

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: P934807

Luminaire Tested: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P934807  
REPORT IS A COMBINATION OF REPORTS P933711 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

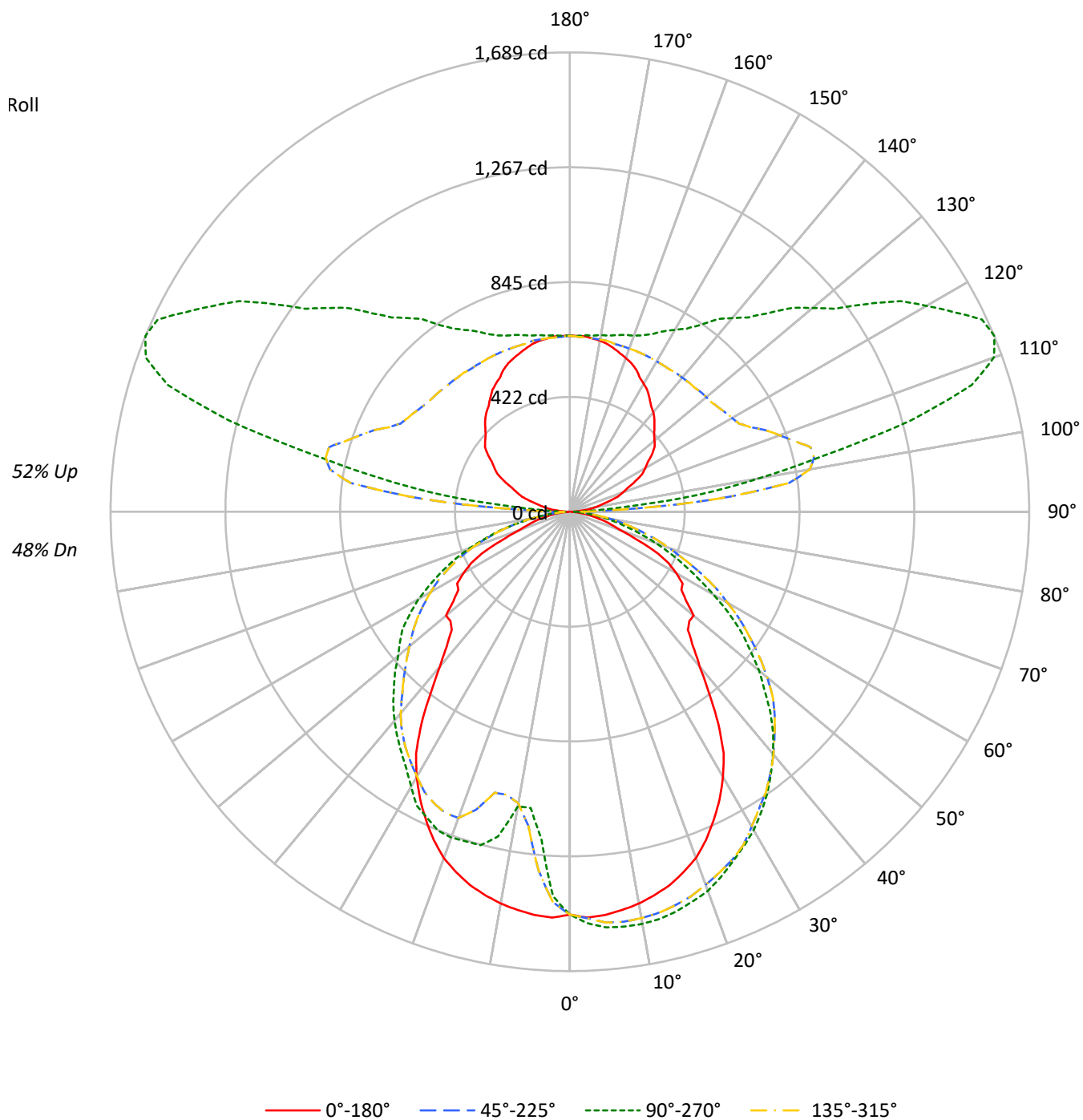
Lumens per Lamp: N/A  
Luminaire Lumens: 8037.0 lumens  
Efficiency: N/A  
Efficacy: 126.4 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 63.6  
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: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

### Luminous Intensity Polar Plot



TEST NUMBER: P934807

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**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   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 |
| 1   | 97  | 93  | 89  | 86  | 89 | 86 | 82 | 79 | 72 | 70 | 68 | 60 | 58 | 56 | 48 | 47 | 46 |
| 2   | 89  | 81  | 75  | 70  | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 40 | 39 |
| 3   | 81  | 71  | 64  | 58  | 74 | 66 | 60 | 54 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 |
| 4   | 74  | 63  | 55  | 49  | 68 | 58 | 52 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 31 | 28 |
| 5   | 68  | 56  | 48  | 42  | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 37 | 33 | 29 | 30 | 27 | 25 |
| 6   | 62  | 50  | 42  | 37  | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 |
| 7   | 58  | 45  | 38  | 32  | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 19 |
| 8   | 54  | 41  | 33  | 28  | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 |
| 9   | 50  | 38  | 30  | 25  | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 15 |
| 10  | 46  | 34  | 27  | 22  | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 9161 | 9161 | 9161 | 9161 |
| 5°  | 9226 | 9247 | 9226 | 7271 |
| 10° | 9161 | 9109 | 9161 | 6513 |
| 15° | 9058 | 8912 | 9058 | 7442 |
| 20° | 8865 | 8678 | 8865 | 7457 |
| 25° | 8474 | 8337 | 8474 | 7299 |
| 30° | 7969 | 8054 | 7969 | 6952 |
| 35° | 7101 | 7696 | 7101 | 6571 |
| 40° | 5913 | 7274 | 5913 | 6283 |
| 45° | 5280 | 6781 | 5280 | 5952 |
| 50° | 5605 | 6192 | 5605 | 5619 |
| 55° | 5269 | 5558 | 5269 | 5426 |
| 60° | 5425 | 4720 | 5425 | 4971 |
| 65° | 4910 | 3902 | 4910 | 4362 |
| 70° | 3392 | 3110 | 3392 | 3657 |
| 75° | 2963 | 2299 | 2963 | 2753 |
| 80° | 2373 | 1520 | 2373 | 1655 |
| 85° | 1335 | 804  | 1335 | 684  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8098 cd/sqm

TEST NUMBER: P934807

