

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: CORELITE

Report Number: P936005

Luminaire Tested: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P936005  
REPORT IS A COMBINATION OF REPORTS P933773 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

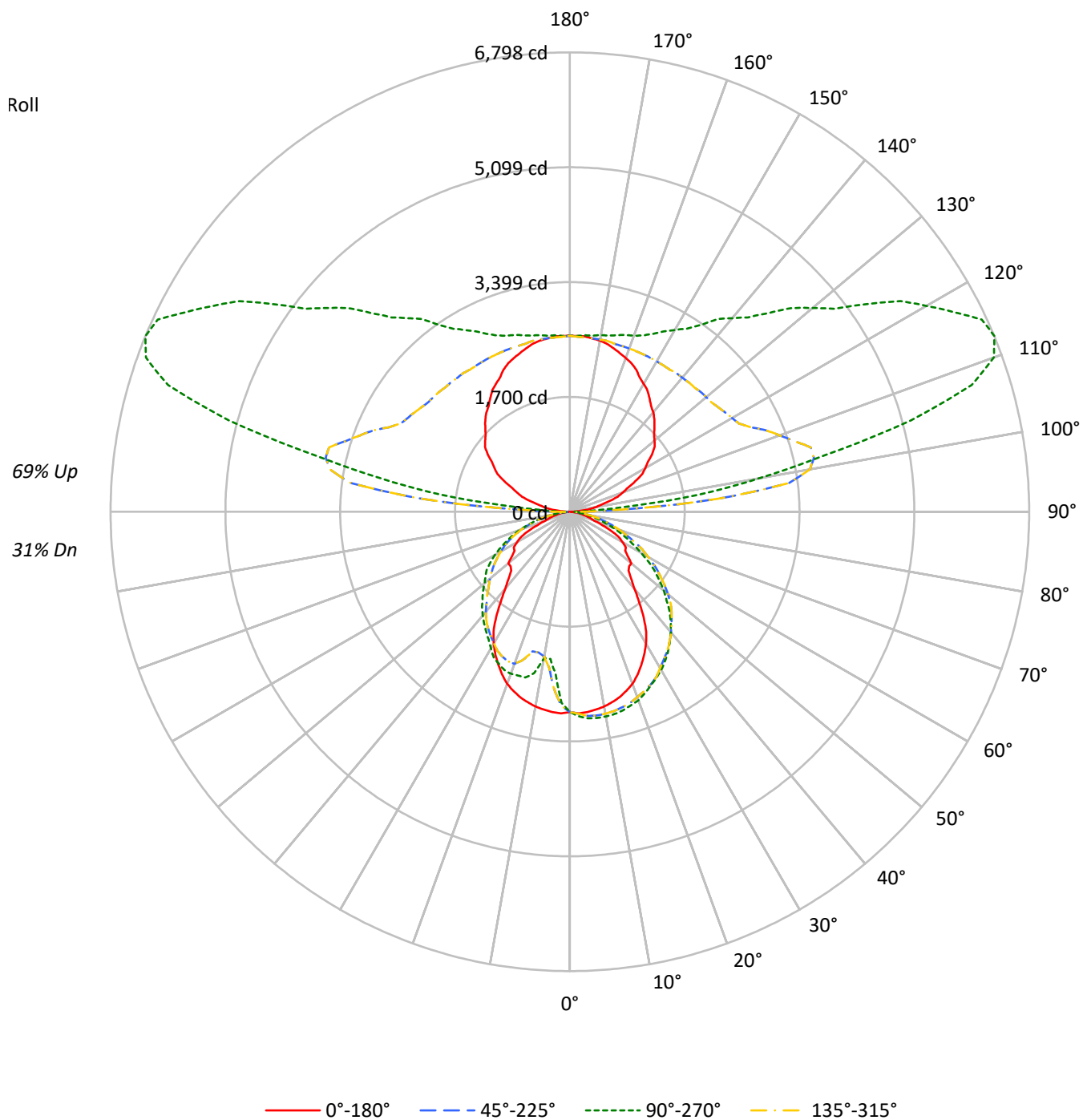
Lumens per Lamp: N/A  
Luminaire Lumens: 24569.7 lumens  
Efficiency: N/A  
Efficacy: 128.8 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 190.8  
Input Voltage (V): NR  
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: 24 FT

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

### Luminous Intensity Polar Plot



TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 103 | 103 | 103 | 103 | 92 | 92 | 92 | 92 | 73 | 73 | 73 | 55 | 55 | 55 | 39 | 39 | 39 |
| 1   | 94  | 89  | 86  | 82  | 84 | 81 | 77 | 75 | 64 | 62 | 60 | 49 | 47 | 46 | 34 | 34 | 33 |
| 2   | 85  | 78  | 72  | 67  | 76 | 70 | 65 | 61 | 56 | 52 | 49 | 43 | 40 | 38 | 30 | 29 | 28 |
| 3   | 78  | 69  | 61  | 56  | 70 | 62 | 56 | 51 | 49 | 45 | 42 | 38 | 35 | 32 | 27 | 25 | 24 |
| 4   | 71  | 61  | 53  | 47  | 64 | 55 | 48 | 43 | 44 | 39 | 35 | 33 | 30 | 28 | 24 | 22 | 20 |
| 5   | 65  | 54  | 46  | 40  | 58 | 49 | 42 | 37 | 39 | 34 | 30 | 30 | 27 | 24 | 22 | 19 | 18 |
| 6   | 60  | 48  | 40  | 35  | 54 | 44 | 37 | 32 | 35 | 30 | 26 | 27 | 23 | 21 | 19 | 17 | 15 |
| 7   | 55  | 43  | 36  | 30  | 49 | 39 | 33 | 28 | 32 | 27 | 23 | 24 | 21 | 18 | 18 | 15 | 14 |
| 8   | 51  | 39  | 32  | 27  | 46 | 36 | 29 | 24 | 29 | 24 | 20 | 22 | 19 | 16 | 16 | 14 | 12 |
| 9   | 47  | 36  | 28  | 23  | 43 | 32 | 26 | 22 | 26 | 21 | 18 | 20 | 17 | 14 | 15 | 13 | 11 |
| 10  | 44  | 33  | 26  | 21  | 40 | 30 | 23 | 19 | 24 | 19 | 16 | 19 | 15 | 13 | 14 | 12 | 10 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 9161 | 9161 | 9161 | 9161 |
| 5°  | 9233 | 9248 | 9233 | 7271 |
| 10° | 9175 | 9109 | 9175 | 6513 |
| 15° | 9078 | 8912 | 9078 | 7442 |
| 20° | 8892 | 8678 | 8892 | 7457 |
| 25° | 8507 | 8337 | 8507 | 7299 |
| 30° | 8008 | 8054 | 8008 | 6952 |
| 35° | 7142 | 7696 | 7142 | 6571 |
| 40° | 5955 | 7274 | 5955 | 6283 |
| 45° | 5324 | 6781 | 5324 | 5951 |
| 50° | 5660 | 6192 | 5660 | 5619 |
| 55° | 5331 | 5558 | 5331 | 5427 |
| 60° | 5502 | 4721 | 5502 | 4970 |
| 65° | 4997 | 3902 | 4997 | 4362 |
| 70° | 3468 | 3110 | 3468 | 3657 |
| 75° | 3053 | 2299 | 3053 | 2753 |
| 80° | 2478 | 1520 | 2478 | 1655 |
| 85° | 1452 | 805  | 1452 | 684  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8155 cd/sqm

TEST NUMBER: P936005

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 267.4   | 1.1       |
| 10°-20°   | 759.1   | 3.1       |
| 20°-30°   | 1173.4  | 4.8       |
| 30°-40°   | 1400.8  | 5.7       |
| 40°-50°   | 1409.0  | 5.7       |
| 50°-60°   | 1226.0  | 5.0       |
| 60°-70°   | 869.2   | 3.5       |
| 70°-80°   | 459.9   | 1.9       |
| 80°-90°   | 124.5   | 0.5       |
| 90°-100°  | 1269.3  | 5.2       |
| 100°-110° | 3337.1  | 13.6      |
| 110°-120° | 3460.2  | 14.1      |
| 120°-130° | 2775.5  | 11.3      |
| 130°-140° | 2177.8  | 8.9       |
| 140°-150° | 1671.5  | 6.8       |
| 150°-160° | 1203.8  | 4.9       |
| 160°-170° | 736.5   | 3.0       |
| 170°-180° | 248.8   | 1.0       |
| 0°-30°    | 2199.9  | 9.0       |
| 0°-40°    | 3600.6  | 14.7      |
| 0°-60°    | 6235.6  | 25.4      |
| 0°-90°    | 7689.2  | 31.3      |
| 90°-120°  | 8066.6  | 32.8      |
| 90°-150°  | 14691.3 | 59.8      |
| 90°-180°  | 16880.0 | 68.7      |
| 0°-180°   | 24569.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 2962 | 2962 | 2962 | 2962 | 2962 |      |
| 5°   | 2976 | 3068 | 2976 | 2412 | 2976 | 282  |
| 15°  | 2841 | 3040 | 2841 | 2539 | 2841 | 799  |
| 25°  | 2502 | 2836 | 2502 | 2483 | 2502 | 1149 |
| 35°  | 1903 | 2530 | 1903 | 2160 | 1903 | 1177 |
| 45°  | 1227 | 2085 | 1227 | 1830 | 1227 | 983  |
| 55°  | 1000 | 1538 | 1000 | 1502 | 1000 | 919  |
| 65°  | 695  | 928  | 695  | 1037 | 695  | 664  |
| 75°  | 263  | 440  | 263  | 527  | 263  | 277  |
| 85°  | 45   | 112  | 45   | 95   | 45   | 61   |
| 90°  | 18   | 66   | 18   | 66   | 18   | 16   |
| 95°  | 168  | 767  | 168  | 767  | 168  | 186  |
| 105° | 601  | 5225 | 601  | 5225 | 601  | 637  |
| 115° | 1068 | 6728 | 1068 | 6728 | 1068 | 1055 |
| 125° | 1486 | 5358 | 1486 | 5358 | 1486 | 1319 |
| 135° | 1770 | 4158 | 1770 | 4158 | 1770 | 1370 |
| 145° | 2054 | 3373 | 2054 | 3373 | 2054 | 1286 |
| 155° | 2321 | 2905 | 2321 | 2905 | 2321 | 1066 |
| 165° | 2504 | 2705 | 2504 | 2705 | 2504 | 707  |
| 175° | 2604 | 2622 | 2604 | 2622 | 2604 | 247  |
| 180° | 2604 | 2604 | 2604 | 2604 | 2604 |      |



TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 |
| 2.5°   | 2987.0 | 2987.0 | 3003.8 | 3009.4 | 3009.4 | 3001.0 | 2992.6 | 3001.0 | 3026.3 | 3034.7 | 3031.9 |
| 5°     | 2975.8 | 2998.2 | 3029.1 | 3034.7 | 3040.3 | 3037.5 | 3031.9 | 3037.5 | 3065.5 | 3071.1 | 3073.9 |
| 7.5°   | 2953.4 | 2995.4 | 3034.7 | 3043.1 | 3051.5 | 3043.1 | 3040.3 | 3045.9 | 3073.9 | 3079.5 | 3079.5 |
| 10°    | 2925.4 | 2984.2 | 3029.1 | 3034.7 | 3043.1 | 3034.7 | 3034.7 | 3045.9 | 3073.9 | 3079.5 | 3082.3 |
| 12.5°  | 2886.2 | 2967.4 | 3009.4 | 3015.0 | 3026.3 | 3023.5 | 3020.6 | 3031.9 | 3059.9 | 3065.5 | 3065.5 |
| 15°    | 2841.3 | 2936.6 | 2975.8 | 2981.4 | 3001.0 | 2995.4 | 2995.4 | 3006.6 | 3037.5 | 3045.9 | 3043.1 |
| 17.5°  | 2779.7 | 2897.4 | 2942.2 | 2950.6 | 2964.6 | 2961.8 | 2964.6 | 2975.8 | 3003.8 | 3009.4 | 3012.2 |
| 20°    | 2709.6 | 2844.1 | 2897.4 | 2905.8 | 2919.8 | 2919.8 | 2919.8 | 2933.8 | 2961.8 | 2973.0 | 2973.0 |
| 22.5°  | 2614.4 | 2788.1 | 2844.1 | 2849.7 | 2866.5 | 2866.5 | 2872.1 | 2891.8 | 2917.0 | 2919.8 | 2919.8 |
| 25°    | 2502.3 | 2726.4 | 2774.1 | 2790.9 | 2807.7 | 2816.1 | 2824.5 | 2835.7 | 2844.1 | 2841.3 | 2844.1 |
| 27.5°  | 2384.5 | 2648.0 | 2709.6 | 2720.8 | 2743.3 | 2751.7 | 2762.9 | 2765.7 | 2768.5 | 2776.9 | 2771.3 |
| 30°    | 2252.8 | 2538.7 | 2631.2 | 2642.4 | 2678.8 | 2684.4 | 2673.2 | 2678.8 | 2692.8 | 2698.4 | 2704.0 |
| 32.5°  | 2104.3 | 2376.1 | 2549.9 | 2575.1 | 2608.8 | 2591.9 | 2589.1 | 2597.5 | 2620.0 | 2620.0 | 2625.6 |
| 35°    | 1902.6 | 2250.0 | 2474.3 | 2496.7 | 2521.9 | 2502.3 | 2513.5 | 2516.3 | 2530.3 | 2538.7 | 2535.9 |
| 37.5°  | 1681.2 | 2140.7 | 2395.7 | 2412.5 | 2432.1 | 2406.9 | 2423.7 | 2432.1 | 2443.3 | 2437.7 | 2437.7 |
| 40°    | 1485.1 | 1969.8 | 2303.2 | 2314.5 | 2331.3 | 2311.6 | 2328.5 | 2334.1 | 2339.7 | 2334.1 | 2331.3 |
| 42.5°  | 1339.4 | 1782.1 | 2205.2 | 2219.2 | 2208.0 | 2222.0 | 2227.6 | 2238.8 | 2230.4 | 2219.2 | 2219.2 |
| 45°    | 1227.3 | 1731.6 | 2098.7 | 2115.5 | 2098.7 | 2121.1 | 2129.5 | 2129.5 | 2104.3 | 2098.7 | 2095.9 |
| 47.5°  | 1190.9 | 1630.8 | 1992.2 | 1992.2 | 1983.8 | 2011.8 | 2025.8 | 2006.2 | 1981.0 | 1972.6 | 1972.6 |
| 50°    | 1188.0 | 1518.7 | 1846.5 | 1835.3 | 1874.5 | 1908.2 | 1894.2 | 1874.5 | 1854.9 | 1824.1 | 1824.1 |
| 52.5°  | 1078.8 | 1381.4 | 1658.8 | 1700.8 | 1762.5 | 1782.1 | 1759.7 | 1740.0 | 1706.4 | 1692.4 | 1681.2 |
| 55°    | 1000.3 | 1238.5 | 1487.9 | 1571.9 | 1636.4 | 1661.6 | 1619.6 | 1599.9 | 1549.5 | 1541.1 | 1535.5 |
| 57.5°  | 983.5  | 1031.1 | 1331.0 | 1437.4 | 1515.9 | 1513.1 | 1487.9 | 1451.4 | 1409.4 | 1401.0 | 1398.2 |
| 60°    | 902.2  | 745.3  | 1162.8 | 1288.9 | 1370.2 | 1361.8 | 1339.4 | 1305.7 | 1266.5 | 1260.9 | 1255.3 |
| 62.5°  | 818.2  | 540.8  | 972.3  | 1115.2 | 1230.1 | 1227.3 | 1207.7 | 1157.2 | 1129.2 | 1115.2 | 1104.0 |
| 65°    | 694.9  | 453.9  | 692.1  | 927.5  | 1092.8 | 1098.4 | 1056.4 | 1019.9 | 989.1  | 972.3  | 969.5  |
| 67.5°  | 529.6  | 369.9  | 467.9  | 773.4  | 961.1  | 955.5  | 902.2  | 885.4  | 846.2  | 837.8  | 821.0  |
| 70°    | 392.3  | 246.6  | 325.0  | 627.6  | 832.2  | 818.2  | 776.2  | 756.5  | 720.1  | 700.5  | 689.3  |
| 72.5°  | 325.0  | 198.9  | 238.2  | 487.5  | 700.5  | 683.7  | 647.3  | 624.8  | 594.0  | 577.2  | 566.0  |
| 75°    | 263.4  | 210.2  | 182.1  | 361.5  | 568.8  | 557.6  | 524.0  | 501.6  | 476.3  | 453.9  | 456.7  |
| 77.5°  | 193.3  | 196.1  | 145.7  | 266.2  | 451.1  | 434.3  | 414.7  | 386.7  | 375.5  | 353.1  | 353.1  |
| 80°    | 145.7  | 154.1  | 109.3  | 182.1  | 325.0  | 325.0  | 308.2  | 288.6  | 269.0  | 257.8  | 257.8  |
| 82.5°  | 98.1   | 98.1   | 81.3   | 114.9  | 221.4  | 213.0  | 201.7  | 196.1  | 184.9  | 179.3  | 179.3  |
| 85°    | 44.8   | 56.0   | 50.4   | 70.0   | 120.5  | 126.1  | 126.1  | 120.5  | 117.7  | 112.1  | 114.9  |
| 87.5°  | 14.0   | 25.2   | 30.8   | 39.2   | 61.6   | 64.4   | 67.2   | 67.2   | 67.2   | 70.0   | 70.0   |
| 90°    | 17.5   | 31.5   | 45.5   | 48.9   | 76.9   | 114.1  | 132.8  | 118.1  | 88.5   | 66.4   | 66.4   |
| 92.5°  | 69.9   | 188.7  | 307.6  | 337.3  | 474.2  | 656.7  | 747.9  | 655.5  | 470.6  | 332.0  | 318.9  |
| 95°    | 167.7  | 385.2  | 602.7  | 657.1  | 1166.8 | 1846.5 | 2186.3 | 1950.9 | 1480.3 | 1127.2 | 1087.3 |
| 97.5°  | 290.1  | 481.9  | 673.8  | 721.8  | 1571.7 | 2705.0 | 3271.5 | 3122.8 | 2825.4 | 2602.2 | 2526.1 |
| 100°   | 384.4  | 558.4  | 732.4  | 776.0  | 1719.1 | 2976.6 | 3605.3 | 3616.2 | 3637.9 | 3654.3 | 3563.6 |
| 102.5° | 464.9  | 627.2  | 789.5  | 830.1  | 1786.6 | 3062.0 | 3699.8 | 3889.3 | 4268.3 | 4552.6 | 4474.9 |
| 105°   | 601.2  | 738.7  | 876.2  | 910.6  | 1836.8 | 3071.7 | 3689.2 | 4114.1 | 4963.8 | 5601.1 | 5559.4 |
| 107.5° | 741.0  | 869.2  | 997.3  | 1029.4 | 1846.1 | 2935.0 | 3479.5 | 4072.1 | 5257.4 | 6146.4 | 6156.5 |
| 110°   | 835.4  | 951.1  | 1066.8 | 1095.8 | 1832.1 | 2813.9 | 3304.8 | 3967.4 | 5292.4 | 6286.2 | 6329.7 |

