 | 220.1 | 229.8 | 240.3 | 250.0 | 265.6 |
| 75° | 128.9 | 131.9 | 135.6 | 142.4 | 151.1 | 160.9 | 171.4 | 180.0 | 186.2 | 194.8 | 205.9 |
| 77.5° | 92.6 | 98.5 | 100.9 | 105.8 | 111.9 | 118.2 | 125.0 | 132.3 | 138.2 | 141.2 | 149.8 |
| 80° | 70.9 | 73.4 | 75.8 | 82.6 | 86.3 | 92.5 | 97.4 | 104.2 | 106.6 | 109.8 | 117.7 |
| 82.5° | 55.1 | 56.6 | 58.1 | 59.9 | 62.2 | 68.3 | 73.2 | 77.6 | 80.0 | 81.1 | 87.2 |
| 85° | 32.0 | 32.6 | 33.3 | 33.9 | 34.5 | 34.5 | 37.0 | 40.0 | 44.4 | 44.4 | 46.2 |
| 87.5° | 12.8 | 13.1 | 13.0 | 12.3 | 13.2 | 13.0 | 13.4 | 13.2 | 14.4 | 15.7 | 17.0 |
| 90° | 9.5 | 8.9 | 8.2 | 7.5 | 6.8 | 6.0 | 5.2 | 4.2 | 3.2 | 2.2 | 1.2 |
| 92.5° | 9.1 | 8.6 | 7.8 | 7.1 | 6.4 | 5.7 | 5.4 | 5.3 | 5.2 | 5.2 | 5.1 |
| 95° | 9.5 | 8.9 | 8.8 | 8.7 | 8.6 | 8.6 | 10.0 | 13.1 | 16.1 | 19.2 | 22.2 |
| 97.5° | 10.7 | 10.7 | 20.7 | 30.7 | 40.8 | 50.7 | 54.8 | 52.9 | 51.0 | 49.1 | 47.2 |
| 100° | 16.2 | 17.7 | 30.1 | 42.5 | 54.9 | 67.3 | 72.8 | 71.2 | 69.6 | 67.9 | 66.3 |
| 102.5° | 69.2 | 85.7 | 87.3 | 88.9 | 90.5 | 92.1 | 92.4 | 91.1 | 90.0 | 88.8 | 87.7 |
| 105° | 126.9 | 126.1 | 125.6 | 125.2 | 124.8 | 124.3 | 123.8 | 123.2 | 122.7 | 122.2 | 121.6 |
| 107.5° | 157.6 | 157.2 | 156.6 | 156.0 | 155.3 | 154.8 | 154.4 | 154.1 | 153.8 | 153.6 | 153.3 |
| 110° | 178.4 | 178.3 | 177.7 | 177.2 | 176.6 | 176.0 | 175.7 | 175.4 | 175.1 | 174.9 | 174.6 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 198.6 | 198.6 | 198.3 | 198.0 | 197.9 | 197.6 | 197.2 | 196.7 | 196.3 | 195.7 | 195.3 |
| 115° | 228.1 | 227.9 | 228.0 | 228.1 | 228.2 | 228.3 | 228.2 | 227.9 | 227.7 | 227.4 | 227.1 |
| 117.5° | 258.2 | 258.3 | 258.2 | 257.9 | 257.7 | 257.5 | 257.3 | 256.9 | 256.5 | 256.2 | 255.8 |
| 120° | 276.6 | 276.4 | 276.5 | 276.6 | 276.7 | 276.8 | 276.6 | 276.3 | 275.9 | 275.5 | 275.2 |
| 122.5° | 295.0 | 294.9 | 294.7 | 294.6 | 294.4 | 294.4 | 294.2 | 294.0 | 293.7 | 293.6 | 293.3 |
| 125° | 320.3 | 320.0 | 320.2 | 320.4 | 320.6 | 320.7 | 320.7 | 320.3 | 319.9 | 319.6 | 319.2 |
| 127.5° | 346.1 | 346.1 | 345.7 | 345.3 | 344.8 | 344.5 | 344.2 | 344.1 | 344.0 | 343.9 | 343.8 |
| 130° | 361.4 | 361.3 | 361.1 | 360.8 | 360.5 | 360.3 | 360.1 | 360.0 | 359.9 | 359.7 | 359.6 |
| 132.5° | 376.6 | 376.5 | 376.1 | 375.8 | 375.5 | 375.1 | 374.9 | 374.7 | 374.5 | 374.3 | 374.3 |
