

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1025211

Luminaire Tested: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1025211  
REPORT IS A COMBINATION OF REPORTS P995661 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124DIP-B1195D810UB27-4F0-XX-W2A-A4  
Description: Define 4 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

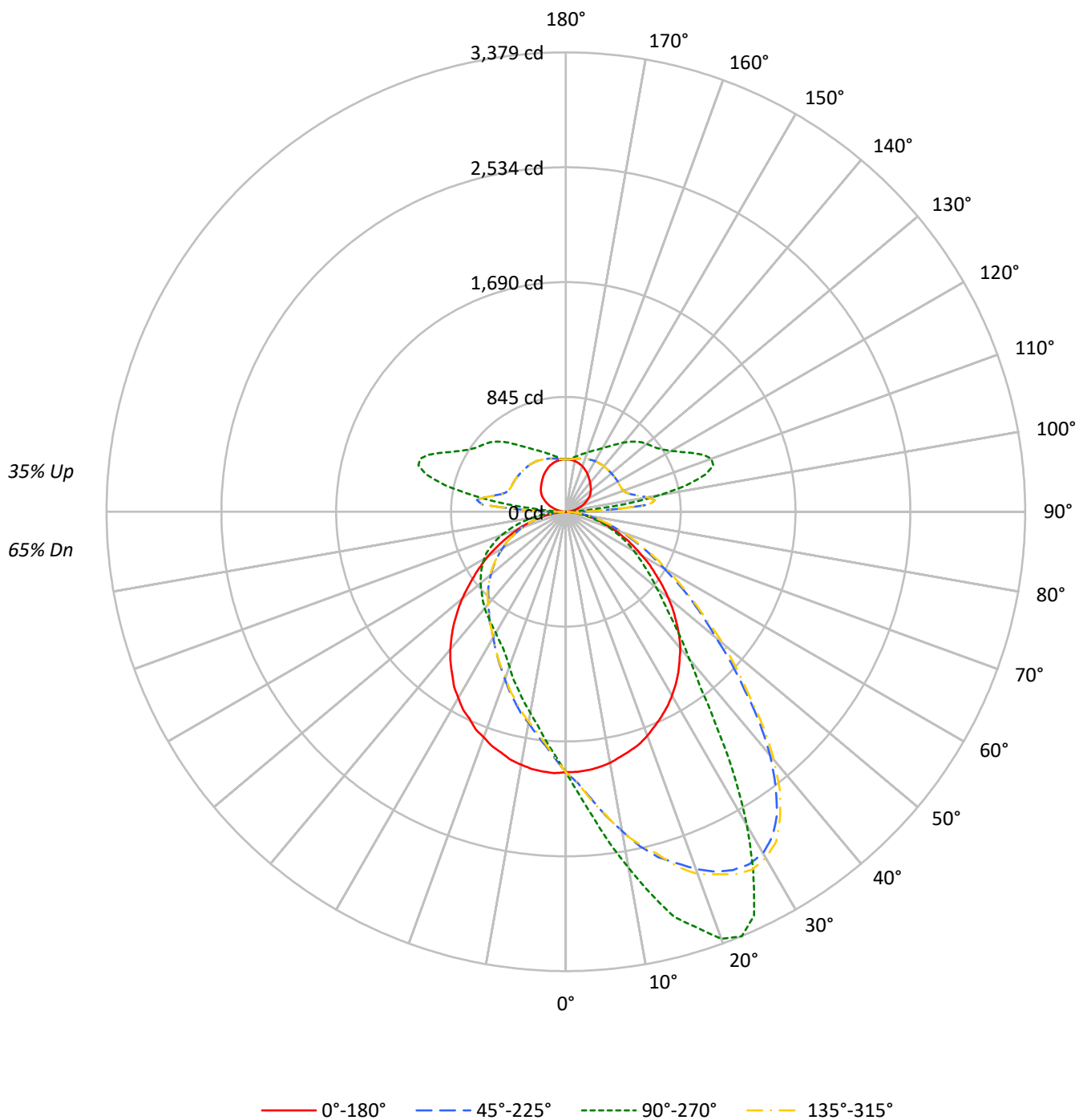
Lumens per Lamp: N/A  
Luminaire Lumens: 8092.0 lumens  
Efficiency: N/A  
Efficacy: 98.2 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 82.4  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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: 24 FT

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1025211

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 92 | 92 | 92 | 81 | 81 | 81 | 70 | 70 | 70 | 65 |    |    |    |
| 1   | 102 | 97  | 93  | 90  | 95  | 92  | 88  | 85  | 81 | 79 | 76 | 71 | 70 | 68 | 63 | 61 | 60 | 56 |    |    |    |
| 2   | 93  | 85  | 79  | 74  | 87  | 80  | 75  | 70  | 71 | 67 | 64 | 63 | 60 | 57 | 55 | 53 | 51 | 47 |    |    |    |
| 3   | 85  | 75  | 68  | 62  | 79  | 71  | 65  | 59  | 63 | 58 | 54 | 56 | 52 | 49 | 49 | 46 | 44 | 40 |    |    |    |
| 4   | 78  | 67  | 59  | 53  | 73  | 63  | 56  | 51  | 56 | 51 | 46 | 50 | 46 | 42 | 44 | 41 | 38 | 35 |    |    |    |
| 5   | 72  | 60  | 52  | 46  | 67  | 57  | 49  | 44  | 51 | 45 | 40 | 45 | 40 | 37 | 40 | 36 | 33 | 30 |    |    |    |
| 6   | 66  | 54  | 46  | 40  | 62  | 51  | 44  | 38  | 46 | 40 | 35 | 41 | 36 | 32 | 36 | 32 | 29 | 27 |    |    |    |
| 7   | 61  | 49  | 41  | 35  | 57  | 46  | 39  | 34  | 42 | 36 | 31 | 37 | 32 | 29 | 33 | 29 | 26 | 24 |    |    |    |
| 8   | 57  | 44  | 37  | 31  | 53  | 42  | 35  | 30  | 38 | 32 | 28 | 34 | 29 | 26 | 31 | 27 | 24 | 21 |    |    |    |
| 9   | 53  | 41  | 33  | 28  | 50  | 39  | 32  | 27  | 35 | 29 | 25 | 32 | 27 | 23 | 28 | 24 | 21 | 19 |    |    |    |
| 10  | 50  | 37  | 30  | 25  | 47  | 36  | 29  | 24  | 32 | 27 | 23 | 29 | 24 | 21 | 26 | 22 | 19 | 18 |    |    |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15615 | 15615 | 15615 | 15615 |
| 5°  | 15576 | 17914 | 15667 | 13460 |
| 10° | 15459 | 20900 | 15577 | 11809 |
| 15° | 15273 | 24094 | 15380 | 10567 |
| 20° | 15076 | 26126 | 15185 | 9474  |
| 25° | 14787 | 25827 | 14928 | 8667  |
| 30° | 14505 | 21347 | 14681 | 8251  |
| 35° | 14109 | 15908 | 14264 | 8000  |
| 40° | 13647 | 11984 | 13778 | 7877  |
| 45° | 12941 | 9618  | 13102 | 7709  |
| 50° | 12097 | 8103  | 12274 | 7630  |
| 55° | 11106 | 7052  | 11281 | 7540  |
| 60° | 10144 | 6211  | 10441 | 7415  |
| 65° | 9239  | 5343  | 9327  | 7106  |
| 70° | 8177  | 4396  | 8353  | 6543  |
| 75° | 7132  | 3378  | 7086  | 5559  |
| 80° | 5610  | 2220  | 5548  | 4220  |
| 85° | 3697  | 998   | 3464  | 2461  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 20191 cd/sqm

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 186.4  | 2.3       |
| 10°-20°   | 575.2  | 7.1       |
| 20°-30°   | 913.8  | 11.3      |
| 30°-40°   | 1015.4 | 12.5      |
| 40°-50°   | 923.4  | 11.4      |
| 50°-60°   | 754.6  | 9.3       |
| 60°-70°   | 538.6  | 6.7       |
| 70°-80°   | 296.4  | 3.7       |
| 80°-90°   | 81.6   | 1.0       |
| 90°-100°  | 279.3  | 3.5       |
| 100°-110° | 583.1  | 7.2       |
| 110°-120° | 518.3  | 6.4       |
| 120°-130° | 436.3  | 5.4       |
| 130°-140° | 364.0  | 4.5       |
| 140°-150° | 277.9  | 3.4       |
| 150°-160° | 195.4  | 2.4       |
| 160°-170° | 114.9  | 1.4       |
| 170°-180° | 37.4   | 0.5       |
| 0°-30°    | 1675.4 | 20.7      |
| 0°-40°    | 2690.8 | 33.3      |
| 0°-60°    | 4368.8 | 54.0      |
| 0°-90°    | 5285.5 | 65.3      |
| 90°-120°  | 1380.6 | 17.1      |
| 90°-150°  | 2458.8 | 30.4      |
| 90°-180°  | 2806.0 | 34.7      |
| 0°-180°   | 8092.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1915 | 1915 | 1915 | 1915 | 1915 |      |
| 5°   | 1907 | 2246 | 1918 | 1688 | 1907 | 181  |
| 15°  | 1821 | 3086 | 1834 | 1353 | 1821 | 514  |
| 25°  | 1663 | 3276 | 1678 | 1099 | 1663 | 766  |
| 35°  | 1442 | 1937 | 1458 | 974  | 1442 | 901  |
| 45°  | 1150 | 1087 | 1164 | 871  | 1150 | 887  |
| 55°  | 809  | 711  | 822  | 760  | 809  | 728  |
| 65°  | 504  | 457  | 509  | 608  | 504  | 498  |
| 75°  | 248  | 228  | 246  | 376  | 248  | 260  |
| 85°  | 51   | 48   | 48   | 117  | 51   | 59   |
| 90°  | 1    | 16   | 1    | 16   | 1    | 5    |
| 95°  | 25   | 185  | 25   | 185  | 25   | 27   |
| 105° | 89   | 1065 | 89   | 1065 | 89   | 94   |
| 115° | 156  | 1023 | 156  | 1023 | 156  | 155  |
| 125° | 217  | 816  | 217  | 816  | 217  | 194  |
| 135° | 258  | 730  | 258  | 730  | 258  | 200  |
| 145° | 298  | 596  | 298  | 596  | 298  | 187  |
| 155° | 338  | 499  | 338  | 499  | 338  | 156  |
| 165° | 369  | 435  | 369  | 435  | 369  | 104  |
| 175° | 385  | 392  | 385  | 392  | 385  | 37   |
| 180° | 385  | 385  | 385  | 385  | 385  |      |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1914.9 | 1933.9 | 1941.9 | 1948.2 | 1968.8 | 1975.2 | 1976.8 | 1986.3 | 1994.2 | 1995.8 | 1995.8 |
| 5°     | 1907.0 | 1937.1 | 1960.9 | 1983.1 | 2016.4 | 2030.7 | 2048.2 | 2067.2 | 2092.6 | 2108.4 | 2116.4 |
| 7.5°   | 1894.3 | 1938.7 | 1975.2 | 2013.3 | 2059.3 | 2087.8 | 2103.7 | 2154.4 | 2189.4 | 2217.9 | 2252.8 |
| 10°    | 1875.2 | 1932.3 | 1984.7 | 2040.2 | 2105.3 | 2140.2 | 2175.1 | 2236.9 | 2286.1 | 2341.7 | 2386.1 |
| 12.5°  | 1846.7 | 1921.2 | 1984.7 | 2062.4 | 2143.3 | 2184.6 | 2225.8 | 2333.7 | 2390.8 | 2440.0 | 2519.3 |
| 15°    | 1821.3 | 1895.9 | 1986.3 | 2065.6 | 2165.6 | 2227.4 | 2287.7 | 2357.5 | 2447.9 | 2554.2 | 2630.4 |
| 17.5°  | 1792.7 | 1886.3 | 1970.4 | 2081.5 | 2192.5 | 2251.2 | 2300.4 | 2408.3 | 2535.2 | 2639.9 | 2709.7 |
| 20°    | 1753.1 | 1848.3 | 1959.3 | 2076.7 | 2208.4 | 2254.4 | 2319.4 | 2463.8 | 2578.0 | 2681.2 | 2795.4 |
| 22.5°  | 1707.1 | 1818.1 | 1935.5 | 2048.2 | 2184.6 | 2281.4 | 2352.8 | 2479.7 | 2617.7 | 2736.7 | 2865.2 |
| 25°    | 1662.6 | 1783.2 | 1886.3 | 2040.2 | 2184.6 | 2249.6 | 2330.5 | 2481.3 | 2632.0 | 2776.4 | 2908.0 |
| 27.5°  | 1615.0 | 1727.7 | 1867.3 | 1989.5 | 2152.9 | 2224.3 | 2311.5 | 2476.5 | 2636.7 | 2781.1 | 2922.3 |
| 30°    | 1562.7 | 1683.3 | 1799.1 | 1943.4 | 2102.1 | 2194.1 | 2275.0 | 2454.3 | 2617.7 | 2768.4 | 2900.1 |
| 32.5°  | 1504.0 | 1618.2 | 1742.0 | 1878.4 | 2045.0 | 2138.6 | 2240.1 | 2424.2 | 2598.7 | 2728.8 | 2830.3 |
| 35°    | 1442.1 | 1557.9 | 1665.8 | 1805.4 | 1976.8 | 2070.4 | 2168.7 | 2371.8 | 2544.7 | 2651.0 | 2709.7 |
| 37.5°  | 1373.9 | 1483.4 | 1589.7 | 1727.7 | 1899.0 | 1999.0 | 2098.9 | 2295.6 | 2459.1 | 2547.9 | 2532.0 |
| 40°    | 1308.9 | 1407.2 | 1505.6 | 1635.7 | 1814.9 | 1921.2 | 2008.5 | 2206.8 | 2349.6 | 2387.7 | 2335.3 |
| 42.5°  | 1234.3 | 1318.4 | 1413.6 | 1546.8 | 1721.3 | 1821.3 | 1930.8 | 2111.6 | 2217.9 | 2202.0 | 2113.2 |
| 45°    | 1150.2 | 1224.8 | 1320.0 | 1445.3 | 1623.0 | 1726.1 | 1818.1 | 1989.5 | 2067.2 | 2027.5 | 1865.7 |
| 47.5°  | 1069.3 | 1142.3 | 1220.0 | 1345.3 | 1518.3 | 1605.5 | 1699.1 | 1853.0 | 1897.4 | 1813.4 | 1651.5 |
| 50°    | 982.0  | 1042.3 | 1123.2 | 1242.2 | 1404.0 | 1496.1 | 1573.8 | 1697.5 | 1713.4 | 1610.3 | 1442.1 |
| 52.5°  | 898.0  | 948.7  | 1026.5 | 1143.9 | 1294.6 | 1367.6 | 1443.7 | 1553.2 | 1540.5 | 1434.2 | 1272.4 |
| 55°    | 809.1  | 856.7  | 928.1  | 1036.0 | 1169.2 | 1239.0 | 1304.1 | 1400.9 | 1373.9 | 1264.4 | 1123.2 |
| 57.5°  | 734.5  | 767.9  | 837.7  | 937.6  | 1047.1 | 1123.2 | 1178.8 | 1254.9 | 1213.7 | 1104.2 | 972.5  |
| 60°    | 648.9  | 690.1  | 748.8  | 829.7  | 937.6  | 988.4  | 1037.6 | 1088.3 | 1059.8 | 955.1  | 837.7  |
| 62.5°  | 571.1  | 602.9  | 653.6  | 731.4  | 815.5  | 861.5  | 913.8  | 945.5  | 917.0  | 820.2  | 721.9  |
| 65°    | 504.5  | 529.9  | 569.5  | 633.0  | 713.9  | 752.0  | 782.1  | 812.3  | 788.5  | 698.1  | 626.7  |
