

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: P331458

Luminaire Tested: **S122DIP-S1005D1080U835-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331458  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122DIP-S1005D1080U835-4F0-1E-UDD-A4  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1080 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8608.2 lumens  
Efficiency: N/A  
Efficacy: 120.1 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: General Diffuse

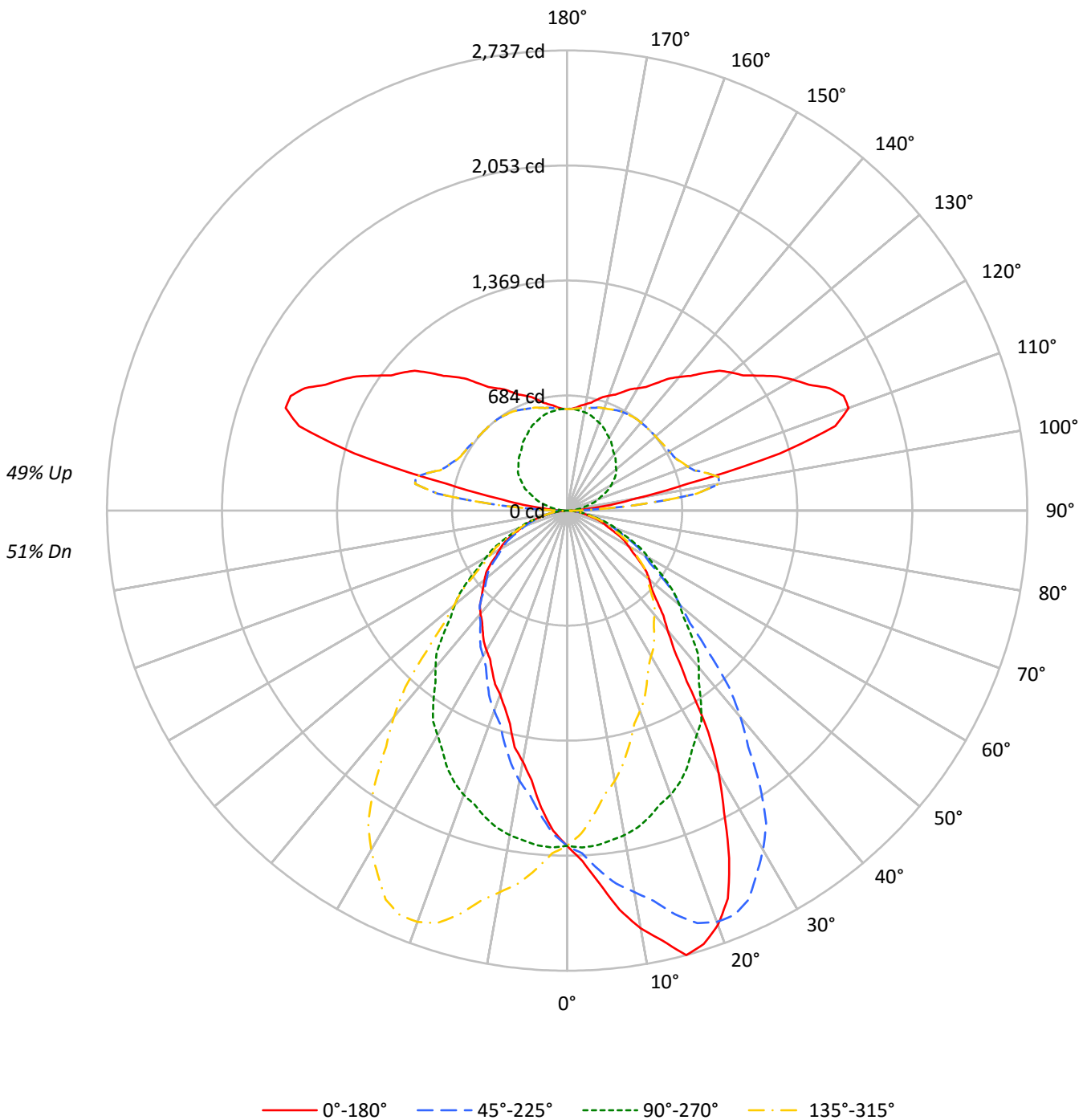
Input Watts (W): 71.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