| 135° | 397.4 | 397.3 | 396.9 | 396.5 | 396.2 | 395.8 | 395.7 | 395.7 | 395.8 | 395.9 | 396.0 |
| 137.5° | 417.5 | 417.3 | 416.9 | 416.5 | 416.1 | 415.7 | 415.5 | 415.4 | 415.4 | 415.4 | 415.4 |
| 140° | 429.9 | 429.6 | 429.4 | 429.3 | 429.0 | 428.8 | 428.6 | 428.5 | 428.3 | 428.1 | 427.9 |
| 142.5° | 441.4 | 441.2 | 441.1 | 441.0 | 440.9 | 440.8 | 440.6 | 440.2 | 440.0 | 439.6 | 439.3 |
| 145° | 458.0 | 457.9 | 457.9 | 457.9 | 457.9 | 457.9 | 457.7 | 457.4 | 457.2 | 456.9 | 456.6 |
| 147.5° | 472.4 | 472.3 | 472.4 | 472.5 | 472.6 | 472.7 | 472.5 | 472.0 | 471.4 | 471.0 | 470.5 |
| 150° | 481.7 | 481.7 | 481.8 | 481.9 | 482.0 | 482.1 | 482.0 | 481.6 | 481.3 | 480.9 | 480.5 |
| 152.5° | 489.6 | 489.5 | 489.6 | 489.8 | 490.0 | 490.1 | 490.1 | 489.7 | 489.5 | 489.2 | 488.9 |
| 155° | 500.2 | 499.9 | 500.2 | 500.4 | 500.7 | 501.0 | 501.1 | 501.0 | 500.9 | 500.8 | 500.7 |
| 157.5° | 509.5 | 509.1 | 509.3 | 509.6 | 510.0 | 510.2 | 510.4 | 510.5 | 510.5 | 510.6 | 510.7 |
| 160° | 515.4 | 514.9 | 515.0 | 515.1 | 515.1 | 515.2 | 515.4 | 515.7 | 515.9 | 516.2 | 516.5 |
| 162.5° | 520.2 | 519.7 | 519.8 | 519.9 | 520.0 | 520.0 | 520.3 | 520.6 | 520.9 | 521.3 | 521.7 |
| 165° | 526.9 | 526.2 | 526.2 | 526.2 | 526.2 | 526.2 | 526.4 | 526.8 | 527.3 | 527.7 | 528.2 |
| 167.5° | 531.8 | 531.0 | 531.1 | 531.1 | 531.2 | 531.2 | 531.5 | 532.0 | 532.4 | 532.9 | 533.3 |
| 170° | 534.9 | 534.2 | 534.1 | 534.0 | 534.0 | 533.9 | 534.1 | 534.7 | 535.2 | 535.7 | 536.3 |
| 172.5° | 536.9 | 536.2 | 536.1 | 536.0 | 535.9 | 535.8 | 536.1 | 536.6 | 537.2 | 537.7 | 538.2 |
| 175° | 539.1 | 538.3 | 538.2 | 538.1 | 538.1 | 538.0 | 538.1 | 538.7 | 539.2 | 539.8 | 540.3 |
| 177.5° | 540.2 | 539.7 | 539.5 | 539.4 | 539.2 | 539.1 | 539.3 | 539.8 | 540.3 | 540.8 | 541.3 |
| 180° | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1539.4 | 1543.8 | 1548.7 | 1558.1 | 1566.0 | 1569.5 | 1576.4 | 1581.3 | 1579.8 | 1586.7 | 1598.6 |
| 5° | 1545.4 | 1562.1 | 1581.2 | 1600.9 | 1623.1 | 1641.6 | 1656.4 | 1671.2 | 1682.9 | 1697.1 | 1718.1 |
| 7.5° | 1544.4 | 1574.0 | 1606.2 | 1641.6 | 1677.9 | 1709.4 | 1738.5 | 1768.1 | 1794.3 | 1823.1 | 1860.6 |
| 10° | 1540.5 | 1579.9 | 1620.0 | 1666.3 | 1712.4 | 1756.2 | 1795.7 | 1832.6 | 1867.9 | 1905.4 | 1952.9 |
| 12.5° | 1536.1 | 1581.4 | 1629.9 | 1685.5 | 1743.0 | 1795.7 | 1842.1 | 1895.3 | 1939.3 | 1987.8 | 2042.6 |