| 67.5°  | 431.5  | 453.7  | 487.1  | 537.8  | 606.0  | 633.0  | 661.6  | 682.2  | 655.2  | 594.9  | 525.1  |
| 70°    | 366.5  | 382.3  | 414.1  | 452.1  | 499.7  | 525.1  | 548.9  | 569.5  | 545.8  | 495.0  | 442.6  |
| 72.5°  | 299.8  | 312.5  | 341.1  | 368.1  | 410.9  | 428.4  | 445.8  | 461.7  | 453.7  | 406.1  | 363.3  |
| 75°    | 247.5  | 252.3  | 271.3  | 293.5  | 320.5  | 339.5  | 352.2  | 361.7  | 355.4  | 317.3  | 290.3  |
| 77.5°  | 187.2  | 193.6  | 207.8  | 225.3  | 249.1  | 260.2  | 268.1  | 277.6  | 269.7  | 239.6  | 220.5  |
| 80°    | 136.4  | 138.0  | 146.0  | 161.8  | 177.7  | 179.3  | 187.2  | 199.9  | 195.1  | 174.5  | 160.2  |
| 82.5°  | 87.3   | 92.0   | 95.2   | 104.7  | 115.8  | 119.0  | 123.7  | 126.9  | 125.3  | 112.6  | 107.9  |
| 85°    | 50.8   | 50.8   | 53.9   | 60.3   | 63.5   | 68.2   | 69.8   | 71.4   | 74.6   | 66.6   | 61.9   |
| 87.5°  | 22.2   | 23.8   | 23.8   | 25.4   | 28.6   | 28.6   | 30.1   | 31.7   | 33.3   | 31.7   | 27.0   |
| 90°    | 0.8    | 2.3    | 4.5    | 5.3    | 6.1    | 6.1    | 6.1    | 10.6   | 10.6   | 12.1   | 13.6   |
| 92.5°  | 10.6   | 15.1   | 23.5   | 34.8   | 48.5   | 58.3   | 68.1   | 115.1  | 188.5  | 259.7  | 296.8  |
| 95°    | 25.0   | 27.3   | 34.8   | 44.7   | 62.8   | 78.7   | 94.6   | 160.5  | 284.6  | 465.6  | 617.0  |
| 97.5°  | 41.6   | 41.6   | 48.5   | 57.5   | 73.4   | 87.1   | 100.7  | 152.9  | 259.7  | 445.9  | 660.1  |
| 100°   | 57.5   | 57.5   | 62.8   | 71.9   | 86.3   | 98.4   | 110.5  | 155.2  | 240.7  | 395.2  | 608.7  |
| 102.5° | 72.7   | 74.2   | 78.7   | 87.1   | 100.7  | 112.0  | 123.4  | 162.8  | 235.4  | 361.1  | 544.3  |
| 105°   | 88.6   | 90.8   | 94.6   | 103.7  | 117.3  | 128.3  | 139.3  | 175.6  | 238.5  | 344.5  | 496.6  |
| 107.5° | 106.0  | 107.5  | 111.3  | 121.1  | 134.0  | 145.0  | 156.0  | 189.3  | 247.6  | 339.9  | 465.6  |
| 110°   | 123.4  | 124.9  | 128.7  | 137.8  | 151.4  | 161.6  | 171.8  | 205.2  | 258.2  | 341.4  | 451.2  |



TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 140.1 | 141.6 | 146.1 | 154.4 | 168.1 | 178.3 | 188.5 | 220.3 | 269.5 | 346.0 | 444.4 |
| 115°   | 156.0 | 158.2 | 163.5 | 171.1 | 185.5 | 195.7 | 205.9 | 236.2 | 281.6 | 352.0 | 442.9 |
| 117.5° | 172.6 | 174.9 | 179.4 | 187.7 | 201.4 | 212.0 | 222.6 | 251.3 | 293.7 | 358.1 | 442.1 |
| 120°   | 189.3 | 190.8 | 196.1 | 204.4 | 217.3 | 227.9 | 238.5 | 267.2 | 306.6 | 364.9 | 442.1 |
| 122.5° | 204.4 | 205.9 | 211.2 | 218.8 | 233.2 | 243.4 | 253.6 | 282.4 | 318.7 | 371.7 | 441.4 |
| 125°   | 217.3 | 220.3 | 224.8 | 233.2 | 247.6 | 258.2 | 268.7 | 296.0 | 330.8 | 378.5 | 440.6 |
| 127.5° | 229.4 | 231.7 | 237.0 | 246.0 | 261.2 | 271.8 | 282.4 | 308.9 | 341.4 | 383.8 | 439.1 |
| 130°   | 239.2 | 242.3 | 248.3 | 259.7 | 274.0 | 285.0 | 296.0 | 321.7 | 351.3 | 389.9 | 438.3 |
| 132.5° | 249.1 | 251.3 | 259.7 | 270.3 | 286.2 | 296.4 | 306.6 | 332.3 | 361.1 | 395.2 | 437.6 |
| 135°   | 258.2 | 261.2 | 268.7 | 281.6 | 297.5 | 307.4 | 317.2 | 342.2 | 369.4 | 400.5 | 436.8 |
| 137.5° | 267.2 | 270.3 | 278.6 | 290.7 | 307.4 | 316.8 | 326.3 | 349.8 | 375.5 | 403.5 | 436.8 |
| 140°   | 277.1 | 279.3 | 287.7 | 300.5 | 316.4 | 325.5 | 334.6 | 357.3 | 381.5 | 407.3 | 436.1 |
| 142.5° | 287.7 | 289.9 | 297.5 | 309.6 | 324.8 | 333.5 | 342.2 | 364.1 | 386.1 | 410.3 | 436.1 |
| 145°   | 297.5 | 299.8 | 307.4 | 318.0 | 332.3 | 340.6 | 349.0 | 368.7 | 389.1 | 411.1 | 434.5 |
| 147.5° | 308.9 | 309.6 | 316.4 | 327.8 | 339.9 | 347.5 | 355.1 | 374.0 | 392.1 | 411.8 | 432.3 |
| 150°   | 319.5 | 320.2 | 326.3 | 335.4 | 346.7 | 353.9 | 361.1 | 377.8 | 394.4 | 411.8 | 430.0 |
| 152.5° | 329.3 | 329.3 | 335.4 | 343.7 | 353.5 | 360.0 | 366.4 | 380.8 | 395.9 | 410.3 | 426.2 |
| 155°   | 338.4 | 339.2 | 343.7 | 351.3 | 359.6 | 365.3 | 371.0 | 383.8 | 396.7 | 408.8 | 422.4 |
| 157.5° | 347.5 | 347.5 | 352.0 | 358.1 | 365.7 | 370.2 | 374.7 | 386.1 | 396.7 | 407.3 | 418.6 |
| 160°   | 355.8 | 355.8 | 358.8 | 364.1 | 370.2 | 374.4 | 378.5 | 387.6 | 396.7 | 405.0 | 414.1 |
| 162.5° | 363.4 | 362.6 | 364.9 | 369.4 | 374.7 | 377.8 | 380.8 | 389.1 | 396.7 | 402.7 | 409.6 |
| 165°   | 368.7 | 368.7 | 370.2 | 374.0 | 377.8 | 380.0 | 382.3 | 389.1 | 395.2 | 399.7 | 405.0 |
| 167.5° | 374.7 | 374.0 | 374.7 | 377.8 | 380.0 | 381.9 | 383.8 | 389.1 | 393.7 | 396.7 | 400.5 |
| 170°   | 378.5 | 377.8 | 378.5 | 380.8 | 382.3 | 383.5 | 384.6 | 388.4 | 392.1 | 393.7 | 395.9 |
| 172.5° | 382.3 | 381.5 | 381.5 | 383.1 | 383.8 | 384.6 | 385.3 | 387.6 | 390.6 | 390.6 | 391.4 |
| 175°   | 384.6 | 383.8 | 383.8 | 384.6 | 385.3 | 385.3 | 385.3 | 386.8 | 389.1 | 388.4 | 388.4 |
| 177.5° | 386.1 | 385.3 | 384.6 | 385.3 | 385.3 | 385.3 | 385.3 | 386.1 | 387.6 | 386.1 | 386.1 |
| 180°   | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 2000.6 | 2029.1 | 2041.8 | 2045.0 | 2062.4 | 2051.3 | 2056.1 | 2054.5 | 2067.2 | 2068.8 | 2068.8 |
| 5°     | 2146.5 | 2179.8 | 2190.9 | 2206.8 | 2230.6 | 2236.9 | 2232.2 | 2241.7 | 2259.2 | 2246.5 | 2265.5 |
| 7.5°   | 2300.4 | 2336.9 | 2362.3 | 2397.2 | 2405.1 | 2425.7 | 2438.4 | 2449.5 | 2452.7 | 2454.3 | 2457.5 |
| 10°    | 2443.2 | 2489.2 | 2524.1 | 2582.8 | 2595.5 | 2606.6 | 2662.1 | 2639.9 | 2668.5 | 2659.0 | 2662.1 |
| 12.5°  | 2559.0 | 2649.4 | 2678.0 | 2776.4 | 2785.9 | 2823.9 | 2820.8 | 2855.7 | 2862.0 | 2874.7 | 2862.0 |
| 15°    | 2711.3 | 2816.0 | 2862.0 | 2917.5 | 2949.3 | 2993.7 | 3001.6 | 3049.2 | 3068.3 | 3085.7 | 3068.3 |
| 17.5°  | 2850.9 | 2906.4 | 3023.8 | 3068.3 | 3088.9 | 3112.7 | 3173.0 | 3190.4 | 3219.0 | 3207.9 | 3239.6 |
| 20°    | 2920.7 | 3000.0 | 3123.8 | 3199.9 | 3231.7 | 3253.9 | 3304.7 | 3331.6 | 3342.7 | 3342.7 | 3345.9 |
| 22.5°  | 2982.6 | 3096.8 | 3188.8 | 3276.1 | 3304.7 | 3320.5 | 3350.7 | 3371.3 | 3376.0 | 3379.2 | 3382.4 |
| 25°    | 3038.1 | 3141.2 | 3215.8 | 3265.0 | 3276.1 | 3276.1 | 3293.5 | 3280.9 | 3260.2 | 3276.1 | 3285.6 |
| 27.5°  | 3038.1 | 3111.1 | 3144.4 | 3161.9 | 3161.9 | 3119.0 | 3093.6 | 3041.3 | 2996.9 | 2984.2 | 3012.7 |
| 30°    | 2987.4 | 3020.7 | 2974.7 | 2931.8 | 2898.5 | 2870.0 | 2770.0 | 2690.7 | 2674.8 | 2663.7 | 2706.5 |
| 32.5°  | 2870.0 | 2827.1 | 2736.7 | 2612.9 | 2563.8 | 2498.7 | 2421.0 | 2360.7 | 2324.2 | 2311.5 | 2302.0 |
| 35°    | 2662.1 | 2551.1 | 2433.7 | 2267.1 | 2232.2 | 2149.7 | 2043.4 | 1999.0 | 1938.7 | 1937.1 | 1957.7 |
| 37.5°  | 2435.3 | 2263.9 | 2137.0 | 1978.3 | 1929.2 | 1841.9 | 1742.0 | 1696.0 | 1654.7 | 1623.0 | 1661.1 |
| 40°    | 2170.3 | 2021.2 | 1827.6 | 1697.5 | 1627.7 | 1581.7 | 1497.6 | 1446.9 | 1427.8 | 1412.0 | 1435.8 |
| 42.5°  | 1922.8 | 1759.4 | 1608.7 | 1475.4 | 1418.3 | 1366.0 | 1310.4 | 1261.3 | 1247.0 | 1245.4 | 1262.8 |
| 45°    | 1676.9 | 1516.7 | 1377.1 | 1262.8 | 1226.4 | 1194.6 | 1140.7 | 1126.4 | 1102.6 | 1086.7 | 1094.7 |
| 47.5°  | 1480.2 | 1315.2 | 1199.4 | 1112.1 | 1080.4 | 1053.4 | 1018.5 | 994.7  | 974.1  | 967.8  | 977.3  |
| 50°    | 1286.6 | 1175.6 | 1056.6 | 983.6  | 959.8  | 934.4  | 907.5  | 885.3  | 875.7  | 869.4  | 875.7  |
| 52.5°  | 1131.2 | 1012.2 | 931.3  | 872.6  | 848.8  | 829.7  | 810.7  | 801.2  | 788.5  | 791.7  | 798.0  |
| 55°    | 991.6  | 886.8  | 818.6  | 775.8  | 761.5  | 753.6  | 729.8  | 718.7  | 713.9  | 710.7  | 713.9  |
| 57.5°  | 859.9  | 783.7  | 733.0  | 696.5  | 677.4  | 672.7  | 653.6  | 653.6  | 648.9  | 644.1  | 645.7  |
| 60°    | 755.2  | 690.1  | 640.9  | 612.4  | 609.2  | 601.3  | 588.6  | 587.0  | 575.9  | 580.7  | 582.2  |
| 62.5°  | 648.9  | 596.5  | 563.2  | 545.8  | 534.6  | 531.5  | 523.5  | 522.0  | 517.2  | 518.8  | 515.6  |
| 65°    | 564.8  | 522.0  | 488.6  | 474.4  | 469.6  | 468.0  | 461.7  | 456.9  | 453.7  | 456.9  | 453.7  |
| 67.5°  | 480.7  | 452.1  | 426.8  | 412.5  | 406.1  | 404.6  | 399.8  | 396.6  | 398.2  | 393.4  | 396.6  |
| 70°    | 401.4  | 372.8  | 357.0  | 349.0  | 345.9  | 341.1  | 341.1  | 341.1  | 341.1  | 337.9  | 336.3  |