### Luminous Intensity Polar Plot





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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   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 |  | 70 | 70 | 70 |  | 57 | 57 | 57 | 51 |
| 1   | 99  | 94  | 91  | 87  | 91 | 87 | 84 | 81 | 74 | 72 | 70 |  | 62 | 61 | 59 |  | 51 | 50 | 49 | 44 |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 68 | 66 | 62 | 59 |  | 55 | 53 | 50 |  | 46 | 44 | 42 | 38 |
| 3   | 83  | 73  | 66  | 61  | 76 | 68 | 62 | 57 | 58 | 54 | 50 |  | 49 | 46 | 43 |  | 41 | 39 | 36 | 33 |
| 4   | 76  | 65  | 58  | 52  | 70 | 61 | 54 | 49 | 52 | 47 | 43 |  | 44 | 40 | 37 |  | 37 | 34 | 32 | 28 |
| 5   | 70  | 58  | 51  | 45  | 64 | 54 | 47 | 42 | 47 | 42 | 37 |  | 40 | 36 | 33 |  | 34 | 31 | 28 | 25 |
| 6   | 64  | 53  | 45  | 39  | 59 | 49 | 42 | 37 | 43 | 37 | 33 |  | 36 | 32 | 29 |  | 31 | 27 | 25 | 22 |
| 7   | 60  | 48  | 40  | 34  | 55 | 45 | 38 | 33 | 39 | 33 | 29 |  | 33 | 29 | 26 |  | 28 | 25 | 22 | 20 |
| 8   | 55  | 43  | 36  | 31  | 51 | 41 | 34 | 29 | 35 | 30 | 26 |  | 31 | 26 | 23 |  | 26 | 23 | 20 | 18 |
| 9   | 52  | 40  | 32  | 27  | 48 | 37 | 31 | 26 | 33 | 27 | 24 |  | 28 | 24 | 21 |  | 24 | 21 | 18 | 16 |
| 10  | 48  | 37  | 29  | 25  | 45 | 34 | 28 | 24 | 30 | 25 | 21 |  | 26 | 22 | 19 |  | 22 | 19 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 32195 | 32195 | 32195 | 32195 |
| 5°  | 36094 | 32405 | 28716 | 32405 |
| 10° | 41361 | 32139 | 24851 | 32139 |
| 15° | 45757 | 31550 | 21956 | 31550 |
| 20° | 45060 | 30917 | 20015 | 30917 |
| 25° | 40631 | 30077 | 18786 | 30077 |
| 30° | 33575 | 28732 | 17889 | 28732 |
| 35° | 24471 | 27325 | 17251 | 27325 |
| 40° | 19545 | 25665 | 16895 | 25665 |
| 45° | 17080 | 23745 | 16413 | 23745 |
| 50° | 16053 | 21886 | 16093 | 21886 |
| 55° | 14798 | 19997 | 15662 | 19997 |
| 60° | 13563 | 17990 | 14996 | 17990 |
| 65° | 12355 | 16191 | 14346 | 16191 |
| 70° | 11216 | 14436 | 13388 | 14436 |
| 75° | 9944  | 12477 | 11859 | 12477 |
| 80° | 8554  | 10330 | 9549  | 10330 |
| 85° | 7669  | 7669  | 5687  | 7669  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 189.9  | 2.2       |
| 10°-20°   | 552.1  | 6.4       |
| 20°-30°   | 801.2  | 9.3       |
| 30°-40°   | 845.5  | 9.8       |
| 40°-50°   | 748.6  | 8.7       |
| 50°-60°   | 597.4  | 6.9       |
| 60°-70°   | 406.1  | 4.7       |
| 70°-80°   | 208.2  | 2.4       |
| 80°-90°   | 55.6   | 0.6       |
| 90°-100°  | 241.5  | 2.8       |
| 100°-110° | 819.6  | 9.5       |
| 110°-120° | 870.7  | 10.1      |
| 120°-130° | 716.8  | 8.3       |
| 130°-140° | 575.6  | 6.7       |
| 140°-150° | 435.0  | 5.1       |
| 150°-160° | 305.7  | 3.6       |
| 160°-170° | 180.0  | 2.1       |
| 170°-180° | 58.6   | 0.7       |
| 0°-30°    | 1543.2 | 17.9      |
| 0°-40°    | 2388.7 | 27.7      |
| 0°-60°    | 3734.8 | 43.4      |
| 0°-90°    | 4404.7 | 51.2      |
| 90°-120°  | 1931.9 | 22.4      |
| 90°-150°  | 3659.3 | 42.5      |
| 90°-180°  | 4204.0 | 48.8      |
| 0°-180°   | 8608.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1994 | 1994 | 1994 | 1994 | 1994 |      |
| 5°   | 2227 | 1999 | 1772 | 1999 | 2227 | 222  |
| 15°  | 2737 | 1888 | 1314 | 1888 | 2737 | 755  |
| 25°  | 2281 | 1688 | 1054 | 1688 | 2281 | 1031 |
| 35°  | 1242 | 1386 | 875  | 1386 | 1242 | 807  |
| 45°  | 748  | 1040 | 719  | 1040 | 748  | 588  |
| 55°  | 526  | 710  | 556  | 710  | 526  | 471  |
| 65°  | 323  | 424  | 376  | 424  | 323  | 322  |
| 75°  | 159  | 200  | 190  | 200  | 159  | 170  |
| 85°  | 41   | 41   | 31   | 41   | 41   | 46   |
| 90°  | 38   | 1    | 38   | 1    | 38   | 23   |
| 95°  | 132  | 41   | 132  | 41   | 132  | 172  |
| 105° | 1309 | 142  | 1309 | 142  | 1309 | 1267 |
| 115° | 1723 | 250  | 1723 | 250  | 1723 | 1687 |
| 125° | 1398 | 348  | 1398 | 348  | 1398 | 1263 |
| 135° | 1158 | 409  | 1158 | 409  | 1158 | 900  |
| 145° | 925  | 467  | 925  | 467  | 925  | 587  |
| 155° | 777  | 531  | 777  | 531  | 777  | 363  |
| 165° | 682  | 578  | 682  | 578  | 682  | 195  |
| 175° | 614  | 603  | 614  | 603  | 614  | 60   |
| 180° | 604  | 604  | 604  | 604  | 604  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 |
| 2.5°   | 2086.0 | 2086.6 | 2087.8 | 2078.0 | 2076.8 | 2076.8 | 2068.2 | 2060.9 | 2052.3 | 2040.6 | 2041.9 |
| 5°     | 2227.0 | 2235.4 | 2238.5 | 2229.3 | 2215.5 | 2214.0 | 2201.0 | 2179.5 | 2159.6 | 2143.5 | 2132.0 |
| 7.5°   | 2395.3 | 2398.7 | 2391.2 | 2379.1 | 2368.8 | 2350.4 | 2326.2 | 2302.4 | 2269.2 | 2238.7 | 2216.0 |
| 10°    | 2522.8 | 2527.4 | 2514.4 | 2496.8 | 2482.2 | 2460.8 | 2425.5 | 2389.5 | 2345.8 | 2303.7 | 2269.9 |
| 12.5°  | 2619.7 | 2631.0 | 2614.3 | 2612.0 | 2587.1 | 2557.6 | 2515.6 | 2497.4 | 2435.9 | 2377.2 | 2341.1 |
| 15°    | 2737.4 | 2736.6 | 2738.2 | 2723.6 | 2705.2 | 2700.6 | 2656.2 | 2607.9 | 2521.3 | 2486.8 | 2427.0 |
| 17.5°  | 2703.4 | 2715.0 | 2720.4 | 2720.2 | 2719.8 | 2716.9 | 2702.6 | 2672.1 | 2628.7 | 2572.8 | 2503.8 |
| 20°    | 2622.5 | 2637.8 | 2640.1 | 2657.7 | 2667.7 | 2680.7 | 2686.1 | 2677.6 | 2650.8 | 2604.1 | 2544.3 |
| 22.5°  | 2497.4 | 2501.7 | 2508.9 | 2536.3 | 2557.9 | 2590.6 | 2607.6 | 2635.9 | 2625.7 | 2602.8 | 2552.9 |
| 25°    | 2280.7 | 2273.0 | 2299.8 | 2313.6 | 2363.4 | 2415.5 | 2453.1 | 2494.5 | 2531.3 | 2553.5 | 2538.9 |
| 27.5°  | 2020.4 | 2008.9 | 2049.1 | 2085.7 | 2126.2 | 2182.6 | 2241.1 | 2310.2 | 2367.7 | 2439.6 | 2464.3 |
| 30°    | 1800.9 | 1807.8 | 1846.1 | 1885.2 | 1946.5 | 2026.2 | 2092.1 | 2168.0 | 2250.0 | 2330.5 | 2386.4 |
| 32.5°  | 1564.3 | 1590.8 | 1615.0 | 1674.9 | 1728.9 | 1817.8 | 1914.3 | 2009.2 | 2111.5 | 2203.0 | 2289.6 |
| 35°    | 1241.5 | 1272.1 | 1305.9 | 1349.5 | 1425.4 | 1513.5 | 1607.8 | 1735.8 | 1875.3 | 2000.2 | 2102.9 |
| 37.5°  | 1045.0 | 1040.1 | 1059.4 | 1091.0 | 1152.4 | 1223.6 | 1332.1 | 1458.5 | 1622.7 | 1769.5 | 1914.3 |
| 40°    | 927.3  | 924.2  | 938.0  | 967.1  | 1013.9 | 1066.0 | 1161.0 | 1272.1 | 1424.6 | 1604.0 | 1776.4 |
| 42.5°  | 846.4  | 848.2  | 855.9  | 876.4  | 908.4  | 951.3  | 1022.5 | 1117.0 | 1256.7 | 1425.6 | 1610.9 |
| 45°    | 748.0  | 753.3  | 761.8  | 771.7  | 790.1  | 825.4  | 865.2  | 932.7  | 1043.0 | 1184.0 | 1366.4 |
| 47.5°  | 677.1  | 677.3  | 685.9  | 694.6  | 705.5  | 725.4  | 757.9  | 800.2  | 878.1  | 992.9  | 1149.7 |
| 50°    | 639.1  | 633.8  | 639.9  | 646.8  | 658.3  | 672.1  | 693.5  | 733.4  | 785.5  | 878.2  | 1009.3 |
| 52.5°  | 592.5  | 592.7  | 598.2  | 600.8  | 611.1  | 624.9  | 644.5  | 672.1  | 719.3  | 791.8  | 899.5  |
| 55°    | 525.7  | 529.5  | 532.6  | 537.2  | 546.4  | 556.4  | 571.7  | 590.1  | 626.9  | 681.3  | 761.0  |
| 57.5°  | 462.9  | 464.1  | 467.2  | 475.9  | 481.7  | 490.9  | 505.5  | 522.2  | 546.1  | 586.4  | 646.3  |
| 60°    | 420.0  | 420.0  | 426.1  | 429.9  | 437.6  | 446.8  | 458.3  | 474.4  | 495.8  | 528.8  | 577.1  |
| 62.5°  | 380.7  | 380.1  | 382.6  | 388.8  | 394.7  | 403.3  | 414.7  | 428.4  | 448.6  | 477.9  | 517.6  |
| 65°    | 323.4  | 321.9  | 326.5  | 328.0  | 334.1  | 342.6  | 351.8  | 366.3  | 382.4  | 403.9  | 439.1  |
| 67.5°  | 268.2  | 270.1  | 272.5  | 275.4  | 278.8  | 287.7  | 293.8  | 304.1  | 317.7  | 335.5  | 359.4  |
| 70°    | 237.6  | 237.6  | 237.6  | 239.9  | 244.5  | 249.1  | 255.2  | 263.6  | 276.7  | 292.0  | 313.4  |
| 72.5°  | 203.2  | 205.7  | 208.1  | 206.8  | 212.6  | 215.3  | 222.7  | 227.5  | 239.9  | 249.7  | 268.7  |
| 75°    | 159.4  | 159.4  | 159.4  | 163.2  | 165.5  | 167.8  | 172.4  | 177.0  | 183.2  | 195.4  | 205.4  |
| 77.5°  | 118.9  | 118.6  | 119.4  | 120.3  | 122.8  | 125.5  | 126.9  | 131.0  | 136.7  | 142.4  | 150.8  |
| 80°    | 92.0   | 93.5   | 94.3   | 95.8   | 95.8   | 97.3   | 98.1   | 103.5  | 107.3  | 111.1  | 116.5  |
| 82.5°  | 71.1   | 71.4   | 71.6   | 71.9   | 72.5   | 73.4   | 75.4   | 77.1   | 78.5   | 81.7   | 85.8   |
| 85°    | 41.4   | 40.6   | 40.6   | 42.1   | 41.4   | 41.4   | 42.9   | 44.4   | 44.4   | 45.2   | 47.5   |
| 87.5°  | 23.6   | 23.6   | 24.2   | 23.6   | 23.6   | 24.0   | 23.5   | 23.4   | 24.2   | 25.1   | 25.4   |
| 90°    | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 37.2   | 34.9   | 37.2   | 38.3   | 39.5   | 38.3   |
| 92.5°  | 64.4   | 66.2   | 65.3   | 69.0   | 69.9   | 77.1   | 86.9   | 101.3  | 127.6  | 151.0  | 148.9  |
| 95°    | 132.4  | 131.3  | 134.8  | 144.0  | 159.1  | 184.7  | 233.5  | 304.4  | 398.5  | 455.4  | 403.1  |
| 97.5°  | 260.7  | 270.4  | 287.4  | 316.0  | 371.5  | 455.4  | 581.1  | 710.2  | 815.5  | 777.4  | 585.5  |
| 100°   | 415.9  | 436.8  | 470.5  | 520.4  | 616.8  | 757.4  | 916.6  | 1060.6 | 1085.0 | 917.7  | 631.9  |
| 102.5° | 731.9  | 760.2  | 802.3  | 887.5  | 992.3  | 1141.2 | 1257.6 | 1290.2 | 1185.4 | 922.4  | 614.3  |
| 105°   | 1309.2 | 1325.5 | 1375.4 | 1447.4 | 1519.5 | 1557.8 | 1542.7 | 1411.4 | 1169.8 | 860.8  | 579.7  |
| 107.5° | 1672.3 | 1693.9 | 1703.9 | 1707.9 | 1698.8 | 1642.6 | 1521.8 | 1324.1 | 1067.8 | 794.8  | 562.5  |
| 110°   | 1782.0 | 1783.2 | 1772.7 | 1750.6 | 1700.7 | 1605.4 | 1456.7 | 1248.8 | 1003.7 | 763.2  | 558.8  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1780.1 | 1773.9 | 1754.1 | 1717.2 | 1647.7 | 1538.5 | 1379.6 | 1180.0 | 959.1 | 742.8 | 559.7 |
| 115°   | 1722.8 | 1712.3 | 1682.1 | 1628.7 | 1546.2 | 1426.5 | 1274.4 | 1095.5 | 903.8 | 720.2 | 564.6 |
| 117.5° | 1620.3 | 1611.5 | 1579.6 | 1523.2 | 1439.1 | 1326.9 | 1188.9 | 1031.8 | 868.9 | 709.3 | 572.9 |
| 120°   | 1554.3 | 1542.7 | 1509.0 | 1454.4 | 1373.1 | 1267.4 | 1144.2 | 1000.2 | 850.3 | 702.8 | 578.5 |
| 122.5° | 1485.5 | 1475.8 | 1445.8 | 1392.1 | 1319.2 | 1223.7 | 1107.1 | 975.1  | 834.5 | 699.1 | 585.0 |
| 125°   | 1397.5 | 1388.2 | 1359.2 | 1315.0 | 1247.6 | 1160.5 | 1058.3 | 938.6  | 812.0 | 692.4 | 594.8 |
| 127.5° | 1320.4 | 1312.9 | 1287.8 | 1246.5 | 1187.7 | 1107.3 | 1010.9 | 902.6  | 791.1 | 688.4 | 604.8 |
| 130°   | 1276.7 | 1267.4 | 1244.2 | 1204.7 | 1147.7 | 1071.1 | 979.3  | 879.4  | 777.2 | 686.5 | 612.2 |
| 132.5° | 1231.1 | 1222.8 | 1201.4 | 1161.9 | 1105.9 | 1033.9 | 949.6  | 857.1  | 766.0 | 685.6 | 619.6 |
| 135°   | 1158.2 | 1153.5 | 1132.6 | 1094.3 | 1044.3 | 979.3  | 902.6  | 825.9  | 750.4 | 684.2 | 628.5 |
| 137.5° | 1086.6 | 1079.7 | 1061.3 | 1028.3 | 982.8  | 926.1  | 865.2  | 801.1  | 739.5 | 684.0 | 636.4 |
| 140°   | 1037.4 | 1030.4 | 1013.0 | 982.8  | 945.6  | 894.5  | 841.1  | 785.3  | 733.0 | 683.1 | 640.1 |
| 142.5° | 988.1  | 986.7  | 971.2  | 943.7  | 908.4  | 865.7  | 819.7  | 772.3  | 726.5 | 683.1 | 642.9 |
| 145°   | 924.7  | 921.2  | 909.6  | 889.8  | 862.0  | 828.3  | 792.3  | 753.9  | 717.9 | 680.7 | 645.9 |
| 147.5° | 871.5  | 869.4  | 861.5  | 845.7  | 822.7  | 798.1  | 770.0  | 739.8  | 709.1 | 676.6 | 646.8 |
| 150°   | 839.9  | 838.7  | 831.8  | 817.8  | 800.4  | 779.5  | 755.1  | 729.5  | 701.6 | 673.8 | 645.9 |
| 152.5° | 812.9  | 812.7  | 807.6  | 795.5  | 781.8  | 763.7  | 743.0  | 719.3  | 695.1 | 669.1 | 644.0 |
| 155°   | 777.2  | 779.5  | 774.8  | 766.7  | 753.9  | 741.1  | 723.7  | 705.1  | 683.1 | 661.0 | 641.2 |
| 157.5° | 746.7  | 746.7  | 744.6  | 737.9  | 728.8  | 718.8  | 704.2  | 688.6  | 671.7 | 652.6 | 635.9 |
| 160°   | 727.2  | 727.2  | 726.0  | 720.2  | 712.1  | 704.0  | 691.2  | 678.4  | 663.3 | 647.1 | 633.1 |
| 162.5° | 708.6  | 709.5  | 708.4  | 704.4  | 696.3  | 690.0  | 679.1  | 668.2  | 655.9 | 642.4 | 630.3 |
| 165°   | 681.9  | 683.1  | 683.1  | 678.4  | 673.8  | 669.1  | 661.0  | 652.9  | 643.6 | 633.1 | 625.0 |
| 167.5° | 657.3  | 658.7  | 658.9  | 656.3  | 654.3  | 650.1  | 644.5  | 638.2  | 631.5 | 625.0 | 619.6 |
| 170°   | 642.4  | 644.7  | 645.9  | 642.4  | 641.2  | 638.9  | 634.3  | 630.8  | 625.0 | 620.3 | 616.8 |
| 172.5° | 630.3  | 631.7  | 632.9  | 631.3  | 630.1  | 628.7  | 625.0  | 622.4  | 618.5 | 614.8 | 613.1 |
| 175°   | 614.5  | 616.8  | 618.0  | 616.8  | 616.8  | 615.7  | 614.5  | 613.4  | 609.9 | 608.7 | 607.6 |
| 177.5° | 605.0  | 606.9  | 607.8  | 607.8  | 607.8  | 607.8  | 606.9  | 606.9  | 605.0 | 604.1 | 605.0 |
| 180°   | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1 | 604.1 | 604.1 |