| 15° | 1516.4 | 1577.4 | 1643.4 | 1715.6 | 1784.6 | 1855.5 | 1919.0 | 1984.3 | 2045.3 | 2103.3 | 2172.4 |
| 17.5° | 1494.0 | 1564.4 | 1642.2 | 1727.4 | 1810.4 | 1896.6 | 1971.8 | 2054.2 | 2116.7 | 2194.4 | 2258.5 |
| 20° | 1475.8 | 1551.6 | 1634.8 | 1730.4 | 1824.7 | 1920.2 | 2003.4 | 2087.3 | 2157.6 | 2235.9 | 2317.2 |
| 22.5° | 1453.6 | 1536.8 | 1626.9 | 1725.9 | 1824.7 | 1929.1 | 2021.2 | 2104.5 | 2191.6 | 2279.7 | 2363.6 |
| 25° | 1417.8 | 1504.1 | 1599.6 | 1708.2 | 1821.6 | 1928.2 | 2026.9 | 2130.4 | 2224.1 | 2319.7 | 2394.9 |
| 27.5° | 1373.9 | 1464.5 | 1565.3 | 1677.2 | 1793.6 | 1902.8 | 2019.0 | 2129.3 | 2223.7 | 2315.6 | 2381.2 |
| 30° | 1338.9 | 1434.5 | 1531.2 | 1644.7 | 1765.5 | 1882.6 | 2007.2 | 2117.5 | 2216.7 | 2299.4 | 2336.3 |
| 32.5° | 1302.9 | 1393.6 | 1493.3 | 1608.2 | 1732.0 | 1858.0 | 1981.5 | 2094.3 | 2186.1 | 2235.7 | 2236.7 |
| 35° | 1240.3 | 1325.3 | 1428.9 | 1541.8 | 1668.7 | 1805.5 | 1930.7 | 2041.7 | 2097.7 | 2102.0 | 2041.7 |
| 37.5° | 1172.0 | 1250.0 | 1347.8 | 1460.7 | 1599.8 | 1735.9 | 1863.8 | 1937.7 | 1956.5 | 1893.7 | 1782.0 |
| 40° | 1123.2 | 1195.2 | 1289.6 | 1405.5 | 1543.6 | 1684.1 | 1800.6 | 1854.8 | 1835.1 | 1733.4 | 1608.9 |
| 42.5° | 1071.8 | 1139.1 | 1229.9 | 1344.3 | 1482.9 | 1625.0 | 1724.2 | 1753.3 | 1701.0 | 1583.5 | 1437.8 |
| 45° | 988.2 | 1049.8 | 1139.8 | 1255.1 | 1388.2 | 1521.3 | 1596.6 | 1581.8 | 1494.9 | 1355.6 | 1192.2 |
| 47.5° | 901.0 | 960.6 | 1041.5 | 1148.2 | 1284.5 | 1399.5 | 1450.4 | 1405.8 | 1282.1 | 1128.8 | 996.0 |
| 50° | 843.3 | 904.3 | 978.9 | 1080.7 | 1205.1 | 1316.1 | 1348.8 | 1280.9 | 1143.5 | 996.1 | 874.1 |
| 52.5° | 786.6 | 838.7 | 911.9 | 1010.1 | 1129.2 | 1222.9 | 1240.3 | 1162.1 | 1020.2 | 888.1 | 779.9 |
| 55° | 700.3 | 747.8 | 809.4 | 901.9 | 1004.8 | 1084.3 | 1075.0 | 974.6 | 845.8 | 733.0 | 647.9 |
| 57.5° | 616.8 | 652.6 | 709.5 | 796.2 | 886.5 | 940.0 | 906.2 | 820.5 | 700.4 | 608.1 | 536.3 |
| 60° | 561.6 | 594.9 | 647.9 | 723.7 | 803.3 | 833.4 | 805.0 | 712.0 | 617.1 | 532.6 | 472.2 |
| 62.5° | 509.3 | 538.7 | 584.2 | 654.7 | 718.9 | 736.7 | 706.4 | 625.2 | 539.7 | 467.5 | 417.5 |
| 65° | 433.4 | 460.5 | 499.4 | 549.3 | 593.6 | 602.3 | 582.6 | 499.4 | 434.6 | 374.2 | 339.7 |
| 67.5° | 364.4 | 382.2 | 412.5 | 455.7 | 479.2 | 484.3 | 446.2 | 393.9 | 336.8 | 299.7 | 273.7 |