| 72.5°  | 337.9  | 309.4  | 298.3  | 293.5  | 290.3  | 288.7  | 284.0  | 285.6  | 284.0  | 282.4  | 288.7  |
| 75°    | 268.1  | 250.7  | 239.6  | 234.8  | 238.0  | 233.2  | 228.5  | 231.6  | 226.9  | 228.5  | 234.8  |
| 77.5°  | 203.1  | 195.1  | 188.8  | 185.6  | 182.4  | 179.3  | 179.3  | 176.1  | 176.1  | 176.1  | 176.1  |
| 80°    | 147.5  | 146.0  | 134.9  | 133.3  | 133.3  | 130.1  | 130.1  | 130.1  | 130.1  | 128.5  | 130.1  |
| 82.5°  | 98.4   | 96.8   | 93.6   | 92.0   | 88.8   | 90.4   | 90.4   | 87.3   | 87.3   | 85.7   | 87.3   |
| 85°    | 57.1   | 57.1   | 53.9   | 52.4   | 50.8   | 52.4   | 49.2   | 47.6   | 49.2   | 47.6   | 49.2   |
| 87.5°  | 27.0   | 23.8   | 25.4   | 23.8   | 20.6   | 22.2   | 19.0   | 20.6   | 19.0   | 17.5   | 20.6   |
| 90°    | 12.9   | 13.6   | 14.4   | 15.1   | 15.1   | 15.1   | 15.9   | 16.7   | 15.9   | 15.9   | 15.9   |
| 92.5°  | 246.8  | 182.4  | 136.3  | 107.5  | 98.0   | 88.6   | 77.2   | 71.9   | 68.9   | 68.9   | 68.9   |
| 95°    | 634.4  | 561.0  | 443.6  | 342.2  | 305.4  | 268.7  | 231.7  | 208.2  | 194.6  | 184.7  | 194.6  |
| 97.5°  | 795.7  | 807.8  | 749.5  | 666.2  | 623.8  | 581.4  | 529.9  | 484.5  | 461.8  | 443.6  | 461.8  |
| 100°   | 802.5  | 913.0  | 928.1  | 891.0  | 863.0  | 835.0  | 769.2  | 723.0  | 700.3  | 694.2  | 700.3  |
| 102.5° | 745.7  | 907.7  | 997.8  | 1020.5 | 1013.0 | 1005.4 | 971.3  | 941.0  | 916.8  | 912.2  | 916.8  |
| 105°   | 674.5  | 847.9  | 978.9  | 1053.8 | 1069.3 | 1084.8 | 1086.4 | 1080.3 | 1069.7 | 1065.2 | 1069.7 |
| 107.5° | 616.2  | 774.5  | 916.0  | 1020.5 | 1052.3 | 1084.1 | 1117.4 | 1131.0 | 1137.1 | 1137.8 | 1137.1 |
| 110°   | 574.6  | 709.3  | 840.3  | 950.1  | 991.8  | 1033.4 | 1087.1 | 1118.9 | 1132.5 | 1139.3 | 1132.5 |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 551.1 | 661.7 | 773.7 | 875.9 | 917.6 | 959.2 | 1022.0 | 1062.1 | 1082.6 | 1094.7 | 1082.6 |
| 115°   | 538.3 | 632.9 | 726.0 | 814.6 | 851.0 | 887.3 | 947.1  | 992.5  | 1016.7 | 1022.8 | 1016.7 |
| 117.5° | 531.4 | 616.2 | 695.0 | 766.9 | 798.7 | 830.5 | 883.5  | 922.8  | 948.6  | 952.4  | 948.6  |
| 120°   | 526.1 | 605.6 | 676.0 | 736.6 | 763.5 | 790.4 | 833.5  | 866.8  | 886.5  | 894.8  | 886.5  |
| 122.5° | 520.1 | 596.5 | 663.9 | 717.7 | 740.4 | 763.1 | 797.9  | 825.2  | 841.1  | 849.4  | 841.1  |
| 125°   | 513.3 | 585.9 | 651.1 | 703.3 | 724.1 | 744.9 | 775.2  | 797.2  | 811.5  | 816.1  | 811.5  |
| 127.5° | 504.2 | 573.8 | 636.7 | 688.9 | 708.6 | 728.3 | 758.6  | 778.2  | 790.4  | 794.9  | 790.4  |
| 130°   | 495.9 | 558.7 | 618.5 | 670.0 | 690.0 | 710.1 | 741.1  | 760.1  | 772.2  | 776.7  | 772.2  |
| 132.5° | 488.3 | 542.8 | 598.1 | 648.0 | 668.1 | 688.2 | 718.4  | 740.4  | 751.7  | 756.3  | 751.7  |
| 135°   | 480.7 | 528.4 | 577.6 | 623.8 | 642.8 | 661.7 | 691.9  | 713.1  | 725.2  | 729.8  | 725.2  |
| 137.5° | 473.9 | 514.8 | 557.9 | 598.1 | 615.5 | 632.9 | 661.7  | 683.6  | 693.4  | 698.7  | 693.4  |
| 140°   | 468.6 | 503.4 | 539.0 | 573.1 | 589.0 | 604.9 | 631.4  | 648.0  | 658.6  | 664.7  | 658.6  |
| 142.5° | 464.1 | 492.8 | 523.1 | 551.1 | 564.4 | 577.6 | 600.3  | 615.5  | 624.6  | 628.3  | 624.6  |
| 145°   | 458.8 | 483.0 | 508.7 | 531.4 | 542.0 | 552.6 | 571.6  | 584.4  | 592.0  | 595.8  | 592.0  |
| 147.5° | 454.2 | 474.7 | 495.9 | 514.8 | 523.5 | 532.2 | 546.6  | 557.9  | 564.0  | 565.5  | 564.0  |
| 150°   | 448.9 | 467.1 | 484.5 | 499.6 | 506.4 | 513.3 | 525.4  | 535.2  | 539.8  | 540.5  | 539.8  |
| 152.5° | 442.9 | 458.8 | 473.2 | 486.8 | 492.1 | 497.4 | 507.2  | 514.8  | 517.1  | 517.8  | 517.1  |
| 155°   | 436.8 | 450.4 | 462.6 | 473.9 | 478.4 | 483.0 | 490.6  | 496.6  | 498.9  | 498.9  | 498.9  |
| 157.5° | 430.8 | 441.4 | 452.0 | 461.8 | 465.6 | 469.4 | 475.4  | 480.0  | 481.5  | 481.5  | 481.5  |
| 160°   | 423.9 | 433.0 | 441.4 | 449.7 | 452.7 | 455.7 | 460.3  | 464.8  | 465.6  | 465.6  | 465.6  |
| 162.5° | 417.9 | 424.7 | 431.5 | 437.6 | 440.2 | 442.9 | 445.9  | 450.4  | 451.2  | 450.4  | 451.2  |
| 165°   | 411.1 | 417.1 | 421.7 | 427.0 | 428.9 | 430.8 | 433.8  | 436.8  | 436.1  | 435.3  | 436.1  |
| 167.5° | 405.0 | 409.6 | 413.3 | 417.9 | 419.0 | 420.2 | 421.7  | 423.9  | 423.9  | 423.2  | 423.9  |
| 170°   | 399.0 | 402.7 | 405.0 | 408.0 | 409.2 | 410.3 | 411.8  | 412.6  | 411.8  | 411.8  | 411.8  |
| 172.5° | 393.7 | 396.7 | 398.2 | 399.7 | 400.4 | 401.2 | 402.0  | 402.7  | 402.0  | 400.5  | 402.0  |
| 175°   | 389.9 | 391.4 | 392.1 | 393.7 | 393.7 | 393.7 | 393.7  | 395.2  | 393.7  | 392.1  | 393.7  |
| 177.5° | 386.8 | 387.6 | 388.4 | 388.4 | 388.8 | 389.1 | 388.4  | 389.1  | 387.6  | 386.1  | 387.6  |
| 180°   | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3  | 385.3  | 385.3  | 385.3  | 385.3  |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 2065.6 | 2060.8 | 2054.5 | 2054.5 | 2046.6 | 2046.6 | 2033.9 | 2011.7 | 1992.6 | 1986.3 | 1989.5 |
| 5°     | 2241.7 | 2243.3 | 2233.8 | 2225.8 | 2211.6 | 2200.5 | 2179.8 | 2140.2 | 2127.5 | 2102.1 | 2084.6 |
| 7.5°   | 2443.2 | 2436.8 | 2419.4 | 2406.7 | 2403.5 | 2378.1 | 2333.7 | 2286.1 | 2248.1 | 2222.7 | 2186.2 |
| 10°    | 2670.1 | 2644.7 | 2619.3 | 2611.4 | 2592.3 | 2549.5 | 2498.7 | 2446.4 | 2394.0 | 2338.5 | 2276.6 |
| 12.5°  | 2860.4 | 2811.3 | 2809.7 | 2790.6 | 2754.1 | 2730.3 | 2670.1 | 2595.5 | 2505.1 | 2443.2 | 2373.4 |
| 15°    | 3065.1 | 3019.1 | 2981.0 | 2946.1 | 2928.7 | 2858.8 | 2808.1 | 2714.5 | 2606.6 | 2540.0 | 2492.4 |
| 17.5°  | 3211.0 | 3190.4 | 3125.4 | 3109.5 | 3085.7 | 3004.8 | 2923.9 | 2831.9 | 2738.3 | 2644.7 | 2516.2 |
| 20°    | 3328.4 | 3315.8 | 3272.9 | 3250.7 | 3212.6 | 3149.2 | 3050.8 | 2944.5 | 2836.6 | 2703.4 | 2582.8 |
| 22.5°  | 3379.2 | 3363.4 | 3328.4 | 3309.4 | 3285.6 | 3231.7 | 3147.6 | 3027.0 | 2885.8 | 2766.8 | 2638.3 |
| 25°    | 3279.3 | 3307.8 | 3298.3 | 3290.4 | 3280.9 | 3249.1 | 3185.7 | 3079.4 | 2941.3 | 2806.5 | 2646.3 |
| 27.5°  | 3054.0 | 3103.2 | 3150.8 | 3157.1 | 3173.0 | 3185.7 | 3160.3 | 3084.1 | 2968.3 | 2825.5 | 2649.4 |
| 30°    | 2751.0 | 2773.2 | 2870.0 | 2898.5 | 2920.7 | 3001.6 | 3049.2 | 3030.2 | 2941.3 | 2812.8 | 2651.0 |
| 32.5°  | 2362.3 | 2421.0 | 2519.3 | 2587.6 | 2647.8 | 2738.3 | 2862.0 | 2911.2 | 2879.5 | 2774.8 | 2614.5 |
| 35°    | 1994.2 | 2064.0 | 2178.2 | 2265.5 | 2325.8 | 2454.3 | 2600.3 | 2706.5 | 2746.2 | 2693.9 | 2551.1 |
| 37.5°  | 1692.8 | 1776.9 | 1878.4 | 1911.7 | 1981.5 | 2140.2 | 2341.7 | 2489.2 | 2586.0 | 2590.7 | 2479.7 |
| 40°    | 1465.9 | 1508.7 | 1589.7 | 1640.4 | 1708.6 | 1841.9 | 2038.6 | 2233.8 | 2379.7 | 2428.9 | 2370.2 |
| 42.5°  | 1273.9 | 1307.3 | 1367.6 | 1429.4 | 1491.3 | 1592.8 | 1773.7 | 1956.1 | 2152.9 | 2251.2 | 2249.6 |
| 45°    | 1121.6 | 1156.5 | 1197.8 | 1248.6 | 1291.4 | 1400.9 | 1543.7 | 1730.9 | 1900.6 | 2052.9 | 2091.0 |
| 47.5°  | 988.4  | 1018.5 | 1069.3 | 1091.5 | 1120.1 | 1223.2 | 1346.9 | 1521.4 | 1697.5 | 1872.1 | 1916.5 |
| 50°    | 890.0  | 915.4  | 950.3  | 964.6  | 996.3  | 1072.5 | 1174.0 | 1315.2 | 1510.3 | 1670.6 | 1753.1 |
| 52.5°  | 801.2  | 820.2  | 847.2  | 858.3  | 880.5  | 937.6  | 1029.6 | 1140.7 | 1302.5 | 1467.5 | 1583.3 |
| 55°    | 725.0  | 737.7  | 756.8  | 769.4  | 785.3  | 836.1  | 904.3  | 1004.2 | 1143.9 | 1286.6 | 1399.3 |
| 57.5°  | 653.6  | 663.2  | 682.2  | 688.5  | 701.2  | 740.9  | 788.5  | 872.6  | 1001.1 | 1128.0 | 1237.5 |
| 60°    | 587.0  | 593.3  | 604.5  | 618.7  | 628.2  | 655.2  | 699.6  | 769.4  | 872.6  | 988.4  | 1077.2 |
| 62.5°  | 523.5  | 533.1  | 536.2  | 542.6  | 550.5  | 575.9  | 610.8  | 661.6  | 752.0  | 847.2  | 940.8  |
| 65°    | 458.5  | 466.4  | 472.8  | 474.4  | 482.3  | 501.3  | 533.1  | 577.5  | 636.2  | 718.7  | 805.9  |
| 67.5°  | 398.2  | 403.0  | 406.1  | 412.5  | 420.4  | 429.9  | 455.3  | 488.6  | 542.6  | 609.2  | 679.0  |
| 70°    | 342.7  | 342.7  | 347.4  | 349.0  | 358.5  | 369.7  | 380.8  | 412.5  | 460.1  | 514.0  | 561.6  |