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 133.7  | 1.7       |
| 10°-20°   | 379.5  | 4.7       |
| 20°-30°   | 586.7  | 7.3       |
| 30°-40°   | 700.4  | 8.7       |
| 40°-50°   | 704.5  | 8.8       |
| 50°-60°   | 613.0  | 7.6       |
| 60°-70°   | 434.6  | 5.4       |
| 70°-80°   | 229.9  | 2.9       |
| 80°-90°   | 59.7   | 0.7       |
| 90°-100°  | 315.4  | 3.9       |
| 100°-110° | 829.3  | 10.3      |
| 110°-120° | 859.9  | 10.7      |
| 120°-130° | 689.7  | 8.6       |
| 130°-140° | 541.2  | 6.7       |
| 140°-150° | 415.4  | 5.2       |
| 150°-160° | 299.2  | 3.7       |
| 160°-170° | 183.0  | 2.3       |
| 170°-180° | 61.8   | 0.8       |
| 0°-30°    | 1099.9 | 13.7      |
| 0°-40°    | 1800.3 | 22.4      |
| 0°-60°    | 3117.8 | 38.8      |
| 0°-90°    | 3842.1 | 47.8      |
| 90°-120°  | 2004.6 | 24.9      |
| 90°-150°  | 3650.9 | 45.4      |
| 90°-180°  | 4195.0 | 52.2      |
| 0°-180°   | 8037.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1481 | 1481 | 1481 | 1481 | 1481 |      |
| 5°   | 1488 | 1534 | 1488 | 1206 | 1488 | 141  |
| 15°  | 1421 | 1520 | 1421 | 1269 | 1421 | 400  |
| 25°  | 1251 | 1418 | 1251 | 1241 | 1251 | 574  |
| 35°  | 951  | 1265 | 951  | 1080 | 951  | 589  |
| 45°  | 614  | 1042 | 614  | 915  | 614  | 492  |
| 55°  | 500  | 769  | 500  | 751  | 500  | 460  |
| 65°  | 347  | 464  | 347  | 518  | 347  | 332  |
| 75°  | 132  | 220  | 132  | 263  | 132  | 138  |
| 85°  | 22   | 56   | 22   | 48   | 22   | 30   |
| 90°  | 4    | 16   | 4    | 16   | 4    | 5    |
| 95°  | 42   | 191  | 42   | 191  | 42   | 46   |
| 105° | 149  | 1298 | 149  | 1298 | 149  | 158  |
| 115° | 265  | 1672 | 265  | 1672 | 265  | 262  |
| 125° | 369  | 1332 | 369  | 1332 | 369  | 328  |
| 135° | 440  | 1033 | 440  | 1033 | 440  | 340  |
| 145° | 510  | 838  | 510  | 838  | 510  | 320  |
| 155° | 577  | 722  | 577  | 722  | 577  | 265  |
| 165° | 622  | 672  | 622  | 672  | 622  | 176  |
| 175° | 647  | 652  | 647  | 652  | 647  | 61   |
| 180° | 647  | 647  | 647  | 647  | 647  |      |

TEST NUMBER: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 |
| 2.5°   | 1493.5 | 1493.5 | 1501.9 | 1504.7 | 1504.7 | 1500.5 | 1496.3 | 1500.5 | 1513.1 | 1517.3 | 1515.9 |
| 5°     | 1487.9 | 1499.1 | 1514.5 | 1517.3 | 1520.1 | 1518.7 | 1515.9 | 1518.7 | 1532.7 | 1535.5 | 1536.9 |
| 7.5°   | 1476.7 | 1497.7 | 1517.3 | 1521.5 | 1525.7 | 1521.5 | 1520.1 | 1522.9 | 1536.9 | 1539.7 | 1539.7 |