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CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 |
| 2.5°   | 2046.2 | 2041.3 | 2038.2 | 2027.2 | 2017.3 | 2007.5 | 2004.5 | 2005.7 | 1992.2 | 1979.3 | 1973.8 |
| 5°     | 2125.9 | 2110.5 | 2096.0 | 2075.3 | 2050.8 | 2023.9 | 2010.1 | 1999.4 | 1972.6 | 1943.5 | 1926.6 |
| 7.5°   | 2197.3 | 2175.4 | 2147.3 | 2108.4 | 2072.7 | 2030.5 | 2003.7 | 1979.9 | 1940.7 | 1899.6 | 1874.5 |
| 10°    | 2240.8 | 2210.9 | 2174.9 | 2127.4 | 2083.7 | 2032.4 | 1996.3 | 1960.3 | 1914.3 | 1865.3 | 1834.6 |
| 12.5°  | 2278.2 | 2237.9 | 2202.5 | 2141.5 | 2089.8 | 2025.6 | 1982.9 | 1932.1 | 1883.7 | 1825.4 | 1795.4 |
| 15°    | 2367.3 | 2292.9 | 2225.5 | 2156.5 | 2092.9 | 2003.2 | 1955.7 | 1887.5 | 1823.9 | 1751.9 | 1717.4 |
| 17.5°  | 2436.1 | 2352.5 | 2246.3 | 2158.7 | 2084.5 | 1985.2 | 1915.4 | 1833.7 | 1758.5 | 1676.2 | 1629.3 |
| 20°    | 2475.3 | 2379.5 | 2265.3 | 2161.1 | 2072.2 | 1958.8 | 1882.9 | 1799.4 | 1711.3 | 1618.5 | 1568.0 |
| 22.5°  | 2498.6 | 2397.9 | 2285.0 | 2151.9 | 2047.7 | 1937.3 | 1841.8 | 1750.3 | 1661.0 | 1560.9 | 1507.9 |
| 25°    | 2506.0 | 2414.0 | 2294.5 | 2144.3 | 2017.0 | 1892.1 | 1777.2 | 1688.3 | 1580.2 | 1486.7 | 1409.3 |
| 27.5°  | 2469.5 | 2403.6 | 2288.6 | 2129.8 | 1981.6 | 1835.6 | 1707.4 | 1606.7 | 1492.7 | 1391.2 | 1313.4 |
| 30°    | 2424.7 | 2386.4 | 2274.5 | 2115.1 | 1953.4 | 1796.3 | 1655.3 | 1541.1 | 1427.7 | 1325.0 | 1245.3 |
| 32.5°  | 2355.5 | 2347.2 | 2248.8 | 2094.3 | 1923.4 | 1746.7 | 1600.8 | 1485.3 | 1359.7 | 1258.8 | 1182.8 |
| 35°    | 2219.4 | 2256.1 | 2194.1 | 2047.7 | 1866.8 | 1676.0 | 1518.1 | 1386.3 | 1256.1 | 1159.5 | 1088.2 |
| 37.5°  | 2037.0 | 2128.3 | 2112.1 | 1979.5 | 1790.5 | 1599.1 | 1424.8 | 1287.0 | 1162.9 | 1065.4 | 995.5  |
| 40°    | 1911.3 | 2027.8 | 2044.6 | 1927.4 | 1736.6 | 1539.6 | 1354.9 | 1217.7 | 1096.6 | 1007.8 | 937.2  |
| 42.5°  | 1776.4 | 1912.5 | 1958.8 | 1864.8 | 1677.7 | 1477.1 | 1292.4 | 1150.3 | 1030.4 | 944.0  | 881.5  |
| 45°    | 1550.3 | 1730.4 | 1814.0 | 1760.3 | 1579.5 | 1374.1 | 1184.0 | 1039.9 | 931.1  | 849.9  | 801.6  |
| 47.5°  | 1339.0 | 1535.8 | 1648.1 | 1629.1 | 1470.2 | 1266.8 | 1078.9 | 940.6  | 834.7  | 769.9  | 726.7  |
| 50°    | 1189.4 | 1391.7 | 1527.3 | 1533.5 | 1391.7 | 1190.1 | 1001.6 | 871.3  | 774.0  | 713.5  | 678.2  |
| 52.5°  | 1059.4 | 1252.5 | 1400.4 | 1432.9 | 1304.0 | 1110.4 | 932.3  | 802.7  | 717.0  | 661.4  | 629.8  |
| 55°    | 889.7  | 1053.0 | 1217.0 | 1276.7 | 1173.3 | 989.4  | 824.6  | 710.4  | 629.9  | 591.6  | 564.0  |
| 57.5°  | 739.7  | 875.8  | 1027.2 | 1093.3 | 1029.5 | 872.1  | 717.6  | 618.4  | 553.2  | 519.6  | 498.4  |
| 60°    | 660.6  | 767.9  | 902.8  | 981.7  | 926.5  | 786.3  | 651.4  | 557.1  | 503.5  | 473.6  | 453.7  |
| 62.5°  | 587.0  | 682.1  | 796.1  | 868.3  | 838.2  | 706.0  | 585.2  | 502.0  | 455.7  | 427.6  | 413.2  |
| 65°    | 484.3  | 559.4  | 647.6  | 714.2  | 694.3  | 593.9  | 495.1  | 423.8  | 387.0  | 364.8  | 353.3  |
| 67.5°  | 398.8  | 453.1  | 514.2  | 572.6  | 556.5  | 485.4  | 406.0  | 350.5  | 323.1  | 303.9  | 297.0  |
| 70°    | 344.9  | 386.2  | 440.7  | 487.4  | 474.4  | 416.1  | 353.3  | 305.8  | 282.0  | 265.9  | 259.0  |
| 72.5°  | 293.4  | 327.4  | 368.9  | 407.1  | 398.3  | 349.9  | 297.5  | 261.6  | 243.4  | 228.5  | 222.9  |
| 75°    | 221.5  | 247.5  | 272.8  | 298.1  | 295.8  | 258.3  | 227.6  | 200.0  | 185.5  | 174.0  | 171.7  |
| 77.5°  | 163.5  | 178.1  | 195.3  | 210.3  | 206.1  | 184.7  | 160.6  | 144.8  | 134.1  | 126.4  | 125.2  |
| 80°    | 124.9  | 133.3  | 145.6  | 156.3  | 151.0  | 141.8  | 122.6  | 111.1  | 103.5  | 95.8   | 92.7   |
| 82.5°  | 90.6   | 99.0   | 106.4  | 112.2  | 108.1  | 99.5   | 87.7   | 79.9   | 75.3   | 70.0   | 68.8   |
| 85°    | 47.5   | 52.1   | 55.2   | 56.7   | 55.2   | 49.8   | 44.4   | 41.4   | 37.6   | 35.3   | 34.5   |
| 87.5°  | 24.7   | 23.0   | 21.9   | 22.4   | 20.1   | 19.6   | 16.3   | 13.7   | 13.8   | 14.1   | 13.4   |
| 90°    | 31.4   | 23.2   | 17.4   | 13.9   | 11.6   | 9.3    | 4.6    | 1.2    | 4.6    | 9.3    | 11.6   |
| 92.5°  | 115.9  | 79.0   | 52.7   | 41.8   | 33.9   | 28.8   | 20.4   | 14.2   | 20.4   | 28.8   | 33.9   |
| 95°    | 268.3  | 167.3  | 113.8  | 86.0   | 67.4   | 56.9   | 45.3   | 40.7   | 45.3   | 56.9   | 67.4   |
| 97.5°  | 361.5  | 220.7  | 153.6  | 122.0  | 100.6  | 84.8   | 72.5   | 66.2   | 72.5   | 84.8   | 100.6  |
| 100°   | 381.0  | 239.3  | 177.7  | 145.2  | 122.0  | 103.4  | 92.9   | 89.4   | 92.9   | 103.4  | 122.0  |
| 102.5° | 382.0  | 256.0  | 199.1  | 166.6  | 142.4  | 123.8  | 113.4  | 110.8  | 113.4  | 123.8  | 142.4  |
| 105°   | 388.0  | 284.6  | 230.0  | 197.5  | 171.9  | 154.5  | 146.4  | 141.7  | 146.4  | 154.5  | 171.9  |
| 107.5° | 404.0  | 313.9  | 260.9  | 228.2  | 202.8  | 186.8  | 178.9  | 175.2  | 178.9  | 186.8  | 202.8  |
| 110°   | 417.0  | 333.4  | 282.3  | 248.6  | 224.2  | 209.1  | 202.1  | 197.5  | 202.1  | 209.1  | 224.2  |





TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 431.0 | 352.0 | 302.7 | 268.1 | 244.6 | 230.5 | 222.6 | 217.9 | 222.6 | 230.5 | 244.6 |
| 115°   | 451.9 | 381.0 | 331.1 | 299.7 | 276.5 | 262.5 | 255.6 | 249.8 | 255.6 | 262.5 | 276.5 |
| 117.5° | 474.2 | 407.7 | 361.5 | 329.0 | 306.7 | 294.4 | 287.4 | 282.8 | 287.4 | 294.4 | 306.7 |
| 120°   | 489.1 | 426.3 | 381.0 | 348.5 | 325.3 | 314.8 | 307.8 | 303.2 | 307.8 | 314.8 | 325.3 |
| 122.5° | 502.1 | 444.0 | 401.5 | 368.0 | 344.8 | 333.4 | 326.4 | 322.7 | 326.4 | 333.4 | 344.8 |
| 125°   | 522.8 | 470.5 | 428.7 | 396.1 | 372.9 | 359.0 | 352.0 | 348.5 | 352.0 | 359.0 | 372.9 |
| 127.5° | 542.0 | 495.1 | 454.4 | 421.0 | 398.7 | 383.4 | 373.6 | 368.9 | 373.6 | 383.4 | 398.7 |
| 130°   | 554.1 | 510.0 | 469.3 | 436.8 | 413.6 | 397.3 | 385.7 | 381.0 | 385.7 | 397.3 | 413.6 |
| 132.5° | 566.2 | 523.0 | 484.2 | 451.7 | 427.5 | 410.3 | 397.8 | 392.2 | 397.8 | 410.3 | 427.5 |
| 135°   | 582.0 | 541.3 | 504.2 | 471.6 | 444.9 | 427.5 | 413.6 | 408.9 | 413.6 | 427.5 | 444.9 |
| 137.5° | 594.1 | 556.2 | 519.5 | 489.3 | 462.8 | 444.2 | 430.3 | 424.7 | 430.3 | 444.2 | 462.8 |
| 140°   | 600.6 | 564.6 | 529.7 | 499.5 | 474.0 | 455.4 | 441.4 | 436.8 | 441.4 | 455.4 | 474.0 |
| 142.5° | 606.2 | 571.1 | 537.2 | 508.8 | 484.2 | 465.6 | 452.6 | 448.9 | 452.6 | 465.6 | 484.2 |
| 145°   | 613.4 | 580.8 | 549.5 | 523.9 | 500.7 | 483.3 | 471.6 | 467.0 | 471.6 | 483.3 | 500.7 |
| 147.5° | 617.3 | 588.7 | 559.2 | 536.5 | 517.2 | 501.1 | 490.0 | 486.5 | 490.0 | 501.1 | 517.2 |
| 150°   | 619.2 | 592.5 | 565.7 | 544.8 | 527.4 | 512.3 | 503.0 | 499.5 | 503.0 | 512.3 | 527.4 |
| 152.5° | 620.1 | 596.2 | 572.2 | 553.2 | 536.7 | 523.4 | 514.2 | 512.5 | 514.2 | 523.4 | 536.7 |
| 155°   | 621.5 | 601.7 | 582.0 | 564.6 | 551.8 | 539.0 | 532.0 | 530.9 | 532.0 | 539.0 | 551.8 |
| 157.5° | 621.5 | 605.7 | 589.0 | 574.3 | 564.1 | 553.0 | 547.4 | 546.2 | 547.4 | 553.0 | 564.1 |
| 160°   | 621.5 | 607.6 | 593.6 | 580.8 | 571.5 | 562.2 | 557.6 | 556.4 | 557.6 | 562.2 | 571.5 |
| 162.5° | 620.6 | 608.5 | 596.4 | 586.4 | 578.0 | 570.6 | 566.0 | 566.7 | 566.0 | 570.6 | 578.0 |
| 165°   | 618.0 | 609.9 | 599.4 | 592.5 | 586.6 | 579.7 | 577.4 | 578.5 | 577.4 | 579.7 | 586.6 |
| 167.5° | 616.4 | 609.6 | 602.0 | 597.6 | 593.4 | 589.0 | 586.9 | 588.3 | 586.9 | 589.0 | 593.4 |
| 170°   | 614.5 | 608.7 | 602.9 | 599.4 | 597.1 | 593.6 | 592.5 | 594.8 | 592.5 | 593.6 | 597.1 |
| 172.5° | 611.7 | 607.8 | 603.8 | 601.3 | 599.9 | 596.4 | 597.1 | 598.5 | 597.1 | 596.4 | 599.9 |
| 175°   | 608.7 | 606.4 | 604.1 | 602.9 | 602.9 | 600.6 | 601.7 | 602.9 | 601.7 | 600.6 | 602.9 |
| 177.5° | 606.9 | 605.0 | 604.1 | 604.1 | 604.1 | 602.2 | 603.1 | 605.0 | 603.1 | 602.2 | 604.1 |
| 180°   | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 |