| 72.5°  | 282.4  | 290.3  | 288.7  | 296.7  | 295.1  | 303.0  | 317.3  | 337.9  | 372.8  | 415.7  | 461.7  |
| 75°    | 230.0  | 234.8  | 234.8  | 234.8  | 238.0  | 244.3  | 252.3  | 271.3  | 298.3  | 333.2  | 360.1  |
| 77.5°  | 179.3  | 182.4  | 182.4  | 182.4  | 184.0  | 190.4  | 198.3  | 211.0  | 230.0  | 250.7  | 266.5  |
| 80°    | 128.5  | 131.7  | 131.7  | 134.9  | 134.9  | 136.4  | 144.4  | 150.7  | 160.2  | 176.1  | 192.0  |
| 82.5°  | 87.3   | 88.8   | 92.0   | 92.0   | 90.4   | 93.6   | 95.2   | 101.5  | 111.1  | 114.2  | 125.3  |
| 85°    | 47.6   | 49.2   | 50.8   | 50.8   | 52.4   | 55.5   | 53.9   | 60.3   | 60.3   | 66.6   | 69.8   |
| 87.5°  | 19.0   | 22.2   | 22.2   | 20.6   | 22.2   | 22.2   | 22.2   | 25.4   | 27.0   | 28.6   | 27.0   |
| 90°    | 16.7   | 15.9   | 15.1   | 15.1   | 15.1   | 14.4   | 13.6   | 12.9   | 13.6   | 12.1   | 10.6   |
| 92.5°  | 71.9   | 77.2   | 88.6   | 98.0   | 107.5  | 136.3  | 182.4  | 246.8  | 296.8  | 259.7  | 188.5  |
| 95°    | 208.2  | 231.7  | 268.7  | 305.4  | 342.2  | 443.6  | 561.0  | 634.4  | 617.0  | 465.6  | 284.6  |
| 97.5°  | 484.5  | 529.9  | 581.4  | 623.8  | 666.2  | 749.5  | 807.8  | 795.7  | 660.1  | 445.9  | 259.7  |
| 100°   | 723.0  | 769.2  | 835.0  | 863.0  | 891.0  | 928.1  | 913.0  | 802.5  | 608.7  | 395.2  | 240.7  |
| 102.5° | 941.0  | 971.3  | 1005.4 | 1013.0 | 1020.5 | 997.8  | 907.7  | 745.7  | 544.3  | 361.1  | 235.4  |
| 105°   | 1080.3 | 1086.4 | 1084.8 | 1069.3 | 1053.8 | 978.9  | 847.9  | 674.5  | 496.6  | 344.5  | 238.5  |
| 107.5° | 1131.0 | 1117.4 | 1084.1 | 1052.3 | 1020.5 | 916.0  | 774.5  | 616.2  | 465.6  | 339.9  | 247.6  |
| 110°   | 1118.9 | 1087.1 | 1033.4 | 991.8  | 950.1  | 840.3  | 709.3  | 574.6  | 451.2  | 341.4  | 258.2  |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1062.1 | 1022.0 | 959.2 | 917.6  | 875.9 | 773.7 | 661.7 | 551.1 | 444.4 | 346.0 | 269.5 |
| 115°   | 992.5  | 947.1  | 887.3 | 851.0  | 814.6 | 726.0 | 632.9 | 538.3 | 442.9 | 352.0 | 281.6 |
| 117.5° | 922.8  | 883.5  | 830.5 | 798.7  | 766.9 | 695.0 | 616.2 | 531.4 | 442.1 | 358.1 | 293.7 |
| 120°   | 866.8  | 833.5  | 790.4 | 763.5  | 736.6 | 676.0 | 605.6 | 526.1 | 442.1 | 364.9 | 306.6 |
| 122.5° | 825.2  | 797.9  | 763.1 | 740.4  | 717.7 | 663.9 | 596.5 | 520.1 | 441.4 | 371.7 | 318.7 |
| 125°   | 797.2  | 775.2  | 744.9 | 724.1  | 703.3 | 651.1 | 585.9 | 513.3 | 440.6 | 378.5 | 330.8 |
| 127.5° | 778.2  | 758.6  | 728.3 | 708.6  | 688.9 | 636.7 | 573.8 | 504.2 | 439.1 | 383.8 | 341.4 |
| 130°   | 760.1  | 741.1  | 710.1 | 690.0  | 670.0 | 618.5 | 558.7 | 495.9 | 438.3 | 389.9 | 351.3 |
| 132.5° | 740.4  | 718.4  | 688.2 | 668.1  | 648.0 | 598.1 | 542.8 | 488.3 | 437.6 | 395.2 | 361.1 |
| 135°   | 713.1  | 691.9  | 661.7 | 642.8  | 623.8 | 577.6 | 528.4 | 480.7 | 436.8 | 400.5 | 369.4 |
| 137.5° | 683.6  | 661.7  | 632.9 | 615.5  | 598.1 | 557.9 | 514.8 | 473.9 | 436.8 | 403.5 | 375.5 |
| 140°   | 648.0  | 631.4  | 604.9 | 589.0  | 573.1 | 539.0 | 503.4 | 468.6 | 436.1 | 407.3 | 381.5 |
| 142.5° | 615.5  | 600.3  | 577.6 | 564.4  | 551.1 | 523.1 | 492.8 | 464.1 | 436.1 | 410.3 | 386.1 |
| 145°   | 584.4  | 571.6  | 552.6 | 542.0  | 531.4 | 508.7 | 483.0 | 458.8 | 434.5 | 411.1 | 389.1 |
| 147.5° | 557.9  | 546.6  | 532.2 | 523.5  | 514.8 | 495.9 | 474.7 | 454.2 | 432.3 | 411.8 | 392.1 |
| 150°   | 535.2  | 525.4  | 513.3 | 506.4  | 499.6 | 484.5 | 467.1 | 448.9 | 430.0 | 411.8 | 394.4 |
| 152.5° | 514.8  | 507.2  | 497.4 | 492.1  | 486.8 | 473.2 | 458.8 | 442.9 | 426.2 | 410.3 | 395.9 |
| 155°   | 496.6  | 490.6  | 483.0 | 478.4  | 473.9 | 462.6 | 450.4 | 436.8 | 422.4 | 408.8 | 396.7 |
| 157.5° | 480.0  | 475.4  | 469.4 | 465.6  | 461.8 | 452.0 | 441.4 | 430.8 | 418.6 | 407.3 | 396.7 |
| 160°   | 464.8  | 460.3  | 455.7 | 452.7  | 449.7 | 441.4 | 433.0 | 423.9 | 414.1 | 405.0 | 396.7 |
| 162.5° | 450.4  | 445.9  | 442.9 | 440.2  | 437.6 | 431.5 | 424.7 | 417.9 | 409.6 | 402.7 | 396.7 |
| 165°   | 436.8  | 433.8  | 430.8 | 428.9  | 427.0 | 421.7 | 417.1 | 411.1 | 405.0 | 399.7 | 395.2 |
| 167.5° | 423.9  | 421.7  | 420.2 | 419.0  | 417.9 | 413.3 | 409.6 | 405.0 | 400.5 | 396.7 | 393.7 |
| 170°   | 412.6  | 411.8  | 410.3 | 409.2  | 408.0 | 405.0 | 402.7 | 399.0 | 395.9 | 393.7 | 392.1 |
| 172.5° | 402.7  | 402.0  | 401.2 | 400.4  | 399.7 | 398.2 | 396.7 | 393.7 | 391.4 | 390.6 | 390.6 |
| 175°   | 395.2  | 393.7  | 393.7 | 393.7  | 393.7 | 392.1 | 391.4 | 389.9 | 388.4 | 388.4 | 389.1 |
| 177.5° | 389.1  | 388.4  | 389.1 | 388.8  | 388.4 | 388.4 | 387.6 | 386.8 | 386.1 | 386.1 | 387.6 |
| 180°   | 385.3  | 385.3  | 385.3 | 385.3  | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1975.2 | 1968.8 | 1964.1 | 1964.1 | 1949.8 | 1935.5 | 1927.6 | 1924.4 | 1921.2 | 1908.5 | 1891.1 |
| 5°     | 2056.1 | 2035.5 | 2021.2 | 2006.9 | 1983.1 | 1957.7 | 1932.3 | 1918.1 | 1897.4 | 1868.9 | 1848.3 |
| 7.5°   | 2146.5 | 2097.3 | 2081.5 | 2064.0 | 2016.4 | 1973.6 | 1938.7 | 1908.5 | 1875.2 | 1838.7 | 1802.2 |
| 10°    | 2222.7 | 2170.3 | 2135.4 | 2105.3 | 2043.4 | 1986.3 | 1933.9 | 1889.5 | 1846.7 | 1799.1 | 1754.7 |
| 12.5°  | 2295.6 | 2221.1 | 2184.6 | 2140.2 | 2075.1 | 1992.6 | 1924.4 | 1868.9 | 1805.4 | 1756.2 | 1702.3 |
| 15°    | 2397.2 | 2271.8 | 2211.6 | 2183.0 | 2095.7 | 1999.0 | 1916.5 | 1834.0 | 1781.6 | 1707.1 | 1659.5 |
| 17.5°  | 2413.0 | 2311.5 | 2271.8 | 2198.9 | 2094.2 | 1984.7 | 1889.5 | 1807.0 | 1727.7 | 1661.1 | 1599.2 |
| 20°    | 2468.6 | 2335.3 | 2271.8 | 2225.8 | 2087.8 | 1976.8 | 1872.1 | 1765.8 | 1689.6 | 1618.2 | 1548.4 |
| 22.5°  | 2503.5 | 2352.8 | 2286.1 | 2213.1 | 2081.5 | 1948.2 | 1824.5 | 1732.4 | 1638.8 | 1565.9 | 1510.3 |
| 25°    | 2494.0 | 2343.2 | 2268.7 | 2200.5 | 2040.2 | 1907.0 | 1795.9 | 1678.5 | 1591.2 | 1511.9 | 1438.9 |
| 27.5°  | 2489.2 | 2319.4 | 2240.1 | 2164.0 | 2013.3 | 1873.6 | 1734.0 | 1638.8 | 1542.1 | 1450.0 | 1396.1 |
| 30°    | 2476.5 | 2289.3 | 2197.3 | 2114.8 | 1957.7 | 1811.8 | 1692.8 | 1581.7 | 1485.0 | 1400.9 | 1329.5 |
| 32.5°  | 2433.7 | 2238.5 | 2149.7 | 2060.8 | 1897.4 | 1751.5 | 1630.9 | 1527.8 | 1431.0 | 1343.8 | 1275.5 |
| 35°    | 2376.6 | 2178.2 | 2081.5 | 1987.9 | 1824.5 | 1676.9 | 1565.9 | 1458.0 | 1367.6 | 1283.5 | 1218.4 |
| 37.5°  | 2319.4 | 2108.4 | 2018.0 | 1910.1 | 1759.4 | 1605.5 | 1491.3 | 1394.5 | 1310.4 | 1223.2 | 1151.8 |
| 40°    | 2236.9 | 2025.9 | 1926.0 | 1834.0 | 1657.9 | 1513.5 | 1408.8 | 1321.5 | 1239.0 | 1156.5 | 1096.3 |
| 42.5°  | 2124.3 | 1935.5 | 1832.4 | 1730.9 | 1565.9 | 1423.1 | 1321.5 | 1243.8 | 1166.1 | 1097.8 | 1031.2 |
| 45°    | 2010.1 | 1826.0 | 1734.0 | 1643.6 | 1464.3 | 1329.5 | 1235.9 | 1164.5 | 1099.4 | 1024.9 | 970.9  |
| 47.5°  | 1872.1 | 1716.6 | 1624.6 | 1535.7 | 1366.0 | 1231.1 | 1145.4 | 1078.8 | 1018.5 | 956.7  | 905.9  |
| 50°    | 1730.9 | 1596.0 | 1511.9 | 1419.9 | 1258.1 | 1135.9 | 1051.8 | 996.3  | 947.1  | 888.4  | 847.2  |
| 52.5°  | 1578.6 | 1461.2 | 1389.8 | 1300.9 | 1158.1 | 1045.5 | 959.8  | 904.3  | 863.0  | 820.2  | 783.7  |
| 55°    | 1416.7 | 1331.1 | 1254.9 | 1183.5 | 1048.7 | 947.1  | 871.0  | 821.8  | 793.2  | 753.6  | 721.9  |
| 57.5°  | 1270.8 | 1188.3 | 1142.3 | 1061.4 | 944.0  | 844.0  | 783.7  | 742.5  | 709.2  | 685.4  | 660.0  |
| 60°    | 1118.5 | 1051.8 | 1001.1 | 942.4  | 839.3  | 755.2  | 691.7  | 667.9  | 633.0  | 615.6  | 604.5  |
| 62.5°  | 972.5  | 924.9  | 877.3  | 832.9  | 740.9  | 661.6  | 614.0  | 583.8  | 563.2  | 545.8  | 536.2  |
| 65°    | 834.5  | 790.1  | 756.8  | 717.1  | 640.9  | 577.5  | 533.1  | 509.3  | 488.6  | 483.9  | 472.8  |
| 67.5°  | 699.6  | 680.6  | 644.1  | 612.4  | 547.3  | 498.2  | 464.8  | 434.7  | 423.6  | 418.8  | 409.3  |
| 70°    | 585.4  | 563.2  | 534.6  | 507.7  | 458.5  | 415.7  | 385.5  | 374.4  | 358.5  | 357.0  | 345.9  |
| 72.5°  | 482.3  | 455.3  | 434.7  | 414.1  | 377.6  | 339.5  | 323.6  | 307.8  | 299.8  | 293.5  | 288.7  |
