

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: P332962-830

Luminaire Tested: **S124RDIP-S1020D590U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332962-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIP-S1020D590U830-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6018.5 lumens
Efficiency: N/A
Efficacy: 123.3 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

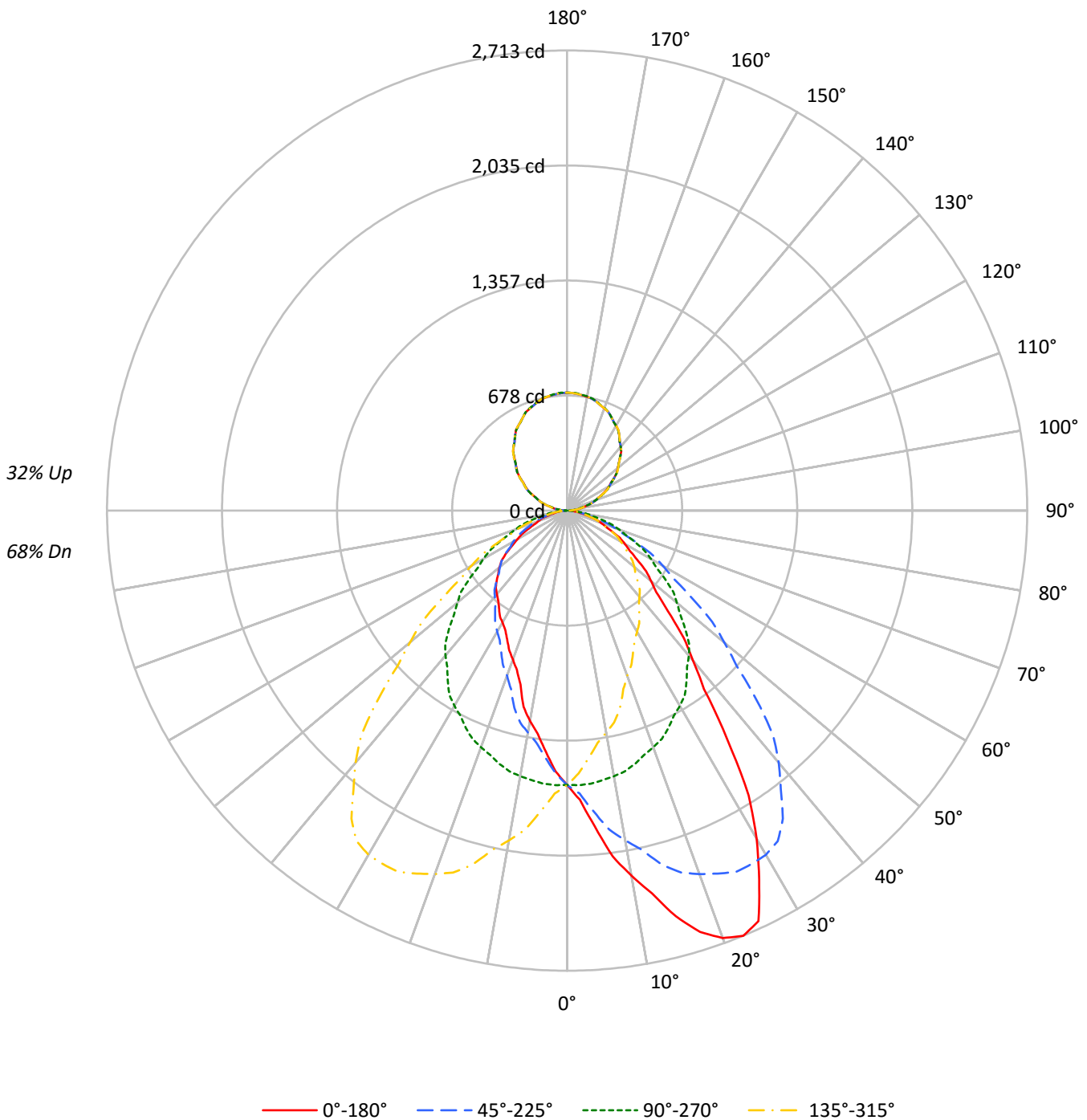
Input Watts (W): 48.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 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 | 94 | 91 | 97 | 93 | 90 | 87 | 83 | 80 | 78 | 74 | 72 | 70 | 65 | 64 | 63 | 59 | | | | | | | | |
| 2 | 94 | 87 | 81 | 75 | 88 | 82 | 77 | 72 | 73 | 69 | 66 | 65 | 62 | 60 | 58 | 56 | 54 | 50 | | | | | | | | |
| 3 | 86 | 77 | 69 | 64 | 81 | 73 | 66 | 61 | 65 | 60 | 56 | 58 | 54 | 51 | 52 | 49 | 46 | 43 | | | | | | | | |
| 4 | 79 | 68 | 60 | 54 | 74 | 65 | 58 | 52 | 58 | 53 | 48 | 52 | 48 | 44 | 47 | 43 | 40 | 37 | | | | | | | | |
| 5 | 73 | 61 | 53 | 47 | 69 | 58 | 51 | 45 | 53 | 47 | 42 | 47 | 43 | 39 | 42 | 39 | 36 | 33 | | | | | | | | |
| 6 | 67 | 55 | 47 | 41 | 63 | 53 | 45 | 40 | 48 | 42 | 37 | 43 | 38 | 34 | 39 | 35 | 32 | 29 | | | | | | | | |
| 7 | 62 | 50 | 42 | 36 | 59 | 48 | 40 | 35 | 43 | 37 | 33 | 39 | 34 | 31 | 35 | 31 | 28 | 26 | | | | | | | | |
| 8 | 58 | 46 | 38 | 33 | 55 | 44 | 36 | 32 | 40 | 34 | 29 | 36 | 31 | 27 | 33 | 29 | 25 | 23 | | | | | | | | |
| 9 | 54 | 42 | 34 | 29 | 51 | 40 | 33 | 28 | 37 | 31 | 27 | 33 | 28 | 25 | 30 | 26 | 23 | 21 | | | | | | | | |
| 10 | 51 | 39 | 31 | 26 | 48 | 37 | 30 | 26 | 34 | 28 | 24 | 31 | 26 | 23 | 28 | 24 | 21 | 19 | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13056 | 13056 | 13056 | 13056 |
| 5° | 15144 | 13095 | 11574 | 13095 |
| 10° | 17915 | 13038 | 10330 | 13038 |
| 15° | 20695 | 12918 | 8877 | 12918 |
| 20° | 23040 | 12752 | 8027 | 12752 |
| 25° | 23785 | 12588 | 7452 | 12588 |
| 30° | 20821 | 12392 | 7106 | 12392 |
| 35° | 16208 | 12098 | 6897 | 12098 |
| 40° | 12154 | 11763 | 6785 | 11763 |
| 45° | 9597 | 11226 | 6725 | 11226 |
| 50° | 8102 | 10605 | 6531 | 10605 |
| 55° | 7061 | 9923 | 6180 | 9923 |
| 60° | 6353 | 9216 | 5470 | 9216 |
| 65° | 5601 | 8451 | 4705 | 8451 |
| 70° | 5044 | 7659 | 4244 | 7659 |
| 75° | 4226 | 6787 | 3618 | 6787 |
| 80° | 3575 | 5783 | 3394 | 5783 |
| 85° | 3020 | 4520 | 3020 | 4520 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 156.7 | 2.6 |
| 10°-20° | 472.7 | 7.9 |
| 20°-30° | 739.3 | 12.3 |
| 30°-40° | 821.9 | 13.7 |
| 40°-50° | 729.2 | 12.1 |
| 50°-60° | 568.2 | 9.4 |
| 60°-70° | 372.0 | 6.2 |
| 70°-80° | 182.9 | 3.0 |
| 80°-90° | 47.2 | 0.8 |
| 90°-100° | 45.8 | 0.8 |
| 100°-110° | 135.8 | 2.3 |
| 110°-120° | 230.5 | 3.8 |
| 120°-130° | 304.0 | 5.1 |
| 130°-140° | 341.4 | 5.7 |
| 140°-150° | 335.4 | 5.6 |
| 150°-160° | 282.1 | 4.7 |
| 160°-170° | 187.7 | 3.1 |
| 170°-180° | 65.7 | 1.1 |
| 0°-30° | 1368.7 | 22.7 |
| 0°-40° | 2190.5 | 36.4 |
| 0°-60° | 3487.9 | 58.0 |
| 0°-90° | 4090.1 | 68.0 |
| 90°-120° | 412.2 | 6.8 |
| 90°-150° | 1392.9 | 23.1 |
| 90°-180° | 1928.0 | 32.0 |
| 0°-180° | 6018.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1617 | 1617 | 1617 | 1617 | 1617 | |
| 5° | 1869 | 1616 | 1428 | 1616 | 1869 | 189 |
| 15° | 2476 | 1546 | 1062 | 1546 | 2476 | 704 |
| 25° | 2670 | 1413 | 837 | 1413 | 2670 | 1185 |
| 35° | 1645 | 1228 | 700 | 1228 | 1645 | 1031 |
| 45° | 841 | 983 | 589 | 983 | 841 | 666 |
| 55° | 502 | 705 | 439 | 705 | 502 | 456 |
| 65° | 293 | 442 | 246 | 442 | 293 | 295 |
| 75° | 136 | 218 | 116 | 218 | 136 | 149 |
| 85° | 33 | 49 | 33 | 49 | 33 | 37 |
| 90° | 16 | 2 | 16 | 2 | 16 | 10 |
| 95° | 42 | 32 | 42 | 32 | 42 | 44 |
| 105° | 131 | 125 | 131 | 125 | 131 | 138 |
| 115° | 232 | 234 | 232 | 234 | 232 | 230 |
| 125° | 339 | 341 | 339 | 341 | 339 | 302 |
| 135° | 441 | 440 | 441 | 440 | 441 | 340 |
| 145° | 536 | 535 | 536 | 535 | 536 | 335 |
| 155° | 612 | 613 | 612 | 613 | 612 | 282 |
| 165° | 666 | 667 | 666 | 667 | 666 | 187 |
| 175° | 691 | 694 | 691 | 694 | 691 | 66 |
| 180° | 695 | 695 | 695 | 695 | 695 | |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 |
| 2.5° | 1705.8 | 1710.5 | 1705.8 | 1705.3 | 1700.2 | 1698.6 | 1696.5 | 1689.7 | 1677.2 | 1669.9 | 1671.4 |
| 5° | 1868.8 | 1885.0 | 1875.9 | 1874.6 | 1860.3 | 1846.0 | 1836.8 | 1816.0 | 1793.8 | 1778.9 | 1766.4 |
| 7.5° | 2057.2 | 2066.5 | 2060.9 | 2051.7 | 2028.5 | 2015.3 | 1994.2 | 1966.7 | 1927.0 | 1896.6 | 1868.9 |
| 10° | 2185.4 | 2193.2 | 2190.7 | 2173.7 | 2156.7 | 2122.2 | 2102.6 | 2064.3 | 2014.0 | 1974.3 | 1937.1 |
| 12.5° | 2311.6 | 2319.9 | 2297.0 | 2297.7 | 2265.7 | 2238.4 | 2207.4 | 2159.1 | 2101.1 | 2049.8 | 2003.4 |
| 15° | 2476.1 | 2465.6 | 2465.6 | 2452.6 | 2416.7 | 2379.0 | 2347.0 | 2296.2 | 2223.2 | 2161.9 | 2097.4 |
| 17.5° | 2604.8 | 2608.4 | 2603.1 | 2572.3 | 2544.2 | 2505.1 | 2446.6 | 2387.3 | 2319.5 | 2237.3 | 2171.3 |
| 20° | 2681.9 | 2681.9 | 2676.1 | 2655.2 | 2618.8 | 2577.0 | 2513.9 | 2449.3 | 2363.3 | 2280.6 | 2206.3 |
| 22.5° | 2713.2 | 2715.3 | 2708.4 | 2691.1 | 2658.3 | 2617.6 | 2563.8 | 2498.3 | 2409.7 | 2316.5 | 2224.5 |
| 25° | 2670.2 | 2682.6 | 2683.9 | 2679.3 | 2669.6 | 2644.8 | 2598.5 | 2531.4 | 2451.9 | 2350.9 | 2251.8 |
| 27.5° | 2451.6 | 2467.2 | 2480.9 | 2503.4 | 2533.4 | 2549.0 | 2551.1 | 2517.0 | 2447.6 | 2350.4 | 2250.7 |
| 30° | 2233.6 | 2246.6 | 2289.1 | 2344.4 | 2387.4 | 2426.5 | 2460.4 | 2469.5 | 2430.4 | 2343.1 | 2238.2 |
| 32.5° | 1991.8 | 2009.5 | 2051.8 | 2111.4 | 2183.0 | 2249.3 | 2325.3 | 2364.2 | 2363.1 | 2310.7 | 2213.7 |
| 35° | 1644.6 | 1657.6 | 1696.8 | 1759.3 | 1845.3 | 1943.7 | 2064.3 | 2158.0 | 2221.9 | 2217.3 | 2158.0 |
| 37.5° | 1326.3 | 1341.0 | 1380.5 | 1432.5 | 1515.9 | 1637.7 | 1754.4 | 1883.6 | 2001.7 | 2068.0 | 2048.1 |
| 40° | 1153.3 | 1154.0 | 1192.4 | 1245.9 | 1324.0 | 1430.2 | 1557.3 | 1700.6 | 1832.2 | 1939.8 | 1960.6 |
| 42.5° | 1016.7 | 1016.8 | 1042.3 | 1099.9 | 1156.2 | 1256.1 | 1377.4 | 1519.8 | 1673.8 | 1798.0 | 1853.2 |
| 45° | 840.6 | 846.4 | 867.2 | 901.8 | 946.1 | 1030.8 | 1127.8 | 1260.2 | 1432.9 | 1580.1 | 1672.0 |
| 47.5° | 711.8 | 720.4 | 733.7 | 761.9 | 797.1 | 853.6 | 933.9 | 1052.7 | 1193.2 | 1355.2 | 1485.9 |
| 50° | 645.1 | 646.4 | 663.3 | 678.9 | 709.5 | 754.5 | 824.9 | 924.0 | 1052.9 | 1208.7 | 1354.0 |
| 52.5° | 587.8 | 587.5 | 597.7 | 617.5 | 642.3 | 677.4 | 734.2 | 824.3 | 938.8 | 1078.4 | 1228.3 |
| 55° | 501.7 | 505.0 | 512.8 | 528.4 | 547.3 | 572.1 | 617.1 | 684.9 | 774.8 | 894.0 | 1030.2 |