| 10°    | 1462.6 | 1492.1 | 1514.5 | 1517.3 | 1521.5 | 1517.3 | 1517.3 | 1522.9 | 1536.9 | 1539.7 | 1541.1 |
| 12.5°  | 1443.0 | 1483.7 | 1504.7 | 1507.5 | 1513.1 | 1511.7 | 1510.3 | 1515.9 | 1529.9 | 1532.7 | 1532.7 |
| 15°    | 1420.6 | 1468.2 | 1487.9 | 1490.7 | 1500.5 | 1497.7 | 1497.7 | 1503.3 | 1518.7 | 1522.9 | 1521.5 |
| 17.5°  | 1389.8 | 1448.6 | 1471.1 | 1475.3 | 1482.3 | 1480.9 | 1482.3 | 1487.9 | 1501.9 | 1504.7 | 1506.1 |
| 20°    | 1354.8 | 1422.0 | 1448.6 | 1452.8 | 1459.8 | 1459.8 | 1459.8 | 1466.8 | 1480.9 | 1486.5 | 1486.5 |
| 22.5°  | 1307.1 | 1394.0 | 1422.0 | 1424.8 | 1433.2 | 1433.2 | 1436.0 | 1445.8 | 1458.4 | 1459.8 | 1459.8 |
| 25°    | 1251.1 | 1363.2 | 1387.0 | 1395.4 | 1403.8 | 1408.0 | 1412.2 | 1417.8 | 1422.0 | 1420.6 | 1422.0 |
| 27.5°  | 1192.3 | 1323.9 | 1354.8 | 1360.4 | 1371.6 | 1375.8 | 1381.4 | 1382.8 | 1384.2 | 1388.4 | 1385.6 |
| 30°    | 1126.4 | 1269.3 | 1315.5 | 1321.1 | 1339.4 | 1342.2 | 1336.6 | 1339.4 | 1346.4 | 1349.2 | 1352.0 |
| 32.5°  | 1052.2 | 1188.0 | 1274.9 | 1287.5 | 1304.3 | 1295.9 | 1294.5 | 1298.7 | 1309.9 | 1309.9 | 1312.7 |
| 35°    | 951.3  | 1125.0 | 1237.1 | 1248.3 | 1260.9 | 1251.1 | 1256.7 | 1258.1 | 1265.1 | 1269.3 | 1267.9 |
| 37.5°  | 840.6  | 1070.4 | 1197.9 | 1206.3 | 1216.1 | 1203.5 | 1211.9 | 1216.1 | 1221.7 | 1218.9 | 1218.9 |
| 40°    | 742.5  | 984.9  | 1151.6 | 1157.2 | 1165.6 | 1155.8 | 1164.2 | 1167.0 | 1169.8 | 1167.0 | 1165.6 |
| 42.5°  | 669.7  | 891.0  | 1102.6 | 1109.6 | 1104.0 | 1111.0 | 1113.8 | 1119.4 | 1115.2 | 1109.6 | 1109.6 |
| 45°    | 613.6  | 865.8  | 1049.3 | 1057.8 | 1049.3 | 1060.6 | 1064.8 | 1064.8 | 1052.2 | 1049.3 | 1047.9 |
| 47.5°  | 595.4  | 815.4  | 996.1  | 996.1  | 991.9  | 1005.9 | 1012.9 | 1003.1 | 990.5  | 986.3  | 986.3  |
| 50°    | 594.0  | 759.3  | 923.3  | 917.7  | 937.3  | 954.1  | 947.1  | 937.3  | 927.5  | 912.1  | 912.1  |
| 52.5°  | 539.4  | 690.7  | 829.4  | 850.4  | 881.2  | 891.0  | 879.8  | 870.0  | 853.2  | 846.2  | 840.6  |
| 55°    | 500.2  | 619.2  | 743.9  | 786.0  | 818.2  | 830.8  | 809.8  | 800.0  | 774.8  | 770.6  | 767.7  |
| 57.5°  | 491.8  | 515.6  | 665.5  | 718.7  | 757.9  | 756.5  | 743.9  | 725.7  | 704.7  | 700.5  | 699.1  |
| 60°    | 451.1  | 372.7  | 581.4  | 644.5  | 685.1  | 680.9  | 669.7  | 652.9  | 633.3  | 630.4  | 627.6  |
| 62.5°  | 409.1  | 270.4  | 486.1  | 557.6  | 615.0  | 613.6  | 603.8  | 578.6  | 564.6  | 557.6  | 552.0  |