| 75°    | 382.3  | 363.3  | 349.0  | 331.6  | 299.8  | 274.5  | 252.3  | 245.9  | 241.1  | 239.6  | 236.4  |
| 77.5°  | 285.6  | 272.9  | 266.5  | 249.1  | 226.9  | 204.7  | 195.1  | 185.6  | 185.6  | 182.4  | 184.0  |
| 80°    | 203.1  | 195.1  | 187.2  | 177.7  | 158.6  | 149.1  | 141.2  | 134.9  | 131.7  | 130.1  | 131.7  |
| 82.5°  | 128.5  | 123.7  | 122.2  | 115.8  | 103.1  | 98.4   | 92.0   | 87.3   | 87.3   | 87.3   | 87.3   |
| 85°    | 71.4   | 71.4   | 71.4   | 61.9   | 57.1   | 52.4   | 49.2   | 47.6   | 47.6   | 47.6   | 49.2   |
| 87.5°  | 30.1   | 30.1   | 25.4   | 25.4   | 23.8   | 20.6   | 19.0   | 19.0   | 20.6   | 20.6   | 22.2   |
| 90°    | 10.6   | 6.1    | 6.1    | 6.1    | 5.3    | 4.5    | 2.3    | 0.8    | 2.3    | 4.5    | 5.3    |
| 92.5°  | 115.1  | 68.1   | 58.3   | 48.5   | 34.8   | 23.5   | 15.1   | 10.6   | 15.1   | 23.5   | 34.8   |
| 95°    | 160.5  | 94.6   | 78.7   | 62.8   | 44.7   | 34.8   | 27.3   | 25.0   | 27.3   | 34.8   | 44.7   |
| 97.5°  | 152.9  | 100.7  | 87.1   | 73.4   | 57.5   | 48.5   | 41.6   | 41.6   | 41.6   | 48.5   | 57.5   |
| 100°   | 155.2  | 110.5  | 98.4   | 86.3   | 71.9   | 62.8   | 57.5   | 57.5   | 57.5   | 62.8   | 71.9   |
| 102.5° | 162.8  | 123.4  | 112.0  | 100.7  | 87.1   | 78.7   | 74.2   | 72.7   | 74.2   | 78.7   | 87.1   |
| 105°   | 175.6  | 139.3  | 128.3  | 117.3  | 103.7  | 94.6   | 90.8   | 88.6   | 90.8   | 94.6   | 103.7  |
| 107.5° | 189.3  | 156.0  | 145.0  | 134.0  | 121.1  | 111.3  | 107.5  | 106.0  | 107.5  | 111.3  | 121.1  |
| 110°   | 205.2  | 171.8  | 161.6  | 151.4  | 137.8  | 128.7  | 124.9  | 123.4  | 124.9  | 128.7  | 137.8  |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 220.3 | 188.5 | 178.3  | 168.1 | 154.4 | 146.1 | 141.6 | 140.1 | 141.6 | 146.1 | 154.4 |
| 115°   | 236.2 | 205.9 | 195.7  | 185.5 | 171.1 | 163.5 | 158.2 | 156.0 | 158.2 | 163.5 | 171.1 |
| 117.5° | 251.3 | 222.6 | 212.0  | 201.4 | 187.7 | 179.4 | 174.9 | 172.6 | 174.9 | 179.4 | 187.7 |
| 120°   | 267.2 | 238.5 | 227.9  | 217.3 | 204.4 | 196.1 | 190.8 | 189.3 | 190.8 | 196.1 | 204.4 |
| 122.5° | 282.4 | 253.6 | 243.4  | 233.2 | 218.8 | 211.2 | 205.9 | 204.4 | 205.9 | 211.2 | 218.8 |
| 125°   | 296.0 | 268.7 | 258.2  | 247.6 | 233.2 | 224.8 | 220.3 | 217.3 | 220.3 | 224.8 | 233.2 |
| 127.5° | 308.9 | 282.4 | 271.8  | 261.2 | 246.0 | 237.0 | 231.7 | 229.4 | 231.7 | 237.0 | 246.0 |
| 130°   | 321.7 | 296.0 | 285.0  | 274.0 | 259.7 | 248.3 | 242.3 | 239.2 | 242.3 | 248.3 | 259.7 |
| 132.5° | 332.3 | 306.6 | 296.4  | 286.2 | 270.3 | 259.7 | 251.3 | 249.1 | 251.3 | 259.7 | 270.3 |
| 135°   | 342.2 | 317.2 | 307.4  | 297.5 | 281.6 | 268.7 | 261.2 | 258.2 | 261.2 | 268.7 | 281.6 |
| 137.5° | 349.8 | 326.3 | 316.8  | 307.4 | 290.7 | 278.6 | 270.3 | 267.2 | 270.3 | 278.6 | 290.7 |
| 140°   | 357.3 | 334.6 | 325.5  | 316.4 | 300.5 | 287.7 | 279.3 | 277.1 | 279.3 | 287.7 | 300.5 |
| 142.5° | 364.1 | 342.2 | 333.5  | 324.8 | 309.6 | 297.5 | 289.9 | 287.7 | 289.9 | 297.5 | 309.6 |
| 145°   | 368.7 | 349.0 | 340.6  | 332.3 | 318.0 | 307.4 | 299.8 | 297.5 | 299.8 | 307.4 | 318.0 |
| 147.5° | 374.0 | 355.1 | 347.5  | 339.9 | 327.8 | 316.4 | 309.6 | 308.9 | 309.6 | 316.4 | 327.8 |
| 150°   | 377.8 | 361.1 | 353.9  | 346.7 | 335.4 | 326.3 | 320.2 | 319.5 | 320.2 | 326.3 | 335.4 |
| 152.5° | 380.8 | 366.4 | 360.0  | 353.5 | 343.7 | 335.4 | 329.3 | 329.3 | 329.3 | 335.4 | 343.7 |
| 155°   | 383.8 | 371.0 | 365.3  | 359.6 | 351.3 | 343.7 | 339.2 | 338.4 | 339.2 | 343.7 | 351.3 |
| 157.5° | 386.1 | 374.7 | 370.2  | 365.7 | 358.1 | 352.0 | 347.5 | 347.5 | 347.5 | 352.0 | 358.1 |
| 160°   | 387.6 | 378.5 | 374.4  | 370.2 | 364.1 | 358.8 | 355.8 | 355.8 | 355.8 | 358.8 | 364.1 |
| 162.5° | 389.1 | 380.8 | 377.8  | 374.7 | 369.4 | 364.9 | 362.6 | 363.4 | 362.6 | 364.9 | 369.4 |
| 165°   | 389.1 | 382.3 | 380.0  | 377.8 | 374.0 | 370.2 | 368.7 | 368.7 | 368.7 | 370.2 | 374.0 |
| 167.5° | 389.1 | 383.8 | 381.9  | 380.0 | 377.8 | 374.7 | 374.0 | 374.7 | 374.0 | 374.7 | 377.8 |
| 170°   | 388.4 | 384.6 | 383.5  | 382.3 | 380.8 | 378.5 | 377.8 | 378.5 | 377.8 | 378.5 | 380.8 |
| 172.5° | 387.6 | 385.3 | 384.6  | 383.8 | 383.1 | 381.5 | 381.5 | 382.3 | 381.5 | 381.5 | 383.1 |
| 175°   | 386.8 | 385.3 | 385.3  | 385.3 | 384.6 | 383.8 | 383.8 | 384.6 | 383.8 | 383.8 | 384.6 |
| 177.5° | 386.1 | 385.3 | 385.3  | 385.3 | 385.3 | 384.6 | 385.3 | 386.1 | 385.3 | 384.6 | 385.3 |
| 180°   | 385.3 | 385.3 | 385.3  | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1886.3 | 1880.0 | 1883.2 | 1867.3 | 1853.0 | 1832.4 | 1814.9 | 1811.8 | 1808.6 | 1818.1 | 1811.8 |
| 5°     | 1832.4 | 1824.5 | 1816.5 | 1797.5 | 1768.9 | 1751.5 | 1726.1 | 1724.5 | 1715.0 | 1700.7 | 1703.9 |
| 7.5°   | 1773.7 | 1768.9 | 1757.8 | 1727.7 | 1702.3 | 1672.2 | 1651.5 | 1634.1 | 1626.1 | 1613.5 | 1608.7 |
| 10°    | 1726.1 | 1708.6 | 1699.1 | 1665.8 | 1635.7 | 1603.9 | 1577.0 | 1564.3 | 1550.0 | 1538.9 | 1531.0 |
| 12.5°  | 1661.1 | 1656.3 | 1629.3 | 1602.4 | 1577.0 | 1540.5 | 1519.9 | 1483.4 | 1464.3 | 1473.8 | 1470.7 |
| 15°    | 1618.2 | 1596.0 | 1589.7 | 1551.6 | 1508.7 | 1485.0 | 1446.9 | 1423.1 | 1415.1 | 1400.9 | 1383.4 |
| 17.5°  | 1561.1 | 1546.8 | 1524.6 | 1489.7 | 1440.5 | 1407.2 | 1380.2 | 1358.0 | 1348.5 | 1329.5 | 1315.2 |
| 20°    | 1507.2 | 1483.4 | 1465.9 | 1434.2 | 1386.6 | 1343.8 | 1310.4 | 1296.2 | 1272.4 | 1256.5 | 1248.6 |
| 22.5°  | 1458.0 | 1440.5 | 1415.1 | 1367.6 | 1326.3 | 1285.1 | 1245.4 | 1224.8 | 1202.6 | 1193.0 | 1180.3 |
| 25°    | 1397.7 | 1369.1 | 1351.7 | 1299.3 | 1254.9 | 1221.6 | 1185.1 | 1158.1 | 1145.4 | 1129.6 | 1126.4 |
| 27.5°  | 1339.0 | 1312.0 | 1291.4 | 1245.4 | 1191.5 | 1148.6 | 1126.4 | 1107.4 | 1085.2 | 1085.2 | 1077.2 |
| 30°    | 1280.3 | 1261.3 | 1229.5 | 1185.1 | 1134.3 | 1093.1 | 1067.7 | 1050.3 | 1042.3 | 1036.0 | 1034.4 |
| 32.5°  | 1221.6 | 1196.2 | 1177.2 | 1116.9 | 1078.8 | 1040.7 | 1021.7 | 1007.4 | 997.9  | 996.3  | 997.9  |
| 35°    | 1161.3 | 1132.8 | 1113.7 | 1059.8 | 1021.7 | 986.8  | 978.9  | 966.2  | 961.4  | 959.8  | 967.8  |
| 37.5°  | 1097.8 | 1075.6 | 1051.8 | 1007.4 | 964.6  | 944.0  | 928.1  | 923.3  | 921.7  | 931.3  | 934.4  |
| 40°    | 1039.1 | 1020.1 | 997.9  | 950.3  | 918.6  | 896.4  | 888.4  | 883.7  | 890.0  | 899.5  | 904.3  |
| 42.5°  | 983.6  | 956.7  | 939.2  | 896.4  | 867.8  | 855.1  | 845.6  | 845.6  | 851.9  | 863.0  | 871.0  |
| 45°    | 924.9  | 904.3  | 886.8  | 848.8  | 823.4  | 809.1  | 807.5  | 809.1  | 817.0  | 825.0  | 834.5  |
| 47.5°  | 867.8  | 847.2  | 828.1  | 796.4  | 774.2  | 766.3  | 764.7  | 766.3  | 779.0  | 790.1  | 801.2  |
| 50°    | 815.5  | 793.2  | 775.8  | 745.6  | 728.2  | 718.7  | 720.3  | 728.2  | 737.7  | 753.6  | 767.9  |
| 52.5°  | 753.6  | 737.7  | 721.9  | 694.9  | 679.0  | 672.7  | 677.4  | 683.8  | 701.2  | 712.3  | 729.8  |
| 55°    | 693.3  | 679.0  | 666.3  | 645.7  | 633.0  | 628.2  | 631.4  | 640.9  | 655.2  | 674.3  | 694.9  |
| 57.5°  | 637.8  | 621.9  | 609.2  | 594.9  | 580.7  | 582.2  | 583.8  | 596.5  | 614.0  | 631.4  | 655.2  |
| 60°    | 575.9  | 566.4  | 555.3  | 537.8  | 531.5  | 531.5  | 536.2  | 550.5  | 566.4  | 594.9  | 615.6  |
| 62.5°  | 520.4  | 507.7  | 499.7  | 488.6  | 479.1  | 480.7  | 491.8  | 504.5  | 523.5  | 547.3  | 574.3  |
| 65°    | 463.3  | 449.0  | 442.6  | 433.1  | 429.9  | 431.5  | 439.5  | 458.5  | 479.1  | 499.7  | 525.1  |
| 67.5°  | 399.8  | 395.0  | 388.7  | 379.2  | 382.3  | 383.9  | 391.9  | 407.7  | 429.9  | 450.6  | 479.1  |
| 70°    | 345.9  | 336.3  | 334.7  | 326.8  | 326.8  | 331.6  | 347.4  | 358.5  | 379.2  | 401.4  | 431.5  |
| 72.5°  | 288.7  | 280.8  | 280.8  | 274.5  | 279.2  | 284.0  | 291.9  | 307.8  | 326.8  | 349.0  | 374.4  |
| 75°    | 230.0  | 226.9  | 230.0  | 226.9  | 226.9  | 234.8  | 244.3  | 257.0  | 277.6  | 301.4  | 322.1  |