| 70° | 318.1 | 330.4 | 358.7 | 382.2 | 401.3 | 401.9 | 366.8 | 324.9 | 281.1 | 250.9 | 231.8 |
| 72.5° | 273.2 | 285.1 | 306.5 | 322.5 | 337.2 | 332.4 | 300.2 | 267.2 | 231.8 | 209.0 | 194.8 |
| 75° | 210.8 | 221.3 | 232.4 | 239.8 | 239.8 | 233.6 | 210.2 | 185.6 | 165.2 | 151.7 | 147.3 |
| 77.5° | 153.3 | 161.8 | 165.6 | 164.4 | 162.3 | 152.7 | 137.9 | 121.7 | 114.4 | 108.0 | 104.8 |
| 80° | 120.2 | 123.9 | 125.1 | 122.1 | 118.3 | 107.3 | 97.4 | 90.6 | 83.8 | 81.4 | 80.2 |
| 82.5° | 89.2 | 92.4 | 89.2 | 90.0 | 81.9 | 72.8 | 67.3 | 65.0 | 62.2 | 61.2 | 59.9 |
| 85° | 47.4 | 46.8 | 45.7 | 42.5 | 37.0 | 35.8 | 35.1 | 34.5 | 33.3 | 33.9 | 32.6 |
| 87.5° | 16.7 | 15.4 | 13.6 | 13.4 | 13.6 | 12.7 | 13.3 | 13.5 | 13.6 | 13.2 | 14.4 |
| 90° | 2.2 | 3.2 | 4.2 | 5.2 | 6.0 | 6.8 | 7.5 | 8.2 | 8.9 | 9.5 | 10.0 |
| 92.5° | 5.2 | 5.2 | 5.3 | 5.4 | 5.7 | 6.4 | 7.1 | 7.8 | 8.6 | 9.1 | 9.6 |
| 95° | 19.2 | 16.1 | 13.1 | 10.0 | 8.6 | 8.6 | 8.7 | 8.8 | 8.9 | 9.5 | 10.0 |
| 97.5° | 49.1 | 51.0 | 52.9 | 54.8 | 50.7 | 40.8 | 30.7 | 20.7 | 10.7 | 10.7 | 10.8 |
| 100° | 67.9 | 69.6 | 71.2 | 72.8 | 67.3 | 54.9 | 42.5 | 30.1 | 17.7 | 16.2 | 14.7 |
| 102.5° | 88.8 | 90.0 | 91.1 | 92.4 | 92.1 | 90.5 | 88.9 | 87.3 | 85.7 | 69.2 | 52.7 |
| 105° | 122.2 | 122.7 | 123.2 | 123.8 | 124.3 | 124.8 | 125.2 | 125.6 | 126.1 | 126.9 | 127.7 |
| 107.5° | 153.6 | 153.8 | 154.1 | 154.4 | 154.8 | 155.3 | 156.0 | 156.6 | 157.2 | 157.6 | 158.0 |
| 110° | 174.9 | 175.1 | 175.4 | 175.7 | 176.0 | 176.6 | 177.2 | 177.7 | 178.3 | 178.4 | 178.6 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 195.7 | 196.3 | 196.7 | 197.2 | 197.6 | 197.9 | 198.0 | 198.3 | 198.6 | 198.6 | 198.5 |
| 115° | 227.4 | 227.7 | 227.9 | 228.2 | 228.3 | 228.2 | 228.1 | 228.0 | 227.9 | 228.1 | 228.3 |
| 117.5° | 256.2 | 256.5 | 256.9 | 257.3 | 257.5 | 257.7 | 257.9 | 258.2 | 258.3 | 258.2 | 258.2 |
| 120° | 275.5 | 275.9 | 276.3 | 276.6 | 276.8 | 276.7 | 276.6 | 276.5 | 276.4 | 276.6 | 276.8 |
| 122.5° | 293.6 | 293.7 | 294.0 | 294.2 | 294.4 | 294.4 | 294.6 | 294.7 | 294.9 | 295.0 | 295.1 |
| 125° | 319.6 | 319.9 | 320.3 | 320.7 | 320.7 | 320.6 | 320.4 | 320.2 | 320.0 | 320.3 | 320.6 |
| 127.5° | 343.9 | 344.0 | 344.1 | 344.2 | 344.5 | 344.8 | 345.3 | 345.7 | 346.1 | 346.1 | 346.0 |