| 57.5° | 436.3 | 438.0 | 444.1 | 450.7 | 468.1 | 486.1 | 519.8 | 566.8 | 642.7 | 740.4 | 867.2 |
| 60° | 393.5 | 394.2 | 396.2 | 406.0 | 419.6 | 436.6 | 459.4 | 499.1 | 563.0 | 652.2 | 752.6 |
| 62.5° | 351.9 | 353.0 | 356.0 | 363.2 | 373.7 | 385.5 | 409.3 | 441.3 | 494.2 | 570.4 | 660.8 |
| 65° | 293.2 | 293.9 | 298.4 | 301.0 | 309.5 | 319.9 | 337.5 | 359.0 | 395.5 | 459.4 | 527.8 |
| 67.5° | 245.0 | 245.0 | 245.2 | 248.7 | 254.7 | 261.6 | 272.1 | 289.3 | 316.8 | 356.0 | 416.3 |
| 70° | 213.7 | 213.7 | 215.0 | 217.0 | 220.3 | 226.1 | 232.0 | 245.0 | 265.2 | 297.1 | 343.4 |
| 72.5° | 184.5 | 185.0 | 186.3 | 186.7 | 188.4 | 193.2 | 197.6 | 205.9 | 220.9 | 245.0 | 282.4 |
| 75° | 135.5 | 137.5 | 140.7 | 143.4 | 146.6 | 146.0 | 150.5 | 155.7 | 160.3 | 174.7 | 196.1 |
| 77.5° | 100.9 | 99.8 | 100.2 | 102.5 | 102.8 | 103.5 | 106.7 | 110.7 | 114.1 | 120.9 | 128.7 |
| 80° | 76.9 | 76.9 | 78.8 | 79.5 | 78.8 | 79.5 | 82.8 | 84.7 | 86.1 | 88.6 | 95.8 |
| 82.5° | 58.2 | 59.2 | 58.5 | 59.2 | 59.6 | 60.2 | 63.0 | 63.3 | 64.7 | 65.7 | 68.7 |
| 85° | 32.6 | 33.3 | 33.8 | 32.6 | 32.6 | 32.6 | 33.8 | 34.5 | 35.8 | 35.2 | 36.5 |
| 87.5° | 14.7 | 14.1 | 14.6 | 14.5 | 15.0 | 14.4 | 14.8 | 15.6 | 14.5 | 14.9 | 14.7 |
| 90° | 16.1 | 15.9 | 15.6 | 15.5 | 15.2 | 14.7 | 13.9 | 13.3 | 12.5 | 11.8 | 10.8 |
| 92.5° | 23.8 | 23.8 | 23.6 | 23.5 | 23.3 | 23.0 | 22.6 | 22.1 | 21.7 | 21.3 | 20.6 |
| 95° | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.3 | 41.9 | 41.6 | 41.2 | 40.8 | 40.1 |
| 97.5° | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.4 | 65.9 | 65.5 | 65.0 | 64.7 | 63.6 |
| 100° | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.2 | 82.9 | 82.8 | 82.5 | 82.3 | 81.2 |
| 102.5° | 102.3 | 102.2 | 102.1 | 102.0 | 101.9 | 101.6 | 101.3 | 100.9 | 100.7 | 100.3 | 99.3 |
| 105° | 131.2 | 130.8 | 130.4 | 130.1 | 129.7 | 129.4 | 129.0 | 128.7 | 128.3 | 127.9 | 127.4 |
| 107.5° | 159.4 | 159.4 | 159.4 | 159.4 | 159.5 | 159.3 | 158.9 | 158.6 | 158.3 | 158.0 | 157.9 |
| 110° | 179.6 | 179.2 | 178.8 | 178.5 | 178.1 | 178.0 | 178.3 | 178.5 | 178.8 | 179.0 | 179.2 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.2 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 | 200.0 | 200.0 | 200.1 | 200.3 |
| 115° | 232.2 | 232.3 | 232.4 | 232.6 | 232.7 | 232.8 | 233.0 | 233.1 | 233.2 | 233.3 | 233.6 |
| 117.5° | 262.8 | 263.0 | 263.3 | 263.4 | 263.7 | 264.0 | 264.5 | 264.9 | 265.2 | 265.7 | 265.8 |
| 120° | 286.0 | 285.8 | 285.5 | 285.3 | 285.0 | 285.2 | 285.8 | 286.4 | 287.0 | 287.6 | 287.9 |
| 122.5° | 305.4 | 305.8 | 306.2 | 306.6 | 307.1 | 307.5 | 307.9 | 308.3 | 308.7 | 309.2 | 309.2 |
| 125° | 338.7 | 338.9 | 339.1 | 339.4 | 339.6 | 339.9 | 340.1 | 340.4 | 340.5 | 340.8 | 340.9 |
| 127.5° | 369.6 | 369.8 | 369.9 | 370.1 | 370.3 | 370.5 | 370.8 | 371.0 | 371.3 | 371.5 | 371.6 |
| 130° | 389.7 | 390.2 | 390.7 | 391.2 | 391.6 | 392.0 | 392.3 | 392.5 | 392.8 | 392.9 | 392.9 |
| 132.5° | 411.2 | 411.4 | 411.6 | 411.8 | 412.0 | 412.3 | 412.5 | 412.7 | 412.9 | 413.2 | 413.3 |
| 135° | 440.8 | 441.2 | 441.5 | 441.9 | 442.2 | 442.5 | 442.8 | 443.0 | 443.3 | 443.5 | 443.5 |
| 137.5° | 471.9 | 471.8 | 471.7 | 471.6 | 471.6 | 471.7 | 472.0 | 472.3 | 472.7 | 473.0 | 472.8 |
| 140° | 490.8 | 491.0 | 491.1 | 491.2 | 491.3 | 491.4 | 491.5 | 491.6 | 491.7 | 491.9 | 491.9 |
| 142.5° | 509.7 | 509.7 | 509.8 | 509.8 | 509.8 | 509.8 | 509.9 | 509.9 | 509.9 | 509.9 | 510.0 |
| 145° | 535.5 | 535.7 | 536.1 | 536.5 | 536.9 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 |
| 147.5° | 561.5 | 561.6 | 561.7 | 561.8 | 561.9 | 562.0 | 562.1 | 562.2 | 562.3 | 562.4 | 562.5 |
| 150° | 577.4 | 577.5 | 577.6 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 592.0 | 592.3 | 592.6 | 593.0 | 593.2 | 593.2 | 593.0 | 592.7 | 592.4 | 592.1 | 592.0 |
| 155° | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 | 612.7 | 612.3 | 612.5 |
| 157.5° | 630.5 | 630.8 | 631.3 | 631.7 | 632.1 | 632.2 | 631.8 | 631.4 | 631.0 | 630.7 | 630.7 |
| 160° | 640.8 | 641.4 | 642.0 | 642.6 | 643.2 | 643.3 | 642.9 | 642.6 | 642.2 | 641.9 | 642.0 |
| 162.5° | 651.6 | 652.1 | 652.7 | 653.4 | 653.9 | 653.9 | 653.3 | 652.6 | 652.0 | 651.3 | 651.5 |
| 165° | 665.5 | 666.0 | 666.5 | 666.9 | 667.4 | 667.3 | 666.6 | 665.9 | 665.2 | 664.5 | 664.7 |
| 167.5° | 675.5 | 676.3 | 677.0 | 677.8 | 678.4 | 678.5 | 677.8 | 677.0 | 676.4 | 675.6 | 675.6 |
| 170° | 681.1 | 681.9 | 682.8 | 683.6 | 684.5 | 684.5 | 683.8 | 683.1 | 682.4 | 681.6 | 681.6 |
| 172.5° | 685.9 | 686.6 | 687.5 | 688.3 | 689.2 | 689.2 | 688.4 | 687.6 | 686.7 | 686.0 | 685.9 |
| 175° | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 | 691.6 | 690.8 | 690.9 |
| 177.5° | 693.3 | 694.1 | 694.9 | 695.7 | 696.4 | 696.4 | 695.8 | 695.1 | 694.5 | 693.8 | 693.8 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 |
| 2.5° | 1666.2 | 1659.0 | 1655.3 | 1646.9 | 1637.0 | 1631.8 | 1627.1 | 1620.3 | 1611.5 | 1602.1 | 1595.3 |
| 5° | 1750.8 | 1735.1 | 1715.6 | 1692.1 | 1671.3 | 1651.1 | 1633.5 | 1615.9 | 1595.7 | 1574.9 | 1554.1 |
| 7.5° | 1837.6 | 1806.9 | 1773.6 | 1735.1 | 1697.8 | 1663.8 | 1632.5 | 1602.5 | 1568.6 | 1538.2 | 1510.6 |
| 10° | 1898.1 | 1856.3 | 1810.1 | 1761.2 | 1712.3 | 1670.0 | 1628.3 | 1590.5 | 1548.8 | 1511.6 | 1480.4 |
| 12.5° | 1947.1 | 1898.1 | 1842.4 | 1781.6 | 1722.8 | 1671.6 | 1623.6 | 1574.3 | 1526.9 | 1486.7 | 1444.9 |
| 15° | 2028.4 | 1961.2 | 1886.3 | 1813.4 | 1737.1 | 1667.4 | 1602.9 | 1545.6 | 1491.5 | 1434.8 | 1395.1 |
| 17.5° | 2084.2 | 2004.7 | 1913.5 | 1825.9 | 1735.8 | 1653.6 | 1579.1 | 1510.9 | 1448.5 | 1390.6 | 1343.3 |
| 20° | 2117.6 | 2029.7 | 1928.7 | 1829.0 | 1728.0 | 1640.0 | 1559.9 | 1484.3 | 1419.8 | 1357.3 | 1308.3 |
| 22.5° | 2136.4 | 2039.1 | 1928.7 | 1824.3 | 1719.7 | 1624.4 | 1536.4 | 1457.7 | 1387.5 | 1324.9 | 1270.8 |
| 25° | 2142.4 | 2038.2 | 1925.4 | 1805.5 | 1690.8 | 1589.9 | 1498.6 | 1413.2 | 1335.1 | 1272.5 | 1215.2 |
| 27.5° | 2134.1 | 2011.3 | 1895.8 | 1772.8 | 1654.5 | 1548.0 | 1452.3 | 1362.6 | 1284.3 | 1217.2 | 1158.4 |
| 30° | 2121.6 | 1989.9 | 1866.1 | 1738.4 | 1618.5 | 1516.3 | 1415.2 | 1329.3 | 1247.7 | 1178.1 | 1118.8 |
| 32.5° | 2094.4 | 1963.9 | 1830.7 | 1699.9 | 1578.4 | 1473.0 | 1377.1 | 1290.6 | 1210.8 | 1139.5 | 1076.6 |
| 35° | 2040.8 | 1908.5 | 1763.9 | 1629.7 | 1510.3 | 1400.9 | 1311.0 | 1227.6 | 1151.3 | 1075.2 | 1008.6 |
| 37.5° | 1970.0 | 1834.8 | 1691.0 | 1544.0 | 1424.7 | 1321.3 | 1238.8 | 1160.5 | 1086.1 | 1016.4 | 942.8 |