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 928.0  | 1038.3 | 1148.6 | 1176.2 | 1832.7 | 2708.0 | 3145.7 | 3823.8 | 5180.0 | 6197.1 | 6263.9 |
| 115°   | 1067.8 | 1169.6 | 1271.4 | 1296.8 | 1849.6 | 2586.7 | 2955.3 | 3608.5 | 4914.9 | 5894.8 | 5987.4 |
| 117.5° | 1205.9 | 1298.3 | 1390.7 | 1413.8 | 1883.9 | 2510.7 | 2824.1 | 3413.7 | 4592.8 | 5477.1 | 5579.8 |
| 120°   | 1286.2 | 1373.3 | 1460.2 | 1482.0 | 1911.9 | 2485.1 | 2771.7 | 3310.4 | 4387.7 | 5195.7 | 5295.5 |
| 122.5° | 1364.9 | 1452.7 | 1540.4 | 1562.4 | 1952.2 | 2471.7 | 2731.6 | 3216.6 | 4186.7 | 4914.3 | 5012.8 |
| 125°   | 1485.5 | 1565.5 | 1645.5 | 1665.5 | 2006.3 | 2460.7 | 2687.9 | 3099.9 | 3924.0 | 4542.0 | 4632.7 |
| 127.5° | 1583.3 | 1664.1 | 1744.9 | 1765.1 | 2060.4 | 2454.3 | 2651.2 | 3005.0 | 3712.6 | 4243.3 | 4319.8 |
| 130°   | 1635.8 | 1722.8 | 1809.7 | 1831.5 | 2100.0 | 2458.1 | 2637.1 | 2952.1 | 3582.1 | 4054.5 | 4125.2 |
| 132.5° | 1690.0 | 1776.9 | 1863.9 | 1885.7 | 2132.0 | 2460.6 | 2624.9 | 2906.9 | 3470.8 | 3893.8 | 3957.1 |
| 135°   | 1770.3 | 1849.5 | 1928.8 | 1948.6 | 2167.1 | 2458.4 | 2604.0 | 2840.1 | 3312.3 | 3666.5 | 3721.1 |
| 137.5° | 1852.5 | 1931.0 | 2009.4 | 2029.0 | 2219.5 | 2473.4 | 2600.4 | 2800.0 | 3199.3 | 3498.8 | 3543.4 |
| 140°   | 1920.7 | 1992.9 | 2065.2 | 2083.2 | 2251.5 | 2475.9 | 2588.2 | 2760.6 | 3105.6 | 3364.2 | 3405.9 |
| 142.5° | 1973.1 | 2039.9 | 2106.6 | 2123.4 | 2278.3 | 2484.9 | 2588.2 | 2739.7 | 3042.6 | 3269.8 | 3305.8 |
| 145°   | 2053.5 | 2111.8 | 2170.0 | 2184.5 | 2313.2 | 2484.9 | 2570.7 | 2694.6 | 2942.4 | 3128.2 | 3155.4 |
| 147.5° | 2133.8 | 2190.5 | 2247.2 | 2261.4 | 2364.5 | 2502.0 | 2570.7 | 2668.3 | 2863.2 | 3009.4 | 3032.0 |
| 150°   | 2186.3 | 2237.6 | 2288.9 | 2301.7 | 2391.3 | 2511.0 | 2570.7 | 2653.1 | 2817.8 | 2941.3 | 2959.5 |
| 152.5° | 2240.5 | 2279.3 | 2318.1 | 2327.8 | 2408.8 | 2516.8 | 2570.7 | 2641.1 | 2781.6 | 2887.1 | 2900.9 |
| 155°   | 2320.9 | 2349.7 | 2378.3 | 2385.5 | 2447.3 | 2529.6 | 2570.7 | 2626.7 | 2738.6 | 2822.5 | 2831.6 |
| 157.5° | 2380.3 | 2408.2 | 2436.2 | 2443.2 | 2485.7 | 2542.3 | 2570.7 | 2614.3 | 2701.2 | 2766.5 | 2773.0 |
| 160°   | 2420.5 | 2442.2 | 2464.0 | 2469.4 | 2503.2 | 2548.2 | 2570.7 | 2608.0 | 2682.5 | 2738.5 | 2742.2 |
| 162.5° | 2460.6 | 2477.0 | 2493.2 | 2497.3 | 2521.8 | 2554.4 | 2570.7 | 2602.2 | 2665.2 | 2712.3 | 2715.8 |
| 165°   | 2504.3 | 2519.1 | 2533.8 | 2537.6 | 2548.6 | 2563.4 | 2570.7 | 2593.3 | 2638.3 | 2672.1 | 2675.8 |
| 167.5° | 2544.6 | 2551.6 | 2558.5 | 2560.3 | 2569.6 | 2582.0 | 2588.2 | 2603.0 | 2632.5 | 2654.6 | 2656.2 |
| 170°   | 2570.7 | 2577.7 | 2584.8 | 2586.5 | 2587.1 | 2587.8 | 2588.2 | 2603.0 | 2632.5 | 2654.6 | 2654.6 |
| 172.5° | 2584.8 | 2586.2 | 2587.8 | 2588.2 | 2588.2 | 2588.2 | 2588.2 | 2599.9 | 2623.2 | 2640.7 | 2639.3 |
| 175°   | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2598.8 | 2591.8 | 2588.2 | 2595.6 | 2610.3 | 2621.5 | 2621.5 |
| 177.5° | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2599.9 | 2594.5 | 2591.8 | 2597.5 | 2609.2 | 2617.9 | 2616.3 |
| 180°   | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 |