| 130° | 359.7 | 359.9 | 360.0 | 360.1 | 360.3 | 360.5 | 360.8 | 361.1 | 361.3 | 361.4 | 361.5 |
| 132.5° | 374.3 | 374.5 | 374.7 | 374.9 | 375.1 | 375.5 | 375.8 | 376.1 | 376.5 | 376.6 | 376.7 |
| 135° | 395.9 | 395.8 | 395.7 | 395.7 | 395.8 | 396.2 | 396.5 | 396.9 | 397.3 | 397.4 | 397.6 |
| 137.5° | 415.4 | 415.4 | 415.4 | 415.5 | 415.7 | 416.1 | 416.5 | 416.9 | 417.3 | 417.5 | 417.7 |
| 140° | 428.1 | 428.3 | 428.5 | 428.6 | 428.8 | 429.0 | 429.3 | 429.4 | 429.6 | 429.9 | 430.2 |
| 142.5° | 439.6 | 440.0 | 440.2 | 440.6 | 440.8 | 440.9 | 441.0 | 441.1 | 441.2 | 441.4 | 441.6 |
| 145° | 456.9 | 457.2 | 457.4 | 457.7 | 457.9 | 457.9 | 457.9 | 457.9 | 457.9 | 458.0 | 458.1 |
| 147.5° | 471.0 | 471.4 | 472.0 | 472.5 | 472.7 | 472.6 | 472.5 | 472.4 | 472.3 | 472.4 | 472.5 |
| 150° | 480.9 | 481.3 | 481.6 | 482.0 | 482.1 | 482.0 | 481.9 | 481.8 | 481.7 | 481.7 | 481.7 |
| 152.5° | 489.2 | 489.5 | 489.7 | 490.1 | 490.1 | 490.0 | 489.8 | 489.6 | 489.5 | 489.6 | 489.7 |
| 155° | 500.8 | 500.9 | 501.0 | 501.1 | 501.0 | 500.7 | 500.4 | 500.2 | 499.9 | 500.2 | 500.6 |
| 157.5° | 510.6 | 510.5 | 510.5 | 510.4 | 510.2 | 510.0 | 509.6 | 509.3 | 509.1 | 509.5 | 510.0 |
| 160° | 516.2 | 515.9 | 515.7 | 515.4 | 515.2 | 515.1 | 515.1 | 515.0 | 514.9 | 515.4 | 515.9 |
| 162.5° | 521.3 | 520.9 | 520.6 | 520.3 | 520.0 | 520.0 | 519.9 | 519.8 | 519.7 | 520.2 | 520.8 |
| 165° | 527.7 | 527.3 | 526.8 | 526.4 | 526.2 | 526.2 | 526.2 | 526.2 | 526.2 | 526.9 | 527.6 |
| 167.5° | 532.9 | 532.4 | 532.0 | 531.5 | 531.2 | 531.2 | 531.1 | 531.1 | 531.0 | 531.8 | 532.6 |
| 170° | 535.7 | 535.2 | 534.7 | 534.1 | 533.9 | 534.0 | 534.0 | 534.1 | 534.2 | 534.9 | 535.7 |
| 172.5° | 537.7 | 537.2 | 536.6 | 536.1 | 535.8 | 535.9 | 536.0 | 536.1 | 536.2 | 536.9 | 537.6 |
| 175° | 539.8 | 539.2 | 538.7 | 538.1 | 538.0 | 538.1 | 538.1 | 538.2 | 538.3 | 539.1 | 539.9 |
| 177.5° | 540.8 | 540.3 | 539.8 | 539.3 | 539.1 | 539.2 | 539.4 | 539.5 | 539.7 | 540.2 | 540.8 |
| 180° | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1605.0 | 1607.0 | 1608.5 | 1613.4 | 1613.8 | 1618.3 | 1613.8 |
| 5° | 1737.8 | 1746.4 | 1760.0 | 1773.5 | 1774.8 | 1783.3 | 1768.0 |
| 7.5° | 1886.7 | 1906.7 | 1919.1 | 1941.1 | 1949.7 | 1955.1 | 1946.2 |
| 10° | 1989.2 | 2007.8 | 2040.4 | 2056.5 | 2072.5 | 2074.9 | 2067.5 |
