

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: P333004-830

Luminaire Tested: **S124RDIP-S1195D1035U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333004-830  
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-S1195D1035U830-4F0-1E-UDD-A1  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1035 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

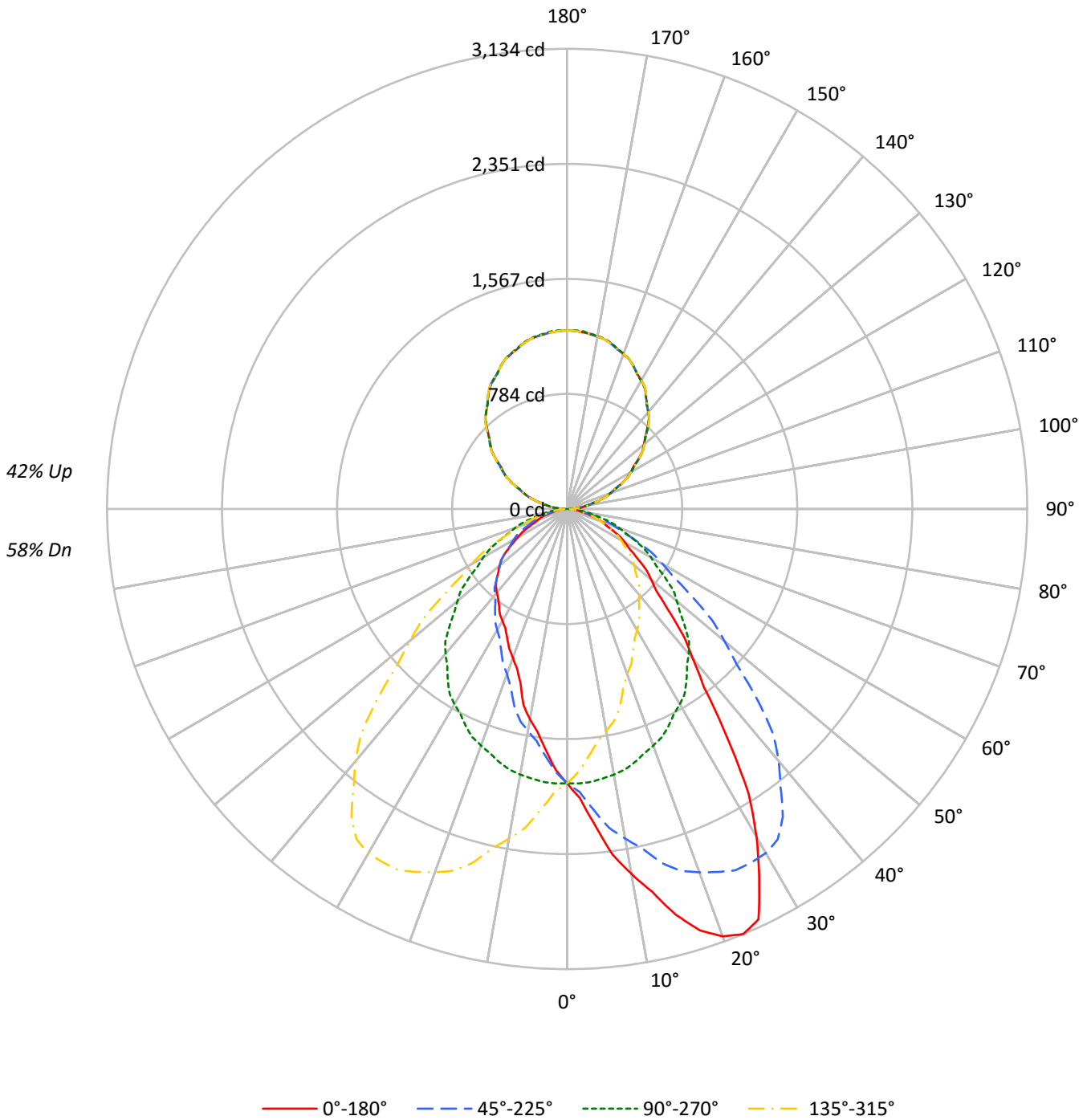
Lumens per Lamp: N/A  
Luminaire Lumens: 8099.9 lumens  
Efficiency: N/A  
Efficacy: 121.3 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 66.8  
Input Voltage (V): 120  
Input Current (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: P333004-830

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### Luminous Intensity Polar Plot





TEST NUMBER: P333004-830

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 64 | 64 | 64 | 58 |
| 1   | 100 | 96  | 92  | 89  | 93  | 90  | 87  | 84  | 78 | 76 | 73 | 67 | 65 | 64 | 57 | 56 | 55 | 50 |
| 2   | 92  | 84  | 79  | 74  | 85  | 79  | 74  | 69  | 69 | 65 | 62 | 60 | 57 | 54 | 51 | 49 | 47 | 43 |
| 3   | 84  | 75  | 68  | 62  | 78  | 70  | 64  | 59  | 61 | 56 | 52 | 53 | 50 | 46 | 46 | 43 | 41 | 37 |
| 4   | 77  | 66  | 59  | 53  | 72  | 62  | 56  | 50  | 55 | 49 | 45 | 48 | 44 | 40 | 41 | 38 | 35 | 32 |
| 5   | 71  | 59  | 51  | 46  | 66  | 56  | 49  | 43  | 49 | 44 | 39 | 43 | 39 | 35 | 37 | 34 | 31 | 28 |
| 6   | 66  | 54  | 46  | 40  | 61  | 50  | 43  | 38  | 45 | 39 | 35 | 39 | 35 | 31 | 34 | 30 | 28 | 25 |
| 7   | 61  | 49  | 41  | 35  | 57  | 46  | 39  | 34  | 41 | 35 | 31 | 36 | 31 | 28 | 31 | 27 | 25 | 22 |
| 8   | 56  | 44  | 37  | 31  | 53  | 42  | 35  | 30  | 37 | 31 | 27 | 33 | 28 | 25 | 29 | 25 | 22 | 20 |
| 9   | 53  | 40  | 33  | 28  | 49  | 38  | 31  | 27  | 34 | 29 | 25 | 30 | 26 | 22 | 26 | 23 | 20 | 18 |
| 10  | 49  | 37  | 30  | 25  | 46  | 35  | 29  | 24  | 31 | 26 | 22 | 28 | 23 | 20 | 25 | 21 | 18 | 16 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15079 | 15079 | 15079 | 15079 |
| 5°  | 17490 | 15124 | 13367 | 15124 |
| 10° | 20690 | 15058 | 11931 | 15058 |
| 15° | 23901 | 14919 | 10252 | 14919 |
| 20° | 26611 | 14728 | 9271  | 14728 |
| 25° | 27470 | 14539 | 8607  | 14539 |
| 30° | 24047 | 14311 | 8207  | 14311 |
| 35° | 18719 | 13973 | 7965  | 13973 |
| 40° | 14037 | 13585 | 7835  | 13585 |
| 45° | 11082 | 12965 | 7767  | 12965 |
| 50° | 9357  | 12248 | 7542  | 12248 |
| 55° | 8156  | 11461 | 7139  | 11461 |
| 60° | 7338  | 10643 | 6318  | 10643 |
| 65° | 6470  | 9761  | 5435  | 9761  |
| 70° | 5828  | 8847  | 4902  | 8847  |
| 75° | 4885  | 7842  | 4177  | 7842  |
| 80° | 4128  | 6681  | 3919  | 6681  |
| 85° | 3483  | 5233  | 3483  | 5233  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 181.0  | 2.2       |
| 10°-20°   | 545.9  | 6.7       |
| 20°-30°   | 853.8  | 10.5      |
| 30°-40°   | 949.2  | 11.7      |
| 40°-50°   | 842.2  | 10.4      |
| 50°-60°   | 656.2  | 8.1       |
| 60°-70°   | 429.6  | 5.3       |
| 70°-80°   | 211.3  | 2.6       |
| 80°-90°   | 55.8   | 0.7       |
| 90°-100°  | 80.2   | 1.0       |
| 100°-110° | 237.7  | 2.9       |
| 110°-120° | 403.4  | 5.0       |
| 120°-130° | 531.9  | 6.6       |
| 130°-140° | 597.4  | 7.4       |
| 140°-150° | 587.0  | 7.2       |
| 150°-160° | 493.7  | 6.1       |
| 160°-170° | 328.5  | 4.1       |
| 170°-180° | 115.0  | 1.4       |
| 0°-30°    | 1580.7 | 19.5      |
| 0°-40°    | 2529.9 | 31.2      |
| 0°-60°    | 4028.3 | 49.7      |
| 0°-90°    | 4725.0 | 58.3      |
| 90°-120°  | 721.3  | 8.9       |
| 90°-150°  | 2437.7 | 30.1      |
| 90°-180°  | 3375.0 | 41.7      |
| 0°-180°   | 8099.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1868 | 1868 | 1868 | 1868 | 1868 |      |
| 5°   | 2158 | 1866 | 1650 | 1866 | 2158 | 218  |
| 15°  | 2860 | 1785 | 1227 | 1785 | 2860 | 813  |
| 25°  | 3084 | 1632 | 966  | 1632 | 3084 | 1368 |
| 35°  | 1899 | 1418 | 808  | 1418 | 1899 | 1191 |
| 45°  | 971  | 1136 | 680  | 1136 | 971  | 769  |
| 55°  | 580  | 814  | 507  | 814  | 580  | 527  |
| 65°  | 339  | 511  | 284  | 511  | 339  | 341  |
| 75°  | 157  | 251  | 134  | 251  | 157  | 172  |
| 85°  | 38   | 56   | 38   | 56   | 38   | 43   |
| 90°  | 28   | 3    | 28   | 3    | 28   | 16   |
| 95°  | 74   | 56   | 74   | 56   | 74   | 77   |
| 105° | 230  | 219  | 230  | 219  | 230  | 242  |
| 115° | 406  | 410  | 406  | 410  | 406  | 402  |
| 125° | 593  | 597  | 593  | 597  | 593  | 529  |
| 135° | 772  | 770  | 772  | 770  | 772  | 596  |
| 145° | 937  | 936  | 937  | 936  | 937  | 586  |
| 155° | 1072 | 1072 | 1072 | 1072 | 1072 | 493  |
| 165° | 1165 | 1168 | 1165 | 1168 | 1165 | 328  |
| 175° | 1209 | 1215 | 1209 | 1215 | 1209 | 115  |
| 180° | 1216 | 1216 | 1216 | 1216 | 1216 |      |