| 65°    | 347.4  | 227.0  | 346.0  | 463.7  | 546.4  | 549.2  | 528.2  | 510.0  | 494.6  | 486.1  | 484.7  |
| 67.5°  | 264.8  | 184.9  | 234.0  | 386.7  | 480.5  | 477.7  | 451.1  | 442.7  | 423.1  | 418.9  | 410.5  |
| 70°    | 196.1  | 123.3  | 162.5  | 313.8  | 416.1  | 409.1  | 388.1  | 378.3  | 360.1  | 350.2  | 344.6  |
| 72.5°  | 162.5  | 99.5   | 119.1  | 243.8  | 350.2  | 341.8  | 323.6  | 312.4  | 297.0  | 288.6  | 283.0  |
| 75°    | 131.7  | 105.1  | 91.1   | 180.7  | 284.4  | 278.8  | 262.0  | 250.8  | 238.2  | 227.0  | 228.4  |
| 77.5°  | 96.7   | 98.1   | 72.9   | 133.1  | 225.6  | 217.2  | 207.3  | 193.3  | 187.7  | 176.5  | 176.5  |
| 80°    | 72.9   | 77.1   | 54.6   | 91.1   | 162.5  | 162.5  | 154.1  | 144.3  | 134.5  | 128.9  | 128.9  |
| 82.5°  | 49.0   | 49.0   | 40.6   | 57.4   | 110.7  | 106.5  | 100.9  | 98.1   | 92.5   | 89.7   | 89.7   |
| 85°    | 22.4   | 28.0   | 25.2   | 35.0   | 60.2   | 63.0   | 63.0   | 60.2   | 58.8   | 56.0   | 57.4   |
| 87.5°  | 7.0    | 12.6   | 15.4   | 19.6   | 30.8   | 32.2   | 33.6   | 33.6   | 33.6   | 35.0   | 35.0   |
| 90°    | 4.3    | 7.8    | 11.3   | 12.1   | 19.1   | 28.3   | 33.0   | 29.3   | 22.0   | 16.5   | 16.5   |
| 92.5°  | 17.4   | 46.9   | 76.4   | 83.8   | 117.8  | 163.2  | 185.9  | 162.9  | 116.9  | 82.5   | 79.2   |
| 95°    | 41.7   | 95.7   | 149.7  | 163.3  | 289.9  | 458.9  | 543.3  | 484.8  | 367.8  | 280.1  | 270.2  |
| 97.5°  | 72.1   | 119.7  | 167.4  | 179.3  | 390.6  | 672.2  | 813.0  | 776.1  | 702.2  | 646.7  | 627.7  |
| 100°   | 95.5   | 138.8  | 182.0  | 192.9  | 427.2  | 739.7  | 896.0  | 898.7  | 904.1  | 908.1  | 885.6  |
| 102.5° | 115.5  | 155.9  | 196.2  | 206.3  | 444.0  | 760.9  | 919.4  | 966.5  | 1060.7 | 1131.4 | 1112.0 |
| 105°   | 149.4  | 183.6  | 217.8  | 226.3  | 456.4  | 763.4  | 916.8  | 1022.4 | 1233.5 | 1391.9 | 1381.6 |
| 107.5° | 184.2  | 216.0  | 247.9  | 255.8  | 458.8  | 729.4  | 864.7  | 1012.0 | 1306.6 | 1527.5 | 1530.0 |
| 110°   | 207.6  | 236.4  | 265.1  | 272.3  | 455.2  | 699.3  | 821.3  | 985.9  | 1315.3 | 1562.2 | 1573.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°   | 60°    | 67.5°  | 70°    |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 230.6 | 258.0 | 285.4 | 292.2 | 455.4 | 672.9 | 781.8 | 950.3 | 1287.2 | 1540.0 | 1556.6 |
| 115°   | 265.3 | 290.7 | 315.9 | 322.2 | 459.6 | 642.8 | 734.4 | 896.7 | 1221.4 | 1464.9 | 1487.9 |
| 117.5° | 299.6 | 322.6 | 345.6 | 351.4 | 468.2 | 623.9 | 701.8 | 848.4 | 1141.3 | 1361.1 | 1386.6 |