| 12.5° | 2088.4 | 2117.7 | 2143.5 | 2173.8 | 2173.1 | 2194.8 | 2186.9 |
| 15° | 2220.4 | 2250.7 | 2286.3 | 2320.3 | 2332.6 | 2332.6 | 2342.5 |
| 17.5° | 2314.6 | 2370.0 | 2407.0 | 2433.6 | 2462.7 | 2467.7 | 2464.3 |
| 20° | 2378.3 | 2438.0 | 2477.5 | 2512.0 | 2531.7 | 2537.3 | 2537.3 |
| 22.5° | 2425.5 | 2476.5 | 2515.0 | 2546.0 | 2562.3 | 2568.8 | 2566.9 |
| 25° | 2458.4 | 2502.1 | 2525.6 | 2534.8 | 2539.1 | 2537.9 | 2526.2 |
| 27.5° | 2413.5 | 2411.5 | 2396.7 | 2368.4 | 2347.1 | 2334.1 | 2319.3 |
| 30° | 2327.7 | 2295.6 | 2258.6 | 2218.0 | 2165.6 | 2125.5 | 2113.2 |
| 32.5° | 2199.9 | 2128.0 | 2065.3 | 1997.5 | 1941.2 | 1901.1 | 1884.4 |
| 35° | 1952.9 | 1838.9 | 1745.8 | 1664.4 | 1605.3 | 1568.3 | 1555.9 |
| 37.5° | 1659.7 | 1549.3 | 1434.1 | 1355.2 | 1306.1 | 1268.7 | 1254.8 |
| 40° | 1473.3 | 1353.1 | 1252.6 | 1178.7 | 1128.1 | 1091.7 | 1091.1 |
| 42.5° | 1303.1 | 1188.4 | 1093.9 | 1040.5 | 986.1 | 962.0 | 961.9 |
| 45° | 1067.0 | 975.2 | 895.1 | 853.2 | 820.5 | 800.8 | 795.2 |
| 47.5° | 883.5 | 807.5 | 754.1 | 720.8 | 694.1 | 681.5 | 673.4 |
| 50° | 780.4 | 713.8 | 671.3 | 642.3 | 627.5 | 611.5 | 610.3 |
| 52.5° | 694.6 | 640.9 | 607.7 | 584.2 | 565.4 | 555.8 | 556.1 |
| 55° | 583.8 | 541.3 | 517.8 | 499.9 | 485.2 | 477.8 | 474.7 |
| 57.5° | 491.8 | 459.9 | 442.8 | 426.4 | 420.2 | 414.4 | 412.8 |
| 60° | 434.6 | 413.0 | 397.0 | 384.1 | 374.8 | 372.9 | 372.3 |
| 62.5° | 387.3 | 364.7 | 353.6 | 343.6 | 336.8 | 333.9 | 332.9 |
| 65° | 319.3 | 302.6 | 292.8 | 284.8 | 282.3 | 278.0 | 277.4 |
| 67.5° | 257.4 | 247.4 | 240.9 | 235.3 | 232.0 | 231.8 | 231.8 |
| 70° | 219.5 | 213.9 | 208.4 | 205.3 | 203.4 | 202.2 | 202.2 |
| 72.5° | 186.9 | 182.8 | 178.3 | 176.6 | 176.3 | 175.0 | 174.6 |
| 75° | 142.4 | 138.1 | 138.7 | 135.6 | 133.1 | 130.1 | 128.2 |
| 77.5° | 100.9 | 97.9 | 97.3 | 96.9 | 94.8 | 94.4 | 95.4 |
| 80° | 78.3 | 75.2 | 74.5 | 75.2 | 74.5 | 72.8 | 72.8 |
| 82.5° | 59.6 | 57.0 | 56.4 | 56.0 | 55.4 | 56.0 | 55.0 |
| 85° | 32.0 | 30.9 | 30.9 | 30.9 | 32.0 | 31.5 | 30.9 |
| 87.5° | 13.5 | 13.0 | 13.6 | 13.2 | 13.2 | 12.8 | 13.3 |
| 90° | 10.5 | 11.1 | 11.4 | 11.6 | 11.8 | 11.9 | 12.1 |
| 92.5° | 10.2 | 10.7 | 11.0 | 11.1 | 11.1 | 11.1 | 11.1 |
| 95° | 10.5 | 11.1 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 |
| 97.5° | 10.8 | 10.9 | 11.0 | 11.1 | 11.1 | 11.2 | 11.3 |