TEST NUMBER: P333004-830

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5°   | 1970.1 | 1975.6 | 1970.1 | 1969.5 | 1963.5 | 1961.7 | 1959.3 | 1951.4 | 1937.0 | 1928.6 | 1930.4 |
| 5°     | 2158.2 | 2177.1 | 2166.5 | 2165.0 | 2148.5 | 2131.9 | 2121.4 | 2097.3 | 2071.7 | 2054.5 | 2040.1 |
| 7.5°   | 2375.9 | 2386.7 | 2380.1 | 2369.6 | 2342.8 | 2327.6 | 2303.2 | 2271.4 | 2225.5 | 2190.5 | 2158.4 |
| 10°    | 2524.0 | 2533.0 | 2530.1 | 2510.5 | 2490.9 | 2451.0 | 2428.5 | 2384.1 | 2326.1 | 2280.2 | 2237.3 |
| 12.5°  | 2669.7 | 2679.4 | 2652.9 | 2653.7 | 2616.7 | 2585.3 | 2549.5 | 2493.6 | 2426.7 | 2367.5 | 2313.8 |
| 15°    | 2859.7 | 2847.6 | 2847.6 | 2832.5 | 2791.2 | 2747.5 | 2710.7 | 2651.9 | 2567.7 | 2496.9 | 2422.4 |
| 17.5°  | 3008.3 | 3012.6 | 3006.3 | 2970.9 | 2938.4 | 2893.2 | 2825.6 | 2757.1 | 2678.9 | 2583.9 | 2507.7 |
| 20°    | 3097.5 | 3097.5 | 3090.7 | 3066.6 | 3024.4 | 2976.3 | 2903.3 | 2828.8 | 2729.4 | 2633.8 | 2548.1 |
| 22.5°  | 3133.6 | 3135.9 | 3128.0 | 3108.1 | 3070.2 | 3023.2 | 2961.1 | 2885.4 | 2783.0 | 2675.4 | 2569.2 |
| 25°    | 3083.9 | 3098.2 | 3099.6 | 3094.5 | 3083.2 | 3054.5 | 3001.1 | 2923.6 | 2831.8 | 2715.2 | 2600.8 |
| 27.5°  | 2831.3 | 2849.4 | 2865.2 | 2891.2 | 2925.8 | 2943.9 | 2946.3 | 2906.9 | 2826.8 | 2714.5 | 2599.4 |
| 30°    | 2579.6 | 2594.7 | 2643.6 | 2707.6 | 2757.3 | 2802.5 | 2841.6 | 2852.1 | 2807.0 | 2706.1 | 2584.9 |
| 32.5°  | 2300.4 | 2320.8 | 2369.7 | 2438.5 | 2521.3 | 2597.7 | 2685.7 | 2730.5 | 2729.3 | 2668.8 | 2556.6 |
| 35°    | 1899.4 | 1914.5 | 1959.6 | 2031.8 | 2131.2 | 2244.9 | 2384.1 | 2492.4 | 2566.2 | 2560.9 | 2492.4 |
| 37.5°  | 1531.8 | 1548.9 | 1594.5 | 1654.4 | 1750.7 | 1891.4 | 2026.1 | 2175.4 | 2311.8 | 2388.4 | 2365.5 |
| 40°    | 1332.0 | 1332.8 | 1377.1 | 1438.9 | 1529.2 | 1651.8 | 1798.6 | 1964.1 | 2116.1 | 2240.3 | 2264.4 |
| 42.5°  | 1174.2 | 1174.4 | 1203.7 | 1270.3 | 1335.3 | 1450.8 | 1590.8 | 1755.2 | 1933.2 | 2076.5 | 2140.3 |
| 45°    | 970.7  | 977.5  | 1001.6 | 1041.5 | 1092.7 | 1190.5 | 1302.6 | 1455.4 | 1654.8 | 1824.9 | 1931.0 |
| 47.5°  | 822.1  | 832.0  | 847.3  | 879.9  | 920.7  | 985.8  | 1078.6 | 1215.8 | 1378.0 | 1565.1 | 1716.1 |
| 50°    | 745.0  | 746.5  | 766.1  | 784.1  | 819.5  | 871.5  | 952.7  | 1067.1 | 1216.1 | 1395.9 | 1563.8 |
| 52.5°  | 678.8  | 678.4  | 690.2  | 713.1  | 741.9  | 782.3  | 847.9  | 952.1  | 1084.2 | 1245.5 | 1418.7 |
| 55°    | 579.5  | 583.2  | 592.2  | 610.3  | 632.2  | 660.7  | 712.7  | 790.9  | 894.8  | 1032.5 | 1189.8 |
| 57.5°  | 503.9  | 505.9  | 512.9  | 520.6  | 540.6  | 561.4  | 600.4  | 654.7  | 742.3  | 855.1  | 1001.6 |
| 60°    | 454.5  | 455.2  | 457.5  | 468.8  | 484.7  | 504.2  | 530.6  | 576.5  | 650.2  | 753.3  | 869.2  |
| 62.5°  | 406.3  | 407.7  | 411.2  | 419.4  | 431.7  | 445.2  | 472.8  | 509.6  | 570.7  | 658.7  | 763.2  |
| 65°    | 338.7  | 339.4  | 344.7  | 347.7  | 357.4  | 369.5  | 389.8  | 414.6  | 456.8  | 530.6  | 609.5  |
| 67.5°  | 283.0  | 283.0  | 283.2  | 287.3  | 294.1  | 302.1  | 314.2  | 334.1  | 365.9  | 411.2  | 480.9  |
| 70°    | 246.9  | 246.9  | 248.4  | 250.6  | 254.4  | 261.1  | 267.9  | 283.0  | 306.3  | 343.2  | 396.6  |
| 72.5°  | 213.1  | 213.7  | 215.2  | 215.7  | 217.6  | 223.2  | 228.2  | 237.8  | 255.1  | 283.0  | 326.1  |
| 75°    | 156.6  | 158.8  | 162.6  | 165.6  | 169.3  | 168.5  | 173.8  | 179.8  | 185.1  | 201.7  | 226.5  |
| 77.5°  | 116.5  | 115.3  | 115.7  | 118.3  | 118.8  | 119.5  | 123.3  | 127.9  | 131.9  | 139.7  | 148.5  |
| 80°    | 88.8   | 88.8   | 91.0   | 91.8   | 91.0   | 91.8   | 95.6   | 97.8   | 99.3   | 102.4  | 110.7  |
| 82.5°  | 67.1   | 68.3   | 67.6   | 68.3   | 68.8   | 69.6   | 72.7   | 73.1   | 74.6   | 75.9   | 79.4   |
| 85°    | 37.6   | 38.4   | 39.1   | 37.6   | 37.6   | 37.6   | 39.1   | 39.9   | 41.4   | 40.6   | 42.1   |
| 87.5°  | 18.9   | 18.2   | 18.8   | 18.7   | 19.1   | 18.4   | 18.8   | 19.7   | 18.2   | 18.6   | 18.3   |
| 90°    | 28.2   | 27.8   | 27.4   | 27.0   | 26.6   | 25.7   | 24.5   | 23.2   | 22.0   | 20.7   | 19.0   |
| 92.5°  | 41.8   | 41.6   | 41.3   | 41.0   | 40.8   | 40.2   | 39.5   | 38.7   | 38.0   | 37.2   | 36.1   |
| 95°    | 74.4   | 74.4   | 74.4   | 74.4   | 74.4   | 74.0   | 73.4   | 72.8   | 72.1   | 71.5   | 70.0   |
| 97.5°  | 116.5  | 116.5  | 116.5  | 116.5  | 116.5  | 116.1  | 115.4  | 114.6  | 113.9  | 113.1  | 111.4  |
| 100°   | 145.8  | 145.8  | 145.8  | 145.8  | 145.8  | 145.6  | 145.2  | 144.8  | 144.4  | 143.9  | 142.0  |
| 102.5° | 178.9  | 178.8  | 178.6  | 178.4  | 178.2  | 177.9  | 177.3  | 176.7  | 176.2  | 175.6  | 173.8  |
| 105°   | 229.5  | 228.9  | 228.3  | 227.6  | 227.1  | 226.4  | 225.8  | 225.2  | 224.5  | 223.9  | 223.1  |
| 107.5° | 278.8  | 278.9  | 278.9  | 279.0  | 279.0  | 278.7  | 278.1  | 277.6  | 277.0  | 276.4  | 276.3  |
| 110°   | 314.2  | 313.6  | 312.9  | 312.4  | 311.7  | 311.6  | 312.0  | 312.5  | 312.8  | 313.3  | 313.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 350.3  | 350.2  | 350.1  | 350.0  | 349.9  | 349.9  | 349.9  | 350.0  | 350.1  | 350.2  | 350.5  |
| 115°   | 406.4  | 406.6  | 406.8  | 407.1  | 407.3  | 407.5  | 407.6  | 407.8  | 408.1  | 408.3  | 408.7  |
| 117.5° | 459.9  | 460.2  | 460.7  | 461.1  | 461.6  | 462.1  | 462.8  | 463.5  | 464.2  | 465.0  | 465.2  |
| 120°   | 500.5  | 500.1  | 499.6  | 499.3  | 498.8  | 499.2  | 500.2  | 501.2  | 502.3  | 503.3  | 504.0  |
| 122.5° | 534.3  | 535.1  | 535.8  | 536.6  | 537.3  | 538.1  | 538.9  | 539.5  | 540.3  | 540.9  | 541.2  |
| 125°   | 592.7  | 593.1  | 593.5  | 594.0  | 594.4  | 594.7  | 595.2  | 595.6  | 596.1  | 596.4  | 596.6  |
| 127.5° | 646.7  | 647.1  | 647.3  | 647.7  | 648.0  | 648.4  | 648.8  | 649.2  | 649.7  | 650.1  | 650.4  |
| 130°   | 682.0  | 682.9  | 683.7  | 684.6  | 685.4  | 686.1  | 686.5  | 686.9  | 687.3  | 687.7  | 687.7  |
| 132.5° | 719.7  | 720.0  | 720.4  | 720.7  | 721.0  | 721.4  | 721.8  | 722.3  | 722.6  | 723.1  | 723.2  |
| 135°   | 771.5  | 772.0  | 772.7  | 773.4  | 773.9  | 774.5  | 774.9  | 775.3  | 775.7  | 776.2  | 776.2  |
| 137.5° | 825.9  | 825.7  | 825.6  | 825.5  | 825.3  | 825.6  | 826.0  | 826.6  | 827.2  | 827.7  | 827.4  |
| 140°   | 858.9  | 859.1  | 859.3  | 859.6  | 859.8  | 860.0  | 860.2  | 860.4  | 860.6  | 860.8  | 860.8  |
| 142.5° | 892.0  | 892.1  | 892.1  | 892.2  | 892.2  | 892.3  | 892.3  | 892.3  | 892.4  | 892.4  | 892.6  |
| 145°   | 937.0  | 937.6  | 938.3  | 938.9  | 939.5  | 939.9  | 940.2  | 940.4  | 940.6  | 940.8  | 940.6  |
| 147.5° | 982.6  | 982.8  | 983.0  | 983.2  | 983.4  | 983.5  | 983.7  | 983.9  | 984.1  | 984.3  | 984.4  |
| 150°   | 1010.4 | 1010.6 | 1010.8 | 1011.1 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 |
| 152.5° | 1035.9 | 1036.5 | 1037.1 | 1037.6 | 1038.2 | 1038.2 | 1037.6 | 1037.2 | 1036.7 | 1036.1 | 1036.0 |
| 155°   | 1071.6 | 1072.4 | 1073.3 | 1074.0 | 1074.9 | 1074.9 | 1074.0 | 1073.3 | 1072.4 | 1071.6 | 1071.8 |
| 157.5° | 1103.3 | 1104.1 | 1104.8 | 1105.5 | 1106.2 | 1106.3 | 1105.6 | 1104.9 | 1104.4 | 1103.7 | 1103.8 |
| 160°   | 1121.4 | 1122.5 | 1123.5 | 1124.5 | 1125.6 | 1125.8 | 1125.2 | 1124.5 | 1123.9 | 1123.3 | 1123.5 |
| 162.5° | 1140.2 | 1141.3 | 1142.4 | 1143.4 | 1144.4 | 1144.3 | 1143.2 | 1142.1 | 1140.9 | 1139.8 | 1140.1 |
| 165°   | 1164.7 | 1165.5 | 1166.4 | 1167.2 | 1168.0 | 1167.8 | 1166.6 | 1165.4 | 1164.0 | 1162.8 | 1163.2 |
| 167.5° | 1182.2 | 1183.5 | 1184.8 | 1186.1 | 1187.4 | 1187.4 | 1186.2 | 1184.9 | 1183.6 | 1182.4 | 1182.3 |
| 170°   | 1191.9 | 1193.4 | 1194.9 | 1196.4 | 1197.8 | 1198.0 | 1196.7 | 1195.4 | 1194.2 | 1192.9 | 1192.7 |
| 172.5° | 1200.2 | 1201.7 | 1203.2 | 1204.7 | 1206.1 | 1206.2 | 1204.7 | 1203.2 | 1201.8 | 1200.4 | 1200.4 |
| 175°   | 1208.9 | 1210.4 | 1211.8 | 1213.3 | 1214.7 | 1214.7 | 1213.3 | 1211.8 | 1210.4 | 1208.9 | 1209.1 |
| 177.5° | 1213.4 | 1214.7 | 1216.1 | 1217.5 | 1218.8 | 1218.9 | 1217.7 | 1216.5 | 1215.3 | 1214.2 | 1214.2 |
| 180°   | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 |



TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5°   | 1924.4 | 1916.0 | 1911.8 | 1902.1 | 1890.6 | 1884.6 | 1879.2 | 1871.4 | 1861.1 | 1850.3 | 1842.5 |
| 5°     | 2022.0 | 2004.0 | 1981.4 | 1954.4 | 1930.2 | 1907.0 | 1886.6 | 1866.3 | 1843.0 | 1818.9 | 1794.8 |
| 7.5°   | 2122.3 | 2086.8 | 2048.4 | 2004.0 | 1960.8 | 1921.6 | 1885.4 | 1850.8 | 1811.7 | 1776.6 | 1744.6 |
| 10°    | 2192.2 | 2144.0 | 2090.6 | 2034.1 | 1977.6 | 1928.7 | 1880.6 | 1836.9 | 1788.8 | 1745.9 | 1709.8 |
| 12.5°  | 2248.7 | 2192.2 | 2127.9 | 2057.6 | 1989.7 | 1930.5 | 1875.2 | 1818.3 | 1763.5 | 1717.0 | 1668.9 |
| 15°    | 2342.6 | 2265.1 | 2178.6 | 2094.3 | 2006.3 | 1925.7 | 1851.2 | 1785.0 | 1722.6 | 1657.1 | 1611.2 |
| 17.5°  | 2407.3 | 2315.3 | 2210.1 | 2108.8 | 2004.8 | 1909.8 | 1823.8 | 1745.0 | 1672.9 | 1606.1 | 1551.4 |
| 20°    | 2445.7 | 2344.1 | 2227.5 | 2112.3 | 1995.7 | 1894.1 | 1801.6 | 1714.3 | 1639.7 | 1567.5 | 1511.1 |
| 22.5°  | 2467.4 | 2354.9 | 2227.5 | 2107.0 | 1986.1 | 1876.0 | 1774.4 | 1683.6 | 1602.4 | 1530.2 | 1467.7 |
| 25°    | 2474.4 | 2353.9 | 2223.7 | 2085.3 | 1952.9 | 1836.2 | 1730.8 | 1632.2 | 1541.9 | 1469.7 | 1403.4 |
| 27.5°  | 2464.7 | 2322.9 | 2189.6 | 2047.5 | 1910.8 | 1787.9 | 1677.3 | 1573.7 | 1483.3 | 1405.7 | 1337.8 |
| 30°    | 2450.2 | 2298.2 | 2155.2 | 2007.8 | 1869.3 | 1751.1 | 1634.5 | 1535.2 | 1441.1 | 1360.6 | 1292.1 |
| 32.5°  | 2418.9 | 2268.1 | 2114.3 | 1963.2 | 1823.0 | 1701.2 | 1590.5 | 1490.6 | 1398.4 | 1316.1 | 1243.3 |
| 35°    | 2356.9 | 2204.1 | 2037.1 | 1882.1 | 1744.4 | 1618.0 | 1514.1 | 1417.8 | 1329.7 | 1241.7 | 1164.9 |
| 37.5°  | 2275.2 | 2119.1 | 1952.9 | 1783.2 | 1645.3 | 1526.0 | 1430.7 | 1340.3 | 1254.3 | 1173.9 | 1088.9 |
| 40°    | 2198.2 | 2056.0 | 1884.3 | 1715.8 | 1574.3 | 1459.2 | 1371.1 | 1289.1 | 1202.6 | 1122.8 | 1037.7 |
| 42.5°  | 2104.9 | 1983.7 | 1810.3 | 1641.2 | 1501.5 | 1390.5 | 1308.5 | 1228.3 | 1149.6 | 1072.2 | 983.5  |
| 45°    | 1949.1 | 1857.3 | 1694.7 | 1532.2 | 1391.5 | 1281.6 | 1206.4 | 1135.6 | 1066.3 | 992.6  | 909.1  |
| 47.5°  | 1770.6 | 1708.4 | 1568.1 | 1401.7 | 1271.5 | 1172.6 | 1099.9 | 1042.1 | 983.5  | 909.8  | 836.5  |
| 50°    | 1646.5 | 1606.7 | 1471.2 | 1319.2 | 1195.0 | 1104.0 | 1029.4 | 975.2  | 926.3  | 855.6  | 790.1  |
| 52.5°  | 1514.1 | 1492.9 | 1378.5 | 1233.1 | 1113.1 | 1023.9 | 960.3  | 911.4  | 862.0  | 803.2  | 742.0  |
| 55°    | 1312.4 | 1323.7 | 1226.6 | 1101.0 | 988.1  | 912.9  | 854.9  | 814.3  | 772.1  | 722.5  | 675.0  |
| 57.5°  | 1106.3 | 1147.5 | 1082.3 | 971.9  | 866.2  | 796.6  | 753.0  | 718.8  | 683.4  | 642.2  | 601.7  |
| 60°    | 982.8  | 1017.4 | 980.5  | 883.4  | 790.9  | 726.2  | 685.6  | 659.2  | 623.9  | 586.3  | 555.3  |
| 62.5°  | 862.4  | 899.5  | 877.6  | 799.2  | 713.2  | 657.6  | 621.7  | 597.2  | 570.9  | 538.1  | 506.1  |
| 65°    | 711.1  | 735.2  | 724.7  | 670.5  | 609.5  | 562.1  | 529.0  | 511.0  | 486.9  | 462.8  | 434.2  |
| 67.5°  | 544.7  | 591.2  | 585.0  | 556.3  | 503.6  | 466.6  | 444.9  | 429.0  | 407.0  | 389.1  | 369.7  |
| 70°    | 447.8  | 490.7  | 489.9  | 466.6  | 438.0  | 403.3  | 388.3  | 374.8  | 355.2  | 337.9  | 322.1  |
| 72.5°  | 366.5  | 405.8  | 411.6  | 393.7  | 374.2  | 348.0  | 333.6  | 324.2  | 305.2  | 293.3  | 280.5  |
| 75°    | 256.7  | 285.2  | 292.8  | 292.8  | 283.7  | 270.1  | 257.4  | 251.4  | 237.8  | 227.2  | 219.7  |
| 77.5°  | 168.2  | 186.3  | 198.0  | 200.8  | 202.2  | 197.7  | 187.1  | 182.9  | 172.5  | 168.7  | 161.5  |
| 80°    | 118.9  | 130.9  | 144.5  | 149.0  | 152.8  | 151.3  | 146.8  | 143.7  | 133.9  | 130.2  | 127.1  |
| 82.5°  | 82.2   | 88.8   | 99.9   | 109.9  | 108.8  | 112.7  | 108.8  | 106.4  | 99.1   | 97.6   | 94.6   |
| 85°    | 42.9   | 43.6   | 45.1   | 51.9   | 55.7   | 57.2   | 58.0   | 56.5   | 54.2   | 54.2   | 48.9   |
| 87.5°  | 17.9   | 17.0   | 17.8   | 17.4   | 17.6   | 19.5   | 20.9   | 21.0   | 19.7   | 18.4   | 17.0   |
| 90°    | 17.3   | 15.6   | 14.0   | 12.1   | 9.7    | 7.4    | 5.1    | 2.8    | 5.1    | 7.4    | 9.7    |
| 92.5°  | 34.9   | 33.7   | 32.6   | 30.6   | 28.0   | 25.4   | 22.8   | 20.2   | 22.8   | 25.4   | 28.0   |
| 95°    | 68.6   | 67.1   | 65.6   | 64.0   | 62.1   | 60.2   | 58.3   | 56.5   | 58.3   | 60.2   | 62.1   |
| 97.5°  | 109.6  | 107.9  | 106.2  | 104.6  | 103.1  | 101.6  | 100.1  | 98.6   | 100.1  | 101.6  | 103.1  |
| 100°   | 140.2  | 138.3  | 136.4  | 135.1  | 134.2  | 133.4  | 132.5  | 131.7  | 132.5  | 133.4  | 134.2  |
| 102.5° | 172.1  | 170.4  | 168.7  | 167.7  | 167.3  | 167.0  | 166.6  | 166.4  | 166.6  | 167.0  | 167.3  |
| 105°   | 222.3  | 221.4  | 220.6  | 220.1  | 219.8  | 219.6  | 219.4  | 219.2  | 219.4  | 219.6  | 219.8  |
| 107.5° | 276.2  | 276.1  | 275.9  | 275.7  | 275.5  | 275.2  | 274.9  | 274.8  | 274.9  | 275.2  | 275.5  |
| 110°   | 313.7  | 313.9  | 314.1  | 314.1  | 313.6  | 313.2  | 312.7  | 312.4  | 312.7  | 313.2  | 313.6  |





TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 350.9  | 351.3  | 351.7  | 351.9  | 351.8  | 351.7  | 351.6  | 351.5  | 351.6  | 351.7  | 351.8  |
| 115°   | 409.2  | 409.5  | 410.0  | 410.2  | 410.2  | 410.2  | 410.2  | 410.2  | 410.2  | 410.2  | 410.2  |
| 117.5° | 465.5  | 465.8  | 466.1  | 466.2  | 466.0  | 465.8  | 465.7  | 465.5  | 465.7  | 465.8  | 466.0  |
| 120°   | 504.5  | 505.2  | 505.9  | 505.8  | 504.9  | 504.1  | 503.2  | 502.4  | 503.2  | 504.1  | 504.9  |
| 122.5° | 541.5  | 541.9  | 542.2  | 542.1  | 541.8  | 541.4  | 541.1  | 540.7  | 541.1  | 541.4  | 541.8  |
| 125°   | 596.9  | 597.1  | 597.3  | 597.4  | 597.4  | 597.4  | 597.4  | 597.4  | 597.4  | 597.4  | 597.4  |
| 127.5° | 650.7  | 651.1  | 651.4  | 651.3  | 650.6  | 650.0  | 649.4  | 648.8  | 649.4  | 650.0  | 650.6  |
| 130°   | 687.7  | 687.7  | 687.7  | 687.4  | 686.7  | 686.2  | 685.5  | 684.9  | 685.5  | 686.2  | 686.7  |
| 132.5° | 723.4  | 723.6  | 723.8  | 723.6  | 723.1  | 722.6  | 722.3  | 721.8  | 722.3  | 722.6  | 723.1  |
| 135°   | 776.2  | 776.2  | 776.2  | 775.5  | 774.3  | 773.0  | 771.8  | 770.5  | 771.8  | 773.0  | 774.3  |
| 137.5° | 827.1  | 826.7  | 826.3  | 826.0  | 825.3  | 824.7  | 824.2  | 823.6  | 824.2  | 824.7  | 825.3  |
| 140°   | 860.8  | 860.8  | 860.8  | 860.6  | 860.2  | 859.8  | 859.3  | 858.9  | 859.3  | 859.8  | 860.2  |
| 142.5° | 892.8  | 893.0  | 893.1  | 893.0  | 892.6  | 892.1  | 891.7  | 891.3  | 891.7  | 892.1  | 892.6  |
| 145°   | 940.4  | 940.2  | 939.9  | 939.4  | 938.6  | 937.7  | 936.9  | 936.0  | 936.9  | 937.7  | 938.6  |
| 147.5° | 984.6  | 984.8  | 985.0  | 984.5  | 983.5  | 982.5  | 981.5  | 980.5  | 981.5  | 982.5  | 983.5  |
| 150°   | 1011.3 | 1011.3 | 1011.3 | 1011.0 | 1010.1 | 1009.3 | 1008.4 | 1007.6 | 1008.4 | 1009.3 | 1010.1 |
| 152.5° | 1035.9 | 1035.7 | 1035.5 | 1035.2 | 1034.7 | 1034.2 | 1033.7 | 1033.2 | 1033.7 | 1034.2 | 1034.7 |
| 155°   | 1072.0 | 1072.1 | 1072.4 | 1072.5 | 1072.5 | 1072.5 | 1072.5 | 1072.5 | 1072.5 | 1072.5 | 1072.5 |
| 157.5° | 1103.8 | 1103.8 | 1103.9 | 1104.1 | 1104.5 | 1104.8 | 1105.2 | 1105.6 | 1105.2 | 1104.8 | 1104.5 |
| 160°   | 1123.7 | 1123.9 | 1124.2 | 1124.4 | 1124.5 | 1124.7 | 1124.9 | 1125.2 | 1124.9 | 1124.7 | 1124.5 |
| 162.5° | 1140.3 | 1140.5 | 1140.7 | 1141.0 | 1141.6 | 1142.2 | 1142.7 | 1143.2 | 1142.7 | 1142.2 | 1141.6 |
| 165°   | 1163.7 | 1164.0 | 1164.5 | 1165.0 | 1165.6 | 1166.3 | 1166.9 | 1167.5 | 1166.9 | 1166.3 | 1165.6 |
| 167.5° | 1182.3 | 1182.2 | 1182.2 | 1182.6 | 1183.6 | 1184.4 | 1185.2 | 1186.2 | 1185.2 | 1184.4 | 1183.6 |
| 170°   | 1192.5 | 1192.3 | 1192.0 | 1192.5 | 1193.5 | 1194.6 | 1195.6 | 1196.7 | 1195.6 | 1194.6 | 1193.5 |
| 172.5° | 1200.3 | 1200.3 | 1200.2 | 1200.7 | 1201.6 | 1202.5 | 1203.3 | 1204.2 | 1203.3 | 1202.5 | 1201.6 |
| 175°   | 1209.3 | 1209.6 | 1209.8 | 1210.4 | 1211.4 | 1212.5 | 1213.5 | 1214.6 | 1213.5 | 1212.5 | 1211.4 |
| 177.5° | 1214.2 | 1214.2 | 1214.2 | 1214.6 | 1215.4 | 1216.3 | 1217.1 | 1218.0 | 1217.1 | 1216.3 | 1215.4 |
| 180°   | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 |



TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5°   | 1834.1 | 1828.1 | 1820.2 | 1811.2 | 1800.4 | 1790.7 | 1786.5 | 1790.2 | 1792.0 | 1787.2 | 1786.5 |
| 5°     | 1778.2 | 1759.4 | 1744.4 | 1721.8 | 1703.7 | 1688.7 | 1678.2 | 1673.7 | 1675.2 | 1663.1 | 1660.1 |
| 7.5°   | 1715.5 | 1693.2 | 1668.5 | 1641.7 | 1616.7 | 1594.6 | 1583.0 | 1576.7 | 1564.0 | 1558.5 | 1549.4 |
| 10°    | 1675.2 | 1645.0 | 1621.0 | 1589.3 | 1560.8 | 1534.5 | 1521.6 | 1511.1 | 1498.3 | 1492.2 | 1479.5 |
| 12.5°  | 1633.6 | 1598.6 | 1572.2 | 1539.4 | 1510.1 | 1478.5 | 1466.2 | 1446.7 | 1426.6 | 1414.0 | 1397.6 |
| 15°    | 1575.1 | 1533.0 | 1500.5 | 1461.4 | 1426.8 | 1390.7 | 1358.3 | 1322.2 | 1308.6 | 1280.1 | 1263.5 |
| 17.5°  | 1506.6 | 1463.9 | 1423.8 | 1371.3 | 1317.9 | 1273.0 | 1238.5 | 1203.9 | 1183.2 | 1164.9 | 1156.5 |
| 20°    | 1461.4 | 1422.3 | 1366.6 | 1305.6 | 1246.2 | 1196.6 | 1168.7 | 1146.1 | 1123.5 | 1110.8 | 1101.7 |
| 22.5°  | 1418.7 | 1368.7 | 1304.0 | 1238.2 | 1178.7 | 1139.9 | 1116.3 | 1093.2 | 1074.8 | 1062.6 | 1050.6 |
| 25°    | 1347.1 | 1281.6 | 1213.1 | 1137.8 | 1097.2 | 1063.4 | 1037.7 | 1018.9 | 1007.7 | 991.8  | 985.8  |
| 27.5°  | 1273.5 | 1194.1 | 1118.6 | 1068.0 | 1025.7 | 994.7  | 972.4  | 958.3  | 944.0  | 933.9  | 926.0  |
| 30°    | 1216.8 | 1136.3 | 1068.6 | 1020.4 | 977.5  | 952.0  | 933.9  | 917.4  | 906.1  | 897.8  | 891.7  |
| 32.5°  | 1160.8 | 1080.3 | 1023.4 | 971.7  | 937.8  | 912.9  | 893.5  | 881.2  | 872.3  | 861.7  | 858.0  |
| 35°    | 1079.9 | 1008.4 | 958.8  | 912.1  | 877.4  | 854.9  | 839.8  | 827.1  | 819.5  | 816.5  | 814.3  |
| 37.5°  | 1002.1 | 943.5  | 890.1  | 851.9  | 821.0  | 803.2  | 785.5  | 779.2  | 774.0  | 768.6  | 771.1  |
| 40°    | 952.7  | 897.8  | 850.4  | 809.7  | 784.9  | 765.3  | 754.8  | 747.2  | 742.7  | 742.7  | 742.7  |
| 42.5°  | 909.9  | 856.2  | 810.0  | 773.6  | 748.8  | 732.3  | 720.5  | 714.2  | 712.7  | 712.1  | 715.7  |
| 45°    | 843.6  | 793.9  | 747.2  | 717.2  | 696.1  | 679.6  | 672.8  | 667.5  | 667.5  | 670.5  | 671.3  |
| 47.5°  | 777.8  | 731.3  | 693.8  | 660.2  | 640.8  | 630.5  | 624.6  | 621.9  | 622.2  | 625.2  | 628.7  |
| 50°    | 737.4  | 691.5  | 654.7  | 624.6  | 606.5  | 596.7  | 591.4  | 590.0  | 591.4  | 591.4  | 596.7  |
| 52.5°  | 693.5  | 652.4  | 616.1  | 590.9  | 570.4  | 561.3  | 558.4  | 556.3  | 557.1  | 559.6  | 561.8  |
| 55°    | 629.1  | 592.2  | 557.6  | 533.6  | 518.5  | 512.5  | 505.7  | 506.4  | 504.9  | 506.4  | 506.4  |
| 57.5°  | 564.6  | 531.4  | 499.3  | 480.1  | 466.8  | 458.2  | 450.7  | 452.9  | 450.6  | 450.3  | 449.1  |
| 60°    | 523.0  | 486.9  | 461.3  | 444.0  | 429.0  | 421.4  | 414.6  | 416.1  | 413.9  | 412.4  | 409.3  |
| 62.5°  | 477.9  | 447.8  | 423.4  | 406.7  | 394.6  | 385.9  | 379.1  | 377.6  | 372.4  | 367.2  | 360.6  |
| 65°    | 412.4  | 387.6  | 365.7  | 350.0  | 338.7  | 331.9  | 326.6  | 322.1  | 310.8  | 298.8  | 292.8  |
| 67.5°  | 348.7  | 330.8  | 310.5  | 297.1  | 287.9  | 279.1  | 269.0  | 261.3  | 250.7  | 244.1  | 240.3  |
| 70°    | 307.7  | 290.5  | 273.1  | 260.3  | 250.6  | 242.3  | 231.0  | 225.7  | 218.2  | 215.2  | 211.5  |
| 72.5°  | 268.6  | 252.5  | 236.5  | 224.9  | 214.4  | 208.0  | 199.2  | 193.9  | 190.6  | 189.4  | 185.6  |
| 75°    | 209.2  | 196.4  | 184.4  | 173.8  | 165.6  | 161.1  | 157.3  | 153.5  | 152.0  | 145.2  | 141.5  |
| 77.5°  | 152.6  | 144.2  | 136.7  | 129.1  | 123.3  | 120.3  | 113.0  | 108.7  | 106.1  | 102.9  | 102.2  |
| 80°    | 118.9  | 112.9  | 105.4  | 100.9  | 92.6   | 89.5   | 86.5   | 85.8   | 85.0   | 84.3   | 83.5   |
| 82.5°  | 89.4   | 83.4   | 75.9   | 73.1   | 70.9   | 69.1   | 67.3   | 66.5   | 65.8   | 66.3   | 66.1   |
| 85°    | 45.1   | 42.1   | 42.1   | 41.4   | 40.6   | 39.9   | 39.1   | 39.1   | 38.4   | 39.1   | 38.4   |
| 87.5°  | 17.4   | 17.2   | 17.6   | 16.7   | 17.6   | 18.0   | 17.6   | 17.9   | 18.8   | 17.8   | 17.9   |
| 90°    | 12.1   | 14.0   | 15.6   | 17.3   | 19.0   | 20.7   | 22.0   | 23.2   | 24.5   | 25.7   | 26.6   |
| 92.5°  | 30.6   | 32.6   | 33.7   | 34.9   | 36.1   | 37.2   | 38.0   | 38.7   | 39.5   | 40.2   | 40.8   |
| 95°    | 64.0   | 65.6   | 67.1   | 68.6   | 70.0   | 71.5   | 72.1   | 72.8   | 73.4   | 74.0   | 74.4   |
| 97.5°  | 104.6  | 106.2  | 107.9  | 109.6  | 111.4  | 113.1  | 113.9  | 114.6  | 115.4  | 116.1  | 116.5  |
| 100°   | 135.1  | 136.4  | 138.3  | 140.2  | 142.0  | 143.9  | 144.4  | 144.8  | 145.2  | 145.6  | 145.8  |
| 102.5° | 167.7  | 168.7  | 170.4  | 172.1  | 173.8  | 175.6  | 176.2  | 176.7  | 177.3  | 177.9  | 178.2  |
| 105°   | 220.1  | 220.6  | 221.4  | 222.3  | 223.1  | 223.9  | 224.5  | 225.2  | 225.8  | 226.4  | 227.1  |
| 107.5° | 275.7  | 275.9  | 276.1  | 276.2  | 276.3  | 276.4  | 277.0  | 277.6  | 278.1  | 278.7  | 279.0  |
| 110°   | 314.1  | 314.1  | 313.9  | 313.7  | 313.5  | 313.3  | 312.8  | 312.5  | 312.0  | 311.6  | 311.7  |



TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 351.9  | 351.7  | 351.3  | 350.9  | 350.5  | 350.2  | 350.1  | 350.0  | 349.9  | 349.9  | 349.9  |
| 115°   | 410.2  | 410.0  | 409.5  | 409.2  | 408.7  | 408.3  | 408.1  | 407.8  | 407.6  | 407.5  | 407.3  |
| 117.5° | 466.2  | 466.1  | 465.8  | 465.5  | 465.2  | 465.0  | 464.2  | 463.5  | 462.8  | 462.1  | 461.6  |
| 120°   | 505.8  | 505.9  | 505.2  | 504.5  | 504.0  | 503.3  | 502.3  | 501.2  | 500.2  | 499.2  | 498.8  |
| 122.5° | 542.1  | 542.2  | 541.9  | 541.5  | 541.2  | 540.9  | 540.3  | 539.5  | 538.9  | 538.1  | 537.3  |
| 125°   | 597.4  | 597.3  | 597.1  | 596.9  | 596.6  | 596.4  | 596.1  | 595.6  | 595.2  | 594.7  | 594.4  |
| 127.5° | 651.3  | 651.4  | 651.1  | 650.7  | 650.4  | 650.1  | 649.7  | 649.2  | 648.8  | 648.4  | 648.0  |
| 130°   | 687.4  | 687.7  | 687.7  | 687.7  | 687.7  | 687.7  | 687.3  | 686.9  | 686.5  | 686.1  | 685.4  |
| 132.5° | 723.6  | 723.8  | 723.6  | 723.4  | 723.2  | 723.1  | 722.6  | 722.3  | 721.8  | 721.4  | 721.0  |
| 135°   | 775.5  | 776.2  | 776.2  | 776.2  | 776.2  | 776.2  | 775.7  | 775.3  | 774.9  | 774.5  | 773.9  |
| 137.5° | 826.0  | 826.3  | 826.7  | 827.1  | 827.4  | 827.7  | 827.2  | 826.6  | 826.0  | 825.6  | 825.3  |
| 140°   | 860.6  | 860.8  | 860.8  | 860.8  | 860.8  | 860.8  | 860.6  | 860.4  | 860.2  | 860.0  | 859.8  |
| 142.5° | 893.0  | 893.1  | 893.0  | 892.8  | 892.6  | 892.4  | 892.4  | 892.3  | 892.3  | 892.3  | 892.2  |
| 145°   | 939.4  | 939.9  | 940.2  | 940.4  | 940.6  | 940.8  | 940.6  | 940.4  | 940.2  | 939.9  | 939.5  |
| 147.5° | 984.5  | 985.0  | 984.8  | 984.6  | 984.4  | 984.3  | 984.1  | 983.9  | 983.7  | 983.5  | 983.4  |
| 150°   | 1011.0 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 |
| 152.5° | 1035.2 | 1035.5 | 1035.7 | 1035.9 | 1036.0 | 1036.1 | 1036.7 | 1037.2 | 1037.6 | 1038.2 | 1038.2 |
| 155°   | 1072.5 | 1072.4 | 1072.1 | 1072.0 | 1071.8 | 1071.6 | 1072.4 | 1073.3 | 1074.0 | 1074.9 | 1074.9 |
| 157.5° | 1104.1 | 1103.9 | 1103.8 | 1103.8 | 1103.8 | 1103.7 | 1104.4 | 1104.9 | 1105.6 | 1106.3 | 1106.2 |
| 160°   | 1124.4 | 1124.2 | 1123.9 | 1123.7 | 1123.5 | 1123.3 | 1123.9 | 1124.5 | 1125.2 | 1125.8 | 1125.6 |
| 162.5° | 1141.0 | 1140.7 | 1140.5 | 1140.3 | 1140.1 | 1139.8 | 1140.9 | 1142.1 | 1143.2 | 1144.3 | 1144.4 |
| 165°   | 1165.0 | 1164.5 | 1164.0 | 1163.7 | 1163.2 | 1162.8 | 1164.0 | 1165.4 | 1166.6 | 1167.8 | 1168.0 |
| 167.5° | 1182.6 | 1182.2 | 1182.2 | 1182.3 | 1182.3 | 1182.4 | 1183.6 | 1184.9 | 1186.2 | 1187.4 | 1187.4 |
| 170°   | 1192.5 | 1192.0 | 1192.3 | 1192.5 | 1192.7 | 1192.9 | 1194.2 | 1195.4 | 1196.7 | 1198.0 | 1197.8 |
| 172.5° | 1200.7 | 1200.2 | 1200.3 | 1200.3 | 1200.4 | 1200.4 | 1201.8 | 1203.2 | 1204.7 | 1206.2 | 1206.1 |
| 175°   | 1210.4 | 1209.8 | 1209.6 | 1209.3 | 1209.1 | 1208.9 | 1210.4 | 1211.8 | 1213.3 | 1214.7 | 1214.7 |
| 177.5° | 1214.6 | 1214.2 | 1214.2 | 1214.2 | 1214.2 | 1214.2 | 1215.3 | 1216.5 | 1217.7 | 1218.9 | 1218.8 |
| 180°   | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 |



TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5°   | 1782.9 | 1784.1 | 1779.9 | 1778.7 | 1779.9 | 1784.1 | 1782.9 | 1786.5 | 1787.2 | 1792.0 | 1790.2 |
| 5°     | 1654.1 | 1652.6 | 1648.8 | 1649.5 | 1648.8 | 1652.6 | 1654.1 | 1660.1 | 1663.1 | 1675.2 | 1673.7 |
| 7.5°   | 1543.9 | 1538.0 | 1539.6 | 1533.7 | 1539.6 | 1538.0 | 1543.9 | 1549.4 | 1558.5 | 1564.0 | 1576.7 |
| 10°    | 1476.5 | 1468.2 | 1461.4 | 1455.4 | 1461.4 | 1468.2 | 1476.5 | 1479.5 | 1492.2 | 1498.3 | 1511.1 |
| 12.5°  | 1384.4 | 1377.2 | 1368.1 | 1369.9 | 1368.1 | 1377.2 | 1384.4 | 1397.6 | 1414.0 | 1426.6 | 1446.7 |
| 15°    | 1253.7 | 1242.5 | 1224.4 | 1226.6 | 1224.4 | 1242.5 | 1253.7 | 1263.5 | 1280.1 | 1308.6 | 1322.2 |
| 17.5°  | 1143.1 | 1143.2 | 1135.0 | 1136.9 | 1135.0 | 1143.2 | 1143.1 | 1156.5 | 1164.9 | 1183.2 | 1203.9 |
| 20°    | 1085.9 | 1080.6 | 1081.4 | 1079.1 | 1081.4 | 1080.6 | 1085.9 | 1101.7 | 1110.8 | 1123.5 | 1146.1 |
| 22.5°  | 1046.1 | 1039.7 | 1034.4 | 1029.7 | 1034.4 | 1039.7 | 1046.1 | 1050.6 | 1062.6 | 1074.8 | 1093.2 |
| 25°    | 979.0  | 974.5  | 967.8  | 966.3  | 967.8  | 974.5  | 979.0  | 985.8  | 991.8  | 1007.7 | 1018.9 |
| 27.5°  | 920.0  | 919.2  | 916.4  | 912.9  | 916.4  | 919.2  | 920.0  | 926.0  | 933.9  | 944.0  | 958.3  |
| 30°    | 885.7  | 884.2  | 882.7  | 880.4  | 882.7  | 884.2  | 885.7  | 891.7  | 897.8  | 906.1  | 917.4  |
| 32.5°  | 855.1  | 854.1  | 852.6  | 852.8  | 852.6  | 854.1  | 855.1  | 858.0  | 861.7  | 872.3  | 881.2  |
| 35°    | 811.2  | 810.5  | 809.0  | 808.2  | 809.0  | 810.5  | 811.2  | 814.3  | 816.5  | 819.5  | 827.1  |
| 37.5°  | 770.3  | 772.2  | 771.4  | 771.2  | 771.4  | 772.2  | 770.3  | 771.1  | 768.6  | 774.0  | 779.2  |
| 40°    | 742.0  | 742.7  | 744.2  | 743.5  | 744.2  | 742.7  | 742.0  | 742.7  | 742.7  | 742.7  | 747.2  |
| 42.5°  | 718.5  | 718.7  | 720.8  | 718.2  | 720.8  | 718.7  | 718.5  | 715.7  | 712.1  | 712.7  | 714.2  |
| 45°    | 676.6  | 681.1  | 680.3  | 680.3  | 680.3  | 681.1  | 676.6  | 671.3  | 670.5  | 667.5  | 667.5  |
| 47.5°  | 630.7  | 634.5  | 635.6  | 635.5  | 635.6  | 634.5  | 630.7  | 628.7  | 625.2  | 622.2  | 621.9  |
| 50°    | 600.5  | 599.0  | 601.2  | 600.5  | 601.2  | 599.0  | 600.5  | 596.7  | 591.4  | 591.4  | 590.0  |
| 52.5°  | 563.8  | 564.1  | 563.9  | 563.2  | 563.9  | 564.1  | 563.8  | 561.8  | 559.6  | 557.1  | 556.3  |
| 55°    | 507.2  | 507.9  | 506.4  | 507.2  | 506.4  | 507.9  | 507.2  | 506.4  | 506.4  | 504.9  | 506.4  |
| 57.5°  | 445.8  | 442.1  | 443.7  | 441.9  | 443.7  | 442.1  | 445.8  | 449.1  | 450.3  | 450.6  | 452.9  |
| 60°    | 401.9  | 395.9  | 394.4  | 391.3  | 394.4  | 395.9  | 401.9  | 409.3  | 412.4  | 413.9  | 416.1  |
| 62.5°  | 352.5  | 348.3  | 343.2  | 345.5  | 343.2  | 348.3  | 352.5  | 360.6  | 367.2  | 372.4  | 377.6  |
| 65°    | 286.7  | 283.7  | 281.4  | 284.5  | 281.4  | 283.7  | 286.7  | 292.8  | 298.8  | 310.8  | 322.1  |
| 67.5°  | 237.3  | 235.7  | 235.7  | 234.2  | 235.7  | 235.7  | 237.3  | 240.3  | 244.1  | 250.7  | 261.3  |
| 70°    | 211.5  | 209.2  | 209.2  | 207.7  | 209.2  | 209.2  | 211.5  | 211.5  | 215.2  | 218.2  | 225.7  |
| 72.5°  | 184.9  | 182.8  | 183.3  | 182.4  | 183.3  | 182.8  | 184.9  | 185.6  | 189.4  | 190.6  | 193.9  |
| 75°    | 137.0  | 133.2  | 133.2  | 133.9  | 133.2  | 133.2  | 137.0  | 141.5  | 145.2  | 152.0  | 153.5  |
| 77.5°  | 102.2  | 101.4  | 102.5  | 101.1  | 102.5  | 101.4  | 102.2  | 102.2  | 102.9  | 106.1  | 108.7  |
| 80°    | 83.5   | 82.8   | 82.0   | 84.3   | 82.0   | 82.8   | 83.5   | 83.5   | 84.3   | 85.0   | 85.8   |
| 82.5°  | 64.8   | 64.8   | 64.6   | 67.4   | 64.6   | 64.8   | 64.8   | 66.1   | 66.3   | 65.8   | 66.5   |
| 85°    | 39.1   | 37.6   | 39.1   | 37.6   | 39.1   | 37.6   | 39.1   | 38.4   | 39.1   | 38.4   | 39.1   |
| 87.5°  | 19.2   | 18.8   | 18.2   | 18.9   | 18.2   | 18.8   | 19.2   | 17.9   | 17.8   | 18.8   | 17.9   |
| 90°    | 27.0   | 27.4   | 27.8   | 28.2   | 27.8   | 27.4   | 27.0   | 26.6   | 25.7   | 24.5   | 23.2   |
| 92.5°  | 41.0   | 41.3   | 41.6   | 41.8   | 41.6   | 41.3   | 41.0   | 40.8   | 40.2   | 39.5   | 38.7   |
| 95°    | 74.4   | 74.4   | 74.4   | 74.4   | 74.4   | 74.4   | 74.4   | 74.4   | 74.0   | 73.4   | 72.8   |
| 97.5°  | 116.5  | 116.5  | 116.5  | 116.5  | 116.5  | 116.5  | 116.5  | 116.5  | 116.1  | 115.4  | 114.6  |
| 100°   | 145.8  | 145.8  | 145.8  | 145.8  | 145.8  | 145.8  | 145.8  | 145.8  | 145.6  | 145.2  | 144.8  |
| 102.5° | 178.4  | 178.6  | 178.8  | 178.9  | 178.8  | 178.6  | 178.4  | 178.2  | 177.9  | 177.3  | 176.7  |
| 105°   | 227.6  | 228.3  | 228.9  | 229.5  | 228.9  | 228.3  | 227.6  | 227.1  | 226.4  | 225.8  | 225.2  |
| 107.5° | 279.0  | 278.9  | 278.9  | 278.8  | 278.9  | 278.9  | 279.0  | 279.0  | 278.7  | 278.1  | 277.6  |
| 110°   | 312.4  | 312.9  | 313.6  | 314.2  | 313.6  | 312.9  | 312.4  | 311.7  | 311.6  | 312.0  | 312.5  |



TEST NUMBER: P333004-830

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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 350.0  | 350.1  | 350.2  | 350.3  | 350.2  | 350.1  | 350.0  | 349.9  | 349.9  | 349.9  | 350.0  |
| 115°   | 407.1  | 406.8  | 406.6  | 406.4  | 406.6  | 406.8  | 407.1  | 407.3  | 407.5  | 407.6  | 407.8  |
| 117.5° | 461.1  | 460.7  | 460.2  | 459.9  | 460.2  | 460.7  | 461.1  | 461.6  | 462.1  | 462.8  | 463.5  |
| 120°   | 499.3  | 499.6  | 500.1  | 500.5  | 500.1  | 499.6  | 499.3  | 498.8  | 499.2  | 500.2  | 501.2  |
| 122.5° | 536.6  | 535.8  | 535.1  | 534.3  | 535.1  | 535.8  | 536.6  | 537.3  | 538.1  | 538.9  | 539.5  |
| 125°   | 594.0  | 593.5  | 593.1  | 592.7  | 593.1  | 593.5  | 594.0  | 594.4  | 594.7  | 595.2  | 595.6  |
| 127.5° | 647.7  | 647.3  | 647.1  | 646.7  | 647.1  | 647.3  | 647.7  | 648.0  | 648.4  | 648.8  | 649.2  |
| 130°   | 684.6  | 683.7  | 682.9  | 682.0  | 682.9  | 683.7  | 684.6  | 685.4  | 686.1  | 686.5  | 686.9  |
| 132.5° | 720.7  | 720.4  | 720.0  | 719.7  | 720.0  | 720.4  | 720.7  | 721.0  | 721.4  | 721.8  | 722.3  |
| 135°   | 773.4  | 772.7  | 772.0  | 771.5  | 772.0  | 772.7  | 773.4  | 773.9  | 774.5  | 774.9  | 775.3  |
| 137.5° | 825.5  | 825.6  | 825.7  | 825.9  | 825.7  | 825.6  | 825.5  | 825.3  | 825.6  | 826.0  | 826.6  |
| 140°   | 859.6  | 859.3  | 859.1  | 858.9  | 859.1  | 859.3  | 859.6  | 859.8  | 860.0  | 860.2  | 860.4  |
| 142.5° | 892.2  | 892.1  | 892.1  | 892.0  | 892.1  | 892.1  | 892.2  | 892.2  | 892.3  | 892.3  | 892.3  |
| 145°   | 938.9  | 938.3  | 937.6  | 937.0  | 937.6  | 938.3  | 938.9  | 939.5  | 939.9  | 940.2  | 940.4  |
| 147.5° | 983.2  | 983.0  | 982.8  | 982.6  | 982.8  | 983.0  | 983.2  | 983.4  | 983.5  | 983.7  | 983.9  |
| 150°   | 1011.1 | 1010.8 | 1010.6 | 1010.4 | 1010.6 | 1010.8 | 1011.1 | 1011.3 | 1011.3 | 1011.3 | 1011.3 |
| 152.5° | 1037.6 | 1037.1 | 1036.5 | 1035.9 | 1036.5 | 1037.1 | 1037.6 | 1038.2 | 1038.2 | 1037.6 | 1037.2 |
| 155°   | 1074.0 | 1073.3 | 1072.4 | 1071.6 | 1072.4 | 1073.3 | 1074.0 | 1074.9 | 1074.9 | 1074.0 | 1073.3 |
| 157.5° | 1105.5 | 1104.8 | 1104.1 | 1103.3 | 1104.1 | 1104.8 | 1105.5 | 1106.2 | 1106.3 | 1105.6 | 1104.9 |
| 160°   | 1124.5 | 1123.5 | 1122.5 | 1121.4 | 1122.5 | 1123.5 | 1124.5 | 1125.6 | 1125.8 | 1125.2 | 1124.5 |
| 162.5° | 1143.4 | 1142.4 | 1141.3 | 1140.2 | 1141.3 | 1142.4 | 1143.4 | 1144.4 | 1144.3 | 1143.2 | 1142.1 |
| 165°   | 1167.2 | 1166.4 | 1165.5 | 1164.7 | 1165.5 | 1166.4 | 1167.2 | 1168.0 | 1167.8 | 1166.6 | 1165.4 |
| 167.5° | 1186.1 | 1184.8 | 1183.5 | 1182.2 | 1183.5 | 1184.8 | 1186.1 | 1187.4 | 1187.4 | 1186.2 | 1184.9 |
| 170°   | 1196.4 | 1194.9 | 1193.4 | 1191.9 | 1193.4 | 1194.9 | 1196.4 | 1197.8 | 1198.0 | 1196.7 | 1195.4 |
| 172.5° | 1204.7 | 1203.2 | 1201.7 | 1200.2 | 1201.7 | 1203.2 | 1204.7 | 1206.1 | 1206.2 | 1204.7 | 1203.2 |
| 175°   | 1213.3 | 1211.8 | 1210.4 | 1208.9 | 1210.4 | 1211.8 | 1213.3 | 1214.7 | 1214.7 | 1213.3 | 1211.8 |
| 177.5° | 1217.5 | 1216.1 | 1214.7 | 1213.4 | 1214.7 | 1216.1 | 1217.5 | 1218.8 | 1218.9 | 1217.7 | 1216.5 |
| 180°   | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 |