| 40° | 1903.3 | 1780.1 | 1631.5 | 1485.6 | 1363.1 | 1263.4 | 1187.2 | 1116.2 | 1041.2 | 972.1 | 898.5 |
| 42.5° | 1822.5 | 1717.6 | 1567.4 | 1421.0 | 1300.0 | 1204.0 | 1132.9 | 1063.5 | 995.3 | 928.4 | 851.6 |
| 45° | 1687.6 | 1608.1 | 1467.4 | 1326.6 | 1204.8 | 1109.7 | 1044.5 | 983.3 | 923.3 | 859.4 | 787.1 |
| 47.5° | 1533.0 | 1479.2 | 1357.7 | 1213.6 | 1100.9 | 1015.3 | 952.3 | 902.3 | 851.6 | 787.8 | 724.3 |
| 50° | 1425.7 | 1391.1 | 1273.8 | 1142.3 | 1034.7 | 955.8 | 891.4 | 844.4 | 802.1 | 740.8 | 684.2 |
| 52.5° | 1311.0 | 1292.6 | 1193.5 | 1067.7 | 963.8 | 886.6 | 831.4 | 789.2 | 746.3 | 695.5 | 642.4 |
| 55° | 1136.3 | 1146.1 | 1062.1 | 953.3 | 855.5 | 790.4 | 740.2 | 705.0 | 668.5 | 625.6 | 584.5 |
| 57.5° | 957.8 | 993.5 | 937.1 | 841.6 | 750.0 | 689.8 | 652.0 | 622.4 | 591.7 | 556.1 | 521.0 |
| 60° | 850.9 | 880.9 | 849.0 | 765.0 | 684.9 | 628.8 | 593.6 | 570.8 | 540.2 | 507.6 | 480.9 |
| 62.5° | 746.7 | 778.7 | 759.9 | 692.0 | 617.6 | 569.4 | 538.4 | 517.1 | 494.3 | 465.9 | 438.1 |
| 65° | 615.8 | 636.6 | 627.5 | 580.6 | 527.8 | 486.7 | 458.1 | 442.4 | 421.6 | 400.8 | 376.0 |
| 67.5° | 471.6 | 511.9 | 506.5 | 481.6 | 436.0 | 404.0 | 385.2 | 371.4 | 352.4 | 336.9 | 320.1 |
| 70° | 387.7 | 424.8 | 424.1 | 404.0 | 379.2 | 349.2 | 336.2 | 324.5 | 307.6 | 292.6 | 278.9 |
| 72.5° | 317.4 | 351.4 | 356.4 | 340.9 | 324.0 | 301.3 | 288.8 | 280.7 | 264.3 | 254.0 | 242.9 |
| 75° | 222.2 | 246.9 | 253.4 | 253.4 | 245.6 | 233.9 | 222.8 | 217.6 | 205.9 | 196.8 | 190.3 |
| 77.5° | 145.7 | 161.4 | 171.5 | 173.8 | 175.0 | 171.1 | 162.0 | 158.3 | 149.3 | 146.1 | 139.9 |
| 80° | 102.9 | 113.4 | 125.1 | 129.0 | 132.2 | 131.0 | 127.1 | 124.4 | 116.0 | 112.7 | 110.1 |
| 82.5° | 71.2 | 76.9 | 86.5 | 95.1 | 94.3 | 97.6 | 94.3 | 92.2 | 85.8 | 84.5 | 82.0 |
| 85° | 37.1 | 37.8 | 39.1 | 45.0 | 48.3 | 49.5 | 50.1 | 48.8 | 46.9 | 46.9 | 42.3 |
| 87.5° | 14.5 | 13.8 | 14.6 | 14.4 | 14.7 | 16.5 | 17.8 | 18.0 | 16.8 | 15.5 | 14.1 |
| 90° | 9.9 | 9.0 | 8.0 | 6.9 | 5.6 | 4.2 | 2.9 | 1.6 | 2.9 | 4.2 | 5.6 |
| 92.5° | 20.0 | 19.3 | 18.6 | 17.5 | 16.0 | 14.5 | 13.0 | 11.5 | 13.0 | 14.5 | 16.0 |
| 95° | 39.2 | 38.4 | 37.5 | 36.6 | 35.4 | 34.4 | 33.4 | 32.2 | 33.4 | 34.4 | 35.4 |
| 97.5° | 62.7 | 61.6 | 60.7 | 59.8 | 58.9 | 58.1 | 57.2 | 56.4 | 57.2 | 58.1 | 58.9 |
| 100° | 80.1 | 79.0 | 77.9 | 77.2 | 76.7 | 76.3 | 75.8 | 75.2 | 75.8 | 76.3 | 76.7 |
| 102.5° | 98.3 | 97.4 | 96.4 | 95.8 | 95.6 | 95.4 | 95.2 | 95.0 | 95.2 | 95.4 | 95.6 |
| 105° | 127.0 | 126.5 | 126.0 | 125.7 | 125.6 | 125.5 | 125.4 | 125.3 | 125.4 | 125.5 | 125.6 |
| 107.5° | 157.8 | 157.7 | 157.7 | 157.6 | 157.4 | 157.2 | 157.1 | 156.9 | 157.1 | 157.2 | 157.4 |
| 110° | 179.3 | 179.4 | 179.5 | 179.5 | 179.2 | 179.0 | 178.7 | 178.5 | 178.7 | 179.0 | 179.2 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.5 | 200.8 | 201.0 | 201.0 | 201.0 | 201.0 | 200.9 | 200.9 | 200.9 | 201.0 | 201.0 |
| 115° | 233.8 | 234.0 | 234.2 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 |
| 117.5° | 266.0 | 266.2 | 266.4 | 266.4 | 266.3 | 266.2 | 266.1 | 266.0 | 266.1 | 266.2 | 266.3 |
| 120° | 288.3 | 288.7 | 289.1 | 289.0 | 288.5 | 288.0 | 287.6 | 287.1 | 287.6 | 288.0 | 288.5 |
| 122.5° | 309.4 | 309.6 | 309.8 | 309.7 | 309.5 | 309.3 | 309.2 | 309.0 | 309.2 | 309.3 | 309.5 |
| 125° | 341.1 | 341.2 | 341.3 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |
| 127.5° | 371.8 | 372.0 | 372.2 | 372.1 | 371.8 | 371.5 | 371.1 | 370.7 | 371.1 | 371.5 | 371.8 |
| 130° | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.1 | 391.7 | 391.3 | 391.7 | 392.1 | 392.5 |
| 132.5° | 413.4 | 413.5 | 413.6 | 413.5 | 413.2 | 412.9 | 412.7 | 412.5 | 412.7 | 412.9 | 413.2 |
| 135° | 443.5 | 443.5 | 443.5 | 443.2 | 442.4 | 441.7 | 441.0 | 440.3 | 441.0 | 441.7 | 442.4 |
| 137.5° | 472.6 | 472.4 | 472.2 | 471.9 | 471.6 | 471.3 | 470.9 | 470.6 | 470.9 | 471.3 | 471.6 |
| 140° | 491.9 | 491.9 | 491.9 | 491.7 | 491.5 | 491.3 | 491.1 | 490.8 | 491.1 | 491.3 | 491.5 |
| 142.5° | 510.1 | 510.2 | 510.3 | 510.3 | 510.0 | 509.8 | 509.5 | 509.3 | 509.5 | 509.8 | 510.0 |
| 145° | 537.3 | 537.2 | 537.1 | 536.8 | 536.3 | 535.8 | 535.4 | 534.9 | 535.4 | 535.8 | 536.3 |
| 147.5° | 562.6 | 562.7 | 562.8 | 562.6 | 561.9 | 561.4 | 560.8 | 560.2 | 560.8 | 561.4 | 561.9 |
| 150° | 577.9 | 577.9 | 577.9 | 577.7 | 577.2 | 576.7 | 576.3 | 575.7 | 576.3 | 576.7 | 577.2 |
| 152.5° | 591.9 | 591.8 | 591.7 | 591.5 | 591.3 | 591.0 | 590.7 | 590.4 | 590.7 | 591.0 | 591.3 |
| 155° | 612.6 | 612.7 | 612.7 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 |
| 157.5° | 630.7 | 630.7 | 630.7 | 630.9 | 631.1 | 631.3 | 631.5 | 631.8 | 631.5 | 631.3 | 631.1 |
| 160° | 642.2 | 642.2 | 642.3 | 642.4 | 642.6 | 642.7 | 642.8 | 642.9 | 642.8 | 642.7 | 642.6 |
| 162.5° | 651.6 | 651.7 | 651.8 | 652.1 | 652.3 | 652.6 | 653.0 | 653.3 | 653.0 | 652.6 | 652.3 |
| 165° | 665.0 | 665.2 | 665.4 | 665.7 | 666.1 | 666.4 | 666.8 | 667.1 | 666.8 | 666.4 | 666.1 |
| 167.5° | 675.6 | 675.5 | 675.5 | 675.8 | 676.3 | 676.7 | 677.3 | 677.8 | 677.3 | 676.7 | 676.3 |
| 170° | 681.4 | 681.3 | 681.2 | 681.4 | 682.0 | 682.6 | 683.2 | 683.8 | 683.2 | 682.6 | 682.0 |
| 172.5° | 685.9 | 685.9 | 685.9 | 686.1 | 686.6 | 687.1 | 687.6 | 688.1 | 687.6 | 687.1 | 686.6 |
| 175° | 691.1 | 691.2 | 691.3 | 691.6 | 692.2 | 692.9 | 693.4 | 694.0 | 693.4 | 692.9 | 692.2 |
| 177.5° | 693.8 | 693.8 | 693.8 | 694.0 | 694.6 | 695.0 | 695.5 | 696.0 | 695.5 | 695.0 | 694.6 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 |
| 2.5° | 1588.0 | 1582.8 | 1576.0 | 1568.2 | 1558.9 | 1550.5 | 1546.9 | 1550.0 | 1551.5 | 1547.4 | 1546.9 |
| 5° | 1539.7 | 1523.4 | 1510.3 | 1490.8 | 1475.2 | 1462.2 | 1453.0 | 1449.2 | 1450.4 | 1440.0 | 1437.4 |
| 7.5° | 1485.4 | 1466.0 | 1444.7 | 1421.4 | 1399.9 | 1380.7 | 1370.6 | 1365.2 | 1354.2 | 1349.4 | 1341.5 |
| 10° | 1450.4 | 1424.4 | 1403.5 | 1376.1 | 1351.4 | 1328.6 | 1317.5 | 1308.3 | 1297.3 | 1292.1 | 1281.0 |
| 12.5° | 1414.5 | 1384.2 | 1361.3 | 1332.8 | 1307.6 | 1280.1 | 1269.5 | 1252.6 | 1235.3 | 1224.4 | 1210.1 |
| 15° | 1363.8 | 1327.3 | 1299.3 | 1265.4 | 1235.4 | 1204.1 | 1176.1 | 1144.8 | 1133.1 | 1108.3 | 1094.0 |
| 17.5° | 1304.5 | 1267.4 | 1232.8 | 1187.3 | 1141.0 | 1102.2 | 1072.3 | 1042.4 | 1024.4 | 1008.6 | 1001.4 |
| 20° | 1265.4 | 1231.5 | 1183.3 | 1130.5 | 1079.0 | 1036.0 | 1011.9 | 992.4 | 972.8 | 961.8 | 953.9 |
| 22.5° | 1228.3 | 1185.1 | 1129.1 | 1072.1 | 1020.7 | 987.0 | 966.6 | 946.5 | 930.6 | 920.0 | 909.6 |