| 120°   | 319.6 | 341.3 | 362.9 | 368.3 | 475.1 | 617.6 | 688.8 | 822.7 | 1090.4 | 1291.2 | 1316.0 |
| 122.5° | 339.2 | 361.0 | 382.8 | 388.3 | 485.1 | 614.3 | 678.8 | 799.3 | 1040.4 | 1221.2 | 1245.7 |
| 125°   | 369.1 | 389.0 | 408.9 | 413.9 | 498.6 | 611.5 | 668.0 | 770.4 | 975.2  | 1128.7 | 1151.2 |
| 127.5° | 393.5 | 413.6 | 433.6 | 438.6 | 512.0 | 609.9 | 658.8 | 746.7 | 922.6  | 1054.5 | 1073.5 |
| 130°   | 406.5 | 428.1 | 449.7 | 455.1 | 521.9 | 610.9 | 655.4 | 733.7 | 890.2  | 1007.6 | 1025.2 |
| 132.5° | 419.9 | 441.6 | 463.2 | 468.6 | 529.9 | 611.5 | 652.3 | 722.4 | 862.5  | 967.6  | 983.3  |
| 135°   | 439.9 | 459.6 | 479.3 | 484.3 | 538.5 | 610.9 | 647.1 | 705.7 | 823.1  | 911.1  | 924.7  |
| 137.5° | 460.4 | 479.8 | 499.3 | 504.2 | 551.5 | 614.7 | 646.2 | 695.8 | 795.0  | 869.5  | 880.6  |
| 140°   | 477.3 | 495.2 | 513.2 | 517.7 | 559.6 | 615.3 | 643.2 | 686.0 | 771.8  | 836.0  | 846.4  |
| 142.5° | 490.4 | 507.0 | 523.6 | 527.7 | 566.2 | 617.5 | 643.2 | 680.8 | 756.1  | 812.6  | 821.5  |
| 145°   | 510.3 | 524.8 | 539.2 | 542.8 | 574.9 | 617.6 | 638.9 | 669.7 | 731.2  | 777.4  | 784.1  |
| 147.5° | 530.2 | 544.3 | 558.4 | 562.0 | 587.6 | 621.8 | 638.9 | 663.0 | 711.5  | 747.9  | 753.5  |
| 150°   | 543.3 | 556.0 | 568.8 | 572.0 | 594.3 | 624.0 | 638.9 | 659.3 | 700.2  | 730.9  | 735.5  |
| 152.5° | 556.8 | 566.5 | 576.1 | 578.5 | 598.6 | 625.4 | 638.9 | 656.3 | 691.3  | 717.5  | 721.0  |
| 155°   | 576.7 | 583.8 | 591.0 | 592.8 | 608.1 | 628.6 | 638.9 | 652.8 | 680.6  | 701.4  | 703.7  |
| 157.5° | 591.5 | 598.5 | 605.4 | 607.2 | 617.7 | 631.9 | 638.9 | 649.7 | 671.3  | 687.5  | 689.1  |
| 160°   | 601.5 | 606.9 | 612.3 | 613.6 | 622.0 | 633.3 | 638.9 | 648.1 | 666.6  | 680.5  | 681.4  |
| 162.5° | 611.5 | 615.6 | 619.6 | 620.6 | 626.7 | 634.8 | 638.9 | 646.7 | 662.3  | 674.1  | 674.9  |
| 165°   | 622.3 | 626.1 | 629.7 | 630.6 | 633.3 | 637.0 | 638.9 | 644.5 | 655.7  | 664.1  | 665.0  |
| 167.5° | 632.3 | 634.1 | 635.8 | 636.2 | 638.6 | 641.7 | 643.2 | 646.8 | 654.2  | 659.7  | 660.1  |
| 170°   | 638.9 | 640.6 | 642.3 | 642.8 | 642.9 | 643.1 | 643.2 | 646.8 | 654.2  | 659.7  | 659.7  |
| 172.5° | 642.3 | 642.7 | 643.1 | 643.2 | 643.2 | 643.2 | 643.2 | 646.0 | 651.8  | 656.2  | 655.9  |
| 175°   | 647.1 | 647.1 | 647.1 | 647.1 | 645.8 | 644.0 | 643.2 | 645.0 | 648.7  | 651.5  | 651.5  |
| 177.5° | 647.1 | 647.1 | 647.1 | 647.1 | 646.0 | 644.7 | 644.1 | 645.6 | 648.5  | 650.6  | 650.3  |