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 |
| 2.5°   | 3037.5 | 3029.1 | 3037.5 | 3031.9 | 3034.7 | 3026.3 | 3001.0 | 2992.6 | 3001.0 | 3009.4 | 3009.4 |
| 5°     | 3073.9 | 3068.3 | 3073.9 | 3073.9 | 3071.1 | 3065.5 | 3037.5 | 3031.9 | 3037.5 | 3040.3 | 3034.7 |
| 7.5°   | 3085.1 | 3076.7 | 3085.1 | 3079.5 | 3079.5 | 3073.9 | 3045.9 | 3040.3 | 3043.1 | 3051.5 | 3043.1 |
| 10°    | 3085.1 | 3076.7 | 3085.1 | 3082.3 | 3079.5 | 3073.9 | 3045.9 | 3034.7 | 3034.7 | 3043.1 | 3034.7 |
| 12.5°  | 3071.1 | 3065.5 | 3071.1 | 3065.5 | 3065.5 | 3059.9 | 3031.9 | 3020.6 | 3023.5 | 3026.3 | 3015.0 |
| 15°    | 3048.7 | 3040.3 | 3048.7 | 3043.1 | 3045.9 | 3037.5 | 3006.6 | 2995.4 | 2995.4 | 3001.0 | 2981.4 |
| 17.5°  | 3015.0 | 3003.8 | 3015.0 | 3012.2 | 3009.4 | 3003.8 | 2975.8 | 2964.6 | 2961.8 | 2964.6 | 2950.6 |
| 20°    | 2975.8 | 2967.4 | 2975.8 | 2973.0 | 2973.0 | 2961.8 | 2933.8 | 2919.8 | 2919.8 | 2919.8 | 2905.8 |
| 22.5°  | 2914.2 | 2905.8 | 2914.2 | 2919.8 | 2919.8 | 2917.0 | 2891.8 | 2872.1 | 2866.5 | 2866.5 | 2849.7 |
| 25°    | 2844.1 | 2835.7 | 2844.1 | 2844.1 | 2841.3 | 2844.1 | 2835.7 | 2824.5 | 2816.1 | 2807.7 | 2790.9 |
| 27.5°  | 2776.9 | 2771.3 | 2776.9 | 2771.3 | 2776.9 | 2768.5 | 2765.7 | 2762.9 | 2751.7 | 2743.3 | 2720.8 |
| 30°    | 2709.6 | 2704.0 | 2709.6 | 2704.0 | 2698.4 | 2692.8 | 2678.8 | 2673.2 | 2684.4 | 2678.8 | 2642.4 |
| 32.5°  | 2625.6 | 2620.0 | 2625.6 | 2625.6 | 2620.0 | 2620.0 | 2597.5 | 2589.1 | 2591.9 | 2608.8 | 2575.1 |
| 35°    | 2538.7 | 2530.3 | 2538.7 | 2535.9 | 2538.7 | 2530.3 | 2516.3 | 2513.5 | 2502.3 | 2521.9 | 2496.7 |
| 37.5°  | 2437.7 | 2429.3 | 2437.7 | 2437.7 | 2437.7 | 2443.3 | 2432.1 | 2423.7 | 2406.9 | 2432.1 | 2412.5 |
| 40°    | 2334.1 | 2322.9 | 2334.1 | 2331.3 | 2334.1 | 2339.7 | 2334.1 | 2328.5 | 2311.6 | 2331.3 | 2314.5 |
| 42.5°  | 2216.4 | 2213.6 | 2216.4 | 2219.2 | 2219.2 | 2230.4 | 2238.8 | 2227.6 | 2222.0 | 2208.0 | 2219.2 |
| 45°    | 2090.3 | 2084.7 | 2090.3 | 2095.9 | 2098.7 | 2104.3 | 2129.5 | 2129.5 | 2121.1 | 2098.7 | 2115.5 |
| 47.5°  | 1955.8 | 1941.8 | 1955.8 | 1972.6 | 1972.6 | 1981.0 | 2006.2 | 2025.8 | 2011.8 | 1983.8 | 1992.2 |
| 50°    | 1812.9 | 1815.7 | 1812.9 | 1824.1 | 1824.1 | 1854.9 | 1874.5 | 1894.2 | 1908.2 | 1874.5 | 1835.3 |
| 52.5°  | 1672.8 | 1670.0 | 1672.8 | 1681.2 | 1692.4 | 1706.4 | 1740.0 | 1759.7 | 1782.1 | 1762.5 | 1700.8 |
| 55°    | 1532.7 | 1538.3 | 1532.7 | 1535.5 | 1541.1 | 1549.5 | 1599.9 | 1619.6 | 1661.6 | 1636.4 | 1571.9 |
| 57.5°  | 1392.6 | 1384.2 | 1392.6 | 1398.2 | 1401.0 | 1409.4 | 1451.4 | 1487.9 | 1513.1 | 1515.9 | 1437.4 |
| 60°    | 1230.1 | 1218.9 | 1230.1 | 1255.3 | 1260.9 | 1266.5 | 1305.7 | 1339.4 | 1361.8 | 1370.2 | 1288.9 |
| 62.5°  | 1087.2 | 1067.6 | 1087.2 | 1104.0 | 1115.2 | 1129.2 | 1157.2 | 1207.7 | 1227.3 | 1230.1 | 1115.2 |
| 65°    | 935.9  | 927.5  | 935.9  | 969.5  | 972.3  | 989.1  | 1019.9 | 1056.4 | 1098.4 | 1092.8 | 927.5  |
| 67.5°  | 798.6  | 798.6  | 798.6  | 821.0  | 837.8  | 846.2  | 885.4  | 902.2  | 955.5  | 961.1  | 773.4  |
| 70°    | 672.5  | 669.7  | 672.5  | 689.3  | 700.5  | 720.1  | 756.5  | 776.2  | 818.2  | 832.2  | 627.6  |
| 72.5°  | 552.0  | 549.2  | 552.0  | 566.0  | 577.2  | 594.0  | 624.8  | 647.3  | 683.7  | 700.5  | 487.5  |
| 75°    | 445.5  | 439.9  | 445.5  | 456.7  | 453.9  | 476.3  | 501.6  | 524.0  | 557.6  | 568.8  | 361.5  |
| 77.5°  | 341.8  | 341.8  | 341.8  | 353.1  | 353.1  | 375.5  | 386.7  | 414.7  | 434.3  | 451.1  | 266.2  |
| 80°    | 255.0  | 252.2  | 255.0  | 257.8  | 257.8  | 269.0  | 288.6  | 308.2  | 325.0  | 325.0  | 182.1  |
| 82.5°  | 179.3  | 173.7  | 179.3  | 179.3  | 179.3  | 184.9  | 196.1  | 201.7  | 213.0  | 221.4  | 114.9  |
| 85°    | 112.1  | 112.1  | 112.1  | 114.9  | 112.1  | 117.7  | 120.5  | 126.1  | 126.1  | 120.5  | 70.0   |
| 87.5°  | 72.9   | 70.0   | 72.9   | 70.0   | 70.0   | 67.2   | 67.2   | 67.2   | 64.4   | 61.6   | 39.2   |
| 90°    | 66.4   | 66.4   | 66.4   | 66.4   | 66.4   | 88.5   | 118.1  | 132.8  | 114.1  | 76.9   | 48.9   |
| 92.5°  | 266.0  | 213.2  | 266.0  | 318.9  | 332.0  | 470.6  | 655.5  | 747.9  | 656.7  | 474.2  | 337.3  |
| 95°    | 927.2  | 767.2  | 927.2  | 1087.3 | 1127.2 | 1480.3 | 1950.9 | 2186.3 | 1846.5 | 1166.8 | 657.1  |
| 97.5°  | 2221.6 | 1917.1 | 2221.6 | 2526.1 | 2602.2 | 2825.4 | 3122.8 | 3271.5 | 2705.0 | 1571.7 | 721.8  |
| 100°   | 3200.9 | 2838.1 | 3200.9 | 3563.6 | 3654.3 | 3637.9 | 3616.2 | 3605.3 | 2976.6 | 1719.1 | 776.0  |
| 102.5° | 4164.2 | 3853.5 | 4164.2 | 4474.9 | 4552.6 | 4268.3 | 3889.3 | 3699.8 | 3062.0 | 1786.6 | 830.1  |
| 105°   | 5392.4 | 5225.4 | 5392.4 | 5559.4 | 5601.1 | 4963.8 | 4114.1 | 3689.2 | 3071.7 | 1836.8 | 910.6  |
| 107.5° | 6196.9 | 6237.3 | 6196.9 | 6156.5 | 6146.4 | 5257.4 | 4072.1 | 3479.5 | 2935.0 | 1846.1 | 1029.4 |
| 110°   | 6503.7 | 6677.7 | 6503.7 | 6329.7 | 6286.2 | 5292.4 | 3967.4 | 3304.8 | 2813.9 | 1832.1 | 1095.8 |



TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 6531.1 | 6798.3 | 6531.1 | 6263.9 | 6197.1 | 5180.0 | 3823.8 | 3145.7 | 2708.0 | 1832.7 | 1176.2 |
| 115°   | 6357.8 | 6728.3 | 6357.8 | 5987.4 | 5894.8 | 4914.9 | 3608.5 | 2955.3 | 2586.7 | 1849.6 | 1296.8 |
| 117.5° | 5990.7 | 6401.5 | 5990.7 | 5579.8 | 5477.1 | 4592.8 | 3413.7 | 2824.1 | 2510.7 | 1883.9 | 1413.8 |
| 120°   | 5694.7 | 6094.0 | 5694.7 | 5295.5 | 5195.7 | 4387.7 | 3310.4 | 2771.7 | 2485.1 | 1911.9 | 1482.0 |
| 122.5° | 5406.6 | 5800.4 | 5406.6 | 5012.8 | 4914.3 | 4186.7 | 3216.6 | 2731.6 | 2471.7 | 1952.2 | 1562.4 |
| 125°   | 4995.5 | 5358.3 | 4995.5 | 4632.7 | 4542.0 | 3924.0 | 3099.9 | 2687.9 | 2460.7 | 2006.3 | 1665.5 |
| 127.5° | 4625.8 | 4931.8 | 4625.8 | 4319.8 | 4243.3 | 3712.6 | 3005.0 | 2651.2 | 2454.3 | 2060.4 | 1765.1 |
| 130°   | 4407.9 | 4690.6 | 4407.9 | 4125.2 | 4054.5 | 3582.1 | 2952.1 | 2637.1 | 2458.1 | 2100.0 | 1831.5 |
| 132.5° | 4210.2 | 4463.4 | 4210.2 | 3957.1 | 3893.8 | 3470.8 | 2906.9 | 2624.9 | 2460.6 | 2132.0 | 1885.7 |
| 135°   | 3939.3 | 4157.6 | 3939.3 | 3721.1 | 3666.5 | 3312.3 | 2840.1 | 2604.0 | 2458.4 | 2167.1 | 1948.6 |
| 137.5° | 3722.1 | 3900.7 | 3722.1 | 3543.4 | 3498.8 | 3199.3 | 2800.0 | 2600.4 | 2473.4 | 2219.5 | 2029.0 |
| 140°   | 3572.9 | 3739.9 | 3572.9 | 3405.9 | 3364.2 | 3105.6 | 2760.6 | 2588.2 | 2475.9 | 2251.5 | 2083.2 |
| 142.5° | 3449.4 | 3593.1 | 3449.4 | 3305.8 | 3269.8 | 3042.6 | 2739.7 | 2588.2 | 2484.9 | 2278.3 | 2123.4 |
| 145°   | 3264.2 | 3373.0 | 3264.2 | 3155.4 | 3128.2 | 2942.4 | 2694.6 | 2570.7 | 2484.9 | 2313.2 | 2184.5 |
| 147.5° | 3122.1 | 3212.1 | 3122.1 | 3032.0 | 3009.4 | 2863.2 | 2668.3 | 2570.7 | 2502.0 | 2364.5 | 2261.4 |
| 150°   | 3032.5 | 3105.6 | 3032.5 | 2959.5 | 2941.3 | 2817.8 | 2653.1 | 2570.7 | 2511.0 | 2391.3 | 2301.7 |
| 152.5° | 2956.0 | 3011.1 | 2956.0 | 2900.9 | 2887.1 | 2781.6 | 2641.1 | 2570.7 | 2516.8 | 2408.8 | 2327.8 |
| 155°   | 2868.0 | 2904.6 | 2868.0 | 2831.6 | 2822.5 | 2738.6 | 2626.7 | 2570.7 | 2529.6 | 2447.3 | 2385.5 |
| 157.5° | 2798.5 | 2824.1 | 2798.5 | 2773.0 | 2766.5 | 2701.2 | 2614.3 | 2570.7 | 2542.3 | 2485.7 | 2443.2 |
| 160°   | 2757.0 | 2771.7 | 2757.0 | 2742.2 | 2738.5 | 2682.5 | 2608.0 | 2570.7 | 2548.2 | 2503.2 | 2469.4 |
| 162.5° | 2729.8 | 2743.8 | 2729.8 | 2715.8 | 2712.3 | 2665.2 | 2602.2 | 2570.7 | 2554.4 | 2521.8 | 2497.3 |
| 165°   | 2690.6 | 2705.3 | 2690.6 | 2675.8 | 2672.1 | 2638.3 | 2593.3 | 2570.7 | 2563.4 | 2548.6 | 2537.6 |
| 167.5° | 2662.4 | 2668.6 | 2662.4 | 2656.2 | 2654.6 | 2632.5 | 2603.0 | 2588.2 | 2582.0 | 2569.6 | 2560.3 |
| 170°   | 2654.6 | 2654.6 | 2654.6 | 2654.6 | 2654.6 | 2632.5 | 2603.0 | 2588.2 | 2587.8 | 2587.1 | 2586.5 |
| 172.5° | 2633.9 | 2628.5 | 2633.9 | 2639.3 | 2640.7 | 2623.2 | 2599.9 | 2588.2 | 2588.2 | 2588.2 | 2588.2 |
| 175°   | 2621.5 | 2621.5 | 2621.5 | 2621.5 | 2621.5 | 2610.3 | 2595.6 | 2588.2 | 2591.8 | 2598.8 | 2604.0 |
| 177.5° | 2610.2 | 2604.0 | 2610.2 | 2616.3 | 2617.9 | 2609.2 | 2597.5 | 2591.8 | 2594.5 | 2599.9 | 2604.0 |
| 180°   | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 |