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 |
| 2.5°   | 1967.7 | 1964.0 | 1951.1 | 1944.4 | 1933.4 | 1922.9 | 1916.2 | 1919.3 | 1921.7 | 1920.5 | 1918.6 |
| 5°     | 1911.3 | 1896.7 | 1874.5 | 1855.3 | 1841.5 | 1816.3 | 1805.5 | 1800.2 | 1795.6 | 1790.2 | 1784.8 |
| 7.5°   | 1844.1 | 1821.2 | 1789.3 | 1762.0 | 1736.2 | 1704.8 | 1686.9 | 1676.2 | 1665.1 | 1653.0 | 1642.3 |
| 10°    | 1796.3 | 1764.1 | 1730.4 | 1692.1 | 1661.5 | 1633.1 | 1607.8 | 1590.9 | 1575.6 | 1561.1 | 1550.3 |
| 12.5°  | 1746.1 | 1709.0 | 1667.3 | 1614.9 | 1581.1 | 1540.5 | 1536.7 | 1507.0 | 1483.0 | 1474.0 | 1461.4 |
| 15°    | 1666.0 | 1613.9 | 1561.1 | 1499.0 | 1472.2 | 1435.4 | 1412.4 | 1389.4 | 1368.7 | 1354.1 | 1350.3 |
| 17.5°  | 1575.2 | 1507.7 | 1455.1 | 1410.5 | 1366.6 | 1328.9 | 1307.7 | 1289.3 | 1272.3 | 1252.8 | 1250.2 |
| 20°    | 1505.9 | 1447.6 | 1390.2 | 1351.1 | 1305.9 | 1267.5 | 1241.5 | 1223.1 | 1208.5 | 1197.0 | 1187.1 |
| 22.5°  | 1440.3 | 1376.5 | 1323.9 | 1281.2 | 1236.6 | 1205.6 | 1185.1 | 1167.3 | 1155.2 | 1142.5 | 1133.1 |
| 25°    | 1335.0 | 1285.2 | 1227.7 | 1179.4 | 1142.6 | 1122.7 | 1105.8 | 1090.5 | 1082.9 | 1074.4 | 1063.7 |
| 27.5°  | 1242.9 | 1187.5 | 1133.7 | 1096.3 | 1064.0 | 1046.4 | 1034.4 | 1024.0 | 1016.8 | 1011.9 | 1005.8 |
| 30°    | 1177.9 | 1121.9 | 1079.8 | 1043.0 | 1016.2 | 998.6  | 990.9  | 984.8  | 976.3  | 973.3  | 970.2  |
| 32.5°  | 1115.3 | 1064.9 | 1028.9 | 997.0  | 971.4  | 959.9  | 952.9  | 947.4  | 940.8  | 937.7  | 931.6  |
| 35°    | 1026.9 | 984.8  | 949.5  | 931.9  | 911.2  | 901.2  | 895.9  | 888.2  | 882.1  | 879.0  | 878.2  |
| 37.5°  | 943.7  | 907.1  | 883.9  | 861.2  | 852.5  | 846.4  | 839.0  | 833.8  | 832.0  | 831.5  | 830.7  |
| 40°    | 889.7  | 859.8  | 839.2  | 820.8  | 816.9  | 807.7  | 801.6  | 797.0  | 797.0  | 797.8  | 797.0  |
| 42.5°  | 840.7  | 813.9  | 795.6  | 779.7  | 775.2  | 769.7  | 763.6  | 763.3  | 764.5  | 767.1  | 764.5  |
| 45°    | 766.4  | 747.2  | 734.2  | 726.5  | 718.1  | 712.7  | 711.9  | 714.2  | 715.0  | 715.8  | 718.1  |
| 47.5°  | 698.0  | 685.3  | 673.5  | 665.0  | 661.4  | 660.4  | 659.5  | 663.5  | 667.2  | 668.6  | 672.1  |
| 50°    | 657.5  | 643.0  | 633.0  | 627.6  | 624.6  | 623.0  | 624.6  | 629.2  | 632.2  | 636.1  | 638.4  |
| 52.5°  | 612.2  | 601.9  | 595.0  | 590.9  | 589.6  | 590.6  | 590.9  | 596.1  | 601.0  | 602.4  | 603.4  |
| 55°    | 549.5  | 541.8  | 540.3  | 533.4  | 536.4  | 535.7  | 539.5  | 542.6  | 547.2  | 551.8  | 552.5  |
| 57.5°  | 486.9  | 480.8  | 476.7  | 477.3  | 478.2  | 481.6  | 484.8  | 490.2  | 495.1  | 500.0  | 500.4  |
| 60°    | 445.3  | 442.2  | 439.9  | 439.9  | 441.4  | 446.0  | 449.8  | 455.2  | 458.3  | 461.3  | 463.6  |
| 62.5°  | 407.2  | 404.2  | 401.9  | 403.1  | 407.1  | 409.8  | 414.3  | 417.2  | 420.3  | 423.3  | 424.4  |
| 65°    | 347.2  | 345.6  | 347.9  | 349.5  | 350.2  | 354.1  | 359.4  | 361.7  | 364.8  | 366.3  | 371.7  |
| 67.5°  | 291.8  | 292.1  | 291.8  | 294.0  | 298.4  | 299.3  | 304.4  | 309.8  | 310.4  | 313.3  | 316.8  |
| 70°    | 254.4  | 256.0  | 257.5  | 259.0  | 262.9  | 264.4  | 268.2  | 270.5  | 273.6  | 275.9  | 278.2  |
| 72.5°  | 220.1  | 220.4  | 221.9  | 221.6  | 224.8  | 228.2  | 231.4  | 233.7  | 236.8  | 239.7  | 242.0  |
| 75°    | 169.4  | 169.4  | 170.9  | 171.7  | 175.5  | 179.3  | 178.6  | 180.1  | 183.2  | 186.2  | 187.8  |
| 77.5°  | 123.7  | 122.0  | 123.7  | 124.5  | 125.7  | 128.9  | 129.5  | 131.7  | 135.2  | 134.1  | 135.8  |
| 80°    | 94.3   | 92.0   | 94.3   | 95.0   | 95.0   | 98.9   | 98.9   | 100.4  | 102.7  | 100.4  | 102.7  |
| 82.5°  | 67.3   | 66.2   | 67.9   | 68.1   | 69.3   | 69.4   | 70.7   | 71.0   | 73.3   | 72.2   | 73.3   |
| 85°    | 33.7   | 33.0   | 33.7   | 33.0   | 33.7   | 34.5   | 34.5   | 33.7   | 33.7   | 35.3   | 33.0   |
| 87.5°  | 13.2   | 13.3   | 13.8   | 15.5   | 16.3   | 15.9   | 15.0   | 14.8   | 14.3   | 13.6   | 13.8   |
| 90°    | 13.9   | 17.4   | 23.2   | 31.4   | 38.3   | 39.5   | 38.3   | 37.2   | 34.9   | 37.2   | 38.3   |
| 92.5°  | 41.8   | 52.7   | 79.0   | 115.9  | 148.9  | 151.0  | 127.6  | 101.3  | 86.9   | 77.1   | 69.9   |
| 95°    | 86.0   | 113.8  | 167.3  | 268.3  | 403.1  | 455.4  | 398.5  | 304.4  | 233.5  | 184.7  | 159.1  |
| 97.5°  | 122.0  | 153.6  | 220.7  | 361.5  | 585.5  | 777.4  | 815.5  | 710.2  | 581.1  | 455.4  | 371.5  |
| 100°   | 145.2  | 177.7  | 239.3  | 381.0  | 631.9  | 917.7  | 1085.0 | 1060.6 | 916.6  | 757.4  | 616.8  |
| 102.5° | 166.6  | 199.1  | 256.0  | 382.0  | 614.3  | 922.4  | 1185.4 | 1290.2 | 1257.6 | 1141.2 | 992.3  |
| 105°   | 197.5  | 230.0  | 284.6  | 388.0  | 579.7  | 860.8  | 1169.8 | 1411.4 | 1542.7 | 1557.8 | 1519.5 |
| 107.5° | 228.2  | 260.9  | 313.9  | 404.0  | 562.5  | 794.8  | 1067.8 | 1324.1 | 1521.8 | 1642.6 | 1698.8 |
| 110°   | 248.6  | 282.3  | 333.4  | 417.0  | 558.8  | 763.2  | 1003.7 | 1248.8 | 1456.7 | 1605.4 | 1700.7 |



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°   | 150°   | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 268.1 | 302.7 | 352.0 | 431.0 | 559.7 | 742.8 | 959.1 | 1180.0 | 1379.6 | 1538.5 | 1647.7 |
| 115°   | 299.7 | 331.1 | 381.0 | 451.9 | 564.6 | 720.2 | 903.8 | 1095.5 | 1274.4 | 1426.5 | 1546.2 |
| 117.5° | 329.0 | 361.5 | 407.7 | 474.2 | 572.9 | 709.3 | 868.9 | 1031.8 | 1188.9 | 1326.9 | 1439.1 |
| 120°   | 348.5 | 381.0 | 426.3 | 489.1 | 578.5 | 702.8 | 850.3 | 1000.2 | 1144.2 | 1267.4 | 1373.1 |
| 122.5° | 368.0 | 401.5 | 444.0 | 502.1 | 585.0 | 699.1 | 834.5 | 975.1  | 1107.1 | 1223.7 | 1319.2 |
| 125°   | 396.1 | 428.7 | 470.5 | 522.8 | 594.8 | 692.4 | 812.0 | 938.6  | 1058.3 | 1160.5 | 1247.6 |
| 127.5° | 421.0 | 454.4 | 495.1 | 542.0 | 604.8 | 688.4 | 791.1 | 902.6  | 1010.9 | 1107.3 | 1187.7 |
| 130°   | 436.8 | 469.3 | 510.0 | 554.1 | 612.2 | 686.5 | 777.2 | 879.4  | 979.3  | 1071.1 | 1147.7 |
| 132.5° | 451.7 | 484.2 | 523.0 | 566.2 | 619.6 | 685.6 | 766.0 | 857.1  | 949.6  | 1033.9 | 1105.9 |
| 135°   | 471.6 | 504.2 | 541.3 | 582.0 | 628.5 | 684.2 | 750.4 | 825.9  | 902.6  | 979.3  | 1044.3 |
| 137.5° | 489.3 | 519.5 | 556.2 | 594.1 | 636.4 | 684.0 | 739.5 | 801.1  | 865.2  | 926.1  | 982.8  |
| 140°   | 499.5 | 529.7 | 564.6 | 600.6 | 640.1 | 683.1 | 733.0 | 785.3  | 841.1  | 894.5  | 945.6  |
| 142.5° | 508.8 | 537.2 | 571.1 | 606.2 | 642.9 | 683.1 | 726.5 | 772.3  | 819.7  | 865.7  | 908.4  |
| 145°   | 523.9 | 549.5 | 580.8 | 613.4 | 645.9 | 680.7 | 717.9 | 753.9  | 792.3  | 828.3  | 862.0  |
| 147.5° | 536.5 | 559.2 | 588.7 | 617.3 | 646.8 | 676.6 | 709.1 | 739.8  | 770.0  | 798.1  | 822.7  |
| 150°   | 544.8 | 565.7 | 592.5 | 619.2 | 645.9 | 673.8 | 701.6 | 729.5  | 755.1  | 779.5  | 800.4  |
| 152.5° | 553.2 | 572.2 | 596.2 | 620.1 | 644.0 | 669.1 | 695.1 | 719.3  | 743.0  | 763.7  | 781.8  |
| 155°   | 564.6 | 582.0 | 601.7 | 621.5 | 641.2 | 661.0 | 683.1 | 705.1  | 723.7  | 741.1  | 753.9  |
| 157.5° | 574.3 | 589.0 | 605.7 | 621.5 | 635.9 | 652.6 | 671.7 | 688.6  | 704.2  | 718.8  | 728.8  |
| 160°   | 580.8 | 593.6 | 607.6 | 621.5 | 633.1 | 647.1 | 663.3 | 678.4  | 691.2  | 704.0  | 712.1  |
| 162.5° | 586.4 | 596.4 | 608.5 | 620.6 | 630.3 | 642.4 | 655.9 | 668.2  | 679.1  | 690.0  | 696.3  |
| 165°   | 592.5 | 599.4 | 609.9 | 618.0 | 625.0 | 633.1 | 643.6 | 652.9  | 661.0  | 669.1  | 673.8  |
| 167.5° | 597.6 | 602.0 | 609.6 | 616.4 | 619.6 | 625.0 | 631.5 | 638.2  | 644.5  | 650.1  | 654.3  |
| 170°   | 599.4 | 602.9 | 608.7 | 614.5 | 616.8 | 620.3 | 625.0 | 630.8  | 634.3  | 638.9  | 641.2  |
| 172.5° | 601.3 | 603.8 | 607.8 | 611.7 | 613.1 | 614.8 | 618.5 | 622.4  | 625.0  | 628.7  | 630.1  |
| 175°   | 602.9 | 604.1 | 606.4 | 608.7 | 607.6 | 608.7 | 609.9 | 613.4  | 614.5  | 615.7  | 616.8  |
| 177.5° | 604.1 | 604.1 | 605.0 | 606.9 | 605.0 | 604.1 | 605.0 | 606.9  | 606.9  | 607.8  | 607.8  |
| 180°   | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1  | 604.1  | 604.1  | 604.1  |