| 25° | 1166.3 | 1109.7 | 1050.4 | 985.2 | 950.0 | 920.7 | 898.5 | 882.2 | 872.5 | 858.8 | 853.6 |
| 27.5° | 1102.6 | 1034.0 | 968.6 | 924.7 | 888.1 | 861.3 | 842.0 | 829.7 | 817.4 | 808.6 | 801.8 |
| 30° | 1053.6 | 983.9 | 925.3 | 883.5 | 846.4 | 824.3 | 808.6 | 794.3 | 784.5 | 777.3 | 772.1 |
| 32.5° | 1005.1 | 935.4 | 886.2 | 841.3 | 812.0 | 790.4 | 773.7 | 763.0 | 755.4 | 746.0 | 742.9 |
| 35° | 935.0 | 873.1 | 830.1 | 789.8 | 759.8 | 740.2 | 727.2 | 716.0 | 709.5 | 707.0 | 705.0 |
| 37.5° | 867.6 | 817.0 | 770.7 | 737.6 | 710.9 | 695.5 | 680.1 | 674.7 | 670.2 | 665.5 | 667.6 |
| 40° | 824.9 | 777.3 | 736.3 | 701.1 | 679.6 | 662.7 | 653.6 | 647.1 | 643.1 | 643.1 | 643.1 |
| 42.5° | 787.9 | 741.4 | 701.3 | 669.9 | 648.3 | 634.0 | 623.9 | 618.3 | 617.1 | 616.5 | 619.6 |
| 45° | 730.5 | 687.4 | 647.1 | 620.9 | 602.8 | 588.3 | 582.5 | 578.0 | 578.0 | 580.6 | 581.2 |
| 47.5° | 673.4 | 633.2 | 600.8 | 571.6 | 554.9 | 545.9 | 540.8 | 538.5 | 538.8 | 541.3 | 544.3 |
| 50° | 638.6 | 598.8 | 566.8 | 540.8 | 525.2 | 516.7 | 512.2 | 510.9 | 512.2 | 512.2 | 516.7 |
| 52.5° | 600.5 | 565.0 | 533.5 | 511.6 | 493.9 | 486.0 | 483.4 | 481.6 | 482.4 | 484.6 | 486.4 |
| 55° | 544.7 | 512.8 | 482.9 | 461.9 | 448.9 | 443.7 | 437.9 | 438.5 | 437.2 | 438.5 | 438.5 |
| 57.5° | 488.8 | 460.1 | 432.3 | 415.8 | 404.3 | 396.7 | 390.3 | 392.1 | 390.2 | 389.9 | 388.9 |
| 60° | 452.9 | 421.6 | 399.4 | 384.5 | 371.4 | 364.9 | 359.0 | 360.3 | 358.4 | 357.0 | 354.5 |
| 62.5° | 413.8 | 387.7 | 366.6 | 352.1 | 341.7 | 334.1 | 328.3 | 327.0 | 322.4 | 318.0 | 312.3 |
| 65° | 357.0 | 335.5 | 316.7 | 303.0 | 293.2 | 287.4 | 282.8 | 278.9 | 269.1 | 258.6 | 253.4 |
| 67.5° | 302.0 | 286.4 | 268.8 | 257.2 | 249.3 | 241.6 | 232.9 | 226.2 | 217.1 | 211.4 | 208.1 |
| 70° | 266.5 | 251.5 | 236.5 | 225.5 | 217.0 | 209.8 | 200.0 | 195.5 | 189.0 | 186.3 | 183.1 |
| 72.5° | 232.6 | 218.7 | 204.7 | 194.7 | 185.7 | 180.1 | 172.4 | 167.9 | 164.9 | 163.9 | 160.7 |
| 75° | 181.2 | 170.0 | 159.7 | 150.5 | 143.4 | 139.4 | 136.2 | 132.9 | 131.6 | 125.7 | 122.5 |
| 77.5° | 132.1 | 124.9 | 118.3 | 111.8 | 106.7 | 104.2 | 97.8 | 94.1 | 91.9 | 89.2 | 88.5 |
| 80° | 102.9 | 97.7 | 91.2 | 87.3 | 80.1 | 77.6 | 74.9 | 74.3 | 73.6 | 73.0 | 72.3 |
| 82.5° | 77.4 | 72.2 | 65.7 | 63.3 | 61.4 | 59.9 | 58.2 | 57.6 | 56.9 | 57.3 | 57.2 |
| 85° | 39.1 | 36.5 | 36.5 | 35.8 | 35.2 | 34.5 | 33.8 | 33.8 | 33.3 | 33.8 | 33.3 |
| 87.5° | 14.4 | 14.1 | 14.3 | 13.5 | 14.1 | 14.3 | 13.9 | 14.1 | 14.8 | 13.9 | 13.9 |
| 90° | 6.9 | 8.0 | 9.0 | 9.9 | 10.8 | 11.8 | 12.5 | 13.3 | 13.9 | 14.7 | 15.2 |
| 92.5° | 17.5 | 18.6 | 19.3 | 20.0 | 20.6 | 21.3 | 21.7 | 22.1 | 22.6 | 23.0 | 23.3 |
| 95° | 36.6 | 37.5 | 38.4 | 39.2 | 40.1 | 40.8 | 41.2 | 41.6 | 41.9 | 42.3 | 42.5 |
| 97.5° | 59.8 | 60.7 | 61.6 | 62.7 | 63.6 | 64.7 | 65.0 | 65.5 | 65.9 | 66.4 | 66.5 |
| 100° | 77.2 | 77.9 | 79.0 | 80.1 | 81.2 | 82.3 | 82.5 | 82.8 | 82.9 | 83.2 | 83.3 |
| 102.5° | 95.8 | 96.4 | 97.4 | 98.3 | 99.3 | 100.3 | 100.7 | 100.9 | 101.3 | 101.6 | 101.9 |
| 105° | 125.7 | 126.0 | 126.5 | 127.0 | 127.4 | 127.9 | 128.3 | 128.7 | 129.0 | 129.4 | 129.7 |
| 107.5° | 157.6 | 157.7 | 157.7 | 157.8 | 157.9 | 158.0 | 158.3 | 158.6 | 158.9 | 159.3 | 159.5 |
| 110° | 179.5 | 179.5 | 179.4 | 179.3 | 179.2 | 179.0 | 178.8 | 178.5 | 178.3 | 178.0 | 178.1 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 201.0 | 201.0 | 200.8 | 200.5 | 200.3 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 |
| 115° | 234.4 | 234.2 | 234.0 | 233.8 | 233.6 | 233.3 | 233.2 | 233.1 | 233.0 | 232.8 | 232.7 |
| 117.5° | 266.4 | 266.4 | 266.2 | 266.0 | 265.8 | 265.7 | 265.2 | 264.9 | 264.5 | 264.0 | 263.7 |
| 120° | 289.0 | 289.1 | 288.7 | 288.3 | 287.9 | 287.6 | 287.0 | 286.4 | 285.8 | 285.2 | 285.0 |
| 122.5° | 309.7 | 309.8 | 309.6 | 309.4 | 309.2 | 309.2 | 308.7 | 308.3 | 307.9 | 307.5 | 307.1 |
| 125° | 341.4 | 341.3 | 341.2 | 341.1 | 340.9 | 340.8 | 340.5 | 340.4 | 340.1 | 339.9 | 339.6 |
| 127.5° | 372.1 | 372.2 | 372.0 | 371.8 | 371.6 | 371.5 | 371.3 | 371.0 | 370.8 | 370.5 | 370.3 |
| 130° | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.3 | 392.0 | 391.6 |
| 132.5° | 413.5 | 413.6 | 413.5 | 413.4 | 413.3 | 413.2 | 412.9 | 412.7 | 412.5 | 412.3 | 412.0 |
| 135° | 443.2 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.3 | 443.0 | 442.8 | 442.5 | 442.2 |
| 137.5° | 471.9 | 472.2 | 472.4 | 472.6 | 472.8 | 473.0 | 472.7 | 472.3 | 472.0 | 471.7 | 471.6 |
| 140° | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.6 | 491.5 | 491.4 | 491.3 |
| 142.5° | 510.3 | 510.3 | 510.2 | 510.1 | 510.0 | 509.9 | 509.9 | 509.9 | 509.9 | 509.8 | 509.8 |
| 145° | 536.8 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 | 537.3 | 537.2 | 537.1 | 536.9 |
| 147.5° | 562.6 | 562.8 | 562.7 | 562.6 | 562.5 | 562.4 | 562.3 | 562.2 | 562.1 | 562.0 | 561.9 |
| 150° | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 591.5 | 591.7 | 591.8 | 591.9 | 592.0 | 592.1 | 592.4 | 592.7 | 593.0 | 593.2 | 593.2 |
| 155° | 612.8 | 612.7 | 612.7 | 612.6 | 612.5 | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 |
| 157.5° | 630.9 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 631.0 | 631.4 | 631.8 | 632.2 | 632.1 |
| 160° | 642.4 | 642.3 | 642.2 | 642.2 | 642.0 | 641.9 | 642.2 | 642.6 | 642.9 | 643.3 | 643.2 |
| 162.5° | 652.1 | 651.8 | 651.7 | 651.6 | 651.5 | 651.3 | 652.0 | 652.6 | 653.3 | 653.9 | 653.9 |
| 165° | 665.7 | 665.4 | 665.2 | 665.0 | 664.7 | 664.5 | 665.2 | 665.9 | 666.6 | 667.3 | 667.4 |
| 167.5° | 675.8 | 675.5 | 675.5 | 675.6 | 675.6 | 675.6 | 676.4 | 677.0 | 677.8 | 678.5 | 678.4 |
| 170° | 681.4 | 681.2 | 681.3 | 681.4 | 681.6 | 681.6 | 682.4 | 683.1 | 683.8 | 684.5 | 684.5 |
| 172.5° | 686.1 | 685.9 | 685.9 | 685.9 | 685.9 | 686.0 | 686.7 | 687.6 | 688.4 | 689.2 | 689.2 |
| 175° | 691.6 | 691.3 | 691.2 | 691.1 | 690.9 | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 |
| 177.5° | 694.0 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.5 | 695.1 | 695.8 | 696.4 | 696.4 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 |
| 2.5° | 1543.7 | 1544.7 | 1541.2 | 1540.1 | 1541.2 | 1544.7 | 1543.7 | 1546.9 | 1547.4 | 1551.5 | 1550.0 |
| 5° | 1432.2 | 1430.9 | 1427.6 | 1428.2 | 1427.6 | 1430.9 | 1432.2 | 1437.4 | 1440.0 | 1450.4 | 1449.2 |
| 7.5° | 1336.8 | 1331.7 | 1333.1 | 1327.9 | 1333.1 | 1331.7 | 1336.8 | 1341.5 | 1349.4 | 1354.2 | 1365.2 |
| 10° | 1278.4 | 1271.2 | 1265.4 | 1260.2 | 1265.4 | 1271.2 | 1278.4 | 1281.0 | 1292.1 | 1297.3 | 1308.3 |