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 |
| 2.5°   | 3003.8 | 2987.0 | 2987.0 | 2959.0 | 2947.8 | 2939.4 | 2925.4 | 2883.4 | 2872.1 | 2860.9 | 2877.7 |
| 5°     | 3029.1 | 2998.2 | 2975.8 | 2925.4 | 2883.4 | 2866.5 | 2813.3 | 2712.4 | 2645.2 | 2594.7 | 2566.7 |
| 7.5°   | 3034.7 | 2995.4 | 2953.4 | 2874.9 | 2774.1 | 2729.2 | 2566.7 | 2381.7 | 2331.3 | 2286.4 | 2258.4 |
| 10°    | 3029.1 | 2984.2 | 2925.4 | 2807.7 | 2569.5 | 2491.1 | 2328.5 | 2208.0 | 2177.2 | 2168.7 | 2177.2 |
| 12.5°  | 3009.4 | 2967.4 | 2886.2 | 2690.0 | 2356.5 | 2303.2 | 2208.0 | 2137.9 | 2132.3 | 2146.3 | 2222.0 |
| 15°    | 2975.8 | 2936.6 | 2841.3 | 2533.1 | 2238.8 | 2199.6 | 2132.3 | 2107.1 | 2137.9 | 2236.0 | 2463.0 |
| 17.5°  | 2942.2 | 2897.4 | 2779.7 | 2378.9 | 2149.1 | 2121.1 | 2073.5 | 2123.9 | 2297.6 | 2429.3 | 2505.1 |
| 20°    | 2897.4 | 2844.1 | 2709.6 | 2266.8 | 2084.7 | 2059.5 | 2037.1 | 2264.0 | 2395.7 | 2443.3 | 2485.5 |
| 22.5°  | 2844.1 | 2788.1 | 2614.4 | 2188.4 | 2017.4 | 1997.8 | 2011.8 | 2342.5 | 2395.7 | 2429.3 | 2465.8 |
| 25°    | 2774.1 | 2726.4 | 2502.3 | 2126.7 | 1964.2 | 1941.8 | 1995.0 | 2334.1 | 2364.9 | 2373.3 | 2446.1 |
| 27.5°  | 2709.6 | 2648.0 | 2384.5 | 2070.7 | 1899.8 | 1891.4 | 2009.0 | 2297.6 | 2320.1 | 2328.5 | 2406.9 |
| 30°    | 2631.2 | 2538.7 | 2252.8 | 2011.8 | 1832.5 | 1829.7 | 2011.8 | 2252.8 | 2247.2 | 2269.6 | 2348.1 |
| 32.5°  | 2549.9 | 2376.1 | 2104.3 | 1939.0 | 1768.1 | 1765.3 | 1992.2 | 2185.6 | 2180.0 | 2210.8 | 2269.6 |
| 35°    | 2474.3 | 2250.0 | 1902.6 | 1854.9 | 1686.8 | 1689.6 | 1944.6 | 2107.1 | 2109.9 | 2137.9 | 2174.4 |
| 37.5°  | 2395.7 | 2140.7 | 1681.2 | 1762.5 | 1608.3 | 1608.3 | 1880.1 | 2034.3 | 2028.6 | 2037.1 | 2087.5 |
| 40°    | 2303.2 | 1969.8 | 1485.1 | 1642.0 | 1535.5 | 1527.1 | 1801.7 | 1955.8 | 1936.2 | 1933.4 | 2003.4 |
| 42.5°  | 2205.2 | 1782.1 | 1339.4 | 1482.3 | 1451.4 | 1440.2 | 1706.4 | 1860.5 | 1824.1 | 1832.5 | 1922.2 |
| 45°    | 2098.7 | 1731.6 | 1227.3 | 1252.5 | 1364.6 | 1356.2 | 1602.7 | 1751.2 | 1726.0 | 1748.4 | 1840.9 |
| 47.5°  | 1992.2 | 1630.8 | 1190.9 | 1039.5 | 1272.1 | 1269.3 | 1487.9 | 1644.8 | 1630.8 | 1653.2 | 1751.2 |
| 50°    | 1846.5 | 1518.7 | 1188.0 | 891.0  | 1168.4 | 1179.6 | 1350.6 | 1541.1 | 1541.1 | 1560.7 | 1664.4 |
| 52.5°  | 1658.8 | 1381.4 | 1078.8 | 807.0  | 1047.9 | 1081.6 | 1230.1 | 1451.4 | 1457.0 | 1476.7 | 1569.1 |
| 55°    | 1487.9 | 1238.5 | 1000.3 | 742.5  | 905.0  | 977.9  | 1112.4 | 1359.0 | 1370.2 | 1389.8 | 1473.9 |
| 57.5°  | 1331.0 | 1031.1 | 983.5  | 666.9  | 773.4  | 843.4  | 1008.7 | 1269.3 | 1274.9 | 1291.7 | 1373.0 |
| 60°    | 1162.8 | 745.3  | 902.2  | 585.6  | 658.5  | 711.7  | 913.5  | 1162.8 | 1182.4 | 1193.7 | 1263.7 |
| 62.5°  | 972.3  | 540.8  | 818.2  | 529.6  | 602.4  | 613.6  | 835.0  | 1062.0 | 1087.2 | 1095.6 | 1137.6 |
| 65°    | 692.1  | 453.9  | 694.9  | 481.9  | 543.6  | 546.4  | 750.9  | 958.3  | 980.7  | 994.7  | 1025.5 |
| 67.5°  | 467.9  | 369.9  | 529.6  | 437.1  | 498.8  | 501.6  | 669.7  | 837.8  | 868.6  | 879.8  | 899.4  |
| 70°    | 325.0  | 246.6  | 392.3  | 389.5  | 448.3  | 453.9  | 582.8  | 728.5  | 756.5  | 764.9  | 776.2  |
| 72.5°  | 238.2  | 198.9  | 325.0  | 350.2  | 395.1  | 400.7  | 493.2  | 605.2  | 633.3  | 641.7  | 647.3  |
| 75°    | 182.1  | 210.2  | 263.4  | 305.4  | 336.2  | 339.0  | 403.5  | 493.2  | 512.8  | 518.4  | 521.2  |
| 77.5°  | 145.7  | 196.1  | 193.3  | 246.6  | 274.6  | 269.0  | 316.6  | 381.1  | 397.9  | 397.9  | 397.9  |
| 80°    | 109.3  | 154.1  | 145.7  | 176.5  | 201.7  | 196.1  | 227.0  | 271.8  | 277.4  | 283.0  | 280.2  |
| 82.5°  | 81.3   | 98.1   | 98.1   | 112.1  | 134.5  | 128.9  | 151.3  | 176.5  | 176.5  | 176.5  | 182.1  |
| 85°    | 50.4   | 56.0   | 44.8   | 58.8   | 75.7   | 72.9   | 84.1   | 95.3   | 98.1   | 98.1   | 92.5   |
| 87.5°  | 30.8   | 25.2   | 14.0   | 22.4   | 33.6   | 33.6   | 39.2   | 42.0   | 39.2   | 39.2   | 39.2   |
| 90°    | 45.5   | 31.5   | 17.5   | 31.5   | 45.5   | 48.9   | 76.9   | 114.1  | 132.8  | 118.1  | 88.5   |
| 92.5°  | 307.6  | 188.7  | 69.9   | 188.7  | 307.6  | 337.3  | 474.2  | 656.7  | 747.9  | 655.5  | 470.6  |
| 95°    | 602.7  | 385.2  | 167.7  | 385.2  | 602.7  | 657.1  | 1166.8 | 1846.5 | 2186.3 | 1950.9 | 1480.3 |
| 97.5°  | 673.8  | 481.9  | 290.1  | 481.9  | 673.8  | 721.8  | 1571.7 | 2705.0 | 3271.5 | 3122.8 | 2825.4 |
| 100°   | 732.4  | 558.4  | 384.4  | 558.4  | 732.4  | 776.0  | 1719.1 | 2976.6 | 3605.3 | 3616.2 | 3637.9 |
| 102.5° | 789.5  | 627.2  | 464.9  | 627.2  | 789.5  | 830.1  | 1786.6 | 3062.0 | 3699.8 | 3889.3 | 4268.3 |
| 105°   | 876.2  | 738.7  | 601.2  | 738.7  | 876.2  | 910.6  | 1836.8 | 3071.7 | 3689.2 | 4114.1 | 4963.8 |
| 107.5° | 997.3  | 869.2  | 741.0  | 869.2  | 997.3  | 1029.4 | 1846.1 | 2935.0 | 3479.5 | 4072.1 | 5257.4 |
| 110°   | 1066.8 | 951.1  | 835.4  | 951.1  | 1066.8 | 1095.8 | 1832.1 | 2813.9 | 3304.8 | 3967.4 | 5292.4 |