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 |
| 2.5°   | 1912.5 | 1911.3 | 1911.3 | 1905.8 | 1911.3 | 1911.3 | 1912.5 | 1918.6 | 1920.5 | 1921.7 | 1919.3 |
| 5°     | 1774.1 | 1771.8 | 1768.0 | 1771.8 | 1768.0 | 1771.8 | 1774.1 | 1784.8 | 1790.2 | 1795.6 | 1800.2 |
| 7.5°   | 1637.2 | 1628.0 | 1626.7 | 1617.6 | 1626.7 | 1628.0 | 1637.2 | 1642.3 | 1653.0 | 1665.1 | 1676.2 |
| 10°    | 1537.3 | 1531.2 | 1530.4 | 1515.8 | 1530.4 | 1531.2 | 1537.3 | 1550.3 | 1561.1 | 1575.6 | 1590.9 |
| 12.5°  | 1461.3 | 1446.6 | 1449.5 | 1441.0 | 1449.5 | 1446.6 | 1461.3 | 1461.4 | 1474.0 | 1483.0 | 1507.0 |
| 15°    | 1329.6 | 1329.6 | 1326.6 | 1313.5 | 1326.6 | 1329.6 | 1329.6 | 1350.3 | 1354.1 | 1368.7 | 1389.4 |
| 17.5°  | 1235.1 | 1233.5 | 1226.2 | 1229.8 | 1226.2 | 1233.5 | 1235.1 | 1250.2 | 1252.8 | 1272.3 | 1289.3 |
| 20°    | 1178.6 | 1174.1 | 1164.9 | 1164.9 | 1164.9 | 1174.1 | 1178.6 | 1187.1 | 1197.0 | 1208.5 | 1223.1 |
| 22.5°  | 1125.3 | 1125.0 | 1115.2 | 1118.3 | 1115.2 | 1125.0 | 1125.3 | 1133.1 | 1142.5 | 1155.2 | 1167.3 |
| 25°    | 1062.9 | 1056.8 | 1052.2 | 1054.5 | 1052.2 | 1056.8 | 1062.9 | 1063.7 | 1074.4 | 1082.9 | 1090.5 |
| 27.5°  | 1003.8 | 1000.4 | 1000.1 | 993.8  | 1000.1 | 1000.4 | 1003.8 | 1005.8 | 1011.9 | 1016.8 | 1024.0 |
| 30°    | 969.4  | 961.8  | 963.3  | 959.5  | 963.3  | 961.8  | 969.4  | 970.2  | 973.3  | 976.3  | 984.8  |
| 32.5°  | 930.2  | 927.4  | 925.9  | 922.7  | 925.9  | 927.4  | 930.2  | 931.6  | 937.7  | 940.8  | 947.4  |
| 35°    | 876.7  | 877.5  | 873.6  | 875.2  | 873.6  | 877.5  | 876.7  | 878.2  | 879.0  | 882.1  | 888.2  |
| 37.5°  | 830.0  | 832.4  | 830.6  | 831.0  | 830.6  | 832.4  | 830.0  | 830.7  | 831.5  | 832.0  | 833.8  |
| 40°    | 799.3  | 799.3  | 799.3  | 801.6  | 799.3  | 799.3  | 799.3  | 797.0  | 797.8  | 797.0  | 797.0  |
| 42.5°  | 769.9  | 768.7  | 767.4  | 767.3  | 767.4  | 768.7  | 769.9  | 764.5  | 767.1  | 764.5  | 763.3  |
| 45°    | 719.6  | 721.9  | 722.7  | 718.8  | 722.7  | 721.9  | 719.6  | 718.1  | 715.8  | 715.0  | 714.2  |
| 47.5°  | 674.1  | 674.4  | 674.1  | 677.5  | 674.1  | 674.4  | 674.1  | 672.1  | 668.6  | 667.2  | 663.5  |
| 50°    | 642.2  | 640.7  | 642.2  | 640.7  | 642.2  | 640.7  | 642.2  | 638.4  | 636.1  | 632.2  | 629.2  |
| 52.5°  | 608.5  | 608.8  | 607.9  | 607.6  | 607.9  | 608.8  | 608.5  | 603.4  | 602.4  | 601.0  | 596.1  |
| 55°    | 555.6  | 557.1  | 556.4  | 556.4  | 556.4  | 557.1  | 555.6  | 552.5  | 551.8  | 547.2  | 542.6  |
| 57.5°  | 500.9  | 502.3  | 503.3  | 500.0  | 503.3  | 502.3  | 500.9  | 500.4  | 500.0  | 495.1  | 490.2  |
| 60°    | 462.9  | 466.7  | 465.9  | 464.4  | 465.9  | 466.7  | 462.9  | 463.6  | 461.3  | 458.3  | 455.2  |
| 62.5°  | 427.9  | 429.3  | 429.2  | 428.9  | 429.2  | 429.3  | 427.9  | 424.4  | 423.3  | 420.3  | 417.2  |
| 65°    | 374.0  | 375.5  | 373.2  | 375.5  | 373.2  | 375.5  | 374.0  | 371.7  | 366.3  | 364.8  | 361.7  |
| 67.5°  | 315.9  | 316.4  | 318.0  | 319.1  | 318.0  | 316.4  | 315.9  | 316.8  | 313.3  | 310.4  | 309.8  |
| 70°    | 279.7  | 279.0  | 281.3  | 283.6  | 281.3  | 279.0  | 279.7  | 278.2  | 275.9  | 273.6  | 270.5  |
| 72.5°  | 241.7  | 243.4  | 242.6  | 244.3  | 242.6  | 243.4  | 241.7  | 242.0  | 239.7  | 236.8  | 233.7  |
| 75°    | 186.2  | 188.5  | 187.8  | 190.1  | 187.8  | 188.5  | 186.2  | 187.8  | 186.2  | 183.2  | 180.1  |
| 77.5°  | 134.6  | 134.9  | 134.6  | 135.8  | 134.6  | 134.9  | 134.6  | 135.8  | 134.1  | 135.2  | 131.7  |
| 80°    | 102.7  | 101.2  | 99.6   | 102.7  | 99.6   | 101.2  | 102.7  | 102.7  | 100.4  | 102.7  | 100.4  |
| 82.5°  | 71.4   | 72.3   | 70.8   | 70.8   | 70.8   | 72.3   | 71.4   | 73.3   | 72.2   | 73.3   | 71.0   |
| 85°    | 33.0   | 32.2   | 30.7   | 30.7   | 30.7   | 32.2   | 33.0   | 33.0   | 35.3   | 33.7   | 33.7   |
| 87.5°  | 13.8   | 13.2   | 13.2   | 12.6   | 13.2   | 13.2   | 13.8   | 13.8   | 13.6   | 14.3   | 14.8   |
| 90°    | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 37.2   | 34.9   | 37.2   |
| 92.5°  | 69.0   | 65.3   | 66.2   | 64.4   | 66.2   | 65.3   | 69.0   | 69.9   | 77.1   | 86.9   | 101.3  |
| 95°    | 144.0  | 134.8  | 131.3  | 132.4  | 131.3  | 134.8  | 144.0  | 159.1  | 184.7  | 233.5  | 304.4  |
| 97.5°  | 316.0  | 287.4  | 270.4  | 260.7  | 270.4  | 287.4  | 316.0  | 371.5  | 455.4  | 581.1  | 710.2  |
| 100°   | 520.4  | 470.5  | 436.8  | 415.9  | 436.8  | 470.5  | 520.4  | 616.8  | 757.4  | 916.6  | 1060.6 |
| 102.5° | 887.5  | 802.3  | 760.2  | 731.9  | 760.2  | 802.3  | 887.5  | 992.3  | 1141.2 | 1257.6 | 1290.2 |
| 105°   | 1447.4 | 1375.4 | 1325.5 | 1309.2 | 1325.5 | 1375.4 | 1447.4 | 1519.5 | 1557.8 | 1542.7 | 1411.4 |
| 107.5° | 1707.9 | 1703.9 | 1693.9 | 1672.3 | 1693.9 | 1703.9 | 1707.9 | 1698.8 | 1642.6 | 1521.8 | 1324.1 |
| 110°   | 1750.6 | 1772.7 | 1783.2 | 1782.0 | 1783.2 | 1772.7 | 1750.6 | 1700.7 | 1605.4 | 1456.7 | 1248.8 |



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1717.2 | 1754.1 | 1773.9 | 1780.1 | 1773.9 | 1754.1 | 1717.2 | 1647.7 | 1538.5 | 1379.6 | 1180.0 |
| 115°   | 1628.7 | 1682.1 | 1712.3 | 1722.8 | 1712.3 | 1682.1 | 1628.7 | 1546.2 | 1426.5 | 1274.4 | 1095.5 |
| 117.5° | 1523.2 | 1579.6 | 1611.5 | 1620.3 | 1611.5 | 1579.6 | 1523.2 | 1439.1 | 1326.9 | 1188.9 | 1031.8 |
| 120°   | 1454.4 | 1509.0 | 1542.7 | 1554.3 | 1542.7 | 1509.0 | 1454.4 | 1373.1 | 1267.4 | 1144.2 | 1000.2 |
| 122.5° | 1392.1 | 1445.8 | 1475.8 | 1485.5 | 1475.8 | 1445.8 | 1392.1 | 1319.2 | 1223.7 | 1107.1 | 975.1  |
| 125°   | 1315.0 | 1359.2 | 1388.2 | 1397.5 | 1388.2 | 1359.2 | 1315.0 | 1247.6 | 1160.5 | 1058.3 | 938.6  |
| 127.5° | 1246.5 | 1287.8 | 1312.9 | 1320.4 | 1312.9 | 1287.8 | 1246.5 | 1187.7 | 1107.3 | 1010.9 | 902.6  |
| 130°   | 1204.7 | 1244.2 | 1267.4 | 1276.7 | 1267.4 | 1244.2 | 1204.7 | 1147.7 | 1071.1 | 979.3  | 879.4  |
| 132.5° | 1161.9 | 1201.4 | 1222.8 | 1231.1 | 1222.8 | 1201.4 | 1161.9 | 1105.9 | 1033.9 | 949.6  | 857.1  |
| 135°   | 1094.3 | 1132.6 | 1153.5 | 1158.2 | 1153.5 | 1132.6 | 1094.3 | 1044.3 | 979.3  | 902.6  | 825.9  |
| 137.5° | 1028.3 | 1061.3 | 1079.7 | 1086.6 | 1079.7 | 1061.3 | 1028.3 | 982.8  | 926.1  | 865.2  | 801.1  |
| 140°   | 982.8  | 1013.0 | 1030.4 | 1037.4 | 1030.4 | 1013.0 | 982.8  | 945.6  | 894.5  | 841.1  | 785.3  |
| 142.5° | 943.7  | 971.2  | 986.7  | 988.1  | 986.7  | 971.2  | 943.7  | 908.4  | 865.7  | 819.7  | 772.3  |
| 145°   | 889.8  | 909.6  | 921.2  | 924.7  | 921.2  | 909.6  | 889.8  | 862.0  | 828.3  | 792.3  | 753.9  |
| 147.5° | 845.7  | 861.5  | 869.4  | 871.5  | 869.4  | 861.5  | 845.7  | 822.7  | 798.1  | 770.0  | 739.8  |
| 150°   | 817.8  | 831.8  | 838.7  | 839.9  | 838.7  | 831.8  | 817.8  | 800.4  | 779.5  | 755.1  | 729.5  |
| 152.5° | 795.5  | 807.6  | 812.7  | 812.9  | 812.7  | 807.6  | 795.5  | 781.8  | 763.7  | 743.0  | 719.3  |
| 155°   | 766.7  | 774.8  | 779.5  | 777.2  | 779.5  | 774.8  | 766.7  | 753.9  | 741.1  | 723.7  | 705.1  |
| 157.5° | 737.9  | 744.6  | 746.7  | 746.7  | 746.7  | 744.6  | 737.9  | 728.8  | 718.8  | 704.2  | 688.6  |
| 160°   | 720.2  | 726.0  | 727.2  | 727.2  | 727.2  | 726.0  | 720.2  | 712.1  | 704.0  | 691.2  | 678.4  |
| 162.5° | 704.4  | 708.4  | 709.5  | 708.6  | 709.5  | 708.4  | 704.4  | 696.3  | 690.0  | 679.1  | 668.2  |
| 165°   | 678.4  | 683.1  | 683.1  | 681.9  | 683.1  | 683.1  | 678.4  | 673.8  | 669.1  | 661.0  | 652.9  |
| 167.5° | 656.3  | 658.9  | 658.7  | 657.3  | 658.7  | 658.9  | 656.3  | 654.3  | 650.1  | 644.5  | 638.2  |
| 170°   | 642.4  | 645.9  | 644.7  | 642.4  | 644.7  | 645.9  | 642.4  | 641.2  | 638.9  | 634.3  | 630.8  |
| 172.5° | 631.3  | 632.9  | 631.7  | 630.3  | 631.7  | 632.9  | 631.3  | 630.1  | 628.7  | 625.0  | 622.4  |
| 175°   | 616.8  | 618.0  | 616.8  | 614.5  | 616.8  | 618.0  | 616.8  | 616.8  | 615.7  | 614.5  | 613.4  |
| 177.5° | 607.8  | 607.8  | 606.9  | 605.0  | 606.9  | 607.8  | 607.8  | 607.8  | 607.8  | 606.9  | 606.9  |
| 180°   | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  |