| 12.5° | 1198.6 | 1192.5 | 1184.6 | 1186.2 | 1184.6 | 1192.5 | 1198.6 | 1210.1 | 1224.4 | 1235.3 | 1252.6 |
| 15° | 1085.5 | 1075.7 | 1060.2 | 1062.1 | 1060.2 | 1075.7 | 1085.5 | 1094.0 | 1108.3 | 1133.1 | 1144.8 |
| 17.5° | 989.8 | 989.9 | 982.7 | 984.4 | 982.7 | 989.9 | 989.8 | 1001.4 | 1008.6 | 1024.4 | 1042.4 |
| 20° | 940.3 | 935.7 | 936.3 | 934.3 | 936.3 | 935.7 | 940.3 | 953.9 | 961.8 | 972.8 | 992.4 |
| 22.5° | 905.9 | 900.2 | 895.7 | 891.6 | 895.7 | 900.2 | 905.9 | 909.6 | 920.0 | 930.6 | 946.5 |
| 25° | 847.7 | 843.8 | 837.9 | 836.6 | 837.9 | 843.8 | 847.7 | 853.6 | 858.8 | 872.5 | 882.2 |
| 27.5° | 796.6 | 795.9 | 793.5 | 790.5 | 793.5 | 795.9 | 796.6 | 801.8 | 808.6 | 817.4 | 829.7 |
| 30° | 766.9 | 765.6 | 764.3 | 762.3 | 764.3 | 765.6 | 766.9 | 772.1 | 777.3 | 784.5 | 794.3 |
| 32.5° | 740.4 | 739.5 | 738.2 | 738.4 | 738.2 | 739.5 | 740.4 | 742.9 | 746.0 | 755.4 | 763.0 |
| 35° | 702.4 | 701.7 | 700.5 | 699.8 | 700.5 | 701.7 | 702.4 | 705.0 | 707.0 | 709.5 | 716.0 |
| 37.5° | 666.9 | 668.6 | 667.9 | 667.7 | 667.9 | 668.6 | 666.9 | 667.6 | 665.5 | 670.2 | 674.7 |
| 40° | 642.4 | 643.1 | 644.4 | 643.8 | 644.4 | 643.1 | 642.4 | 643.1 | 643.1 | 643.1 | 647.1 |
| 42.5° | 622.2 | 622.3 | 624.1 | 621.9 | 624.1 | 622.3 | 622.2 | 619.6 | 616.5 | 617.1 | 618.3 |
| 45° | 585.8 | 589.7 | 589.0 | 589.0 | 589.0 | 589.7 | 585.8 | 581.2 | 580.6 | 578.0 | 578.0 |
| 47.5° | 546.0 | 549.4 | 550.4 | 550.2 | 550.4 | 549.4 | 546.0 | 544.3 | 541.3 | 538.8 | 538.5 |
| 50° | 520.0 | 518.7 | 520.7 | 520.0 | 520.7 | 518.7 | 520.0 | 516.7 | 512.2 | 512.2 | 510.9 |
| 52.5° | 488.1 | 488.4 | 488.3 | 487.7 | 488.3 | 488.4 | 488.1 | 486.4 | 484.6 | 482.4 | 481.6 |
| 55° | 439.1 | 439.8 | 438.5 | 439.1 | 438.5 | 439.8 | 439.1 | 438.5 | 438.5 | 437.2 | 438.5 |
| 57.5° | 386.0 | 382.9 | 384.2 | 382.6 | 384.2 | 382.9 | 386.0 | 388.9 | 389.9 | 390.2 | 392.1 |
| 60° | 348.0 | 342.7 | 341.4 | 338.8 | 341.4 | 342.7 | 348.0 | 354.5 | 357.0 | 358.4 | 360.3 |
| 62.5° | 305.2 | 301.5 | 297.1 | 299.2 | 297.1 | 301.5 | 305.2 | 312.3 | 318.0 | 322.4 | 327.0 |
| 65° | 248.3 | 245.6 | 243.6 | 246.3 | 243.6 | 245.6 | 248.3 | 253.4 | 258.6 | 269.1 | 278.9 |
| 67.5° | 205.5 | 204.1 | 204.1 | 202.7 | 204.1 | 204.1 | 205.5 | 208.1 | 211.4 | 217.1 | 226.2 |
| 70° | 183.1 | 181.2 | 181.2 | 179.8 | 181.2 | 181.2 | 183.1 | 183.1 | 186.3 | 189.0 | 195.5 |
| 72.5° | 160.1 | 158.2 | 158.7 | 158.0 | 158.7 | 158.2 | 160.1 | 160.7 | 163.9 | 164.9 | 167.9 |
| 75° | 118.6 | 115.4 | 115.4 | 116.0 | 115.4 | 115.4 | 118.6 | 122.5 | 125.7 | 131.6 | 132.9 |
| 77.5° | 88.5 | 87.8 | 88.8 | 87.6 | 88.8 | 87.8 | 88.5 | 88.5 | 89.2 | 91.9 | 94.1 |
| 80° | 72.3 | 71.6 | 71.1 | 73.0 | 71.1 | 71.6 | 72.3 | 72.3 | 73.0 | 73.6 | 74.3 |
| 82.5° | 56.2 | 56.1 | 55.9 | 58.3 | 55.9 | 56.1 | 56.2 | 57.2 | 57.3 | 56.9 | 57.6 |
| 85° | 33.8 | 32.6 | 33.8 | 32.6 | 33.8 | 32.6 | 33.8 | 33.3 | 33.8 | 33.3 | 33.8 |
| 87.5° | 15.1 | 14.6 | 14.1 | 14.7 | 14.1 | 14.6 | 15.1 | 13.9 | 13.9 | 14.8 | 14.1 |
| 90° | 15.5 | 15.6 | 15.9 | 16.1 | 15.9 | 15.6 | 15.5 | 15.2 | 14.7 | 13.9 | 13.3 |
| 92.5° | 23.5 | 23.6 | 23.8 | 23.8 | 23.8 | 23.6 | 23.5 | 23.3 | 23.0 | 22.6 | 22.1 |
| 95° | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.3 | 41.9 | 41.6 |
| 97.5° | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.4 | 65.9 | 65.5 |
| 100° | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.2 | 82.9 | 82.8 |
| 102.5° | 102.0 | 102.1 | 102.2 | 102.3 | 102.2 | 102.1 | 102.0 | 101.9 | 101.6 | 101.3 | 100.9 |
| 105° | 130.1 | 130.4 | 130.8 | 131.2 | 130.8 | 130.4 | 130.1 | 129.7 | 129.4 | 129.0 | 128.7 |
| 107.5° | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.5 | 159.3 | 158.9 | 158.6 |
| 110° | 178.5 | 178.8 | 179.2 | 179.6 | 179.2 | 178.8 | 178.5 | 178.1 | 178.0 | 178.3 | 178.5 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.0 | 200.0 | 200.1 | 200.2 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 | 200.0 |
| 115° | 232.6 | 232.4 | 232.3 | 232.2 | 232.3 | 232.4 | 232.6 | 232.7 | 232.8 | 233.0 | 233.1 |
| 117.5° | 263.4 | 263.3 | 263.0 | 262.8 | 263.0 | 263.3 | 263.4 | 263.7 | 264.0 | 264.5 | 264.9 |
| 120° | 285.3 | 285.5 | 285.8 | 286.0 | 285.8 | 285.5 | 285.3 | 285.0 | 285.2 | 285.8 | 286.4 |
| 122.5° | 306.6 | 306.2 | 305.8 | 305.4 | 305.8 | 306.2 | 306.6 | 307.1 | 307.5 | 307.9 | 308.3 |
| 125° | 339.4 | 339.1 | 338.9 | 338.7 | 338.9 | 339.1 | 339.4 | 339.6 | 339.9 | 340.1 | 340.4 |
| 127.5° | 370.1 | 369.9 | 369.8 | 369.6 | 369.8 | 369.9 | 370.1 | 370.3 | 370.5 | 370.8 | 371.0 |
| 130° | 391.2 | 390.7 | 390.2 | 389.7 | 390.2 | 390.7 | 391.2 | 391.6 | 392.0 | 392.3 | 392.5 |
| 132.5° | 411.8 | 411.6 | 411.4 | 411.2 | 411.4 | 411.6 | 411.8 | 412.0 | 412.3 | 412.5 | 412.7 |
| 135° | 441.9 | 441.5 | 441.2 | 440.8 | 441.2 | 441.5 | 441.9 | 442.2 | 442.5 | 442.8 | 443.0 |
| 137.5° | 471.6 | 471.7 | 471.8 | 471.9 | 471.8 | 471.7 | 471.6 | 471.6 | 471.7 | 472.0 | 472.3 |
| 140° | 491.2 | 491.1 | 491.0 | 490.8 | 491.0 | 491.1 | 491.2 | 491.3 | 491.4 | 491.5 | 491.6 |
| 142.5° | 509.8 | 509.8 | 509.7 | 509.7 | 509.7 | 509.8 | 509.8 | 509.8 | 509.8 | 509.9 | 509.9 |
| 145° | 536.5 | 536.1 | 535.7 | 535.5 | 535.7 | 536.1 | 536.5 | 536.9 | 537.1 | 537.2 | 537.3 |
| 147.5° | 561.8 | 561.7 | 561.6 | 561.5 | 561.6 | 561.7 | 561.8 | 561.9 | 562.0 | 562.1 | 562.2 |
| 150° | 577.7 | 577.6 | 577.5 | 577.4 | 577.5 | 577.6 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 593.0 | 592.6 | 592.3 | 592.0 | 592.3 | 592.6 | 593.0 | 593.2 | 593.2 | 593.0 | 592.7 |
| 155° | 613.7 | 613.2 | 612.7 | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 |
| 157.5° | 631.7 | 631.3 | 630.8 | 630.5 | 630.8 | 631.3 | 631.7 | 632.1 | 632.2 | 631.8 | 631.4 |
| 160° | 642.6 | 642.0 | 641.4 | 640.8 | 641.4 | 642.0 | 642.6 | 643.2 | 643.3 | 642.9 | 642.6 |
| 162.5° | 653.4 | 652.7 | 652.1 | 651.6 | 652.1 | 652.7 | 653.4 | 653.9 | 653.9 | 653.3 | 652.6 |
| 165° | 666.9 | 666.5 | 666.0 | 665.5 | 666.0 | 666.5 | 666.9 | 667.4 | 667.3 | 666.6 | 665.9 |
| 167.5° | 677.8 | 677.0 | 676.3 | 675.5 | 676.3 | 677.0 | 677.8 | 678.4 | 678.5 | 677.8 | 677.0 |
| 170° | 683.6 | 682.8 | 681.9 | 681.1 | 681.9 | 682.8 | 683.6 | 684.5 | 684.5 | 683.8 | 683.1 |
| 172.5° | 688.3 | 687.5 | 686.6 | 685.9 | 686.6 | 687.5 | 688.3 | 689.2 | 689.2 | 688.4 | 687.6 |
| 175° | 693.3 | 692.5 | 691.6 | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 |