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1148.6 | 1038.3 | 928.0  | 1038.3 | 1148.6 | 1176.2 | 1832.7 | 2708.0 | 3145.7 | 3823.8 | 5180.0 |
| 115°   | 1271.4 | 1169.6 | 1067.8 | 1169.6 | 1271.4 | 1296.8 | 1849.6 | 2586.7 | 2955.3 | 3608.5 | 4914.9 |
| 117.5° | 1390.7 | 1298.3 | 1205.9 | 1298.3 | 1390.7 | 1413.8 | 1883.9 | 2510.7 | 2824.1 | 3413.7 | 4592.8 |
| 120°   | 1460.2 | 1373.3 | 1286.2 | 1373.3 | 1460.2 | 1482.0 | 1911.9 | 2485.1 | 2771.7 | 3310.4 | 4387.7 |
| 122.5° | 1540.4 | 1452.7 | 1364.9 | 1452.7 | 1540.4 | 1562.4 | 1952.2 | 2471.7 | 2731.6 | 3216.6 | 4186.7 |
| 125°   | 1645.5 | 1565.5 | 1485.5 | 1565.5 | 1645.5 | 1665.5 | 2006.3 | 2460.7 | 2687.9 | 3099.9 | 3924.0 |
| 127.5° | 1744.9 | 1664.1 | 1583.3 | 1664.1 | 1744.9 | 1765.1 | 2060.4 | 2454.3 | 2651.2 | 3005.0 | 3712.6 |
| 130°   | 1809.7 | 1722.8 | 1635.8 | 1722.8 | 1809.7 | 1831.5 | 2100.0 | 2458.1 | 2637.1 | 2952.1 | 3582.1 |
| 132.5° | 1863.9 | 1776.9 | 1690.0 | 1776.9 | 1863.9 | 1885.7 | 2132.0 | 2460.6 | 2624.9 | 2906.9 | 3470.8 |
| 135°   | 1928.8 | 1849.5 | 1770.3 | 1849.5 | 1928.8 | 1948.6 | 2167.1 | 2458.4 | 2604.0 | 2840.1 | 3312.3 |
| 137.5° | 2009.4 | 1931.0 | 1852.5 | 1931.0 | 2009.4 | 2029.0 | 2219.5 | 2473.4 | 2600.4 | 2800.0 | 3199.3 |
| 140°   | 2065.2 | 1992.9 | 1920.7 | 1992.9 | 2065.2 | 2083.2 | 2251.5 | 2475.9 | 2588.2 | 2760.6 | 3105.6 |
| 142.5° | 2106.6 | 2039.9 | 1973.1 | 2039.9 | 2106.6 | 2123.4 | 2278.3 | 2484.9 | 2588.2 | 2739.7 | 3042.6 |
| 145°   | 2170.0 | 2111.8 | 2053.5 | 2111.8 | 2170.0 | 2184.5 | 2313.2 | 2484.9 | 2570.7 | 2694.6 | 2942.4 |
| 147.5° | 2247.2 | 2190.5 | 2133.8 | 2190.5 | 2247.2 | 2261.4 | 2364.5 | 2502.0 | 2570.7 | 2668.3 | 2863.2 |
| 150°   | 2288.9 | 2237.6 | 2186.3 | 2237.6 | 2288.9 | 2301.7 | 2391.3 | 2511.0 | 2570.7 | 2653.1 | 2817.8 |
| 152.5° | 2318.1 | 2279.3 | 2240.5 | 2279.3 | 2318.1 | 2327.8 | 2408.8 | 2516.8 | 2570.7 | 2641.1 | 2781.6 |
| 155°   | 2378.3 | 2349.7 | 2320.9 | 2349.7 | 2378.3 | 2385.5 | 2447.3 | 2529.6 | 2570.7 | 2626.7 | 2738.6 |
| 157.5° | 2436.2 | 2408.2 | 2380.3 | 2408.2 | 2436.2 | 2443.2 | 2485.7 | 2542.3 | 2570.7 | 2614.3 | 2701.2 |
| 160°   | 2464.0 | 2442.2 | 2420.5 | 2442.2 | 2464.0 | 2469.4 | 2503.2 | 2548.2 | 2570.7 | 2608.0 | 2682.5 |
| 162.5° | 2493.2 | 2477.0 | 2460.6 | 2477.0 | 2493.2 | 2497.3 | 2521.8 | 2554.4 | 2570.7 | 2602.2 | 2665.2 |
| 165°   | 2533.8 | 2519.1 | 2504.3 | 2519.1 | 2533.8 | 2537.6 | 2548.6 | 2563.4 | 2570.7 | 2593.3 | 2638.3 |
| 167.5° | 2558.5 | 2551.6 | 2544.6 | 2551.6 | 2558.5 | 2560.3 | 2569.6 | 2582.0 | 2588.2 | 2603.0 | 2632.5 |
| 170°   | 2584.8 | 2577.7 | 2570.7 | 2577.7 | 2584.8 | 2586.5 | 2587.1 | 2587.8 | 2588.2 | 2603.0 | 2632.5 |
| 172.5° | 2587.8 | 2586.2 | 2584.8 | 2586.2 | 2587.8 | 2588.2 | 2588.2 | 2588.2 | 2588.2 | 2599.9 | 2623.2 |
| 175°   | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2598.8 | 2591.8 | 2588.2 | 2595.6 | 2610.3 |
| 177.5° | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2599.9 | 2594.5 | 2591.8 | 2597.5 | 2609.2 |
| 180°   | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 |