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 |
| 2.5°   | 1916.2 | 1922.9 | 1933.4 | 1944.4 | 1951.1 | 1964.0 | 1967.7 | 1973.8 | 1979.3 | 1992.2 | 2005.7 |
| 5°     | 1805.5 | 1816.3 | 1841.5 | 1855.3 | 1874.5 | 1896.7 | 1911.3 | 1926.6 | 1943.5 | 1972.6 | 1999.4 |
| 7.5°   | 1686.9 | 1704.8 | 1736.2 | 1762.0 | 1789.3 | 1821.2 | 1844.1 | 1874.5 | 1899.6 | 1940.7 | 1979.9 |
| 10°    | 1607.8 | 1633.1 | 1661.5 | 1692.1 | 1730.4 | 1764.1 | 1796.3 | 1834.6 | 1865.3 | 1914.3 | 1960.3 |
| 12.5°  | 1536.7 | 1540.5 | 1581.1 | 1614.9 | 1667.3 | 1709.0 | 1746.1 | 1795.4 | 1825.4 | 1883.7 | 1932.1 |
| 15°    | 1412.4 | 1435.4 | 1472.2 | 1499.0 | 1561.1 | 1613.9 | 1666.0 | 1717.4 | 1751.9 | 1823.9 | 1887.5 |
| 17.5°  | 1307.7 | 1328.9 | 1366.6 | 1410.5 | 1455.1 | 1507.7 | 1575.2 | 1629.3 | 1676.2 | 1758.5 | 1833.7 |
| 20°    | 1241.5 | 1267.5 | 1305.9 | 1351.1 | 1390.2 | 1447.6 | 1505.9 | 1568.0 | 1618.5 | 1711.3 | 1799.4 |
| 22.5°  | 1185.1 | 1205.6 | 1236.6 | 1281.2 | 1323.9 | 1376.5 | 1440.3 | 1507.9 | 1560.9 | 1661.0 | 1750.3 |
| 25°    | 1105.8 | 1122.7 | 1142.6 | 1179.4 | 1227.7 | 1285.2 | 1335.0 | 1409.3 | 1486.7 | 1580.2 | 1688.3 |
| 27.5°  | 1034.4 | 1046.4 | 1064.0 | 1096.3 | 1133.7 | 1187.5 | 1242.9 | 1313.4 | 1391.2 | 1492.7 | 1606.7 |
| 30°    | 990.9  | 998.6  | 1016.2 | 1043.0 | 1079.8 | 1121.9 | 1177.9 | 1245.3 | 1325.0 | 1427.7 | 1541.1 |
| 32.5°  | 952.9  | 959.9  | 971.4  | 997.0  | 1028.9 | 1064.9 | 1115.3 | 1182.8 | 1258.8 | 1359.7 | 1485.3 |
| 35°    | 895.9  | 901.2  | 911.2  | 931.9  | 949.5  | 984.8  | 1026.9 | 1088.2 | 1159.5 | 1256.1 | 1386.3 |
| 37.5°  | 839.0  | 846.4  | 852.5  | 861.2  | 883.9  | 907.1  | 943.7  | 995.5  | 1065.4 | 1162.9 | 1287.0 |
| 40°    | 801.6  | 807.7  | 816.9  | 820.8  | 839.2  | 859.8  | 889.7  | 937.2  | 1007.8 | 1096.6 | 1217.7 |
| 42.5°  | 763.6  | 769.7  | 775.2  | 779.7  | 795.6  | 813.9  | 840.7  | 881.5  | 944.0  | 1030.4 | 1150.3 |
| 45°    | 711.9  | 712.7  | 718.1  | 726.5  | 734.2  | 747.2  | 766.4  | 801.6  | 849.9  | 931.1  | 1039.9 |
| 47.5°  | 659.5  | 660.4  | 661.4  | 665.0  | 673.5  | 685.3  | 698.0  | 726.7  | 769.9  | 834.7  | 940.6  |
| 50°    | 624.6  | 623.0  | 624.6  | 627.6  | 633.0  | 643.0  | 657.5  | 678.2  | 713.5  | 774.0  | 871.3  |
| 52.5°  | 590.9  | 590.6  | 589.6  | 590.9  | 595.0  | 601.9  | 612.2  | 629.8  | 661.4  | 717.0  | 802.7  |
| 55°    | 539.5  | 535.7  | 536.4  | 533.4  | 540.3  | 541.8  | 549.5  | 564.0  | 591.6  | 629.9  | 710.4  |
| 57.5°  | 484.8  | 481.6  | 478.2  | 477.3  | 476.7  | 480.8  | 486.9  | 498.4  | 519.6  | 553.2  | 618.4  |
| 60°    | 449.8  | 446.0  | 441.4  | 439.9  | 439.9  | 442.2  | 445.3  | 453.7  | 473.6  | 503.5  | 557.1  |
| 62.5°  | 414.3  | 409.8  | 407.1  | 403.1  | 401.9  | 404.2  | 407.2  | 413.2  | 427.6  | 455.7  | 502.0  |
| 65°    | 359.4  | 354.1  | 350.2  | 349.5  | 347.9  | 345.6  | 347.2  | 353.3  | 364.8  | 387.0  | 423.8  |
| 67.5°  | 304.4  | 299.3  | 298.4  | 294.0  | 291.8  | 292.1  | 291.8  | 297.0  | 303.9  | 323.1  | 350.5  |
| 70°    | 268.2  | 264.4  | 262.9  | 259.0  | 257.5  | 256.0  | 254.4  | 259.0  | 265.9  | 282.0  | 305.8  |
| 72.5°  | 231.4  | 228.2  | 224.8  | 221.6  | 221.9  | 220.4  | 220.1  | 222.9  | 228.5  | 243.4  | 261.6  |
| 75°    | 178.6  | 179.3  | 175.5  | 171.7  | 170.9  | 169.4  | 169.4  | 171.7  | 174.0  | 185.5  | 200.0  |
| 77.5°  | 129.5  | 128.9  | 125.7  | 124.5  | 123.7  | 122.0  | 123.7  | 125.2  | 126.4  | 134.1  | 144.8  |
| 80°    | 98.9   | 98.9   | 95.0   | 95.0   | 94.3   | 92.0   | 94.3   | 92.7   | 95.8   | 103.5  | 111.1  |
| 82.5°  | 70.7   | 69.4   | 69.3   | 68.1   | 67.9   | 66.2   | 67.3   | 68.8   | 70.0   | 75.3   | 79.9   |
| 85°    | 34.5   | 34.5   | 33.7   | 33.0   | 33.7   | 33.0   | 33.7   | 34.5   | 35.3   | 37.6   | 41.4   |
| 87.5°  | 15.0   | 15.9   | 16.3   | 15.5   | 13.8   | 13.3   | 13.2   | 13.4   | 14.1   | 13.8   | 13.7   |
| 90°    | 38.3   | 39.5   | 38.3   | 31.4   | 23.2   | 17.4   | 13.9   | 11.6   | 9.3    | 4.6    | 1.2    |
| 92.5°  | 127.6  | 151.0  | 148.9  | 115.9  | 79.0   | 52.7   | 41.8   | 33.9   | 28.8   | 20.4   | 14.2   |
| 95°    | 398.5  | 455.4  | 403.1  | 268.3  | 167.3  | 113.8  | 86.0   | 67.4   | 56.9   | 45.3   | 40.7   |
| 97.5°  | 815.5  | 777.4  | 585.5  | 361.5  | 220.7  | 153.6  | 122.0  | 100.6  | 84.8   | 72.5   | 66.2   |
| 100°   | 1085.0 | 917.7  | 631.9  | 381.0  | 239.3  | 177.7  | 145.2  | 122.0  | 103.4  | 92.9   | 89.4   |
| 102.5° | 1185.4 | 922.4  | 614.3  | 382.0  | 256.0  | 199.1  | 166.6  | 142.4  | 123.8  | 113.4  | 110.8  |
| 105°   | 1169.8 | 860.8  | 579.7  | 388.0  | 284.6  | 230.0  | 197.5  | 171.9  | 154.5  | 146.4  | 141.7  |
| 107.5° | 1067.8 | 794.8  | 562.5  | 404.0  | 313.9  | 260.9  | 228.2  | 202.8  | 186.8  | 178.9  | 175.2  |
| 110°   | 1003.7 | 763.2  | 558.8  | 417.0  | 333.4  | 282.3  | 248.6  | 224.2  | 209.1  | 202.1  | 197.5  |



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 959.1 | 742.8 | 559.7 | 431.0 | 352.0 | 302.7 | 268.1 | 244.6 | 230.5 | 222.6 | 217.9 |
| 115°   | 903.8 | 720.2 | 564.6 | 451.9 | 381.0 | 331.1 | 299.7 | 276.5 | 262.5 | 255.6 | 249.8 |
| 117.5° | 868.9 | 709.3 | 572.9 | 474.2 | 407.7 | 361.5 | 329.0 | 306.7 | 294.4 | 287.4 | 282.8 |
| 120°   | 850.3 | 702.8 | 578.5 | 489.1 | 426.3 | 381.0 | 348.5 | 325.3 | 314.8 | 307.8 | 303.2 |
| 122.5° | 834.5 | 699.1 | 585.0 | 502.1 | 444.0 | 401.5 | 368.0 | 344.8 | 333.4 | 326.4 | 322.7 |
| 125°   | 812.0 | 692.4 | 594.8 | 522.8 | 470.5 | 428.7 | 396.1 | 372.9 | 359.0 | 352.0 | 348.5 |
| 127.5° | 791.1 | 688.4 | 604.8 | 542.0 | 495.1 | 454.4 | 421.0 | 398.7 | 383.4 | 373.6 | 368.9 |
| 130°   | 777.2 | 686.5 | 612.2 | 554.1 | 510.0 | 469.3 | 436.8 | 413.6 | 397.3 | 385.7 | 381.0 |
| 132.5° | 766.0 | 685.6 | 619.6 | 566.2 | 523.0 | 484.2 | 451.7 | 427.5 | 410.3 | 397.8 | 392.2 |
| 135°   | 750.4 | 684.2 | 628.5 | 582.0 | 541.3 | 504.2 | 471.6 | 444.9 | 427.5 | 413.6 | 408.9 |
| 137.5° | 739.5 | 684.0 | 636.4 | 594.1 | 556.2 | 519.5 | 489.3 | 462.8 | 444.2 | 430.3 | 424.7 |
| 140°   | 733.0 | 683.1 | 640.1 | 600.6 | 564.6 | 529.7 | 499.5 | 474.0 | 455.4 | 441.4 | 436.8 |
| 142.5° | 726.5 | 683.1 | 642.9 | 606.2 | 571.1 | 537.2 | 508.8 | 484.2 | 465.6 | 452.6 | 448.9 |
| 145°   | 717.9 | 680.7 | 645.9 | 613.4 | 580.8 | 549.5 | 523.9 | 500.7 | 483.3 | 471.6 | 467.0 |
| 147.5° | 709.1 | 676.6 | 646.8 | 617.3 | 588.7 | 559.2 | 536.5 | 517.2 | 501.1 | 490.0 | 486.5 |
| 150°   | 701.6 | 673.8 | 645.9 | 619.2 | 592.5 | 565.7 | 544.8 | 527.4 | 512.3 | 503.0 | 499.5 |
| 152.5° | 695.1 | 669.1 | 644.0 | 620.1 | 596.2 | 572.2 | 553.2 | 536.7 | 523.4 | 514.2 | 512.5 |
| 155°   | 683.1 | 661.0 | 641.2 | 621.5 | 601.7 | 582.0 | 564.6 | 551.8 | 539.0 | 532.0 | 530.9 |
| 157.5° | 671.7 | 652.6 | 635.9 | 621.5 | 605.7 | 589.0 | 574.3 | 564.1 | 553.0 | 547.4 | 546.2 |
| 160°   | 663.3 | 647.1 | 633.1 | 621.5 | 607.6 | 593.6 | 580.8 | 571.5 | 562.2 | 557.6 | 556.4 |
| 162.5° | 655.9 | 642.4 | 630.3 | 620.6 | 608.5 | 596.4 | 586.4 | 578.0 | 570.6 | 566.0 | 566.7 |
| 165°   | 643.6 | 633.1 | 625.0 | 618.0 | 609.9 | 599.4 | 592.5 | 586.6 | 579.7 | 577.4 | 578.5 |
| 167.5° | 631.5 | 625.0 | 619.6 | 616.4 | 609.6 | 602.0 | 597.6 | 593.4 | 589.0 | 586.9 | 588.3 |
| 170°   | 625.0 | 620.3 | 616.8 | 614.5 | 608.7 | 602.9 | 599.4 | 597.1 | 593.6 | 592.5 | 594.8 |
| 172.5° | 618.5 | 614.8 | 613.1 | 611.7 | 607.8 | 603.8 | 601.3 | 599.9 | 596.4 | 597.1 | 598.5 |
| 175°   | 609.9 | 608.7 | 607.6 | 608.7 | 606.4 | 604.1 | 602.9 | 602.9 | 600.6 | 601.7 | 602.9 |
| 177.5° | 605.0 | 604.1 | 605.0 | 606.9 | 605.0 | 604.1 | 604.1 | 604.1 | 602.2 | 603.1 | 605.0 |
| 180°   | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 |





TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 |
| 2.5°   | 2004.5 | 2007.5 | 2017.3 | 2027.2 | 2038.2 | 2041.3 | 2046.2 | 2041.9 | 2040.6 | 2052.3 | 2060.9 |
| 5°     | 2010.1 | 2023.9 | 2050.8 | 2075.3 | 2096.0 | 2110.5 | 2125.9 | 2132.0 | 2143.5 | 2159.6 | 2179.5 |
| 7.5°   | 2003.7 | 2030.5 | 2072.7 | 2108.4 | 2147.3 | 2175.4 | 2197.3 | 2216.0 | 2238.7 | 2269.2 | 2302.4 |
| 10°    | 1996.3 | 2032.4 | 2083.7 | 2127.4 | 2174.9 | 2210.9 | 2240.8 | 2269.9 | 2303.7 | 2345.8 | 2389.5 |
| 12.5°  | 1982.9 | 2025.6 | 2089.8 | 2141.5 | 2202.5 | 2237.9 | 2278.2 | 2341.1 | 2377.2 | 2435.9 | 2497.4 |
| 15°    | 1955.7 | 2003.2 | 2092.9 | 2156.5 | 2225.5 | 2292.9 | 2367.3 | 2427.0 | 2486.8 | 2521.3 | 2607.9 |
| 17.5°  | 1915.4 | 1985.2 | 2084.5 | 2158.7 | 2246.3 | 2352.5 | 2436.1 | 2503.8 | 2572.8 | 2628.7 | 2672.1 |
| 20°    | 1882.9 | 1958.8 | 2072.2 | 2161.1 | 2265.3 | 2379.5 | 2475.3 | 2544.3 | 2604.1 | 2650.8 | 2677.6 |
| 22.5°  | 1841.8 | 1937.3 | 2047.7 | 2151.9 | 2285.0 | 2397.9 | 2498.6 | 2552.9 | 2602.8 | 2625.7 | 2635.9 |
| 25°    | 1777.2 | 1892.1 | 2017.0 | 2144.3 | 2294.5 | 2414.0 | 2506.0 | 2538.9 | 2553.5 | 2531.3 | 2494.5 |
| 27.5°  | 1707.4 | 1835.6 | 1981.6 | 2129.8 | 2288.6 | 2403.6 | 2469.5 | 2464.3 | 2439.6 | 2367.7 | 2310.2 |
| 30°    | 1655.3 | 1796.3 | 1953.4 | 2115.1 | 2274.5 | 2386.4 | 2424.7 | 2386.4 | 2330.5 | 2250.0 | 2168.0 |
| 32.5°  | 1600.8 | 1746.7 | 1923.4 | 2094.3 | 2248.8 | 2347.2 | 2355.5 | 2289.6 | 2203.0 | 2111.5 | 2009.2 |
| 35°    | 1518.1 | 1676.0 | 1866.8 | 2047.7 | 2194.1 | 2256.1 | 2219.4 | 2102.9 | 2000.2 | 1875.3 | 1735.8 |
| 37.5°  | 1424.8 | 1599.1 | 1790.5 | 1979.5 | 2112.1 | 2128.3 | 2037.0 | 1914.3 | 1769.5 | 1622.7 | 1458.5 |
| 40°    | 1354.9 | 1539.6 | 1736.6 | 1927.4 | 2044.6 | 2027.8 | 1911.3 | 1776.4 | 1604.0 | 1424.6 | 1272.1 |
| 42.5°  | 1292.4 | 1477.1 | 1677.7 | 1864.8 | 1958.8 | 1912.5 | 1776.4 | 1610.9 | 1425.6 | 1256.7 | 1117.0 |
| 45°    | 1184.0 | 1374.1 | 1579.5 | 1760.3 | 1814.0 | 1730.4 | 1550.3 | 1366.4 | 1184.0 | 1043.0 | 932.7  |
| 47.5°  | 1078.9 | 1266.8 | 1470.2 | 1629.1 | 1648.1 | 1535.8 | 1339.0 | 1149.7 | 992.9  | 878.1  | 800.2  |
| 50°    | 1001.6 | 1190.1 | 1391.7 | 1533.5 | 1527.3 | 1391.7 | 1189.4 | 1009.3 | 878.2  | 785.5  | 733.4  |
| 52.5°  | 932.3  | 1110.4 | 1304.0 | 1432.9 | 1400.4 | 1252.5 | 1059.4 | 899.5  | 791.8  | 719.3  | 672.1  |
| 55°    | 824.6  | 989.4  | 1173.3 | 1276.7 | 1217.0 | 1053.0 | 889.7  | 761.0  | 681.3  | 626.9  | 590.1  |
| 57.5°  | 717.6  | 872.1  | 1029.5 | 1093.3 | 1027.2 | 875.8  | 739.7  | 646.3  | 586.4  | 546.1  | 522.2  |
| 60°    | 651.4  | 786.3  | 926.5  | 981.7  | 902.8  | 767.9  | 660.6  | 577.1  | 528.8  | 495.8  | 474.4  |
| 62.5°  | 585.2  | 706.0  | 838.2  | 868.3  | 796.1  | 682.1  | 587.0  | 517.6  | 477.9  | 448.6  | 428.4  |
| 65°    | 495.1  | 593.9  | 694.3  | 714.2  | 647.6  | 559.4  | 484.3  | 439.1  | 403.9  | 382.4  | 366.3  |
| 67.5°  | 406.0  | 485.4  | 556.5  | 572.6  | 514.2  | 453.1  | 398.8  | 359.4  | 335.5  | 317.7  | 304.1  |
| 70°    | 353.3  | 416.1  | 474.4  | 487.4  | 440.7  | 386.2  | 344.9  | 313.4  | 292.0  | 276.7  | 263.6  |
| 72.5°  | 297.5  | 349.9  | 398.3  | 407.1  | 368.9  | 327.4  | 293.4  | 268.7  | 249.7  | 239.9  | 227.5  |
| 75°    | 227.6  | 258.3  | 295.8  | 298.1  | 272.8  | 247.5  | 221.5  | 205.4  | 195.4  | 183.2  | 177.0  |
| 77.5°  | 160.6  | 184.7  | 206.1  | 210.3  | 195.3  | 178.1  | 163.5  | 150.8  | 142.4  | 136.7  | 131.0  |
| 80°    | 122.6  | 141.8  | 151.0  | 156.3  | 145.6  | 133.3  | 124.9  | 116.5  | 111.1  | 107.3  | 103.5  |
| 82.5°  | 87.7   | 99.5   | 108.1  | 112.2  | 106.4  | 99.0   | 90.6   | 85.8   | 81.7   | 78.5   | 77.1   |
| 85°    | 44.4   | 49.8   | 55.2   | 56.7   | 55.2   | 52.1   | 47.5   | 47.5   | 45.2   | 44.4   | 44.4   |
| 87.5°  | 16.3   | 19.6   | 20.1   | 22.4   | 21.9   | 23.0   | 24.7   | 25.4   | 25.1   | 24.2   | 23.4   |
| 90°    | 4.6    | 9.3    | 11.6   | 13.9   | 17.4   | 23.2   | 31.4   | 38.3   | 39.5   | 38.3   | 37.2   |
| 92.5°  | 20.4   | 28.8   | 33.9   | 41.8   | 52.7   | 79.0   | 115.9  | 148.9  | 151.0  | 127.6  | 101.3  |
| 95°    | 45.3   | 56.9   | 67.4   | 86.0   | 113.8  | 167.3  | 268.3  | 403.1  | 455.4  | 398.5  | 304.4  |
| 97.5°  | 72.5   | 84.8   | 100.6  | 122.0  | 153.6  | 220.7  | 361.5  | 585.5  | 777.4  | 815.5  | 710.2  |
| 100°   | 92.9   | 103.4  | 122.0  | 145.2  | 177.7  | 239.3  | 381.0  | 631.9  | 917.7  | 1085.0 | 1060.6 |
| 102.5° | 113.4  | 123.8  | 142.4  | 166.6  | 199.1  | 256.0  | 382.0  | 614.3  | 922.4  | 1185.4 | 1290.2 |
| 105°   | 146.4  | 154.5  | 171.9  | 197.5  | 230.0  | 284.6  | 388.0  | 579.7  | 860.8  | 1169.8 | 1411.4 |
| 107.5° | 178.9  | 186.8  | 202.8  | 228.2  | 260.9  | 313.9  | 404.0  | 562.5  | 794.8  | 1067.8 | 1324.1 |
| 110°   | 202.1  | 209.1  | 224.2  | 248.6  | 282.3  | 333.4  | 417.0  | 558.8  | 763.2  | 1003.7 | 1248.8 |





TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 222.6 | 230.5 | 244.6 | 268.1 | 302.7 | 352.0 | 431.0 | 559.7 | 742.8 | 959.1 | 1180.0 |
| 115°   | 255.6 | 262.5 | 276.5 | 299.7 | 331.1 | 381.0 | 451.9 | 564.6 | 720.2 | 903.8 | 1095.5 |
| 117.5° | 287.4 | 294.4 | 306.7 | 329.0 | 361.5 | 407.7 | 474.2 | 572.9 | 709.3 | 868.9 | 1031.8 |
| 120°   | 307.8 | 314.8 | 325.3 | 348.5 | 381.0 | 426.3 | 489.1 | 578.5 | 702.8 | 850.3 | 1000.2 |
| 122.5° | 326.4 | 333.4 | 344.8 | 368.0 | 401.5 | 444.0 | 502.1 | 585.0 | 699.1 | 834.5 | 975.1  |
| 125°   | 352.0 | 359.0 | 372.9 | 396.1 | 428.7 | 470.5 | 522.8 | 594.8 | 692.4 | 812.0 | 938.6  |
| 127.5° | 373.6 | 383.4 | 398.7 | 421.0 | 454.4 | 495.1 | 542.0 | 604.8 | 688.4 | 791.1 | 902.6  |
| 130°   | 385.7 | 397.3 | 413.6 | 436.8 | 469.3 | 510.0 | 554.1 | 612.2 | 686.5 | 777.2 | 879.4  |
| 132.5° | 397.8 | 410.3 | 427.5 | 451.7 | 484.2 | 523.0 | 566.2 | 619.6 | 685.6 | 766.0 | 857.1  |
| 135°   | 413.6 | 427.5 | 444.9 | 471.6 | 504.2 | 541.3 | 582.0 | 628.5 | 684.2 | 750.4 | 825.9  |
| 137.5° | 430.3 | 444.2 | 462.8 | 489.3 | 519.5 | 556.2 | 594.1 | 636.4 | 684.0 | 739.5 | 801.1  |
| 140°   | 441.4 | 455.4 | 474.0 | 499.5 | 529.7 | 564.6 | 600.6 | 640.1 | 683.1 | 733.0 | 785.3  |
| 142.5° | 452.6 | 465.6 | 484.2 | 508.8 | 537.2 | 571.1 | 606.2 | 642.9 | 683.1 | 726.5 | 772.3  |
| 145°   | 471.6 | 483.3 | 500.7 | 523.9 | 549.5 | 580.8 | 613.4 | 645.9 | 680.7 | 717.9 | 753.9  |
| 147.5° | 490.0 | 501.1 | 517.2 | 536.5 | 559.2 | 588.7 | 617.3 | 646.8 | 676.6 | 709.1 | 739.8  |
| 150°   | 503.0 | 512.3 | 527.4 | 544.8 | 565.7 | 592.5 | 619.2 | 645.9 | 673.8 | 701.6 | 729.5  |
| 152.5° | 514.2 | 523.4 | 536.7 | 553.2 | 572.2 | 596.2 | 620.1 | 644.0 | 669.1 | 695.1 | 719.3  |
| 155°   | 532.0 | 539.0 | 551.8 | 564.6 | 582.0 | 601.7 | 621.5 | 641.2 | 661.0 | 683.1 | 705.1  |
| 157.5° | 547.4 | 553.0 | 564.1 | 574.3 | 589.0 | 605.7 | 621.5 | 635.9 | 652.6 | 671.7 | 688.6  |
| 160°   | 557.6 | 562.2 | 571.5 | 580.8 | 593.6 | 607.6 | 621.5 | 633.1 | 647.1 | 663.3 | 678.4  |
| 162.5° | 566.0 | 570.6 | 578.0 | 586.4 | 596.4 | 608.5 | 620.6 | 630.3 | 642.4 | 655.9 | 668.2  |
| 165°   | 577.4 | 579.7 | 586.6 | 592.5 | 599.4 | 609.9 | 618.0 | 625.0 | 633.1 | 643.6 | 652.9  |
| 167.5° | 586.9 | 589.0 | 593.4 | 597.6 | 602.0 | 609.6 | 616.4 | 619.6 | 625.0 | 631.5 | 638.2  |
| 170°   | 592.5 | 593.6 | 597.1 | 599.4 | 602.9 | 608.7 | 614.5 | 616.8 | 620.3 | 625.0 | 630.8  |
| 172.5° | 597.1 | 596.4 | 599.9 | 601.3 | 603.8 | 607.8 | 611.7 | 613.1 | 614.8 | 618.5 | 622.4  |
| 175°   | 601.7 | 600.6 | 602.9 | 602.9 | 604.1 | 606.4 | 608.7 | 607.6 | 608.7 | 609.9 | 613.4  |
| 177.5° | 603.1 | 602.2 | 604.1 | 604.1 | 604.1 | 605.0 | 606.9 | 605.0 | 604.1 | 605.0 | 606.9  |
| 180°   | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1  |



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 | 1994.0 |
| 2.5°   | 2068.2 | 2076.8 | 2076.8 | 2078.0 | 2087.8 | 2086.6 | 2086.0 |
| 5°     | 2201.0 | 2214.0 | 2215.5 | 2229.3 | 2238.5 | 2235.4 | 2227.0 |
| 7.5°   | 2326.2 | 2350.4 | 2368.8 | 2379.1 | 2391.2 | 2398.7 | 2395.3 |
| 10°    | 2425.5 | 2460.8 | 2482.2 | 2496.8 | 2514.4 | 2527.4 | 2522.8 |
| 12.5°  | 2515.6 | 2557.6 | 2587.1 | 2612.0 | 2614.3 | 2631.0 | 2619.7 |
| 15°    | 2656.2 | 2700.6 | 2705.2 | 2723.6 | 2738.2 | 2736.6 | 2737.4 |
| 17.5°  | 2702.6 | 2716.9 | 2719.8 | 2720.2 | 2720.4 | 2715.0 | 2703.4 |
| 20°    | 2686.1 | 2680.7 | 2667.7 | 2657.7 | 2640.1 | 2637.8 | 2622.5 |
| 22.5°  | 2607.6 | 2590.6 | 2557.9 | 2536.3 | 2508.9 | 2501.7 | 2497.4 |
| 25°    | 2453.1 | 2415.5 | 2363.4 | 2313.6 | 2299.8 | 2273.0 | 2280.7 |
| 27.5°  | 2241.1 | 2182.6 | 2126.2 | 2085.7 | 2049.1 | 2008.9 | 2020.4 |
| 30°    | 2092.1 | 2026.2 | 1946.5 | 1885.2 | 1846.1 | 1807.8 | 1800.9 |
| 32.5°  | 1914.3 | 1817.8 | 1728.9 | 1674.9 | 1615.0 | 1590.8 | 1564.3 |
| 35°    | 1607.8 | 1513.5 | 1425.4 | 1349.5 | 1305.9 | 1272.1 | 1241.5 |
| 37.5°  | 1332.1 | 1223.6 | 1152.4 | 1091.0 | 1059.4 | 1040.1 | 1045.0 |
| 40°    | 1161.0 | 1066.0 | 1013.9 | 967.1  | 938.0  | 924.2  | 927.3  |
| 42.5°  | 1022.5 | 951.3  | 908.4  | 876.4  | 855.9  | 848.2  | 846.4  |
| 45°    | 865.2  | 825.4  | 790.1  | 771.7  | 761.8  | 753.3  | 748.0  |
| 47.5°  | 757.9  | 725.4  | 705.5  | 694.6  | 685.9  | 677.3  | 677.1  |
| 50°    | 693.5  | 672.1  | 658.3  | 646.8  | 639.9  | 633.8  | 639.1  |
| 52.5°  | 644.5  | 624.9  | 611.1  | 600.8  | 598.2  | 592.7  | 592.5  |
| 55°    | 571.7  | 556.4  | 546.4  | 537.2  | 532.6  | 529.5  | 525.7  |
| 57.5°  | 505.5  | 490.9  | 481.7  | 475.9  | 467.2  | 464.1  | 462.9  |
| 60°    | 458.3  | 446.8  | 437.6  | 429.9  | 426.1  | 420.0  | 420.0  |
| 62.5°  | 414.7  | 403.3  | 394.7  | 388.8  | 382.6  | 380.1  | 380.7  |
| 65°    | 351.8  | 342.6  | 334.1  | 328.0  | 326.5  | 321.9  | 323.4  |
| 67.5°  | 293.8  | 287.7  | 278.8  | 275.4  | 272.5  | 270.1  | 268.2  |
| 70°    | 255.2  | 249.1  | 244.5  | 239.9  | 237.6  | 237.6  | 237.6  |
| 72.5°  | 222.7  | 215.3  | 212.6  | 206.8  | 208.1  | 205.7  | 203.2  |
| 75°    | 172.4  | 167.8  | 165.5  | 163.2  | 159.4  | 159.4  | 159.4  |
| 77.5°  | 126.9  | 125.5  | 122.8  | 120.3  | 119.4  | 118.6  | 118.9  |
| 80°    | 98.1   | 97.3   | 95.8   | 95.8   | 94.3   | 93.5   | 92.0   |
| 82.5°  | 75.4   | 73.4   | 72.5   | 71.9   | 71.6   | 71.4   | 71.1   |
| 85°    | 42.9   | 41.4   | 41.4   | 42.1   | 40.6   | 40.6   | 41.4   |
| 87.5°  | 23.5   | 24.0   | 23.6   | 23.6   | 24.2   | 23.6   | 23.6   |
| 90°    | 34.9   | 37.2   | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   |
| 92.5°  | 86.9   | 77.1   | 69.9   | 69.0   | 65.3   | 66.2   | 64.4   |
| 95°    | 233.5  | 184.7  | 159.1  | 144.0  | 134.8  | 131.3  | 132.4  |
| 97.5°  | 581.1  | 455.4  | 371.5  | 316.0  | 287.4  | 270.4  | 260.7  |
| 100°   | 916.6  | 757.4  | 616.8  | 520.4  | 470.5  | 436.8  | 415.9  |
| 102.5° | 1257.6 | 1141.2 | 992.3  | 887.5  | 802.3  | 760.2  | 731.9  |
| 105°   | 1542.7 | 1557.8 | 1519.5 | 1447.4 | 1375.4 | 1325.5 | 1309.2 |
| 107.5° | 1521.8 | 1642.6 | 1698.8 | 1707.9 | 1703.9 | 1693.9 | 1672.3 |
| 110°   | 1456.7 | 1605.4 | 1700.7 | 1750.6 | 1772.7 | 1783.2 | 1782.0 |



TEST NUMBER: P331458

CATALOG NUMBER: S122DIP-S1005D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1379.6 | 1538.5 | 1647.7 | 1717.2 | 1754.1 | 1773.9 | 1780.1 |
| 115°   | 1274.4 | 1426.5 | 1546.2 | 1628.7 | 1682.1 | 1712.3 | 1722.8 |
| 117.5° | 1188.9 | 1326.9 | 1439.1 | 1523.2 | 1579.6 | 1611.5 | 1620.3 |
| 120°   | 1144.2 | 1267.4 | 1373.1 | 1454.4 | 1509.0 | 1542.7 | 1554.3 |
| 122.5° | 1107.1 | 1223.7 | 1319.2 | 1392.1 | 1445.8 | 1475.8 | 1485.5 |
| 125°   | 1058.3 | 1160.5 | 1247.6 | 1315.0 | 1359.2 | 1388.2 | 1397.5 |
| 127.5° | 1010.9 | 1107.3 | 1187.7 | 1246.5 | 1287.8 | 1312.9 | 1320.4 |
| 130°   | 979.3  | 1071.1 | 1147.7 | 1204.7 | 1244.2 | 1267.4 | 1276.7 |
| 132.5° | 949.6  | 1033.9 | 1105.9 | 1161.9 | 1201.4 | 1222.8 | 1231.1 |
| 135°   | 902.6  | 979.3  | 1044.3 | 1094.3 | 1132.6 | 1153.5 | 1158.2 |
| 137.5° | 865.2  | 926.1  | 982.8  | 1028.3 | 1061.3 | 1079.7 | 1086.6 |
| 140°   | 841.1  | 894.5  | 945.6  | 982.8  | 1013.0 | 1030.4 | 1037.4 |
| 142.5° | 819.7  | 865.7  | 908.4  | 943.7  | 971.2  | 986.7  | 988.1  |
| 145°   | 792.3  | 828.3  | 862.0  | 889.8  | 909.6  | 921.2  | 924.7  |
| 147.5° | 770.0  | 798.1  | 822.7  | 845.7  | 861.5  | 869.4  | 871.5  |
| 150°   | 755.1  | 779.5  | 800.4  | 817.8  | 831.8  | 838.7  | 839.9  |
| 152.5° | 743.0  | 763.7  | 781.8  | 795.5  | 807.6  | 812.7  | 812.9  |
| 155°   | 723.7  | 741.1  | 753.9  | 766.7  | 774.8  | 779.5  | 777.2  |
| 157.5° | 704.2  | 718.8  | 728.8  | 737.9  | 744.6  | 746.7  | 746.7  |
| 160°   | 691.2  | 704.0  | 712.1  | 720.2  | 726.0  | 727.2  | 727.2  |
| 162.5° | 679.1  | 690.0  | 696.3  | 704.4  | 708.4  | 709.5  | 708.6  |
| 165°   | 661.0  | 669.1  | 673.8  | 678.4  | 683.1  | 683.1  | 681.9  |
| 167.5° | 644.5  | 650.1  | 654.3  | 656.3  | 658.9  | 658.7  | 657.3  |
| 170°   | 634.3  | 638.9  | 641.2  | 642.4  | 645.9  | 644.7  | 642.4  |
| 172.5° | 625.0  | 628.7  | 630.1  | 631.3  | 632.9  | 631.7  | 630.3  |
| 175°   | 614.5  | 615.7  | 616.8  | 616.8  | 618.0  | 616.8  | 614.5  |
| 177.5° | 606.9  | 607.8  | 607.8  | 607.8  | 607.8  | 606.9  | 605.0  |
| 180°   | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  |

(END OF REPORT)