| 180°   | 647.1 | 647.1 | 647.1 | 647.1 | 647.1 | 647.1 | 647.1 | 647.1 | 647.1  | 647.1  | 647.1  |

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CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 |
| 2.5°   | 1518.7 | 1514.5 | 1518.7 | 1515.9 | 1517.3 | 1513.1 | 1500.5 | 1496.3 | 1500.5 | 1504.7 | 1504.7 |
| 5°     | 1536.9 | 1534.1 | 1536.9 | 1536.9 | 1535.5 | 1532.7 | 1518.7 | 1515.9 | 1518.7 | 1520.1 | 1517.3 |
| 7.5°   | 1542.5 | 1538.3 | 1542.5 | 1539.7 | 1539.7 | 1536.9 | 1522.9 | 1520.1 | 1521.5 | 1525.7 | 1521.5 |
| 10°    | 1542.5 | 1538.3 | 1542.5 | 1541.1 | 1539.7 | 1536.9 | 1522.9 | 1517.3 | 1517.3 | 1521.5 | 1517.3 |
| 12.5°  | 1535.5 | 1532.7 | 1535.5 | 1532.7 | 1532.7 | 1529.9 | 1515.9 | 1510.3 | 1511.7 | 1513.1 | 1507.5 |
| 15°    | 1524.3 | 1520.1 | 1524.3 | 1521.5 | 1522.9 | 1518.7 | 1503.3 | 1497.7 | 1497.7 | 1500.5 | 1490.7 |
| 17.5°  | 1507.5 | 1501.9 | 1507.5 | 1506.1 | 1504.7 | 1501.9 | 1487.9 | 1482.3 | 1480.9 | 1482.3 | 1475.3 |
| 20°    | 1487.9 | 1483.7 | 1487.9 | 1486.5 | 1486.5 | 1480.9 | 1466.8 | 1459.8 | 1459.8 | 1459.8 | 1452.8 |
| 22.5°  | 1457.0 | 1452.8 | 1457.0 | 1459.8 | 1459.8 | 1458.4 | 1445.8 | 1436.0 | 1433.2 | 1433.2 | 1424.8 |
| 25°    | 1422.0 | 1417.8 | 1422.0 | 1422.0 | 1420.6 | 1422.0 | 1417.8 | 1412.2 | 1408.0 | 1403.8 | 1395.4 |
| 27.5°  | 1388.4 | 1385.6 | 1388.4 | 1385.6 | 1388.4 | 1384.2 | 1382.8 | 1381.4 | 1375.8 | 1371.6 | 1360.4 |
| 30°    | 1354.8 | 1352.0 | 1354.8 | 1352.0 | 1349.2 | 1346.4 | 1339.4 | 1336.6 | 1342.2 | 1339.4 | 1321.1 |
| 32.5°  | 1312.7 | 1309.9 | 1312.7 | 1312.7 | 1309.9 | 1309.9 | 1298.7 | 1294.5 | 1295.9 | 1304.3 | 1287.5 |
| 35°    | 1269.3 | 1265.1 | 1269.3 | 1267.9 | 1269.3 | 1265.1 | 1258.1 | 1256.7 | 1251.1 | 1260.9 | 1248.3 |
| 37.5°  | 1218.9 | 1214.7 | 1218.9 | 1218.9 | 1218.9 | 1221.7 | 1216.1 | 1211.9 | 1203.5 | 1216.1 | 1206.3 |
| 40°    | 1167.0 | 1161.4 | 1167.0 | 1165.6 | 1167.0 | 1169.8 | 1167.0 | 1164.2 | 1155.8 | 1165.6 | 1157.2 |
| 42.5°  | 1108.2 | 1106.8 | 1108.2 | 1109.6 | 1109.6 | 1115.2 | 1119.4 | 1113.8 | 1111.0 | 1104.0 | 1109.6 |
| 45°    | 1045.1 | 1042.3 | 1045.1 | 1047.9 | 1049.3 | 1052.2 | 1064.8 | 1064.8 | 1060.6 | 1049.3 | 1057.8 |
| 47.5°  | 977.9  | 970.9  | 977.9  | 986.3  | 986.3  | 990.5  | 1003.1 | 1012.9 | 1005.9 | 991.9  | 996.1  |
| 50°    | 906.4  | 907.8  | 906.4  | 912.1  | 912.1  | 927.5  | 937.3  | 947.1  | 954.1  | 937.3  | 917.7  |