| 77.5°  | 177.7  | 177.7  | 176.1  | 180.9  | 180.9  | 185.6  | 198.3  | 211.0  | 226.9  | 245.9  | 268.1  |
| 80°    | 130.1  | 130.1  | 130.1  | 134.9  | 139.6  | 139.6  | 147.5  | 163.4  | 177.7  | 190.4  | 211.0  |
| 82.5°  | 88.8   | 88.8   | 88.8   | 92.0   | 98.4   | 98.4   | 107.9  | 117.4  | 133.3  | 144.4  | 153.9  |
| 85°    | 53.9   | 53.9   | 52.4   | 55.5   | 57.1   | 61.9   | 69.8   | 76.2   | 84.1   | 93.6   | 103.1  |
| 87.5°  | 23.8   | 23.8   | 25.4   | 27.0   | 28.6   | 31.7   | 34.9   | 38.1   | 46.0   | 49.2   | 53.9   |
| 90°    | 6.1    | 6.1    | 6.1    | 10.6   | 10.6   | 12.1   | 13.6   | 12.9   | 13.6   | 14.4   | 15.1   |
| 92.5°  | 48.5   | 58.3   | 68.1   | 115.1  | 188.5  | 259.7  | 296.8  | 246.8  | 182.4  | 136.3  | 107.5  |
| 95°    | 62.8   | 78.7   | 94.6   | 160.5  | 284.6  | 465.6  | 617.0  | 634.4  | 561.0  | 443.6  | 342.2  |
| 97.5°  | 73.4   | 87.1   | 100.7  | 152.9  | 259.7  | 445.9  | 660.1  | 795.7  | 807.8  | 749.5  | 666.2  |
| 100°   | 86.3   | 98.4   | 110.5  | 155.2  | 240.7  | 395.2  | 608.7  | 802.5  | 913.0  | 928.1  | 891.0  |
| 102.5° | 100.7  | 112.0  | 123.4  | 162.8  | 235.4  | 361.1  | 544.3  | 745.7  | 907.7  | 997.8  | 1020.5 |
| 105°   | 117.3  | 128.3  | 139.3  | 175.6  | 238.5  | 344.5  | 496.6  | 674.5  | 847.9  | 978.9  | 1053.8 |
| 107.5° | 134.0  | 145.0  | 156.0  | 189.3  | 247.6  | 339.9  | 465.6  | 616.2  | 774.5  | 916.0  | 1020.5 |
| 110°   | 151.4  | 161.6  | 171.8  | 205.2  | 258.2  | 341.4  | 451.2  | 574.6  | 709.3  | 840.3  | 950.1  |



TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.1 | 178.3  | 188.5 | 220.3 | 269.5 | 346.0 | 444.4 | 551.1 | 661.7 | 773.7 | 875.9 |
| 115°   | 185.5 | 195.7  | 205.9 | 236.2 | 281.6 | 352.0 | 442.9 | 538.3 | 632.9 | 726.0 | 814.6 |
| 117.5° | 201.4 | 212.0  | 222.6 | 251.3 | 293.7 | 358.1 | 442.1 | 531.4 | 616.2 | 695.0 | 766.9 |
| 120°   | 217.3 | 227.9  | 238.5 | 267.2 | 306.6 | 364.9 | 442.1 | 526.1 | 605.6 | 676.0 | 736.6 |
| 122.5° | 233.2 | 243.4  | 253.6 | 282.4 | 318.7 | 371.7 | 441.4 | 520.1 | 596.5 | 663.9 | 717.7 |
| 125°   | 247.6 | 258.2  | 268.7 | 296.0 | 330.8 | 378.5 | 440.6 | 513.3 | 585.9 | 651.1 | 703.3 |
| 127.5° | 261.2 | 271.8  | 282.4 | 308.9 | 341.4 | 383.8 | 439.1 | 504.2 | 573.8 | 636.7 | 688.9 |
| 130°   | 274.0 | 285.0  | 296.0 | 321.7 | 351.3 | 389.9 | 438.3 | 495.9 | 558.7 | 618.5 | 670.0 |
| 132.5° | 286.2 | 296.4  | 306.6 | 332.3 | 361.1 | 395.2 | 437.6 | 488.3 | 542.8 | 598.1 | 648.0 |
| 135°   | 297.5 | 307.4  | 317.2 | 342.2 | 369.4 | 400.5 | 436.8 | 480.7 | 528.4 | 577.6 | 623.8 |
| 137.5° | 307.4 | 316.8  | 326.3 | 349.8 | 375.5 | 403.5 | 436.8 | 473.9 | 514.8 | 557.9 | 598.1 |
| 140°   | 316.4 | 325.5  | 334.6 | 357.3 | 381.5 | 407.3 | 436.1 | 468.6 | 503.4 | 539.0 | 573.1 |
| 142.5° | 324.8 | 333.5  | 342.2 | 364.1 | 386.1 | 410.3 | 436.1 | 464.1 | 492.8 | 523.1 | 551.1 |
| 145°   | 332.3 | 340.6  | 349.0 | 368.7 | 389.1 | 411.1 | 434.5 | 458.8 | 483.0 | 508.7 | 531.4 |
| 147.5° | 339.9 | 347.5  | 355.1 | 374.0 | 392.1 | 411.8 | 432.3 | 454.2 | 474.7 | 495.9 | 514.8 |
| 150°   | 346.7 | 353.9  | 361.1 | 377.8 | 394.4 | 411.8 | 430.0 | 448.9 | 467.1 | 484.5 | 499.6 |
| 152.5° | 353.5 | 360.0  | 366.4 | 380.8 | 395.9 | 410.3 | 426.2 | 442.9 | 458.8 | 473.2 | 486.8 |
| 155°   | 359.6 | 365.3  | 371.0 | 383.8 | 396.7 | 408.8 | 422.4 | 436.8 | 450.4 | 462.6 | 473.9 |
| 157.5° | 365.7 | 370.2  | 374.7 | 386.1 | 396.7 | 407.3 | 418.6 | 430.8 | 441.4 | 452.0 | 461.8 |
| 160°   | 370.2 | 374.4  | 378.5 | 387.6 | 396.7 | 405.0 | 414.1 | 423.9 | 433.0 | 441.4 | 449.7 |
| 162.5° | 374.7 | 377.8  | 380.8 | 389.1 | 396.7 | 402.7 | 409.6 | 417.9 | 424.7 | 431.5 | 437.6 |
| 165°   | 377.8 | 380.0  | 382.3 | 389.1 | 395.2 | 399.7 | 405.0 | 411.1 | 417.1 | 421.7 | 427.0 |
| 167.5° | 380.0 | 381.9  | 383.8 | 389.1 | 393.7 | 396.7 | 400.5 | 405.0 | 409.6 | 413.3 | 417.9 |
| 170°   | 382.3 | 383.5  | 384.6 | 388.4 | 392.1 | 393.7 | 395.9 | 399.0 | 402.7 | 405.0 | 408.0 |
| 172.5° | 383.8 | 384.6  | 385.3 | 387.6 | 390.6 | 390.6 | 391.4 | 393.7 | 396.7 | 398.2 | 399.7 |
| 175°   | 385.3 | 385.3  | 385.3 | 386.8 | 389.1 | 388.4 | 388.4 | 389.9 | 391.4 | 392.1 | 393.7 |
| 177.5° | 385.3 | 385.3  | 385.3 | 386.1 | 387.6 | 386.1 | 386.1 | 386.8 | 387.6 | 388.4 | 388.4 |
| 180°   | 385.3 | 385.3  | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1807.0 | 1805.4 | 1797.5 | 1800.7 | 1791.1 | 1794.3 | 1799.1 | 1800.7 | 1807.0 | 1802.2 | 1800.7 |
| 5°     | 1696.0 | 1692.8 | 1688.0 | 1683.3 | 1681.7 | 1688.0 | 1676.9 | 1680.1 | 1683.3 | 1688.0 | 1694.4 |
| 7.5°   | 1605.5 | 1603.9 | 1599.2 | 1591.2 | 1588.1 | 1584.9 | 1586.5 | 1597.6 | 1596.0 | 1594.4 | 1605.5 |
| 10°    | 1523.0 | 1524.6 | 1515.1 | 1513.5 | 1504.0 | 1502.4 | 1504.0 | 1507.2 | 1511.9 | 1518.3 | 1519.9 |
| 12.5°  | 1437.4 | 1458.0 | 1440.5 | 1434.2 | 1419.9 | 1427.8 | 1431.0 | 1416.7 | 1424.7 | 1429.4 | 1453.2 |
| 15°    | 1383.4 | 1373.9 | 1362.8 | 1362.8 | 1356.4 | 1353.3 | 1345.3 | 1356.4 | 1362.8 | 1372.3 | 1369.1 |
| 17.5°  | 1308.9 | 1293.0 | 1286.6 | 1280.3 | 1281.9 | 1288.2 | 1270.8 | 1296.2 | 1296.2 | 1300.9 | 1293.0 |
| 20°    | 1243.8 | 1231.1 | 1223.2 | 1220.0 | 1215.2 | 1212.1 | 1210.5 | 1216.8 | 1226.4 | 1229.5 | 1237.5 |
| 22.5°  | 1175.6 | 1175.6 | 1162.9 | 1158.1 | 1155.0 | 1150.2 | 1158.1 | 1153.4 | 1159.7 | 1166.1 | 1178.8 |
| 25°    | 1118.5 | 1118.5 | 1113.7 | 1107.4 | 1102.6 | 1099.4 | 1104.2 | 1102.6 | 1107.4 | 1115.3 | 1118.5 |
| 27.5°  | 1072.5 | 1067.7 | 1066.1 | 1064.5 | 1062.9 | 1064.5 | 1062.9 | 1067.7 | 1072.5 | 1074.1 | 1070.9 |
| 30°    | 1032.8 | 1028.0 | 1029.6 | 1029.6 | 1031.2 | 1029.6 | 1028.0 | 1032.8 | 1034.4 | 1031.2 | 1032.8 |
| 32.5°  | 996.3  | 996.3  | 999.5  | 1001.1 | 1001.1 | 1002.7 | 1004.2 | 1001.1 | 1002.7 | 997.9  | 999.5  |
| 35°    | 966.2  | 969.3  | 972.5  | 974.1  | 975.7  | 974.1  | 977.3  | 975.7  | 972.5  | 969.3  | 967.8  |
| 37.5°  | 936.0  | 939.2  | 945.5  | 947.1  | 951.9  | 953.5  | 950.3  | 950.3  | 948.7  | 942.4  | 939.2  |
| 40°    | 904.3  | 907.5  | 915.4  | 920.2  | 923.3  | 928.1  | 924.9  | 924.9  | 918.6  | 912.2  | 907.5  |
| 42.5°  | 874.2  | 880.5  | 888.4  | 893.2  | 899.5  | 899.5  | 899.5  | 896.4  | 888.4  | 882.1  | 877.3  |
| 45°    | 844.0  | 845.6  | 856.7  | 864.6  | 871.0  | 871.0  | 871.0  | 866.2  | 861.5  | 848.8  | 842.4  |
| 47.5°  | 810.7  | 815.5  | 828.1  | 836.1  | 842.4  | 844.0  | 844.0  | 839.3  | 829.7  | 818.6  | 810.7  |
| 50°    | 774.2  | 782.1  | 796.4  | 807.5  | 815.5  | 818.6  | 813.9  | 810.7  | 799.6  | 786.9  | 777.4  |
| 52.5°  | 739.3  | 748.8  | 766.3  | 775.8  | 786.9  | 788.5  | 786.9  | 782.1  | 769.4  | 752.0  | 744.1  |
| 55°    | 704.4  | 712.3  | 731.4  | 747.2  | 756.8  | 759.9  | 756.8  | 748.8  | 733.0  | 715.5  | 707.6  |
| 57.5°  | 666.3  | 677.4  | 698.1  | 713.9  | 725.0  | 726.6  | 723.4  | 715.5  | 702.8  | 680.6  | 669.5  |
| 60°    | 626.7  | 640.9  | 661.6  | 677.4  | 691.7  | 693.3  | 690.1  | 679.0  | 663.2  | 640.9  | 631.4  |
| 62.5°  | 587.0  | 598.1  | 621.9  | 639.4  | 650.5  | 658.4  | 652.0  | 640.9  | 625.1  | 602.9  | 588.6  |
| 65°    | 541.0  | 556.9  | 577.5  | 593.3  | 606.0  | 607.6  | 604.5  | 594.9  | 577.5  | 553.7  | 542.6  |
| 67.5°  | 496.6  | 507.7  | 528.3  | 548.9  | 553.7  | 558.4  | 553.7  | 544.2  | 529.9  | 509.3  | 493.4  |
| 70°    | 442.6  | 452.1  | 477.5  | 491.8  | 498.2  | 502.9  | 499.7  | 490.2  | 477.5  | 458.5  | 445.8  |
| 72.5°  | 388.7  | 396.6  | 420.4  | 431.5  | 444.2  | 442.6  | 441.0  | 434.7  | 417.2  | 404.6  | 396.6  |
| 75°    | 331.6  | 341.1  | 357.0  | 371.2  | 376.0  | 376.0  | 376.0  | 371.2  | 360.1  | 339.5  | 331.6  |
| 77.5°  | 279.2  | 284.0  | 296.7  | 304.6  | 309.4  | 311.0  | 309.4  | 301.4  | 295.1  | 280.8  | 276.0  |
| 80°    | 214.2  | 226.9  | 236.4  | 238.0  | 244.3  | 244.3  | 244.3  | 241.1  | 234.8  | 220.5  | 218.9  |