| 177.5° | 695.7 | 694.9 | 694.1 | 693.3 | 694.1 | 694.9 | 695.7 | 696.4 | 696.4 | 695.8 | 695.1 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 |
| 2.5° | 1546.9 | 1550.5 | 1558.9 | 1568.2 | 1576.0 | 1582.8 | 1588.0 | 1595.3 | 1602.1 | 1611.5 | 1620.3 |
| 5° | 1453.0 | 1462.2 | 1475.2 | 1490.8 | 1510.3 | 1523.4 | 1539.7 | 1554.1 | 1574.9 | 1595.7 | 1615.9 |
| 7.5° | 1370.6 | 1380.7 | 1399.9 | 1421.4 | 1444.7 | 1466.0 | 1485.4 | 1510.6 | 1538.2 | 1568.6 | 1602.5 |
| 10° | 1317.5 | 1328.6 | 1351.4 | 1376.1 | 1403.5 | 1424.4 | 1450.4 | 1480.4 | 1511.6 | 1548.8 | 1590.5 |
| 12.5° | 1269.5 | 1280.1 | 1307.6 | 1332.8 | 1361.3 | 1384.2 | 1414.5 | 1444.9 | 1486.7 | 1526.9 | 1574.3 |
| 15° | 1176.1 | 1204.1 | 1235.4 | 1265.4 | 1299.3 | 1327.3 | 1363.8 | 1395.1 | 1434.8 | 1491.5 | 1545.6 |
| 17.5° | 1072.3 | 1102.2 | 1141.0 | 1187.3 | 1232.8 | 1267.4 | 1304.5 | 1343.3 | 1390.6 | 1448.5 | 1510.9 |
| 20° | 1011.9 | 1036.0 | 1079.0 | 1130.5 | 1183.3 | 1231.5 | 1265.4 | 1308.3 | 1357.3 | 1419.8 | 1484.3 |
| 22.5° | 966.6 | 987.0 | 1020.7 | 1072.1 | 1129.1 | 1185.1 | 1228.3 | 1270.8 | 1324.9 | 1387.5 | 1457.7 |
| 25° | 898.5 | 920.7 | 950.0 | 985.2 | 1050.4 | 1109.7 | 1166.3 | 1215.2 | 1272.5 | 1335.1 | 1413.2 |
| 27.5° | 842.0 | 861.3 | 888.1 | 924.7 | 968.6 | 1034.0 | 1102.6 | 1158.4 | 1217.2 | 1284.3 | 1362.6 |
| 30° | 808.6 | 824.3 | 846.4 | 883.5 | 925.3 | 983.9 | 1053.6 | 1118.8 | 1178.1 | 1247.7 | 1329.3 |
| 32.5° | 773.7 | 790.4 | 812.0 | 841.3 | 886.2 | 935.4 | 1005.1 | 1076.6 | 1139.5 | 1210.8 | 1290.6 |
| 35° | 727.2 | 740.2 | 759.8 | 789.8 | 830.1 | 873.1 | 935.0 | 1008.6 | 1075.2 | 1151.3 | 1227.6 |
| 37.5° | 680.1 | 695.5 | 710.9 | 737.6 | 770.7 | 817.0 | 867.6 | 942.8 | 1016.4 | 1086.1 | 1160.5 |
| 40° | 653.6 | 662.7 | 679.6 | 701.1 | 736.3 | 777.3 | 824.9 | 898.5 | 972.1 | 1041.2 | 1116.2 |
| 42.5° | 623.9 | 634.0 | 648.3 | 669.9 | 701.3 | 741.4 | 787.9 | 851.6 | 928.4 | 995.3 | 1063.5 |
| 45° | 582.5 | 588.3 | 602.8 | 620.9 | 647.1 | 687.4 | 730.5 | 787.1 | 859.4 | 923.3 | 983.3 |
| 47.5° | 540.8 | 545.9 | 554.9 | 571.6 | 600.8 | 633.2 | 673.4 | 724.3 | 787.8 | 851.6 | 902.3 |
| 50° | 512.2 | 516.7 | 525.2 | 540.8 | 566.8 | 598.8 | 638.6 | 684.2 | 740.8 | 802.1 | 844.4 |
| 52.5° | 483.4 | 486.0 | 493.9 | 511.6 | 533.5 | 565.0 | 600.5 | 642.4 | 695.5 | 746.3 | 789.2 |
| 55° | 437.9 | 443.7 | 448.9 | 461.9 | 482.9 | 512.8 | 544.7 | 584.5 | 625.6 | 668.5 | 705.0 |
| 57.5° | 390.3 | 396.7 | 404.3 | 415.8 | 432.3 | 460.1 | 488.8 | 521.0 | 556.1 | 591.7 | 622.4 |
| 60° | 359.0 | 364.9 | 371.4 | 384.5 | 399.4 | 421.6 | 452.9 | 480.9 | 507.6 | 540.2 | 570.8 |
| 62.5° | 328.3 | 334.1 | 341.7 | 352.1 | 366.6 | 387.7 | 413.8 | 438.1 | 465.9 | 494.3 | 517.1 |
| 65° | 282.8 | 287.4 | 293.2 | 303.0 | 316.7 | 335.5 | 357.0 | 376.0 | 400.8 | 421.6 | 442.4 |
| 67.5° | 232.9 | 241.6 | 249.3 | 257.2 | 268.8 | 286.4 | 302.0 | 320.1 | 336.9 | 352.4 | 371.4 |
| 70° | 200.0 | 209.8 | 217.0 | 225.5 | 236.5 | 251.5 | 266.5 | 278.9 | 292.6 | 307.6 | 324.5 |
| 72.5° | 172.4 | 180.1 | 185.7 | 194.7 | 204.7 | 218.7 | 232.6 | 242.9 | 254.0 | 264.3 | 280.7 |
| 75° | 136.2 | 139.4 | 143.4 | 150.5 | 159.7 | 170.0 | 181.2 | 190.3 | 196.8 | 205.9 | 217.6 |
| 77.5° | 97.8 | 104.2 | 106.7 | 111.8 | 118.3 | 124.9 | 132.1 | 139.9 | 146.1 | 149.3 | 158.3 |
| 80° | 74.9 | 77.6 | 80.1 | 87.3 | 91.2 | 97.7 | 102.9 | 110.1 | 112.7 | 116.0 | 124.4 |
| 82.5° | 58.2 | 59.9 | 61.4 | 63.3 | 65.7 | 72.2 | 77.4 | 82.0 | 84.5 | 85.8 | 92.2 |
| 85° | 33.8 | 34.5 | 35.2 | 35.8 | 36.5 | 36.5 | 39.1 | 42.3 | 46.9 | 46.9 | 48.8 |
| 87.5° | 13.9 | 14.3 | 14.1 | 13.5 | 14.3 | 14.1 | 14.4 | 14.1 | 15.5 | 16.8 | 18.0 |
| 90° | 12.5 | 11.8 | 10.8 | 9.9 | 9.0 | 8.0 | 6.9 | 5.6 | 4.2 | 2.9 | 1.6 |
| 92.5° | 21.7 | 21.3 | 20.6 | 20.0 | 19.3 | 18.6 | 17.5 | 16.0 | 14.5 | 13.0 | 11.5 |
| 95° | 41.2 | 40.8 | 40.1 | 39.2 | 38.4 | 37.5 | 36.6 | 35.4 | 34.4 | 33.4 | 32.2 |
| 97.5° | 65.0 | 64.7 | 63.6 | 62.7 | 61.6 | 60.7 | 59.8 | 58.9 | 58.1 | 57.2 | 56.4 |
| 100° | 82.5 | 82.3 | 81.2 | 80.1 | 79.0 | 77.9 | 77.2 | 76.7 | 76.3 | 75.8 | 75.2 |
| 102.5° | 100.7 | 100.3 | 99.3 | 98.3 | 97.4 | 96.4 | 95.8 | 95.6 | 95.4 | 95.2 | 95.0 |
| 105° | 128.3 | 127.9 | 127.4 | 127.0 | 126.5 | 126.0 | 125.7 | 125.6 | 125.5 | 125.4 | 125.3 |
| 107.5° | 158.3 | 158.0 | 157.9 | 157.8 | 157.7 | 157.7 | 157.6 | 157.4 | 157.2 | 157.1 | 156.9 |
| 110° | 178.8 | 179.0 | 179.2 | 179.3 | 179.4 | 179.5 | 179.5 | 179.2 | 179.0 | 178.7 | 178.5 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.0 | 200.1 | 200.3 | 200.5 | 200.8 | 201.0 | 201.0 | 201.0 | 201.0 | 200.9 | 200.9 |
| 115° | 233.2 | 233.3 | 233.6 | 233.8 | 234.0 | 234.2 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 |
| 117.5° | 265.2 | 265.7 | 265.8 | 266.0 | 266.2 | 266.4 | 266.4 | 266.3 | 266.2 | 266.1 | 266.0 |
| 120° | 287.0 | 287.6 | 287.9 | 288.3 | 288.7 | 289.1 | 289.0 | 288.5 | 288.0 | 287.6 | 287.1 |
| 122.5° | 308.7 | 309.2 | 309.2 | 309.4 | 309.6 | 309.8 | 309.7 | 309.5 | 309.3 | 309.2 | 309.0 |
| 125° | 340.5 | 340.8 | 340.9 | 341.1 | 341.2 | 341.3 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |
| 127.5° | 371.3 | 371.5 | 371.6 | 371.8 | 372.0 | 372.2 | 372.1 | 371.8 | 371.5 | 371.1 | 370.7 |
| 130° | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.1 | 391.7 | 391.3 |
| 132.5° | 412.9 | 413.2 | 413.3 | 413.4 | 413.5 | 413.6 | 413.5 | 413.2 | 412.9 | 412.7 | 412.5 |
| 135° | 443.3 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.2 | 442.4 | 441.7 | 441.0 | 440.3 |
| 137.5° | 472.7 | 473.0 | 472.8 | 472.6 | 472.4 | 472.2 | 471.9 | 471.6 | 471.3 | 470.9 | 470.6 |
| 140° | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.5 | 491.3 | 491.1 | 490.8 |
| 142.5° | 509.9 | 509.9 | 510.0 | 510.1 | 510.2 | 510.3 | 510.3 | 510.0 | 509.8 | 509.5 | 509.3 |
| 145° | 537.4 | 537.5 | 537.4 | 537.3 | 537.2 | 537.1 | 536.8 | 536.3 | 535.8 | 535.4 | 534.9 |
| 147.5° | 562.3 | 562.4 | 562.5 | 562.6 | 562.7 | 562.8 | 562.6 | 561.9 | 561.4 | 560.8 | 560.2 |
| 150° | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.7 | 577.2 | 576.7 | 576.3 | 575.7 |
| 152.5° | 592.4 | 592.1 | 592.0 | 591.9 | 591.8 | 591.7 | 591.5 | 591.3 | 591.0 | 590.7 | 590.4 |
| 155° | 612.7 | 612.3 | 612.5 | 612.6 | 612.7 | 612.7 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 |
| 157.5° | 631.0 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 630.9 | 631.1 | 631.3 | 631.5 | 631.8 |
| 160° | 642.2 | 641.9 | 642.0 | 642.2 | 642.2 | 642.3 | 642.4 | 642.6 | 642.7 | 642.8 | 642.9 |