| 52.5°  | 836.4  | 835.0  | 836.4  | 840.6  | 846.2  | 853.2  | 870.0  | 879.8  | 891.0  | 881.2  | 850.4  |
| 55°    | 766.3  | 769.1  | 766.3  | 767.7  | 770.6  | 774.8  | 800.0  | 809.8  | 830.8  | 818.2  | 786.0  |
| 57.5°  | 696.3  | 692.1  | 696.3  | 699.1  | 700.5  | 704.7  | 725.7  | 743.9  | 756.5  | 757.9  | 718.7  |
| 60°    | 615.0  | 609.4  | 615.0  | 627.6  | 630.4  | 633.3  | 652.9  | 669.7  | 680.9  | 685.1  | 644.5  |
| 62.5°  | 543.6  | 533.8  | 543.6  | 552.0  | 557.6  | 564.6  | 578.6  | 603.8  | 613.6  | 615.0  | 557.6  |
| 65°    | 467.9  | 463.7  | 467.9  | 484.7  | 486.1  | 494.6  | 510.0  | 528.2  | 549.2  | 546.4  | 463.7  |
| 67.5°  | 399.3  | 399.3  | 399.3  | 410.5  | 418.9  | 423.1  | 442.7  | 451.1  | 477.7  | 480.5  | 386.7  |
| 70°    | 336.2  | 334.8  | 336.2  | 344.6  | 350.2  | 360.1  | 378.3  | 388.1  | 409.1  | 416.1  | 313.8  |
| 72.5°  | 276.0  | 274.6  | 276.0  | 283.0  | 288.6  | 297.0  | 312.4  | 323.6  | 341.8  | 350.2  | 243.8  |
| 75°    | 222.8  | 220.0  | 222.8  | 228.4  | 227.0  | 238.2  | 250.8  | 262.0  | 278.8  | 284.4  | 180.7  |
| 77.5°  | 170.9  | 170.9  | 170.9  | 176.5  | 176.5  | 187.7  | 193.3  | 207.3  | 217.2  | 225.6  | 133.1  |
| 80°    | 127.5  | 126.1  | 127.5  | 128.9  | 128.9  | 134.5  | 144.3  | 154.1  | 162.5  | 162.5  | 91.1   |
| 82.5°  | 89.7   | 86.9   | 89.7   | 89.7   | 89.7   | 92.5   | 98.1   | 100.9  | 106.5  | 110.7  | 57.4   |
| 85°    | 56.0   | 56.0   | 56.0   | 57.4   | 56.0   | 58.8   | 60.2   | 63.0   | 63.0   | 60.2   | 35.0   |
| 87.5°  | 36.4   | 35.0   | 36.4   | 35.0   | 35.0   | 33.6   | 33.6   | 33.6   | 32.2   | 30.8   | 19.6   |
| 90°    | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 22.0   | 29.3   | 33.0   | 28.3   | 19.1   | 12.1   |
| 92.5°  | 66.0   | 53.0   | 66.0   | 79.2   | 82.5   | 116.9  | 162.9  | 185.9  | 163.2  | 117.8  | 83.8   |
| 95°    | 230.4  | 190.6  | 230.4  | 270.2  | 280.1  | 367.8  | 484.8  | 543.3  | 458.9  | 289.9  | 163.3  |
| 97.5°  | 552.1  | 476.4  | 552.1  | 627.7  | 646.7  | 702.2  | 776.1  | 813.0  | 672.2  | 390.6  | 179.3  |
| 100°   | 795.4  | 705.3  | 795.4  | 885.6  | 908.1  | 904.1  | 898.7  | 896.0  | 739.7  | 427.2  | 192.9  |
| 102.5° | 1034.9 | 957.6  | 1034.9 | 1112.0 | 1131.4 | 1060.7 | 966.5  | 919.4  | 760.9  | 444.0  | 206.3  |
| 105°   | 1340.0 | 1298.5 | 1340.0 | 1381.6 | 1391.9 | 1233.5 | 1022.4 | 916.8  | 763.4  | 456.4  | 226.3  |
| 107.5° | 1540.0 | 1550.0 | 1540.0 | 1530.0 | 1527.5 | 1306.6 | 1012.0 | 864.7  | 729.4  | 458.8  | 255.8  |