TEST NUMBER: P333004-830

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5°   | 1786.5 | 1790.7 | 1800.4 | 1811.2 | 1820.2 | 1828.1 | 1834.1 | 1842.5 | 1850.3 | 1861.1 | 1871.4 |
| 5°     | 1678.2 | 1688.7 | 1703.7 | 1721.8 | 1744.4 | 1759.4 | 1778.2 | 1794.8 | 1818.9 | 1843.0 | 1866.3 |
| 7.5°   | 1583.0 | 1594.6 | 1616.7 | 1641.7 | 1668.5 | 1693.2 | 1715.5 | 1744.6 | 1776.6 | 1811.7 | 1850.8 |
| 10°    | 1521.6 | 1534.5 | 1560.8 | 1589.3 | 1621.0 | 1645.0 | 1675.2 | 1709.8 | 1745.9 | 1788.8 | 1836.9 |
| 12.5°  | 1466.2 | 1478.5 | 1510.1 | 1539.4 | 1572.2 | 1598.6 | 1633.6 | 1668.9 | 1717.0 | 1763.5 | 1818.3 |
| 15°    | 1358.3 | 1390.7 | 1426.8 | 1461.4 | 1500.5 | 1533.0 | 1575.1 | 1611.2 | 1657.1 | 1722.6 | 1785.0 |
| 17.5°  | 1238.5 | 1273.0 | 1317.9 | 1371.3 | 1423.8 | 1463.9 | 1506.6 | 1551.4 | 1606.1 | 1672.9 | 1745.0 |
| 20°    | 1168.7 | 1196.6 | 1246.2 | 1305.6 | 1366.6 | 1422.3 | 1461.4 | 1511.1 | 1567.5 | 1639.7 | 1714.3 |
| 22.5°  | 1116.3 | 1139.9 | 1178.7 | 1238.2 | 1304.0 | 1368.7 | 1418.7 | 1467.7 | 1530.2 | 1602.4 | 1683.6 |
| 25°    | 1037.7 | 1063.4 | 1097.2 | 1137.8 | 1213.1 | 1281.6 | 1347.1 | 1403.4 | 1469.7 | 1541.9 | 1632.2 |
| 27.5°  | 972.4  | 994.7  | 1025.7 | 1068.0 | 1118.6 | 1194.1 | 1273.5 | 1337.8 | 1405.7 | 1483.3 | 1573.7 |
| 30°    | 933.9  | 952.0  | 977.5  | 1020.4 | 1068.6 | 1136.3 | 1216.8 | 1292.1 | 1360.6 | 1441.1 | 1535.2 |
| 32.5°  | 893.5  | 912.9  | 937.8  | 971.7  | 1023.4 | 1080.3 | 1160.8 | 1243.3 | 1316.1 | 1398.4 | 1490.6 |
| 35°    | 839.8  | 854.9  | 877.4  | 912.1  | 958.8  | 1008.4 | 1079.9 | 1164.9 | 1241.7 | 1329.7 | 1417.8 |
| 37.5°  | 785.5  | 803.2  | 821.0  | 851.9  | 890.1  | 943.5  | 1002.1 | 1088.9 | 1173.9 | 1254.3 | 1340.3 |
| 40°    | 754.8  | 765.3  | 784.9  | 809.7  | 850.4  | 897.8  | 952.7  | 1037.7 | 1122.8 | 1202.6 | 1289.1 |
| 42.5°  | 720.5  | 732.3  | 748.8  | 773.6  | 810.0  | 856.2  | 909.9  | 983.5  | 1072.2 | 1149.6 | 1228.3 |
| 45°    | 672.8  | 679.6  | 696.1  | 717.2  | 747.2  | 793.9  | 843.6  | 909.1  | 992.6  | 1066.3 | 1135.6 |
| 47.5°  | 624.6  | 630.5  | 640.8  | 660.2  | 693.8  | 731.3  | 777.8  | 836.5  | 909.8  | 983.5  | 1042.1 |
| 50°    | 591.4  | 596.7  | 606.5  | 624.6  | 654.7  | 691.5  | 737.4  | 790.1  | 855.6  | 926.3  | 975.2  |
| 52.5°  | 558.4  | 561.3  | 570.4  | 590.9  | 616.1  | 652.4  | 693.5  | 742.0  | 803.2  | 862.0  | 911.4  |
| 55°    | 505.7  | 512.5  | 518.5  | 533.6  | 557.6  | 592.2  | 629.1  | 675.0  | 722.5  | 772.1  | 814.3  |
| 57.5°  | 450.7  | 458.2  | 466.8  | 480.1  | 499.3  | 531.4  | 564.6  | 601.7  | 642.2  | 683.4  | 718.8  |
| 60°    | 414.6  | 421.4  | 429.0  | 444.0  | 461.3  | 486.9  | 523.0  | 555.3  | 586.3  | 623.9  | 659.2  |
| 62.5°  | 379.1  | 385.9  | 394.6  | 406.7  | 423.4  | 447.8  | 477.9  | 506.1  | 538.1  | 570.9  | 597.2  |
| 65°    | 326.6  | 331.9  | 338.7  | 350.0  | 365.7  | 387.6  | 412.4  | 434.2  | 462.8  | 486.9  | 511.0  |
| 67.5°  | 269.0  | 279.1  | 287.9  | 297.1  | 310.5  | 330.8  | 348.7  | 369.7  | 389.1  | 407.0  | 429.0  |
| 70°    | 231.0  | 242.3  | 250.6  | 260.3  | 273.1  | 290.5  | 307.7  | 322.1  | 337.9  | 355.2  | 374.8  |
| 72.5°  | 199.2  | 208.0  | 214.4  | 224.9  | 236.5  | 252.5  | 268.6  | 280.5  | 293.3  | 305.2  | 324.2  |
| 75°    | 157.3  | 161.1  | 165.6  | 173.8  | 184.4  | 196.4  | 209.2  | 219.7  | 227.2  | 237.8  | 251.4  |
| 77.5°  | 113.0  | 120.3  | 123.3  | 129.1  | 136.7  | 144.2  | 152.6  | 161.5  | 168.7  | 172.5  | 182.9  |
| 80°    | 86.5   | 89.5   | 92.6   | 100.9  | 105.4  | 112.9  | 118.9  | 127.1  | 130.2  | 133.9  | 143.7  |
| 82.5°  | 67.3   | 69.1   | 70.9   | 73.1   | 75.9   | 83.4   | 89.4   | 94.6   | 97.6   | 99.1   | 106.4  |
| 85°    | 39.1   | 39.9   | 40.6   | 41.4   | 42.1   | 42.1   | 45.1   | 48.9   | 54.2   | 54.2   | 56.5   |
| 87.5°  | 17.6   | 18.0   | 17.6   | 16.7   | 17.6   | 17.2   | 17.4   | 17.0   | 18.4   | 19.7   | 21.0   |
| 90°    | 22.0   | 20.7   | 19.0   | 17.3   | 15.6   | 14.0   | 12.1   | 9.7    | 7.4    | 5.1    | 2.8    |
| 92.5°  | 38.0   | 37.2   | 36.1   | 34.9   | 33.7   | 32.6   | 30.6   | 28.0   | 25.4   | 22.8   | 20.2   |
| 95°    | 72.1   | 71.5   | 70.0   | 68.6   | 67.1   | 65.6   | 64.0   | 62.1   | 60.2   | 58.3   | 56.5   |
| 97.5°  | 113.9  | 113.1  | 111.4  | 109.6  | 107.9  | 106.2  | 104.6  | 103.1  | 101.6  | 100.1  | 98.6   |
| 100°   | 144.4  | 143.9  | 142.0  | 140.2  | 138.3  | 136.4  | 135.1  | 134.2  | 133.4  | 132.5  | 131.7  |
| 102.5° | 176.2  | 175.6  | 173.8  | 172.1  | 170.4  | 168.7  | 167.7  | 167.3  | 167.0  | 166.6  | 166.4  |
| 105°   | 224.5  | 223.9  | 223.1  | 222.3  | 221.4  | 220.6  | 220.1  | 219.8  | 219.6  | 219.4  | 219.2  |
| 107.5° | 277.0  | 276.4  | 276.3  | 276.2  | 276.1  | 275.9  | 275.7  | 275.5  | 275.2  | 274.9  | 274.8  |
| 110°   | 312.8  | 313.3  | 313.5  | 313.7  | 313.9  | 314.1  | 314.1  | 313.6  | 313.2  | 312.7  | 312.4  |



TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 350.1  | 350.2  | 350.5  | 350.9  | 351.3  | 351.7  | 351.9  | 351.8  | 351.7  | 351.6  | 351.5  |
| 115°   | 408.1  | 408.3  | 408.7  | 409.2  | 409.5  | 410.0  | 410.2  | 410.2  | 410.2  | 410.2  | 410.2  |
| 117.5° | 464.2  | 465.0  | 465.2  | 465.5  | 465.8  | 466.1  | 466.2  | 466.0  | 465.8  | 465.7  | 465.5  |
| 120°   | 502.3  | 503.3  | 504.0  | 504.5  | 505.2  | 505.9  | 505.8  | 504.9  | 504.1  | 503.2  | 502.4  |
| 122.5° | 540.3  | 540.9  | 541.2  | 541.5  | 541.9  | 542.2  | 542.1  | 541.8  | 541.4  | 541.1  | 540.7  |
| 125°   | 596.1  | 596.4  | 596.6  | 596.9  | 597.1  | 597.3  | 597.4  | 597.4  | 597.4  | 597.4  | 597.4  |
| 127.5° | 649.7  | 650.1  | 650.4  | 650.7  | 651.1  | 651.4  | 651.3  | 650.6  | 650.0  | 649.4  | 648.8  |
| 130°   | 687.3  | 687.7  | 687.7  | 687.7  | 687.7  | 687.7  | 687.4  | 686.7  | 686.2  | 685.5  | 684.9  |
| 132.5° | 722.6  | 723.1  | 723.2  | 723.4  | 723.6  | 723.8  | 723.6  | 723.1  | 722.6  | 722.3  | 721.8  |
| 135°   | 775.7  | 776.2  | 776.2  | 776.2  | 776.2  | 776.2  | 775.5  | 774.3  | 773.0  | 771.8  | 770.5  |
| 137.5° | 827.2  | 827.7  | 827.4  | 827.1  | 826.7  | 826.3  | 826.0  | 825.3  | 824.7  | 824.2  | 823.6  |
| 140°   | 860.6  | 860.8  | 860.8  | 860.8  | 860.8  | 860.8  | 860.6  | 860.2  | 859.8  | 859.3  | 858.9  |
| 142.5° | 892.4  | 892.4  | 892.6  | 892.8  | 893.0  | 893.1  | 893.0  | 892.6  | 892.1  | 891.7  | 891.3  |
| 145°   | 940.6  | 940.8  | 940.6  | 940.4  | 940.2  | 939.9  | 939.4  | 938.6  | 937.7  | 936.9  | 936.0  |
| 147.5° | 984.1  | 984.3  | 984.4  | 984.6  | 984.8  | 985.0  | 984.5  | 983.5  | 982.5  | 981.5  | 980.5  |
| 150°   | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.0 | 1010.1 | 1009.3 | 1008.4 | 1007.6 |
| 152.5° | 1036.7 | 1036.1 | 1036.0 | 1035.9 | 1035.7 | 1035.5 | 1035.2 | 1034.7 | 1034.2 | 1033.7 | 1033.2 |
| 155°   | 1072.4 | 1071.6 | 1071.8 | 1072.0 | 1072.1 | 1072.4 | 1072.5 | 1072.5 | 1072.5 | 1072.5 | 1072.5 |
| 157.5° | 1104.4 | 1103.7 | 1103.8 | 1103.8 | 1103.8 | 1103.9 | 1104.1 | 1104.5 | 1104.8 | 1105.2 | 1105.6 |
| 160°   | 1123.9 | 1123.3 | 1123.5 | 1123.7 | 1123.9 | 1124.2 | 1124.4 | 1124.5 | 1124.7 | 1124.9 | 1125.2 |
| 162.5° | 1140.9 | 1139.8 | 1140.1 | 1140.3 | 1140.5 | 1140.7 | 1141.0 | 1141.6 | 1142.2 | 1142.7 | 1143.2 |
| 165°   | 1164.0 | 1162.8 | 1163.2 | 1163.7 | 1164.0 | 1164.5 | 1165.0 | 1165.6 | 1166.3 | 1166.9 | 1167.5 |
| 167.5° | 1183.6 | 1182.4 | 1182.3 | 1182.3 | 1182.2 | 1182.2 | 1182.6 | 1183.6 | 1184.4 | 1185.2 | 1186.2 |
| 170°   | 1194.2 | 1192.9 | 1192.7 | 1192.5 | 1192.3 | 1192.0 | 1192.5 | 1193.5 | 1194.6 | 1195.6 | 1196.7 |
| 172.5° | 1201.8 | 1200.4 | 1200.4 | 1200.3 | 1200.3 | 1200.2 | 1200.7 | 1201.6 | 1202.5 | 1203.3 | 1204.2 |
| 175°   | 1210.4 | 1208.9 | 1209.1 | 1209.3 | 1209.6 | 1209.8 | 1210.4 | 1211.4 | 1212.5 | 1213.5 | 1214.6 |
| 177.5° | 1215.3 | 1214.2 | 1214.2 | 1214.2 | 1214.2 | 1214.2 | 1214.6 | 1215.4 | 1216.3 | 1217.1 | 1218.0 |
| 180°   | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 |



TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5°   | 1879.2 | 1884.6 | 1890.6 | 1902.1 | 1911.8 | 1916.0 | 1924.4 | 1930.4 | 1928.6 | 1937.0 | 1951.4 |
| 5°     | 1886.6 | 1907.0 | 1930.2 | 1954.4 | 1981.4 | 2004.0 | 2022.0 | 2040.1 | 2054.5 | 2071.7 | 2097.3 |
| 7.5°   | 1885.4 | 1921.6 | 1960.8 | 2004.0 | 2048.4 | 2086.8 | 2122.3 | 2158.4 | 2190.5 | 2225.5 | 2271.4 |
| 10°    | 1880.6 | 1928.7 | 1977.6 | 2034.1 | 2090.6 | 2144.0 | 2192.2 | 2237.3 | 2280.2 | 2326.1 | 2384.1 |
| 12.5°  | 1875.2 | 1930.5 | 1989.7 | 2057.6 | 2127.9 | 2192.2 | 2248.7 | 2313.8 | 2367.5 | 2426.7 | 2493.6 |
| 15°    | 1851.2 | 1925.7 | 2006.3 | 2094.3 | 2178.6 | 2265.1 | 2342.6 | 2422.4 | 2496.9 | 2567.7 | 2651.9 |
| 17.5°  | 1823.8 | 1909.8 | 2004.8 | 2108.8 | 2210.1 | 2315.3 | 2407.3 | 2507.7 | 2583.9 | 2678.9 | 2757.1 |
| 20°    | 1801.6 | 1894.1 | 1995.7 | 2112.3 | 2227.5 | 2344.1 | 2445.7 | 2548.1 | 2633.8 | 2729.4 | 2828.8 |
| 22.5°  | 1774.4 | 1876.0 | 1986.1 | 2107.0 | 2227.5 | 2354.9 | 2467.4 | 2569.2 | 2675.4 | 2783.0 | 2885.4 |
| 25°    | 1730.8 | 1836.2 | 1952.9 | 2085.3 | 2223.7 | 2353.9 | 2474.4 | 2600.8 | 2715.2 | 2831.8 | 2923.6 |
| 27.5°  | 1677.3 | 1787.9 | 1910.8 | 2047.5 | 2189.6 | 2322.9 | 2464.7 | 2599.4 | 2714.5 | 2826.8 | 2906.9 |
| 30°    | 1634.5 | 1751.1 | 1869.3 | 2007.8 | 2155.2 | 2298.2 | 2450.2 | 2584.9 | 2706.1 | 2807.0 | 2852.1 |
| 32.5°  | 1590.5 | 1701.2 | 1823.0 | 1963.2 | 2114.3 | 2268.1 | 2418.9 | 2556.6 | 2668.8 | 2729.3 | 2730.5 |
| 35°    | 1514.1 | 1618.0 | 1744.4 | 1882.1 | 2037.1 | 2204.1 | 2356.9 | 2492.4 | 2560.9 | 2566.2 | 2492.4 |
| 37.5°  | 1430.7 | 1526.0 | 1645.3 | 1783.2 | 1952.9 | 2119.1 | 2275.2 | 2365.5 | 2388.4 | 2311.8 | 2175.4 |
| 40°    | 1371.1 | 1459.2 | 1574.3 | 1715.8 | 1884.3 | 2056.0 | 2198.2 | 2264.4 | 2240.3 | 2116.1 | 1964.1 |
| 42.5°  | 1308.5 | 1390.5 | 1501.5 | 1641.2 | 1810.3 | 1983.7 | 2104.9 | 2140.3 | 2076.5 | 1933.2 | 1755.2 |
| 45°    | 1206.4 | 1281.6 | 1391.5 | 1532.2 | 1694.7 | 1857.3 | 1949.1 | 1931.0 | 1824.9 | 1654.8 | 1455.4 |
| 47.5°  | 1099.9 | 1172.6 | 1271.5 | 1401.7 | 1568.1 | 1708.4 | 1770.6 | 1716.1 | 1565.1 | 1378.0 | 1215.8 |
| 50°    | 1029.4 | 1104.0 | 1195.0 | 1319.2 | 1471.2 | 1606.7 | 1646.5 | 1563.8 | 1395.9 | 1216.1 | 1067.1 |
| 52.5°  | 960.3  | 1023.9 | 1113.1 | 1233.1 | 1378.5 | 1492.9 | 1514.1 | 1418.7 | 1245.5 | 1084.2 | 952.1  |
| 55°    | 854.9  | 912.9  | 988.1  | 1101.0 | 1226.6 | 1323.7 | 1312.4 | 1189.8 | 1032.5 | 894.8  | 790.9  |
| 57.5°  | 753.0  | 796.6  | 866.2  | 971.9  | 1082.3 | 1147.5 | 1106.3 | 1001.6 | 855.1  | 742.3  | 654.7  |
| 60°    | 685.6  | 726.2  | 790.9  | 883.4  | 980.5  | 1017.4 | 982.8  | 869.2  | 753.3  | 650.2  | 576.5  |
| 62.5°  | 621.7  | 657.6  | 713.2  | 799.2  | 877.6  | 899.5  | 862.4  | 763.2  | 658.7  | 570.7  | 509.6  |
| 65°    | 529.0  | 562.1  | 609.5  | 670.5  | 724.7  | 735.2  | 711.1  | 609.5  | 530.6  | 456.8  | 414.6  |
| 67.5°  | 444.9  | 466.6  | 503.6  | 556.3  | 585.0  | 591.2  | 544.7  | 480.9  | 411.2  | 365.9  | 334.1  |
| 70°    | 388.3  | 403.3  | 438.0  | 466.6  | 489.9  | 490.7  | 447.8  | 396.6  | 343.2  | 306.3  | 283.0  |
| 72.5°  | 333.6  | 348.0  | 374.2  | 393.7  | 411.6  | 405.8  | 366.5  | 326.1  | 283.0  | 255.1  | 237.8  |
| 75°    | 257.4  | 270.1  | 283.7  | 292.8  | 292.8  | 285.2  | 256.7  | 226.5  | 201.7  | 185.1  | 179.8  |
| 77.5°  | 187.1  | 197.7  | 202.2  | 200.8  | 198.0  | 186.3  | 168.2  | 148.5  | 139.7  | 131.9  | 127.9  |
| 80°    | 146.8  | 151.3  | 152.8  | 149.0  | 144.5  | 130.9  | 118.9  | 110.7  | 102.4  | 99.3   | 97.8   |
| 82.5°  | 108.8  | 112.7  | 108.8  | 109.9  | 99.9   | 88.8   | 82.2   | 79.4   | 75.9   | 74.6   | 73.1   |
| 85°    | 58.0   | 57.2   | 55.7   | 51.9   | 45.1   | 43.6   | 42.9   | 42.1   | 40.6   | 41.4   | 39.9   |
| 87.5°  | 20.9   | 19.5   | 17.6   | 17.4   | 17.8   | 17.0   | 17.9   | 18.3   | 18.6   | 18.2   | 19.7   |
| 90°    | 5.1    | 7.4    | 9.7    | 12.1   | 14.0   | 15.6   | 17.3   | 19.0   | 20.7   | 22.0   | 23.2   |
| 92.5°  | 22.8   | 25.4   | 28.0   | 30.6   | 32.6   | 33.7   | 34.9   | 36.1   | 37.2   | 38.0   | 38.7   |
| 95°    | 58.3   | 60.2   | 62.1   | 64.0   | 65.6   | 67.1   | 68.6   | 70.0   | 71.5   | 72.1   | 72.8   |
| 97.5°  | 100.1  | 101.6  | 103.1  | 104.6  | 106.2  | 107.9  | 109.6  | 111.4  | 113.1  | 113.9  | 114.6  |
| 100°   | 132.5  | 133.4  | 134.2  | 135.1  | 136.4  | 138.3  | 140.2  | 142.0  | 143.9  | 144.4  | 144.8  |
| 102.5° | 166.6  | 167.0  | 167.3  | 167.7  | 168.7  | 170.4  | 172.1  | 173.8  | 175.6  | 176.2  | 176.7  |
| 105°   | 219.4  | 219.6  | 219.8  | 220.1  | 220.6  | 221.4  | 222.3  | 223.1  | 223.9  | 224.5  | 225.2  |
| 107.5° | 274.9  | 275.2  | 275.5  | 275.7  | 275.9  | 276.1  | 276.2  | 276.3  | 276.4  | 277.0  | 277.6  |
| 110°   | 312.7  | 313.2  | 313.6  | 314.1  | 314.1  | 313.9  | 313.7  | 313.5  | 313.3  | 312.8  | 312.5  |





TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 351.6  | 351.7  | 351.8  | 351.9  | 351.7  | 351.3  | 350.9  | 350.5  | 350.2  | 350.1  | 350.0  |
| 115°   | 410.2  | 410.2  | 410.2  | 410.2  | 410.0  | 409.5  | 409.2  | 408.7  | 408.3  | 408.1  | 407.8  |
| 117.5° | 465.7  | 465.8  | 466.0  | 466.2  | 466.1  | 465.8  | 465.5  | 465.2  | 465.0  | 464.2  | 463.5  |
| 120°   | 503.2  | 504.1  | 504.9  | 505.8  | 505.9  | 505.2  | 504.5  | 504.0  | 503.3  | 502.3  | 501.2  |
| 122.5° | 541.1  | 541.4  | 541.8  | 542.1  | 542.2  | 541.9  | 541.5  | 541.2  | 540.9  | 540.3  | 539.5  |
| 125°   | 597.4  | 597.4  | 597.4  | 597.4  | 597.3  | 597.1  | 596.9  | 596.6  | 596.4  | 596.1  | 595.6  |
| 127.5° | 649.4  | 650.0  | 650.6  | 651.3  | 651.4  | 651.1  | 650.7  | 650.4  | 650.1  | 649.7  | 649.2  |
| 130°   | 685.5  | 686.2  | 686.7  | 687.4  | 687.7  | 687.7  | 687.7  | 687.7  | 687.7  | 687.3  | 686.9  |
| 132.5° | 722.3  | 722.6  | 723.1  | 723.6  | 723.8  | 723.6  | 723.4  | 723.2  | 723.1  | 722.6  | 722.3  |
| 135°   | 771.8  | 773.0  | 774.3  | 775.5  | 776.2  | 776.2  | 776.2  | 776.2  | 776.2  | 775.7  | 775.3  |
| 137.5° | 824.2  | 824.7  | 825.3  | 826.0  | 826.3  | 826.7  | 827.1  | 827.4  | 827.7  | 827.2  | 826.6  |
| 140°   | 859.3  | 859.8  | 860.2  | 860.6  | 860.8  | 860.8  | 860.8  | 860.8  | 860.8  | 860.6  | 860.4  |
| 142.5° | 891.7  | 892.1  | 892.6  | 893.0  | 893.1  | 893.0  | 892.8  | 892.6  | 892.4  | 892.4  | 892.3  |
| 145°   | 936.9  | 937.7  | 938.6  | 939.4  | 939.9  | 940.2  | 940.4  | 940.6  | 940.8  | 940.6  | 940.4  |
| 147.5° | 981.5  | 982.5  | 983.5  | 984.5  | 985.0  | 984.8  | 984.6  | 984.4  | 984.3  | 984.1  | 983.9  |
| 150°   | 1008.4 | 1009.3 | 1010.1 | 1011.0 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 | 1011.3 |
| 152.5° | 1033.7 | 1034.2 | 1034.7 | 1035.2 | 1035.5 | 1035.7 | 1035.9 | 1036.0 | 1036.1 | 1036.7 | 1037.2 |
| 155°   | 1072.5 | 1072.5 | 1072.5 | 1072.5 | 1072.4 | 1072.1 | 1072.0 | 1071.8 | 1071.6 | 1072.4 | 1073.3 |
| 157.5° | 1105.2 | 1104.8 | 1104.5 | 1104.1 | 1103.9 | 1103.8 | 1103.8 | 1103.8 | 1103.7 | 1104.4 | 1104.9 |
| 160°   | 1124.9 | 1124.7 | 1124.5 | 1124.4 | 1124.2 | 1123.9 | 1123.7 | 1123.5 | 1123.3 | 1123.9 | 1124.5 |
| 162.5° | 1142.7 | 1142.2 | 1141.6 | 1141.0 | 1140.7 | 1140.5 | 1140.3 | 1140.1 | 1139.8 | 1140.9 | 1142.1 |
| 165°   | 1166.9 | 1166.3 | 1165.6 | 1165.0 | 1164.5 | 1164.0 | 1163.7 | 1163.2 | 1162.8 | 1164.0 | 1165.4 |
| 167.5° | 1185.2 | 1184.4 | 1183.6 | 1182.6 | 1182.2 | 1182.2 | 1182.3 | 1182.3 | 1182.4 | 1183.6 | 1184.9 |
| 170°   | 1195.6 | 1194.6 | 1193.5 | 1192.5 | 1192.0 | 1192.3 | 1192.5 | 1192.7 | 1192.9 | 1194.2 | 1195.4 |
| 172.5° | 1203.3 | 1202.5 | 1201.6 | 1200.7 | 1200.2 | 1200.3 | 1200.3 | 1200.4 | 1200.4 | 1201.8 | 1203.2 |
| 175°   | 1213.5 | 1212.5 | 1211.4 | 1210.4 | 1209.8 | 1209.6 | 1209.3 | 1209.1 | 1208.9 | 1210.4 | 1211.8 |
| 177.5° | 1217.1 | 1216.3 | 1215.4 | 1214.6 | 1214.2 | 1214.2 | 1214.2 | 1214.2 | 1214.2 | 1215.3 | 1216.5 |
| 180°   | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 |



TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5°   | 1959.3 | 1961.7 | 1963.5 | 1969.5 | 1970.1 | 1975.6 | 1970.1 |
| 5°     | 2121.4 | 2131.9 | 2148.5 | 2165.0 | 2166.5 | 2177.1 | 2158.2 |
| 7.5°   | 2303.2 | 2327.6 | 2342.8 | 2369.6 | 2380.1 | 2386.7 | 2375.9 |
| 10°    | 2428.5 | 2451.0 | 2490.9 | 2510.5 | 2530.1 | 2533.0 | 2524.0 |
| 12.5°  | 2549.5 | 2585.3 | 2616.7 | 2653.7 | 2652.9 | 2679.4 | 2669.7 |
| 15°    | 2710.7 | 2747.5 | 2791.2 | 2832.5 | 2847.6 | 2847.6 | 2859.7 |
| 17.5°  | 2825.6 | 2893.2 | 2938.4 | 2970.9 | 3006.3 | 3012.6 | 3008.3 |
| 20°    | 2903.3 | 2976.3 | 3024.4 | 3066.6 | 3090.7 | 3097.5 | 3097.5 |
| 22.5°  | 2961.1 | 3023.2 | 3070.2 | 3108.1 | 3128.0 | 3135.9 | 3133.6 |
| 25°    | 3001.1 | 3054.5 | 3083.2 | 3094.5 | 3099.6 | 3098.2 | 3083.9 |
| 27.5°  | 2946.3 | 2943.9 | 2925.8 | 2891.2 | 2865.2 | 2849.4 | 2831.3 |
| 30°    | 2841.6 | 2802.5 | 2757.3 | 2707.6 | 2643.6 | 2594.7 | 2579.6 |
| 32.5°  | 2685.7 | 2597.7 | 2521.3 | 2438.5 | 2369.7 | 2320.8 | 2300.4 |
| 35°    | 2384.1 | 2244.9 | 2131.2 | 2031.8 | 1959.6 | 1914.5 | 1899.4 |
| 37.5°  | 2026.1 | 1891.4 | 1750.7 | 1654.4 | 1594.5 | 1548.9 | 1531.8 |
| 40°    | 1798.6 | 1651.8 | 1529.2 | 1438.9 | 1377.1 | 1332.8 | 1332.0 |
| 42.5°  | 1590.8 | 1450.8 | 1335.3 | 1270.3 | 1203.7 | 1174.4 | 1174.2 |
| 45°    | 1302.6 | 1190.5 | 1092.7 | 1041.5 | 1001.6 | 977.5  | 970.7  |
| 47.5°  | 1078.6 | 985.8  | 920.7  | 879.9  | 847.3  | 832.0  | 822.1  |
| 50°    | 952.7  | 871.5  | 819.5  | 784.1  | 766.1  | 746.5  | 745.0  |
| 52.5°  | 847.9  | 782.3  | 741.9  | 713.1  | 690.2  | 678.4  | 678.8  |
| 55°    | 712.7  | 660.7  | 632.2  | 610.3  | 592.2  | 583.2  | 579.5  |
| 57.5°  | 600.4  | 561.4  | 540.6  | 520.6  | 512.9  | 505.9  | 503.9  |
| 60°    | 530.6  | 504.2  | 484.7  | 468.8  | 457.5  | 455.2  | 454.5  |
| 62.5°  | 472.8  | 445.2  | 431.7  | 419.4  | 411.2  | 407.7  | 406.3  |
| 65°    | 389.8  | 369.5  | 357.4  | 347.7  | 344.7  | 339.4  | 338.7  |
| 67.5°  | 314.2  | 302.1  | 294.1  | 287.3  | 283.2  | 283.0  | 283.0  |
| 70°    | 267.9  | 261.1  | 254.4  | 250.6  | 248.4  | 246.9  | 246.9  |
| 72.5°  | 228.2  | 223.2  | 217.6  | 215.7  | 215.2  | 213.7  | 213.1  |
| 75°    | 173.8  | 168.5  | 169.3  | 165.6  | 162.6  | 158.8  | 156.6  |
| 77.5°  | 123.3  | 119.5  | 118.8  | 118.3  | 115.7  | 115.3  | 116.5  |
| 80°    | 95.6   | 91.8   | 91.0   | 91.8   | 91.0   | 88.8   | 88.8   |
| 82.5°  | 72.7   | 69.6   | 68.8   | 68.3   | 67.6   | 68.3   | 67.1   |
| 85°    | 39.1   | 37.6   | 37.6   | 37.6   | 39.1   | 38.4   | 37.6   |
| 87.5°  | 18.8   | 18.4   | 19.1   | 18.7   | 18.8   | 18.2   | 18.9   |
| 90°    | 24.5   | 25.7   | 26.6   | 27.0   | 27.4   | 27.8   | 28.2   |
| 92.5°  | 39.5   | 40.2   | 40.8   | 41.0   | 41.3   | 41.6   | 41.8   |
| 95°    | 73.4   | 74.0   | 74.4   | 74.4   | 74.4   | 74.4   | 74.4   |
| 97.5°  | 115.4  | 116.1  | 116.5  | 116.5  | 116.5  | 116.5  | 116.5  |
| 100°   | 145.2  | 145.6  | 145.8  | 145.8  | 145.8  | 145.8  | 145.8  |
| 102.5° | 177.3  | 177.9  | 178.2  | 178.4  | 178.6  | 178.8  | 178.9  |
| 105°   | 225.8  | 226.4  | 227.1  | 227.6  | 228.3  | 228.9  | 229.5  |
| 107.5° | 278.1  | 278.7  | 279.0  | 279.0  | 278.9  | 278.9  | 278.8  |
| 110°   | 312.0  | 311.6  | 311.7  | 312.4  | 312.9  | 313.6  | 314.2  |



TEST NUMBER: P333004-830

CATALOG NUMBER: S124RDIP-S1195D1035U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 349.9  | 349.9  | 349.9  | 350.0  | 350.1  | 350.2  | 350.3  |
| 115°   | 407.6  | 407.5  | 407.3  | 407.1  | 406.8  | 406.6  | 406.4  |
| 117.5° | 462.8  | 462.1  | 461.6  | 461.1  | 460.7  | 460.2  | 459.9  |
| 120°   | 500.2  | 499.2  | 498.8  | 499.3  | 499.6  | 500.1  | 500.5  |
| 122.5° | 538.9  | 538.1  | 537.3  | 536.6  | 535.8  | 535.1  | 534.3  |
| 125°   | 595.2  | 594.7  | 594.4  | 594.0  | 593.5  | 593.1  | 592.7  |
| 127.5° | 648.8  | 648.4  | 648.0  | 647.7  | 647.3  | 647.1  | 646.7  |
| 130°   | 686.5  | 686.1  | 685.4  | 684.6  | 683.7  | 682.9  | 682.0  |
| 132.5° | 721.8  | 721.4  | 721.0  | 720.7  | 720.4  | 720.0  | 719.7  |
| 135°   | 774.9  | 774.5  | 773.9  | 773.4  | 772.7  | 772.0  | 771.5  |
| 137.5° | 826.0  | 825.6  | 825.3  | 825.5  | 825.6  | 825.7  | 825.9  |
| 140°   | 860.2  | 860.0  | 859.8  | 859.6  | 859.3  | 859.1  | 858.9  |
| 142.5° | 892.3  | 892.3  | 892.2  | 892.2  | 892.1  | 892.1  | 892.0  |
| 145°   | 940.2  | 939.9  | 939.5  | 938.9  | 938.3  | 937.6  | 937.0  |
| 147.5° | 983.7  | 983.5  | 983.4  | 983.2  | 983.0  | 982.8  | 982.6  |
| 150°   | 1011.3 | 1011.3 | 1011.3 | 1011.1 | 1010.8 | 1010.6 | 1010.4 |
| 152.5° | 1037.6 | 1038.2 | 1038.2 | 1037.6 | 1037.1 | 1036.5 | 1035.9 |
| 155°   | 1074.0 | 1074.9 | 1074.9 | 1074.0 | 1073.3 | 1072.4 | 1071.6 |
| 157.5° | 1105.6 | 1106.3 | 1106.2 | 1105.5 | 1104.8 | 1104.1 | 1103.3 |
| 160°   | 1125.2 | 1125.8 | 1125.6 | 1124.5 | 1123.5 | 1122.5 | 1121.4 |
| 162.5° | 1143.2 | 1144.3 | 1144.4 | 1143.4 | 1142.4 | 1141.3 | 1140.2 |
| 165°   | 1166.6 | 1167.8 | 1168.0 | 1167.2 | 1166.4 | 1165.5 | 1164.7 |
| 167.5° | 1186.2 | 1187.4 | 1187.4 | 1186.1 | 1184.8 | 1183.5 | 1182.2 |
| 170°   | 1196.7 | 1198.0 | 1197.8 | 1196.4 | 1194.9 | 1193.4 | 1191.9 |
| 172.5° | 1204.7 | 1206.2 | 1206.1 | 1204.7 | 1203.2 | 1201.7 | 1200.2 |
| 175°   | 1213.3 | 1214.7 | 1214.7 | 1213.3 | 1211.8 | 1210.4 | 1208.9 |
| 177.5° | 1217.7 | 1218.9 | 1218.8 | 1217.5 | 1216.1 | 1214.7 | 1213.4 |
| 180°   | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 | 1216.4 |

(END OF REPORT)