| 162.5° | 652.0 | 651.3 | 651.5 | 651.6 | 651.7 | 651.8 | 652.1 | 652.3 | 652.6 | 653.0 | 653.3 |
| 165° | 665.2 | 664.5 | 664.7 | 665.0 | 665.2 | 665.4 | 665.7 | 666.1 | 666.4 | 666.8 | 667.1 |
| 167.5° | 676.4 | 675.6 | 675.6 | 675.6 | 675.5 | 675.5 | 675.8 | 676.3 | 676.7 | 677.3 | 677.8 |
| 170° | 682.4 | 681.6 | 681.6 | 681.4 | 681.3 | 681.2 | 681.4 | 682.0 | 682.6 | 683.2 | 683.8 |
| 172.5° | 686.7 | 686.0 | 685.9 | 685.9 | 685.9 | 685.9 | 686.1 | 686.6 | 687.1 | 687.6 | 688.1 |
| 175° | 691.6 | 690.8 | 690.9 | 691.1 | 691.2 | 691.3 | 691.6 | 692.2 | 692.9 | 693.4 | 694.0 |
| 177.5° | 694.5 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.0 | 694.6 | 695.0 | 695.5 | 696.0 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 |
| 2.5° | 1627.1 | 1631.8 | 1637.0 | 1646.9 | 1655.3 | 1659.0 | 1666.2 | 1671.4 | 1669.9 | 1677.2 | 1689.7 |
| 5° | 1633.5 | 1651.1 | 1671.3 | 1692.1 | 1715.6 | 1735.1 | 1750.8 | 1766.4 | 1778.9 | 1793.8 | 1816.0 |
| 7.5° | 1632.5 | 1663.8 | 1697.8 | 1735.1 | 1773.6 | 1806.9 | 1837.6 | 1868.9 | 1896.6 | 1927.0 | 1966.7 |
| 10° | 1628.3 | 1670.0 | 1712.3 | 1761.2 | 1810.1 | 1856.3 | 1898.1 | 1937.1 | 1974.3 | 2014.0 | 2064.3 |
| 12.5° | 1623.6 | 1671.6 | 1722.8 | 1781.6 | 1842.4 | 1898.1 | 1947.1 | 2003.4 | 2049.8 | 2101.1 | 2159.1 |
| 15° | 1602.9 | 1667.4 | 1737.1 | 1813.4 | 1886.3 | 1961.2 | 2028.4 | 2097.4 | 2161.9 | 2223.2 | 2296.2 |
| 17.5° | 1579.1 | 1653.6 | 1735.8 | 1825.9 | 1913.5 | 2004.7 | 2084.2 | 2171.3 | 2237.3 | 2319.5 | 2387.3 |
| 20° | 1559.9 | 1640.0 | 1728.0 | 1829.0 | 1928.7 | 2029.7 | 2117.6 | 2206.3 | 2280.6 | 2363.3 | 2449.3 |
| 22.5° | 1536.4 | 1624.4 | 1719.7 | 1824.3 | 1928.7 | 2039.1 | 2136.4 | 2224.5 | 2316.5 | 2409.7 | 2498.3 |
| 25° | 1498.6 | 1589.9 | 1690.8 | 1805.5 | 1925.4 | 2038.2 | 2142.4 | 2251.8 | 2350.9 | 2451.9 | 2531.4 |
| 27.5° | 1452.3 | 1548.0 | 1654.5 | 1772.8 | 1895.8 | 2011.3 | 2134.1 | 2250.7 | 2350.4 | 2447.6 | 2517.0 |
| 30° | 1415.2 | 1516.3 | 1618.5 | 1738.4 | 1866.1 | 1989.9 | 2121.6 | 2238.2 | 2343.1 | 2430.4 | 2469.5 |
| 32.5° | 1377.1 | 1473.0 | 1578.4 | 1699.9 | 1830.7 | 1963.9 | 2094.4 | 2213.7 | 2310.7 | 2363.1 | 2364.2 |
| 35° | 1311.0 | 1400.9 | 1510.3 | 1629.7 | 1763.9 | 1908.5 | 2040.8 | 2158.0 | 2217.3 | 2221.9 | 2158.0 |
| 37.5° | 1238.8 | 1321.3 | 1424.7 | 1544.0 | 1691.0 | 1834.8 | 1970.0 | 2048.1 | 2068.0 | 2001.7 | 1883.6 |
| 40° | 1187.2 | 1263.4 | 1363.1 | 1485.6 | 1631.5 | 1780.1 | 1903.3 | 1960.6 | 1939.8 | 1832.2 | 1700.6 |
| 42.5° | 1132.9 | 1204.0 | 1300.0 | 1421.0 | 1567.4 | 1717.6 | 1822.5 | 1853.2 | 1798.0 | 1673.8 | 1519.8 |
| 45° | 1044.5 | 1109.7 | 1204.8 | 1326.6 | 1467.4 | 1608.1 | 1687.6 | 1672.0 | 1580.1 | 1432.9 | 1260.2 |
| 47.5° | 952.3 | 1015.3 | 1100.9 | 1213.6 | 1357.7 | 1479.2 | 1533.0 | 1485.9 | 1355.2 | 1193.2 | 1052.7 |
| 50° | 891.4 | 955.8 | 1034.7 | 1142.3 | 1273.8 | 1391.1 | 1425.7 | 1354.0 | 1208.7 | 1052.9 | 924.0 |
| 52.5° | 831.4 | 886.6 | 963.8 | 1067.7 | 1193.5 | 1292.6 | 1311.0 | 1228.3 | 1078.4 | 938.8 | 824.3 |
| 55° | 740.2 | 790.4 | 855.5 | 953.3 | 1062.1 | 1146.1 | 1136.3 | 1030.2 | 894.0 | 774.8 | 684.9 |
| 57.5° | 652.0 | 689.8 | 750.0 | 841.6 | 937.1 | 993.5 | 957.8 | 867.2 | 740.4 | 642.7 | 566.8 |
| 60° | 593.6 | 628.8 | 684.9 | 765.0 | 849.0 | 880.9 | 850.9 | 752.6 | 652.2 | 563.0 | 499.1 |
| 62.5° | 538.4 | 569.4 | 617.6 | 692.0 | 759.9 | 778.7 | 746.7 | 660.8 | 570.4 | 494.2 | 441.3 |
| 65° | 458.1 | 486.7 | 527.8 | 580.6 | 627.5 | 636.6 | 615.8 | 527.8 | 459.4 | 395.5 | 359.0 |
| 67.5° | 385.2 | 404.0 | 436.0 | 481.6 | 506.5 | 511.9 | 471.6 | 416.3 | 356.0 | 316.8 | 289.3 |
| 70° | 336.2 | 349.2 | 379.2 | 404.0 | 424.1 | 424.8 | 387.7 | 343.4 | 297.1 | 265.2 | 245.0 |
| 72.5° | 288.8 | 301.3 | 324.0 | 340.9 | 356.4 | 351.4 | 317.4 | 282.4 | 245.0 | 220.9 | 205.9 |
| 75° | 222.8 | 233.9 | 245.6 | 253.4 | 253.4 | 246.9 | 222.2 | 196.1 | 174.7 | 160.3 | 155.7 |
| 77.5° | 162.0 | 171.1 | 175.0 | 173.8 | 171.5 | 161.4 | 145.7 | 128.7 | 120.9 | 114.1 | 110.7 |
| 80° | 127.1 | 131.0 | 132.2 | 129.0 | 125.1 | 113.4 | 102.9 | 95.8 | 88.6 | 86.1 | 84.7 |
| 82.5° | 94.3 | 97.6 | 94.3 | 95.1 | 86.5 | 76.9 | 71.2 | 68.7 | 65.7 | 64.7 | 63.3 |
| 85° | 50.1 | 49.5 | 48.3 | 45.0 | 39.1 | 37.8 | 37.1 | 36.5 | 35.2 | 35.8 | 34.5 |
| 87.5° | 17.8 | 16.5 | 14.7 | 14.4 | 14.6 | 13.8 | 14.5 | 14.7 | 14.9 | 14.5 | 15.6 |
| 90° | 2.9 | 4.2 | 5.6 | 6.9 | 8.0 | 9.0 | 9.9 | 10.8 | 11.8 | 12.5 | 13.3 |
| 92.5° | 13.0 | 14.5 | 16.0 | 17.5 | 18.6 | 19.3 | 20.0 | 20.6 | 21.3 | 21.7 | 22.1 |
| 95° | 33.4 | 34.4 | 35.4 | 36.6 | 37.5 | 38.4 | 39.2 | 40.1 | 40.8 | 41.2 | 41.6 |
| 97.5° | 57.2 | 58.1 | 58.9 | 59.8 | 60.7 | 61.6 | 62.7 | 63.6 | 64.7 | 65.0 | 65.5 |
| 100° | 75.8 | 76.3 | 76.7 | 77.2 | 77.9 | 79.0 | 80.1 | 81.2 | 82.3 | 82.5 | 82.8 |
| 102.5° | 95.2 | 95.4 | 95.6 | 95.8 | 96.4 | 97.4 | 98.3 | 99.3 | 100.3 | 100.7 | 100.9 |
| 105° | 125.4 | 125.5 | 125.6 | 125.7 | 126.0 | 126.5 | 127.0 | 127.4 | 127.9 | 128.3 | 128.7 |
| 107.5° | 157.1 | 157.2 | 157.4 | 157.6 | 157.7 | 157.7 | 157.8 | 157.9 | 158.0 | 158.3 | 158.6 |
| 110° | 178.7 | 179.0 | 179.2 | 179.5 | 179.5 | 179.4 | 179.3 | 179.2 | 179.0 | 178.8 | 178.5 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.9 | 201.0 | 201.0 | 201.0 | 201.0 | 200.8 | 200.5 | 200.3 | 200.1 | 200.0 | 200.0 |
| 115° | 234.4 | 234.4 | 234.4 | 234.4 | 234.2 | 234.0 | 233.8 | 233.6 | 233.3 | 233.2 | 233.1 |
| 117.5° | 266.1 | 266.2 | 266.3 | 266.4 | 266.4 | 266.2 | 266.0 | 265.8 | 265.7 | 265.2 | 264.9 |
| 120° | 287.6 | 288.0 | 288.5 | 289.0 | 289.1 | 288.7 | 288.3 | 287.9 | 287.6 | 287.0 | 286.4 |
| 122.5° | 309.2 | 309.3 | 309.5 | 309.7 | 309.8 | 309.6 | 309.4 | 309.2 | 309.2 | 308.7 | 308.3 |
| 125° | 341.4 | 341.4 | 341.4 | 341.4 | 341.3 | 341.2 | 341.1 | 340.9 | 340.8 | 340.5 | 340.4 |
| 127.5° | 371.1 | 371.5 | 371.8 | 372.1 | 372.2 | 372.0 | 371.8 | 371.6 | 371.5 | 371.3 | 371.0 |
| 130° | 391.7 | 392.1 | 392.5 | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 |
| 132.5° | 412.7 | 412.9 | 413.2 | 413.5 | 413.6 | 413.5 | 413.4 | 413.3 | 413.2 | 412.9 | 412.7 |
| 135° | 441.0 | 441.7 | 442.4 | 443.2 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.3 | 443.0 |
| 137.5° | 470.9 | 471.3 | 471.6 | 471.9 | 472.2 | 472.4 | 472.6 | 472.8 | 473.0 | 472.7 | 472.3 |
| 140° | 491.1 | 491.3 | 491.5 | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.6 |
| 142.5° | 509.5 | 509.8 | 510.0 | 510.3 | 510.3 | 510.2 | 510.1 | 510.0 | 509.9 | 509.9 | 509.9 |