| 82.5°  | 161.8  | 165.0  | 174.5  | 179.3  | 182.4  | 180.9  | 180.9  | 174.5  | 172.9  | 165.0  | 161.8  |
| 85°    | 109.5  | 114.2  | 112.6  | 119.0  | 120.6  | 117.4  | 117.4  | 120.6  | 112.6  | 114.2  | 109.5  |
| 87.5°  | 60.3   | 60.3   | 63.5   | 61.9   | 68.2   | 68.2   | 65.0   | 66.6   | 63.5   | 61.9   | 60.3   |
| 90°    | 15.1   | 15.1   | 15.9   | 16.7   | 15.9   | 15.9   | 15.9   | 16.7   | 15.9   | 15.1   | 15.1   |
| 92.5°  | 98.0   | 88.6   | 77.2   | 71.9   | 68.9   | 68.9   | 68.9   | 71.9   | 77.2   | 88.6   | 98.0   |
| 95°    | 305.4  | 268.7  | 231.7  | 208.2  | 194.6  | 184.7  | 194.6  | 208.2  | 231.7  | 268.7  | 305.4  |
| 97.5°  | 623.8  | 581.4  | 529.9  | 484.5  | 461.8  | 443.6  | 461.8  | 484.5  | 529.9  | 581.4  | 623.8  |
| 100°   | 863.0  | 835.0  | 769.2  | 723.0  | 700.3  | 694.2  | 700.3  | 723.0  | 769.2  | 835.0  | 863.0  |
| 102.5° | 1013.0 | 1005.4 | 971.3  | 941.0  | 916.8  | 912.2  | 916.8  | 941.0  | 971.3  | 1005.4 | 1013.0 |
| 105°   | 1069.3 | 1084.8 | 1086.4 | 1080.3 | 1069.7 | 1065.2 | 1069.7 | 1080.3 | 1086.4 | 1084.8 | 1069.3 |
| 107.5° | 1052.3 | 1084.1 | 1117.4 | 1131.0 | 1137.1 | 1137.8 | 1137.1 | 1131.0 | 1117.4 | 1084.1 | 1052.3 |
| 110°   | 991.8  | 1033.4 | 1087.1 | 1118.9 | 1132.5 | 1139.3 | 1132.5 | 1118.9 | 1087.1 | 1033.4 | 991.8  |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°  | 292.5° |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| 112.5° | 917.6  | 959.2 | 1022.0 | 1062.1 | 1082.6 | 1094.7 | 1082.6 | 1062.1 | 1022.0 | 959.2 | 917.6  |
| 115°   | 851.0  | 887.3 | 947.1  | 992.5  | 1016.7 | 1022.8 | 1016.7 | 992.5  | 947.1  | 887.3 | 851.0  |
| 117.5° | 798.7  | 830.5 | 883.5  | 922.8  | 948.6  | 952.4  | 948.6  | 922.8  | 883.5  | 830.5 | 798.7  |
| 120°   | 763.5  | 790.4 | 833.5  | 866.8  | 886.5  | 894.8  | 886.5  | 866.8  | 833.5  | 790.4 | 763.5  |
| 122.5° | 740.4  | 763.1 | 797.9  | 825.2  | 841.1  | 849.4  | 841.1  | 825.2  | 797.9  | 763.1 | 740.4  |
| 125°   | 724.1  | 744.9 | 775.2  | 797.2  | 811.5  | 816.1  | 811.5  | 797.2  | 775.2  | 744.9 | 724.1  |
| 127.5° | 708.6  | 728.3 | 758.6  | 778.2  | 790.4  | 794.9  | 790.4  | 778.2  | 758.6  | 728.3 | 708.6  |
| 130°   | 690.0  | 710.1 | 741.1  | 760.1  | 772.2  | 776.7  | 772.2  | 760.1  | 741.1  | 710.1 | 690.0  |
| 132.5° | 668.1  | 688.2 | 718.4  | 740.4  | 751.7  | 756.3  | 751.7  | 740.4  | 718.4  | 688.2 | 668.1  |
| 135°   | 642.8  | 661.7 | 691.9  | 713.1  | 725.2  | 729.8  | 725.2  | 713.1  | 691.9  | 661.7 | 642.8  |
| 137.5° | 615.5  | 632.9 | 661.7  | 683.6  | 693.4  | 698.7  | 693.4  | 683.6  | 661.7  | 632.9 | 615.5  |
| 140°   | 589.0  | 604.9 | 631.4  | 648.0  | 658.6  | 664.7  | 658.6  | 648.0  | 631.4  | 604.9 | 589.0  |
| 142.5° | 564.4  | 577.6 | 600.3  | 615.5  | 624.6  | 628.3  | 624.6  | 615.5  | 600.3  | 577.6 | 564.4  |
| 145°   | 542.0  | 552.6 | 571.6  | 584.4  | 592.0  | 595.8  | 592.0  | 584.4  | 571.6  | 552.6 | 542.0  |
| 147.5° | 523.5  | 532.2 | 546.6  | 557.9  | 564.0  | 565.5  | 564.0  | 557.9  | 546.6  | 532.2 | 523.5  |
| 150°   | 506.4  | 513.3 | 525.4  | 535.2  | 539.8  | 540.5  | 539.8  | 535.2  | 525.4  | 513.3 | 506.4  |
| 152.5° | 492.1  | 497.4 | 507.2  | 514.8  | 517.1  | 517.8  | 517.1  | 514.8  | 507.2  | 497.4 | 492.1  |
| 155°   | 478.4  | 483.0 | 490.6  | 496.6  | 498.9  | 498.9  | 498.9  | 496.6  | 490.6  | 483.0 | 478.4  |
| 157.5° | 465.6  | 469.4 | 475.4  | 480.0  | 481.5  | 481.5  | 481.5  | 480.0  | 475.4  | 469.4 | 465.6  |
| 160°   | 452.7  | 455.7 | 460.3  | 464.8  | 465.6  | 465.6  | 465.6  | 464.8  | 460.3  | 455.7 | 452.7  |
| 162.5° | 440.2  | 442.9 | 445.9  | 450.4  | 451.2  | 450.4  | 451.2  | 450.4  | 445.9  | 442.9 | 440.2  |
| 165°   | 428.9  | 430.8 | 433.8  | 436.8  | 436.1  | 435.3  | 436.1  | 436.8  | 433.8  | 430.8 | 428.9  |
| 167.5° | 419.0  | 420.2 | 421.7  | 423.9  | 423.9  | 423.2  | 423.9  | 423.9  | 421.7  | 420.2 | 419.0  |
| 170°   | 409.2  | 410.3 | 411.8  | 412.6  | 411.8  | 411.8  | 411.8  | 412.6  | 411.8  | 410.3 | 409.2  |
| 172.5° | 400.4  | 401.2 | 402.0  | 402.7  | 402.0  | 400.5  | 402.0  | 402.7  | 402.0  | 401.2 | 400.4  |
| 175°   | 393.7  | 393.7 | 393.7  | 395.2  | 393.7  | 392.1  | 393.7  | 395.2  | 393.7  | 393.7 | 393.7  |
| 177.5° | 388.8  | 389.1 | 388.4  | 389.1  | 387.6  | 386.1  | 387.6  | 389.1  | 388.4  | 389.1 | 388.8  |
| 180°   | 385.3  | 385.3 | 385.3  | 385.3  | 385.3  | 385.3  | 385.3  | 385.3  | 385.3  | 385.3 | 385.3  |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1800.7 | 1810.2 | 1800.7 | 1807.0 | 1810.2 | 1818.1 | 1821.3 | 1835.6 | 1840.3 | 1851.4 | 1851.4 |
| 5°     | 1692.8 | 1697.5 | 1699.1 | 1705.5 | 1711.8 | 1727.7 | 1738.8 | 1759.4 | 1783.2 | 1786.4 | 1800.7 |
| 7.5°   | 1605.5 | 1613.5 | 1626.1 | 1621.4 | 1632.5 | 1656.3 | 1670.6 | 1696.0 | 1719.8 | 1732.4 | 1749.9 |
| 10°    | 1527.8 | 1537.3 | 1542.1 | 1546.8 | 1567.4 | 1588.1 | 1610.3 | 1627.7 | 1659.5 | 1678.5 | 1692.8 |
| 12.5°  | 1464.3 | 1456.4 | 1465.9 | 1483.4 | 1507.2 | 1519.9 | 1550.0 | 1577.0 | 1600.8 | 1621.4 | 1634.1 |
| 15°    | 1381.8 | 1388.2 | 1397.7 | 1427.8 | 1434.2 | 1465.9 | 1477.0 | 1507.2 | 1551.6 | 1570.6 | 1586.5 |
| 17.5°  | 1302.5 | 1323.1 | 1342.2 | 1353.3 | 1372.3 | 1397.7 | 1429.4 | 1462.7 | 1491.3 | 1513.5 | 1532.5 |
| 20°    | 1239.0 | 1259.7 | 1270.8 | 1278.7 | 1297.7 | 1332.6 | 1362.8 | 1404.0 | 1440.5 | 1458.0 | 1483.4 |
| 22.5°  | 1188.3 | 1188.3 | 1204.1 | 1227.9 | 1239.0 | 1272.4 | 1297.7 | 1342.2 | 1381.8 | 1404.0 | 1427.8 |
| 25°    | 1124.8 | 1134.3 | 1147.0 | 1167.7 | 1183.5 | 1210.5 | 1247.0 | 1285.1 | 1327.9 | 1346.9 | 1377.1 |
| 27.5°  | 1072.5 | 1083.6 | 1101.0 | 1105.8 | 1121.6 | 1145.4 | 1183.5 | 1224.8 | 1269.2 | 1289.8 | 1315.2 |
| 30°    | 1032.8 | 1039.1 | 1045.5 | 1055.0 | 1069.3 | 1089.9 | 1121.6 | 1158.1 | 1212.1 | 1227.9 | 1259.7 |
| 32.5°  | 997.9  | 1001.1 | 1004.2 | 1012.2 | 1020.1 | 1040.7 | 1066.1 | 1105.8 | 1150.2 | 1174.0 | 1202.6 |
| 35°    | 966.2  | 963.0  | 964.6  | 969.3  | 977.3  | 985.2  | 1012.2 | 1045.5 | 1086.7 | 1115.3 | 1137.5 |
| 37.5°  | 936.0  | 929.7  | 928.1  | 928.1  | 931.3  | 940.8  | 961.4  | 990.0  | 1034.4 | 1058.2 | 1080.4 |
| 40°    | 902.7  | 896.4  | 893.2  | 891.6  | 890.0  | 896.4  | 912.2  | 940.8  | 975.7  | 997.9  | 1023.3 |
| 42.5°  | 871.0  | 864.6  | 856.7  | 855.1  | 851.9  | 855.1  | 866.2  | 893.2  | 923.3  | 945.5  | 966.2  |
| 45°    | 839.3  | 828.1  | 818.6  | 812.3  | 813.9  | 809.1  | 817.0  | 837.7  | 872.6  | 886.8  | 907.5  |
| 47.5°  | 804.3  | 791.7  | 779.0  | 772.6  | 766.3  | 769.4  | 772.6  | 790.1  | 820.2  | 834.5  | 855.1  |
| 50°    | 771.0  | 753.6  | 739.3  | 731.4  | 726.6  | 723.4  | 726.6  | 744.1  | 766.3  | 779.0  | 796.4  |
| 52.5°  | 733.0  | 715.5  | 701.2  | 688.5  | 682.2  | 677.4  | 679.0  | 694.9  | 715.5  | 728.2  | 745.6  |
| 55°    | 698.1  | 675.8  | 656.8  | 640.9  | 636.2  | 634.6  | 633.0  | 644.1  | 661.6  | 674.3  | 688.5  |
| 57.5°  | 658.4  | 636.2  | 615.6  | 596.5  | 587.0  | 585.4  | 585.4  | 588.6  | 610.8  | 620.3  | 628.2  |
| 60°    | 618.7  | 594.9  | 572.7  | 555.3  | 541.0  | 536.2  | 534.6  | 541.0  | 552.1  | 561.6  | 572.7  |
| 62.5°  | 574.3  | 550.5  | 523.5  | 507.7  | 493.4  | 480.7  | 485.5  | 487.1  | 502.9  | 507.7  | 517.2  |
| 65°    | 531.5  | 504.5  | 482.3  | 456.9  | 441.0  | 433.1  | 429.9  | 433.1  | 445.8  | 447.4  | 453.7  |
| 67.5°  | 482.3  | 456.9  | 429.9  | 412.5  | 398.2  | 383.9  | 380.8  | 380.8  | 387.1  | 391.9  | 399.8  |
| 70°    | 434.7  | 409.3  | 379.2  | 360.1  | 345.9  | 333.2  | 328.4  | 326.8  | 331.6  | 334.7  | 342.7  |
| 72.5°  | 379.2  | 353.8  | 331.6  | 311.0  | 293.5  | 284.0  | 279.2  | 276.0  | 280.8  | 284.0  | 285.6  |
| 75°    | 320.5  | 299.8  | 277.6  | 257.0  | 245.9  | 236.4  | 230.0  | 225.3  | 228.5  | 228.5  | 228.5  |