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 |
| 2.5°   | 2858.1 | 2849.7 | 2860.9 | 2830.1 | 2860.9 | 2849.7 | 2858.1 | 2877.7 | 2860.9 | 2872.1 | 2883.4 |
| 5°     | 2507.9 | 2493.9 | 2448.9 | 2412.5 | 2448.9 | 2493.9 | 2507.9 | 2566.7 | 2594.7 | 2645.2 | 2712.4 |
| 7.5°   | 2241.6 | 2230.4 | 2219.2 | 2196.8 | 2219.2 | 2230.4 | 2241.6 | 2258.4 | 2286.4 | 2331.3 | 2381.7 |
| 10°    | 2182.8 | 2185.6 | 2202.4 | 2199.6 | 2202.4 | 2185.6 | 2182.8 | 2177.2 | 2168.7 | 2177.2 | 2208.0 |
| 12.5°  | 2334.1 | 2359.3 | 2451.8 | 2446.1 | 2451.8 | 2359.3 | 2334.1 | 2222.0 | 2146.3 | 2132.3 | 2137.9 |
| 15°    | 2507.9 | 2516.3 | 2535.9 | 2538.7 | 2535.9 | 2516.3 | 2507.9 | 2463.0 | 2236.0 | 2137.9 | 2107.1 |
| 17.5°  | 2524.7 | 2527.5 | 2541.5 | 2541.5 | 2541.5 | 2527.5 | 2524.7 | 2505.1 | 2429.3 | 2297.6 | 2123.9 |
| 20°    | 2510.7 | 2516.3 | 2544.3 | 2549.9 | 2544.3 | 2516.3 | 2510.7 | 2485.5 | 2443.3 | 2395.7 | 2264.0 |
| 22.5°  | 2505.1 | 2516.3 | 2538.7 | 2535.9 | 2538.7 | 2516.3 | 2505.1 | 2465.8 | 2429.3 | 2395.7 | 2342.5 |
| 25°    | 2477.1 | 2477.1 | 2479.9 | 2482.7 | 2479.9 | 2477.1 | 2477.1 | 2446.1 | 2373.3 | 2364.9 | 2334.1 |
| 27.5°  | 2418.1 | 2423.7 | 2440.5 | 2437.7 | 2440.5 | 2423.7 | 2418.1 | 2406.9 | 2328.5 | 2320.1 | 2297.6 |
| 30°    | 2364.9 | 2359.3 | 2345.3 | 2334.1 | 2345.3 | 2359.3 | 2364.9 | 2348.1 | 2269.6 | 2247.2 | 2252.8 |
| 32.5°  | 2275.2 | 2261.2 | 2247.2 | 2238.8 | 2247.2 | 2261.2 | 2275.2 | 2269.6 | 2210.8 | 2180.0 | 2185.6 |
| 35°    | 2168.7 | 2171.6 | 2168.7 | 2160.3 | 2168.7 | 2171.6 | 2168.7 | 2174.4 | 2137.9 | 2109.9 | 2107.1 |
| 37.5°  | 2093.1 | 2098.7 | 2095.9 | 2084.7 | 2095.9 | 2098.7 | 2093.1 | 2087.5 | 2037.1 | 2028.6 | 2034.3 |
| 40°    | 2014.6 | 2017.4 | 2014.6 | 2006.2 | 2014.6 | 2017.4 | 2014.6 | 2003.4 | 1933.4 | 1936.2 | 1955.8 |
| 42.5°  | 1939.0 | 1936.2 | 1927.8 | 1922.2 | 1927.8 | 1936.2 | 1939.0 | 1922.2 | 1832.5 | 1824.1 | 1860.5 |
| 45°    | 1852.1 | 1854.9 | 1838.1 | 1829.7 | 1838.1 | 1854.9 | 1852.1 | 1840.9 | 1748.4 | 1726.0 | 1751.2 |
| 47.5°  | 1765.3 | 1765.3 | 1751.2 | 1742.8 | 1751.2 | 1765.3 | 1765.3 | 1751.2 | 1653.2 | 1630.8 | 1644.8 |
| 50°    | 1672.8 | 1670.0 | 1650.4 | 1647.6 | 1650.4 | 1670.0 | 1672.8 | 1664.4 | 1560.7 | 1541.1 | 1541.1 |
| 52.5°  | 1566.3 | 1566.3 | 1569.1 | 1574.7 | 1569.1 | 1566.3 | 1566.3 | 1569.1 | 1476.7 | 1457.0 | 1451.4 |
| 55°    | 1473.9 | 1476.7 | 1496.3 | 1501.9 | 1496.3 | 1476.7 | 1473.9 | 1473.9 | 1389.8 | 1370.2 | 1359.0 |
| 57.5°  | 1378.6 | 1378.6 | 1392.6 | 1392.6 | 1392.6 | 1378.6 | 1378.6 | 1373.0 | 1291.7 | 1274.9 | 1269.3 |
| 60°    | 1269.3 | 1274.9 | 1286.1 | 1283.3 | 1286.1 | 1274.9 | 1269.3 | 1263.7 | 1193.7 | 1182.4 | 1162.8 |
| 62.5°  | 1154.4 | 1160.0 | 1162.8 | 1157.2 | 1162.8 | 1160.0 | 1154.4 | 1137.6 | 1095.6 | 1087.2 | 1062.0 |
| 65°    | 1033.9 | 1039.5 | 1042.3 | 1036.7 | 1042.3 | 1039.5 | 1033.9 | 1025.5 | 994.7  | 980.7  | 958.3  |
| 67.5°  | 910.6  | 907.8  | 905.0  | 916.3  | 905.0  | 907.8  | 910.6  | 899.4  | 879.8  | 868.6  | 837.8  |
| 70°    | 784.6  | 784.6  | 781.8  | 787.4  | 781.8  | 784.6  | 784.6  | 776.2  | 764.9  | 756.5  | 728.5  |
| 72.5°  | 650.1  | 647.3  | 658.5  | 650.1  | 658.5  | 647.3  | 650.1  | 647.3  | 641.7  | 633.3  | 605.2  |
| 75°    | 518.4  | 524.0  | 518.4  | 526.8  | 518.4  | 524.0  | 518.4  | 521.2  | 518.4  | 512.8  | 493.2  |
| 77.5°  | 395.1  | 400.7  | 395.1  | 395.1  | 395.1  | 400.7  | 395.1  | 397.9  | 397.9  | 397.9  | 381.1  |
| 80°    | 280.2  | 277.4  | 277.4  | 274.6  | 277.4  | 277.4  | 280.2  | 280.2  | 283.0  | 277.4  | 271.8  |
| 82.5°  | 179.3  | 176.5  | 176.5  | 182.1  | 176.5  | 176.5  | 179.3  | 182.1  | 176.5  | 176.5  | 176.5  |
| 85°    | 98.1   | 100.9  | 95.3   | 95.3   | 95.3   | 100.9  | 98.1   | 92.5   | 98.1   | 98.1   | 95.3   |
| 87.5°  | 36.4   | 33.6   | 33.6   | 33.6   | 33.6   | 33.6   | 36.4   | 39.2   | 39.2   | 39.2   | 42.0   |
| 90°    | 66.4   | 66.4   | 66.4   | 66.4   | 66.4   | 66.4   | 66.4   | 88.5   | 118.1  | 132.8  | 114.1  |
| 92.5°  | 332.0  | 318.9  | 266.0  | 213.2  | 266.0  | 318.9  | 332.0  | 470.6  | 655.5  | 747.9  | 656.7  |
| 95°    | 1127.2 | 1087.3 | 927.2  | 767.2  | 927.2  | 1087.3 | 1127.2 | 1480.3 | 1950.9 | 2186.3 | 1846.5 |
| 97.5°  | 2602.2 | 2526.1 | 2221.6 | 1917.1 | 2221.6 | 2526.1 | 2602.2 | 2825.4 | 3122.8 | 3271.5 | 2705.0 |
| 100°   | 3654.3 | 3563.6 | 3200.9 | 2838.1 | 3200.9 | 3563.6 | 3654.3 | 3637.9 | 3616.2 | 3605.3 | 2976.6 |
| 102.5° | 4552.6 | 4474.9 | 4164.2 | 3853.5 | 4164.2 | 4474.9 | 4552.6 | 4268.3 | 3889.3 | 3699.8 | 3062.0 |
| 105°   | 5601.1 | 5559.4 | 5392.4 | 5225.4 | 5392.4 | 5559.4 | 5601.1 | 4963.8 | 4114.1 | 3689.2 | 3071.7 |
| 107.5° | 6146.4 | 6156.5 | 6196.9 | 6237.3 | 6196.9 | 6156.5 | 6146.4 | 5257.4 | 4072.1 | 3479.5 | 2935.0 |
| 110°   | 6286.2 | 6329.7 | 6503.7 | 6677.7 | 6503.7 | 6329.7 | 6286.2 | 5292.4 | 3967.4 | 3304.8 | 2813.9 |

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 6197.1 | 6263.9 | 6531.1 | 6798.3 | 6531.1 | 6263.9 | 6197.1 | 5180.0 | 3823.8 | 3145.7 | 2708.0 |
| 115°   | 5894.8 | 5987.4 | 6357.8 | 6728.3 | 6357.8 | 5987.4 | 5894.8 | 4914.9 | 3608.5 | 2955.3 | 2586.7 |
| 117.5° | 5477.1 | 5579.8 | 5990.7 | 6401.5 | 5990.7 | 5579.8 | 5477.1 | 4592.8 | 3413.7 | 2824.1 | 2510.7 |
| 120°   | 5195.7 | 5295.5 | 5694.7 | 6094.0 | 5694.7 | 5295.5 | 5195.7 | 4387.7 | 3310.4 | 2771.7 | 2485.1 |
| 122.5° | 4914.3 | 5012.8 | 5406.6 | 5800.4 | 5406.6 | 5012.8 | 4914.3 | 4186.7 | 3216.6 | 2731.6 | 2471.7 |
| 125°   | 4542.0 | 4632.7 | 4995.5 | 5358.3 | 4995.5 | 4632.7 | 4542.0 | 3924.0 | 3099.9 | 2687.9 | 2460.7 |
| 127.5° | 4243.3 | 4319.8 | 4625.8 | 4931.8 | 4625.8 | 4319.8 | 4243.3 | 3712.6 | 3005.0 | 2651.2 | 2454.3 |
| 130°   | 4054.5 | 4125.2 | 4407.9 | 4690.6 | 4407.9 | 4125.2 | 4054.5 | 3582.1 | 2952.1 | 2637.1 | 2458.1 |
| 132.5° | 3893.8 | 3957.1 | 4210.2 | 4463.4 | 4210.2 | 3957.1 | 3893.8 | 3470.8 | 2906.9 | 2624.9 | 2460.6 |
| 135°   | 3666.5 | 3721.1 | 3939.3 | 4157.6 | 3939.3 | 3721.1 | 3666.5 | 3312.3 | 2840.1 | 2604.0 | 2458.4 |
| 137.5° | 3498.8 | 3543.4 | 3722.1 | 3900.7 | 3722.1 | 3543.4 | 3498.8 | 3199.3 | 2800.0 | 2600.4 | 2473.4 |
| 140°   | 3364.2 | 3405.9 | 3572.9 | 3739.9 | 3572.9 | 3405.9 | 3364.2 | 3105.6 | 2760.6 | 2588.2 | 2475.9 |
| 142.5° | 3269.8 | 3305.8 | 3449.4 | 3593.1 | 3449.4 | 3305.8 | 3269.8 | 3042.6 | 2739.7 | 2588.2 | 2484.9 |
| 145°   | 3128.2 | 3155.4 | 3264.2 | 3373.0 | 3264.2 | 3155.4 | 3128.2 | 2942.4 | 2694.6 | 2570.7 | 2484.9 |
| 147.5° | 3009.4 | 3032.0 | 3122.1 | 3212.1 | 3122.1 | 3032.0 | 3009.4 | 2863.2 | 2668.3 | 2570.7 | 2502.0 |
| 150°   | 2941.3 | 2959.5 | 3032.5 | 3105.6 | 3032.5 | 2959.5 | 2941.3 | 2817.8 | 2653.1 | 2570.7 | 2511.0 |
| 152.5° | 2887.1 | 2900.9 | 2956.0 | 3011.1 | 2956.0 | 2900.9 | 2887.1 | 2781.6 | 2641.1 | 2570.7 | 2516.8 |
| 155°   | 2822.5 | 2831.6 | 2868.0 | 2904.6 | 2868.0 | 2831.6 | 2822.5 | 2738.6 | 2626.7 | 2570.7 | 2529.6 |
| 157.5° | 2766.5 | 2773.0 | 2798.5 | 2824.1 | 2798.5 | 2773.0 | 2766.5 | 2701.2 | 2614.3 | 2570.7 | 2542.3 |
| 160°   | 2738.5 | 2742.2 | 2757.0 | 2771.7 | 2757.0 | 2742.2 | 2738.5 | 2682.5 | 2608.0 | 2570.7 | 2548.2 |
| 162.5° | 2712.3 | 2715.8 | 2729.8 | 2743.8 | 2729.8 | 2715.8 | 2712.3 | 2665.2 | 2602.2 | 2570.7 | 2554.4 |
| 165°   | 2672.1 | 2675.8 | 2690.6 | 2705.3 | 2690.6 | 2675.8 | 2672.1 | 2638.3 | 2593.3 | 2570.7 | 2563.4 |
| 167.5° | 2654.6 | 2656.2 | 2662.4 | 2668.6 | 2662.4 | 2656.2 | 2654.6 | 2632.5 | 2603.0 | 2588.2 | 2582.0 |
| 170°   | 2654.6 | 2654.6 | 2654.6 | 2654.6 | 2654.6 | 2654.6 | 2654.6 | 2632.5 | 2603.0 | 2588.2 | 2587.8 |
| 172.5° | 2640.7 | 2639.3 | 2633.9 | 2628.5 | 2633.9 | 2639.3 | 2640.7 | 2623.2 | 2599.9 | 2588.2 | 2588.2 |
| 175°   | 2621.5 | 2621.5 | 2621.5 | 2621.5 | 2621.5 | 2621.5 | 2621.5 | 2610.3 | 2595.6 | 2588.2 | 2591.8 |
| 177.5° | 2617.9 | 2616.3 | 2610.2 | 2604.0 | 2610.2 | 2616.3 | 2617.9 | 2609.2 | 2597.5 | 2591.8 | 2594.5 |
| 180°   | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 |