| 100° | 13.2 | 11.7 | 11.0 | 11.1 | 11.1 | 11.2 | 11.3 |
| 102.5° | 36.3 | 19.8 | 11.6 | 11.6 | 11.6 | 11.6 | 11.7 |
| 105° | 128.5 | 129.3 | 128.1 | 124.8 | 121.6 | 118.4 | 115.2 |
| 107.5° | 158.4 | 158.8 | 159.2 | 159.5 | 159.8 | 160.2 | 160.5 |
| 110° | 178.8 | 179.0 | 179.1 | 179.4 | 179.7 | 179.9 | 180.2 |



TEST NUMBER: P333075-940

CATALOG NUMBER: S124RDIW-S1020D470U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 198.5 | 198.4 | 198.6 | 198.9 | 199.3 | 199.7 | 199.9 |
| 115° | 228.5 | 228.6 | 228.7 | 228.7 | 228.7 | 228.7 | 228.7 |
| 117.5° | 258.2 | 258.2 | 258.2 | 258.1 | 258.1 | 258.1 | 258.0 |
| 120° | 277.0 | 277.1 | 277.1 | 277.0 | 276.8 | 276.6 | 276.4 |
| 122.5° | 295.2 | 295.2 | 295.2 | 295.1 | 294.9 | 294.7 | 294.5 |
| 125° | 320.8 | 321.1 | 321.3 | 321.4 | 321.5 | 321.6 | 321.6 |
| 127.5° | 345.9 | 345.9 | 345.8 | 345.7 | 345.6 | 345.6 | 345.5 |
| 130° | 361.6 | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 | 361.7 |
| 132.5° | 376.7 | 376.8 | 376.8 | 376.7 | 376.7 | 376.7 | 376.6 |
| 135° | 397.8 | 398.0 | 398.1 | 398.3 | 398.5 | 398.7 | 398.9 |
| 137.5° | 417.9 | 418.1 | 418.1 | 418.1 | 418.0 | 418.0 | 417.9 |
| 140° | 430.4 | 430.7 | 430.9 | 431.0 | 431.1 | 431.1 | 431.2 |
| 142.5° | 441.8 | 442.0 | 442.1 | 442.1 | 442.2 | 442.2 | 442.2 |
| 145° | 458.2 | 458.3 | 458.3 | 458.5 | 458.7 | 458.9 | 459.1 |
| 147.5° | 472.5 | 472.6 | 472.7 | 472.8 | 472.9 | 473.0 | 473.1 |
| 150° | 481.7 | 481.7 | 481.8 | 481.9 | 482.0 | 482.1 | 482.1 |
| 152.5° | 489.9 | 490.1 | 490.1 | 490.1 | 490.0 | 489.9 | 489.9 |
| 155° | 501.0 | 501.3 | 501.4 | 501.1 | 500.9 | 500.6 | 500.3 |
| 157.5° | 510.4 | 510.9 | 510.9 | 510.4 | 510.0 | 509.5 | 509.1 |
| 160° | 516.5 | 517.0 | 517.0 | 516.5 | 515.9 | 515.4 | 514.9 |
| 162.5° | 521.3 | 521.8 | 521.8 | 521.2 | 520.6 | 520.0 | 519.4 |
| 165° | 528.3 | 529.1 | 529.0 | 528.2 | 527.4 | 526.6 | 525.8 |
| 167.5° | 533.4 | 534.2 | 534.1 | 533.2 | 532.4 | 531.5 | 530.6 |
| 170° | 536.4 | 537.2 | 537.1 | 536.1 | 535.2 | 534.3 | 533.4 |
| 172.5° | 538.3 | 539.0 | 539.0 | 538.0 | 537.0 | 536.0 | 535.0 |
| 175° | 540.7 | 541.5 | 541.4 | 540.3 | 539.2 | 538.1 | 537.1 |
| 177.5° | 541.4 | 542.0 | 541.8 | 541.0 | 540.1 | 539.2 | 538.4 |
| 180° | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 | 540.3 |

(END OF REPORT)