| 77.5°  | 264.9  | 244.3  | 226.9  | 212.6  | 198.3  | 187.2  | 182.4  | 177.7  | 179.3  | 179.3  | 182.4  |
| 80°    | 206.2  | 192.0  | 177.7  | 165.0  | 152.3  | 142.8  | 139.6  | 134.9  | 131.7  | 130.1  | 130.1  |
| 82.5°  | 152.3  | 141.2  | 128.5  | 117.4  | 111.1  | 101.5  | 98.4   | 92.0   | 92.0   | 90.4   | 90.4   |
| 85°    | 101.5  | 95.2   | 82.5   | 74.6   | 69.8   | 65.0   | 61.9   | 58.7   | 53.9   | 53.9   | 52.4   |
| 87.5°  | 53.9   | 50.8   | 47.6   | 38.1   | 38.1   | 33.3   | 31.7   | 30.1   | 25.4   | 27.0   | 27.0   |
| 90°    | 15.1   | 14.4   | 13.6   | 12.9   | 13.6   | 12.1   | 10.6   | 10.6   | 6.1    | 6.1    | 6.1    |
| 92.5°  | 107.5  | 136.3  | 182.4  | 246.8  | 296.8  | 259.7  | 188.5  | 115.1  | 68.1   | 58.3   | 48.5   |
| 95°    | 342.2  | 443.6  | 561.0  | 634.4  | 617.0  | 465.6  | 284.6  | 160.5  | 94.6   | 78.7   | 62.8   |
| 97.5°  | 666.2  | 749.5  | 807.8  | 795.7  | 660.1  | 445.9  | 259.7  | 152.9  | 100.7  | 87.1   | 73.4   |
| 100°   | 891.0  | 928.1  | 913.0  | 802.5  | 608.7  | 395.2  | 240.7  | 155.2  | 110.5  | 98.4   | 86.3   |
| 102.5° | 1020.5 | 997.8  | 907.7  | 745.7  | 544.3  | 361.1  | 235.4  | 162.8  | 123.4  | 112.0  | 100.7  |
| 105°   | 1053.8 | 978.9  | 847.9  | 674.5  | 496.6  | 344.5  | 238.5  | 175.6  | 139.3  | 128.3  | 117.3  |
| 107.5° | 1020.5 | 916.0  | 774.5  | 616.2  | 465.6  | 339.9  | 247.6  | 189.3  | 156.0  | 145.0  | 134.0  |
| 110°   | 950.1  | 840.3  | 709.3  | 574.6  | 451.2  | 341.4  | 258.2  | 205.2  | 171.8  | 161.6  | 151.4  |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 875.9 | 773.7 | 661.7 | 551.1 | 444.4 | 346.0 | 269.5 | 220.3 | 188.5 | 178.3  | 168.1 |
| 115°   | 814.6 | 726.0 | 632.9 | 538.3 | 442.9 | 352.0 | 281.6 | 236.2 | 205.9 | 195.7  | 185.5 |
| 117.5° | 766.9 | 695.0 | 616.2 | 531.4 | 442.1 | 358.1 | 293.7 | 251.3 | 222.6 | 212.0  | 201.4 |
| 120°   | 736.6 | 676.0 | 605.6 | 526.1 | 442.1 | 364.9 | 306.6 | 267.2 | 238.5 | 227.9  | 217.3 |
| 122.5° | 717.7 | 663.9 | 596.5 | 520.1 | 441.4 | 371.7 | 318.7 | 282.4 | 253.6 | 243.4  | 233.2 |
| 125°   | 703.3 | 651.1 | 585.9 | 513.3 | 440.6 | 378.5 | 330.8 | 296.0 | 268.7 | 258.2  | 247.6 |
| 127.5° | 688.9 | 636.7 | 573.8 | 504.2 | 439.1 | 383.8 | 341.4 | 308.9 | 282.4 | 271.8  | 261.2 |
| 130°   | 670.0 | 618.5 | 558.7 | 495.9 | 438.3 | 389.9 | 351.3 | 321.7 | 296.0 | 285.0  | 274.0 |
| 132.5° | 648.0 | 598.1 | 542.8 | 488.3 | 437.6 | 395.2 | 361.1 | 332.3 | 306.6 | 296.4  | 286.2 |
| 135°   | 623.8 | 577.6 | 528.4 | 480.7 | 436.8 | 400.5 | 369.4 | 342.2 | 317.2 | 307.4  | 297.5 |
| 137.5° | 598.1 | 557.9 | 514.8 | 473.9 | 436.8 | 403.5 | 375.5 | 349.8 | 326.3 | 316.8  | 307.4 |
| 140°   | 573.1 | 539.0 | 503.4 | 468.6 | 436.1 | 407.3 | 381.5 | 357.3 | 334.6 | 325.5  | 316.4 |
| 142.5° | 551.1 | 523.1 | 492.8 | 464.1 | 436.1 | 410.3 | 386.1 | 364.1 | 342.2 | 333.5  | 324.8 |
| 145°   | 531.4 | 508.7 | 483.0 | 458.8 | 434.5 | 411.1 | 389.1 | 368.7 | 349.0 | 340.6  | 332.3 |
| 147.5° | 514.8 | 495.9 | 474.7 | 454.2 | 432.3 | 411.8 | 392.1 | 374.0 | 355.1 | 347.5  | 339.9 |
| 150°   | 499.6 | 484.5 | 467.1 | 448.9 | 430.0 | 411.8 | 394.4 | 377.8 | 361.1 | 353.9  | 346.7 |
| 152.5° | 486.8 | 473.2 | 458.8 | 442.9 | 426.2 | 410.3 | 395.9 | 380.8 | 366.4 | 360.0  | 353.5 |
| 155°   | 473.9 | 462.6 | 450.4 | 436.8 | 422.4 | 408.8 | 396.7 | 383.8 | 371.0 | 365.3  | 359.6 |
| 157.5° | 461.8 | 452.0 | 441.4 | 430.8 | 418.6 | 407.3 | 396.7 | 386.1 | 374.7 | 370.2  | 365.7 |
| 160°   | 449.7 | 441.4 | 433.0 | 423.9 | 414.1 | 405.0 | 396.7 | 387.6 | 378.5 | 374.4  | 370.2 |
| 162.5° | 437.6 | 431.5 | 424.7 | 417.9 | 409.6 | 402.7 | 396.7 | 389.1 | 380.8 | 377.8  | 374.7 |
| 165°   | 427.0 | 421.7 | 417.1 | 411.1 | 405.0 | 399.7 | 395.2 | 389.1 | 382.3 | 380.0  | 377.8 |
| 167.5° | 417.9 | 413.3 | 409.6 | 405.0 | 400.5 | 396.7 | 393.7 | 389.1 | 383.8 | 381.9  | 380.0 |
| 170°   | 408.0 | 405.0 | 402.7 | 399.0 | 395.9 | 393.7 | 392.1 | 388.4 | 384.6 | 383.5  | 382.3 |
| 172.5° | 399.7 | 398.2 | 396.7 | 393.7 | 391.4 | 390.6 | 390.6 | 387.6 | 385.3 | 384.6  | 383.8 |
| 175°   | 393.7 | 392.1 | 391.4 | 389.9 | 388.4 | 388.4 | 389.1 | 386.8 | 385.3 | 385.3  | 385.3 |
| 177.5° | 388.4 | 388.4 | 387.6 | 386.8 | 386.1 | 386.1 | 387.6 | 386.1 | 385.3 | 385.3  | 385.3 |
| 180°   | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3 | 385.3  | 385.3 |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1862.5 | 1878.4 | 1892.7 | 1914.9 |
| 5°     | 1821.3 | 1843.5 | 1873.6 | 1907.0 |
| 7.5°   | 1773.7 | 1808.6 | 1848.3 | 1894.3 |
| 10°    | 1729.3 | 1768.9 | 1819.7 | 1875.2 |
| 12.5°  | 1683.3 | 1730.9 | 1786.4 | 1846.7 |
| 15°    | 1630.9 | 1678.5 | 1740.4 | 1821.3 |
| 17.5°  | 1583.3 | 1640.4 | 1707.1 | 1792.7 |
| 20°    | 1527.8 | 1581.7 | 1654.7 | 1753.1 |
| 22.5°  | 1478.6 | 1540.5 | 1621.4 | 1707.1 |
| 25°    | 1424.7 | 1478.6 | 1559.5 | 1662.6 |
| 27.5°  | 1370.7 | 1437.4 | 1515.1 | 1615.0 |
| 30°    | 1318.4 | 1373.9 | 1458.0 | 1562.7 |
| 32.5°  | 1261.3 | 1327.9 | 1405.6 | 1504.0 |
| 35°    | 1199.4 | 1262.8 | 1335.8 | 1442.1 |
| 37.5°  | 1143.9 | 1205.7 | 1280.3 | 1373.9 |
| 40°    | 1082.0 | 1147.0 | 1215.2 | 1308.9 |
| 42.5°  | 1021.7 | 1080.4 | 1148.6 | 1234.3 |
| 45°    | 963.0  | 1013.8 | 1075.6 | 1150.2 |
| 47.5°  | 902.7  | 945.5  | 1002.7 | 1069.3 |
| 50°    | 837.7  | 883.7  | 926.5  | 982.0  |
| 52.5°  | 777.4  | 817.0  | 851.9  | 898.0  |
| 55°    | 718.7  | 745.6  | 774.2  | 809.1  |
| 57.5°  | 656.8  | 677.4  | 698.1  | 734.5  |
| 60°    | 594.9  | 614.0  | 625.1  | 648.9  |
| 62.5°  | 534.6  | 542.6  | 556.9  | 571.1  |
| 65°    | 468.0  | 479.1  | 487.1  | 504.5  |
| 67.5°  | 407.7  | 412.5  | 420.4  | 431.5  |
| 70°    | 344.3  | 355.4  | 358.5  | 366.5  |
| 72.5°  | 290.3  | 295.1  | 298.3  | 299.8  |
| 75°    | 230.0  | 234.8  | 238.0  | 247.5  |
| 77.5°  | 180.9  | 179.3  | 185.6  | 187.2  |
| 80°    | 133.3  | 128.5  | 130.1  | 136.4  |
| 82.5°  | 87.3   | 88.8   | 87.3   | 87.3   |
| 85°    | 53.9   | 52.4   | 49.2   | 50.8   |
| 87.5°  | 23.8   | 23.8   | 22.2   | 22.2   |
| 90°    | 5.3    | 4.5    | 2.3    | 0.8    |
| 92.5°  | 34.8   | 23.5   | 15.1   | 10.6   |
| 95°    | 44.7   | 34.8   | 27.3   | 25.0   |
| 97.5°  | 57.5   | 48.5   | 41.6   | 41.6   |
| 100°   | 71.9   | 62.8   | 57.5   | 57.5   |
| 102.5° | 87.1   | 78.7   | 74.2   | 72.7   |
| 105°   | 103.7  | 94.6   | 90.8   | 88.6   |
| 107.5° | 121.1  | 111.3  | 107.5  | 106.0  |
| 110°   | 137.8  | 128.7  | 124.9  | 123.4  |

TEST NUMBER: P1025211

CATALOG NUMBER: S124DIP-B1195D810UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 154.4 | 146.1 | 141.6 | 140.1 |
| 115°   | 171.1 | 163.5 | 158.2 | 156.0 |
| 117.5° | 187.7 | 179.4 | 174.9 | 172.6 |
| 120°   | 204.4 | 196.1 | 190.8 | 189.3 |
| 122.5° | 218.8 | 211.2 | 205.9 | 204.4 |
| 125°   | 233.2 | 224.8 | 220.3 | 217.3 |
| 127.5° | 246.0 | 237.0 | 231.7 | 229.4 |
| 130°   | 259.7 | 248.3 | 242.3 | 239.2 |
| 132.5° | 270.3 | 259.7 | 251.3 | 249.1 |
| 135°   | 281.6 | 268.7 | 261.2 | 258.2 |
| 137.5° | 290.7 | 278.6 | 270.3 | 267.2 |
| 140°   | 300.5 | 287.7 | 279.3 | 277.1 |
| 142.5° | 309.6 | 297.5 | 289.9 | 287.7 |
| 145°   | 318.0 | 307.4 | 299.8 | 297.5 |
| 147.5° | 327.8 | 316.4 | 309.6 | 308.9 |
| 150°   | 335.4 | 326.3 | 320.2 | 319.5 |
| 152.5° | 343.7 | 335.4 | 329.3 | 329.3 |
| 155°   | 351.3 | 343.7 | 339.2 | 338.4 |
| 157.5° | 358.1 | 352.0 | 347.5 | 347.5 |
| 160°   | 364.1 | 358.8 | 355.8 | 355.8 |
| 162.5° | 369.4 | 364.9 | 362.6 | 363.4 |
| 165°   | 374.0 | 370.2 | 368.7 | 368.7 |
| 167.5° | 377.8 | 374.7 | 374.0 | 374.7 |
| 170°   | 380.8 | 378.5 | 377.8 | 378.5 |
| 172.5° | 383.1 | 381.5 | 381.5 | 382.3 |
| 175°   | 384.6 | 383.8 | 383.8 | 384.6 |
| 177.5° | 385.3 | 384.6 | 385.3 | 386.1 |
| 180°   | 385.3 | 385.3 | 385.3 | 385.3 |

(END OF REPORT)