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 2961.8 | 2961.8 | 2961.8 | 2961.8 | 2961.8 |
| 2.5°   | 2925.4 | 2939.4 | 2947.8 | 2959.0 | 2987.0 |
| 5°     | 2813.3 | 2866.5 | 2883.4 | 2925.4 | 2975.8 |
| 7.5°   | 2566.7 | 2729.2 | 2774.1 | 2874.9 | 2953.4 |
| 10°    | 2328.5 | 2491.1 | 2569.5 | 2807.7 | 2925.4 |
| 12.5°  | 2208.0 | 2303.2 | 2356.5 | 2690.0 | 2886.2 |
| 15°    | 2132.3 | 2199.6 | 2238.8 | 2533.1 | 2841.3 |
| 17.5°  | 2073.5 | 2121.1 | 2149.1 | 2378.9 | 2779.7 |
| 20°    | 2037.1 | 2059.5 | 2084.7 | 2266.8 | 2709.6 |
| 22.5°  | 2011.8 | 1997.8 | 2017.4 | 2188.4 | 2614.4 |
| 25°    | 1995.0 | 1941.8 | 1964.2 | 2126.7 | 2502.3 |
| 27.5°  | 2009.0 | 1891.4 | 1899.8 | 2070.7 | 2384.5 |
| 30°    | 2011.8 | 1829.7 | 1832.5 | 2011.8 | 2252.8 |
| 32.5°  | 1992.2 | 1765.3 | 1768.1 | 1939.0 | 2104.3 |
| 35°    | 1944.6 | 1689.6 | 1686.8 | 1854.9 | 1902.6 |
| 37.5°  | 1880.1 | 1608.3 | 1608.3 | 1762.5 | 1681.2 |
| 40°    | 1801.7 | 1527.1 | 1535.5 | 1642.0 | 1485.1 |
| 42.5°  | 1706.4 | 1440.2 | 1451.4 | 1482.3 | 1339.4 |
| 45°    | 1602.7 | 1356.2 | 1364.6 | 1252.5 | 1227.3 |
| 47.5°  | 1487.9 | 1269.3 | 1272.1 | 1039.5 | 1190.9 |
| 50°    | 1350.6 | 1179.6 | 1168.4 | 891.0  | 1188.0 |
| 52.5°  | 1230.1 | 1081.6 | 1047.9 | 807.0  | 1078.8 |
| 55°    | 1112.4 | 977.9  | 905.0  | 742.5  | 1000.3 |
| 57.5°  | 1008.7 | 843.4  | 773.4  | 666.9  | 983.5  |
| 60°    | 913.5  | 711.7  | 658.5  | 585.6  | 902.2  |
| 62.5°  | 835.0  | 613.6  | 602.4  | 529.6  | 818.2  |
| 65°    | 750.9  | 546.4  | 543.6  | 481.9  | 694.9  |
| 67.5°  | 669.7  | 501.6  | 498.8  | 437.1  | 529.6  |
| 70°    | 582.8  | 453.9  | 448.3  | 389.5  | 392.3  |
| 72.5°  | 493.2  | 400.7  | 395.1  | 350.2  | 325.0  |
| 75°    | 403.5  | 339.0  | 336.2  | 305.4  | 263.4  |
| 77.5°  | 316.6  | 269.0  | 274.6  | 246.6  | 193.3  |
| 80°    | 227.0  | 196.1  | 201.7  | 176.5  | 145.7  |
| 82.5°  | 151.3  | 128.9  | 134.5  | 112.1  | 98.1   |
| 85°    | 84.1   | 72.9   | 75.7   | 58.8   | 44.8   |
| 87.5°  | 39.2   | 33.6   | 33.6   | 22.4   | 14.0   |
| 90°    | 76.9   | 48.9   | 45.5   | 31.5   | 17.5   |
| 92.5°  | 474.2  | 337.3  | 307.6  | 188.7  | 69.9   |
| 95°    | 1166.8 | 657.1  | 602.7  | 385.2  | 167.7  |
| 97.5°  | 1571.7 | 721.8  | 673.8  | 481.9  | 290.1  |
| 100°   | 1719.1 | 776.0  | 732.4  | 558.4  | 384.4  |
| 102.5° | 1786.6 | 830.1  | 789.5  | 627.2  | 464.9  |
| 105°   | 1836.8 | 910.6  | 876.2  | 738.7  | 601.2  |
| 107.5° | 1846.1 | 1029.4 | 997.3  | 869.2  | 741.0  |
| 110°   | 1832.1 | 1095.8 | 1066.8 | 951.1  | 835.4  |

TEST NUMBER: P936005

CATALOG NUMBER: SQ4-FA-150U-075D-B50-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1832.7 | 1176.2 | 1148.6 | 1038.3 | 928.0  |
| 115°   | 1849.6 | 1296.8 | 1271.4 | 1169.6 | 1067.8 |
| 117.5° | 1883.9 | 1413.8 | 1390.7 | 1298.3 | 1205.9 |
| 120°   | 1911.9 | 1482.0 | 1460.2 | 1373.3 | 1286.2 |
| 122.5° | 1952.2 | 1562.4 | 1540.4 | 1452.7 | 1364.9 |
| 125°   | 2006.3 | 1665.5 | 1645.5 | 1565.5 | 1485.5 |
| 127.5° | 2060.4 | 1765.1 | 1744.9 | 1664.1 | 1583.3 |
| 130°   | 2100.0 | 1831.5 | 1809.7 | 1722.8 | 1635.8 |
| 132.5° | 2132.0 | 1885.7 | 1863.9 | 1776.9 | 1690.0 |
| 135°   | 2167.1 | 1948.6 | 1928.8 | 1849.5 | 1770.3 |
| 137.5° | 2219.5 | 2029.0 | 2009.4 | 1931.0 | 1852.5 |
| 140°   | 2251.5 | 2083.2 | 2065.2 | 1992.9 | 1920.7 |
| 142.5° | 2278.3 | 2123.4 | 2106.6 | 2039.9 | 1973.1 |
| 145°   | 2313.2 | 2184.5 | 2170.0 | 2111.8 | 2053.5 |
| 147.5° | 2364.5 | 2261.4 | 2247.2 | 2190.5 | 2133.8 |
| 150°   | 2391.3 | 2301.7 | 2288.9 | 2237.6 | 2186.3 |
| 152.5° | 2408.8 | 2327.8 | 2318.1 | 2279.3 | 2240.5 |
| 155°   | 2447.3 | 2385.5 | 2378.3 | 2349.7 | 2320.9 |
| 157.5° | 2485.7 | 2443.2 | 2436.2 | 2408.2 | 2380.3 |
| 160°   | 2503.2 | 2469.4 | 2464.0 | 2442.2 | 2420.5 |
| 162.5° | 2521.8 | 2497.3 | 2493.2 | 2477.0 | 2460.6 |
| 165°   | 2548.6 | 2537.6 | 2533.8 | 2519.1 | 2504.3 |
| 167.5° | 2569.6 | 2560.3 | 2558.5 | 2551.6 | 2544.6 |
| 170°   | 2587.1 | 2586.5 | 2584.8 | 2577.7 | 2570.7 |
| 172.5° | 2588.2 | 2588.2 | 2587.8 | 2586.2 | 2584.8 |
| 175°   | 2598.8 | 2604.0 | 2604.0 | 2604.0 | 2604.0 |
| 177.5° | 2599.9 | 2604.0 | 2604.0 | 2604.0 | 2604.0 |
| 180°   | 2604.0 | 2604.0 | 2604.0 | 2604.0 | 2604.0 |

(END OF REPORT)