| 145° | 535.4 | 535.8 | 536.3 | 536.8 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 | 537.3 |
| 147.5° | 560.8 | 561.4 | 561.9 | 562.6 | 562.8 | 562.7 | 562.6 | 562.5 | 562.4 | 562.3 | 562.2 |
| 150° | 576.3 | 576.7 | 577.2 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 590.7 | 591.0 | 591.3 | 591.5 | 591.7 | 591.8 | 591.9 | 592.0 | 592.1 | 592.4 | 592.7 |
| 155° | 612.8 | 612.8 | 612.8 | 612.8 | 612.7 | 612.7 | 612.6 | 612.5 | 612.3 | 612.7 | 613.2 |
| 157.5° | 631.5 | 631.3 | 631.1 | 630.9 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 631.0 | 631.4 |
| 160° | 642.8 | 642.7 | 642.6 | 642.4 | 642.3 | 642.2 | 642.2 | 642.0 | 641.9 | 642.2 | 642.6 |
| 162.5° | 653.0 | 652.6 | 652.3 | 652.1 | 651.8 | 651.7 | 651.6 | 651.5 | 651.3 | 652.0 | 652.6 |
| 165° | 666.8 | 666.4 | 666.1 | 665.7 | 665.4 | 665.2 | 665.0 | 664.7 | 664.5 | 665.2 | 665.9 |
| 167.5° | 677.3 | 676.7 | 676.3 | 675.8 | 675.5 | 675.5 | 675.6 | 675.6 | 675.6 | 676.4 | 677.0 |
| 170° | 683.2 | 682.6 | 682.0 | 681.4 | 681.2 | 681.3 | 681.4 | 681.6 | 681.6 | 682.4 | 683.1 |
| 172.5° | 687.6 | 687.1 | 686.6 | 686.1 | 685.9 | 685.9 | 685.9 | 685.9 | 686.0 | 686.7 | 687.6 |
| 175° | 693.4 | 692.9 | 692.2 | 691.6 | 691.3 | 691.2 | 691.1 | 690.9 | 690.8 | 691.6 | 692.5 |
| 177.5° | 695.5 | 695.0 | 694.6 | 694.0 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.5 | 695.1 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 | 1617.2 |
| 2.5° | 1696.5 | 1698.6 | 1700.2 | 1705.3 | 1705.8 | 1710.5 | 1705.8 |
| 5° | 1836.8 | 1846.0 | 1860.3 | 1874.6 | 1875.9 | 1885.0 | 1868.8 |
| 7.5° | 1994.2 | 2015.3 | 2028.5 | 2051.7 | 2060.9 | 2066.5 | 2057.2 |
| 10° | 2102.6 | 2122.2 | 2156.7 | 2173.7 | 2190.7 | 2193.2 | 2185.4 |
| 12.5° | 2207.4 | 2238.4 | 2265.7 | 2297.7 | 2297.0 | 2319.9 | 2311.6 |
| 15° | 2347.0 | 2379.0 | 2416.7 | 2452.6 | 2465.6 | 2465.6 | 2476.1 |
| 17.5° | 2446.6 | 2505.1 | 2544.2 | 2572.3 | 2603.1 | 2608.4 | 2604.8 |
| 20° | 2513.9 | 2577.0 | 2618.8 | 2655.2 | 2676.1 | 2681.9 | 2681.9 |
| 22.5° | 2563.8 | 2617.6 | 2658.3 | 2691.1 | 2708.4 | 2715.3 | 2713.2 |
| 25° | 2598.5 | 2644.8 | 2669.6 | 2679.3 | 2683.9 | 2682.6 | 2670.2 |
| 27.5° | 2551.1 | 2549.0 | 2533.4 | 2503.4 | 2480.9 | 2467.2 | 2451.6 |
| 30° | 2460.4 | 2426.5 | 2387.4 | 2344.4 | 2289.1 | 2246.6 | 2233.6 |
| 32.5° | 2325.3 | 2249.3 | 2183.0 | 2111.4 | 2051.8 | 2009.5 | 1991.8 |
| 35° | 2064.3 | 1943.7 | 1845.3 | 1759.3 | 1696.8 | 1657.6 | 1644.6 |
| 37.5° | 1754.4 | 1637.7 | 1515.9 | 1432.5 | 1380.5 | 1341.0 | 1326.3 |
| 40° | 1557.3 | 1430.2 | 1324.0 | 1245.9 | 1192.4 | 1154.0 | 1153.3 |
| 42.5° | 1377.4 | 1256.1 | 1156.2 | 1099.9 | 1042.3 | 1016.8 | 1016.7 |
| 45° | 1127.8 | 1030.8 | 946.1 | 901.8 | 867.2 | 846.4 | 840.6 |
| 47.5° | 933.9 | 853.6 | 797.1 | 761.9 | 733.7 | 720.4 | 711.8 |
| 50° | 824.9 | 754.5 | 709.5 | 678.9 | 663.3 | 646.4 | 645.1 |
| 52.5° | 734.2 | 677.4 | 642.3 | 617.5 | 597.7 | 587.5 | 587.8 |
| 55° | 617.1 | 572.1 | 547.3 | 528.4 | 512.8 | 505.0 | 501.7 |
| 57.5° | 519.8 | 486.1 | 468.1 | 450.7 | 444.1 | 438.0 | 436.3 |
| 60° | 459.4 | 436.6 | 419.6 | 406.0 | 396.2 | 394.2 | 393.5 |
| 62.5° | 409.3 | 385.5 | 373.7 | 363.2 | 356.0 | 353.0 | 351.9 |
| 65° | 337.5 | 319.9 | 309.5 | 301.0 | 298.4 | 293.9 | 293.2 |
| 67.5° | 272.1 | 261.6 | 254.7 | 248.7 | 245.2 | 245.0 | 245.0 |
| 70° | 232.0 | 226.1 | 220.3 | 217.0 | 215.0 | 213.7 | 213.7 |
| 72.5° | 197.6 | 193.2 | 188.4 | 186.7 | 186.3 | 185.0 | 184.5 |
| 75° | 150.5 | 146.0 | 146.6 | 143.4 | 140.7 | 137.5 | 135.5 |
| 77.5° | 106.7 | 103.5 | 102.8 | 102.5 | 100.2 | 99.8 | 100.9 |
| 80° | 82.8 | 79.5 | 78.8 | 79.5 | 78.8 | 76.9 | 76.9 |
| 82.5° | 63.0 | 60.2 | 59.6 | 59.2 | 58.5 | 59.2 | 58.2 |
| 85° | 33.8 | 32.6 | 32.6 | 32.6 | 33.8 | 33.3 | 32.6 |
| 87.5° | 14.8 | 14.4 | 15.0 | 14.5 | 14.6 | 14.1 | 14.7 |
| 90° | 13.9 | 14.7 | 15.2 | 15.5 | 15.6 | 15.9 | 16.1 |
| 92.5° | 22.6 | 23.0 | 23.3 | 23.5 | 23.6 | 23.8 | 23.8 |
| 95° | 41.9 | 42.3 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| 97.5° | 65.9 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| 100° | 82.9 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 102.5° | 101.3 | 101.6 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 |
| 105° | 129.0 | 129.4 | 129.7 | 130.1 | 130.4 | 130.8 | 131.2 |
| 107.5° | 158.9 | 159.3 | 159.5 | 159.4 | 159.4 | 159.4 | 159.4 |
| 110° | 178.3 | 178.0 | 178.1 | 178.5 | 178.8 | 179.2 | 179.6 |



TEST NUMBER: P332962-830

CATALOG NUMBER: S124RDIP-S1020D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 199.9 | 199.9 | 199.9 | 200.0 | 200.0 | 200.1 | 200.2 |
| 115° | 233.0 | 232.8 | 232.7 | 232.6 | 232.4 | 232.3 | 232.2 |
| 117.5° | 264.5 | 264.0 | 263.7 | 263.4 | 263.3 | 263.0 | 262.8 |
| 120° | 285.8 | 285.2 | 285.0 | 285.3 | 285.5 | 285.8 | 286.0 |
| 122.5° | 307.9 | 307.5 | 307.1 | 306.6 | 306.2 | 305.8 | 305.4 |
| 125° | 340.1 | 339.9 | 339.6 | 339.4 | 339.1 | 338.9 | 338.7 |
| 127.5° | 370.8 | 370.5 | 370.3 | 370.1 | 369.9 | 369.8 | 369.6 |
| 130° | 392.3 | 392.0 | 391.6 | 391.2 | 390.7 | 390.2 | 389.7 |
| 132.5° | 412.5 | 412.3 | 412.0 | 411.8 | 411.6 | 411.4 | 411.2 |
| 135° | 442.8 | 442.5 | 442.2 | 441.9 | 441.5 | 441.2 | 440.8 |
| 137.5° | 472.0 | 471.7 | 471.6 | 471.6 | 471.7 | 471.8 | 471.9 |
| 140° | 491.5 | 491.4 | 491.3 | 491.2 | 491.1 | 491.0 | 490.8 |
| 142.5° | 509.9 | 509.8 | 509.8 | 509.8 | 509.8 | 509.7 | 509.7 |
| 145° | 537.2 | 537.1 | 536.9 | 536.5 | 536.1 | 535.7 | 535.5 |
| 147.5° | 562.1 | 562.0 | 561.9 | 561.8 | 561.7 | 561.6 | 561.5 |
| 150° | 577.9 | 577.9 | 577.9 | 577.7 | 577.6 | 577.5 | 577.4 |
| 152.5° | 593.0 | 593.2 | 593.2 | 593.0 | 592.6 | 592.3 | 592.0 |
| 155° | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 | 612.7 | 612.3 |
| 157.5° | 631.8 | 632.2 | 632.1 | 631.7 | 631.3 | 630.8 | 630.5 |
| 160° | 642.9 | 643.3 | 643.2 | 642.6 | 642.0 | 641.4 | 640.8 |
| 162.5° | 653.3 | 653.9 | 653.9 | 653.4 | 652.7 | 652.1 | 651.6 |
| 165° | 666.6 | 667.3 | 667.4 | 666.9 | 666.5 | 666.0 | 665.5 |
| 167.5° | 677.8 | 678.5 | 678.4 | 677.8 | 677.0 | 676.3 | 675.5 |
| 170° | 683.8 | 684.5 | 684.5 | 683.6 | 682.8 | 681.9 | 681.1 |
| 172.5° | 688.4 | 689.2 | 689.2 | 688.3 | 687.5 | 686.6 | 685.9 |
| 175° | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 | 691.6 | 690.8 |
| 177.5° | 695.8 | 696.4 | 696.4 | 695.7 | 694.9 | 694.1 | 693.3 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |

(END OF REPORT)