| 110°   | 1616.2 | 1659.4 | 1616.2 | 1573.0 | 1562.2 | 1315.3 | 985.9  | 821.3  | 699.3  | 455.2  | 272.3  |

TEST NUMBER: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°  | 135°  | 140°  | 150°  | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|--------|
| 112.5° | 1623.0 | 1689.4 | 1623.0 | 1556.6 | 1540.0 | 1287.2 | 950.3 | 781.8 | 672.9 | 455.4 | 292.2  |
| 115°   | 1580.0 | 1672.0 | 1580.0 | 1487.9 | 1464.9 | 1221.4 | 896.7 | 734.4 | 642.8 | 459.6 | 322.2  |
| 117.5° | 1488.7 | 1590.8 | 1488.7 | 1386.6 | 1361.1 | 1141.3 | 848.4 | 701.8 | 623.9 | 468.2 | 351.4  |
| 120°   | 1415.2 | 1514.4 | 1415.2 | 1316.0 | 1291.2 | 1090.4 | 822.7 | 688.8 | 617.6 | 475.1 | 368.3  |
| 122.5° | 1343.6 | 1441.4 | 1343.6 | 1245.7 | 1221.2 | 1040.4 | 799.3 | 678.8 | 614.3 | 485.1 | 388.3  |
| 125°   | 1241.5 | 1331.6 | 1241.5 | 1151.2 | 1128.7 | 975.2  | 770.4 | 668.0 | 611.5 | 498.6 | 413.9  |
| 127.5° | 1149.6 | 1225.6 | 1149.6 | 1073.5 | 1054.5 | 922.6  | 746.7 | 658.8 | 609.9 | 512.0 | 438.6  |
| 130°   | 1095.4 | 1165.6 | 1095.4 | 1025.2 | 1007.6 | 890.2  | 733.7 | 655.4 | 610.9 | 521.9 | 455.1  |
| 132.5° | 1046.3 | 1109.2 | 1046.3 | 983.3  | 967.6  | 862.5  | 722.4 | 652.3 | 611.5 | 529.9 | 468.6  |
| 135°   | 978.9  | 1033.2 | 978.9  | 924.7  | 911.1  | 823.1  | 705.7 | 647.1 | 610.9 | 538.5 | 484.3  |
| 137.5° | 924.9  | 969.4  | 924.9  | 880.6  | 869.5  | 795.0  | 695.8 | 646.2 | 614.7 | 551.5 | 504.2  |
| 140°   | 888.0  | 929.4  | 888.0  | 846.4  | 836.0  | 771.8  | 686.0 | 643.2 | 615.3 | 559.6 | 517.7  |
| 142.5° | 857.2  | 892.9  | 857.2  | 821.5  | 812.6  | 756.1  | 680.8 | 643.2 | 617.5 | 566.2 | 527.7  |
| 145°   | 811.2  | 838.2  | 811.2  | 784.1  | 777.4  | 731.2  | 669.7 | 638.9 | 617.6 | 574.9 | 542.8  |
| 147.5° | 775.8  | 798.2  | 775.8  | 753.5  | 747.9  | 711.5  | 663.0 | 638.9 | 621.8 | 587.6 | 562.0  |
| 150°   | 753.6  | 771.8  | 753.6  | 735.5  | 730.9  | 700.2  | 659.3 | 638.9 | 624.0 | 594.3 | 572.0  |
| 152.5° | 734.6  | 748.3  | 734.6  | 721.0  | 717.5  | 691.3  | 656.3 | 638.9 | 625.4 | 598.6 | 578.5  |
| 155°   | 712.7  | 721.8  | 712.7  | 703.7  | 701.4  | 680.6  | 652.8 | 638.9 | 628.6 | 608.1 | 592.8  |
| 157.5° | 695.5  | 701.8  | 695.5  | 689.1  | 687.5  | 671.3  | 649.7 | 638.9 | 631.9 | 617.7 | 607.2  |
| 160°   | 685.1  | 688.8  | 685.1  | 681.4  | 680.5  | 666.6  | 648.1 | 638.9 | 633.3 | 622.0 | 613.6  |
| 162.5° | 678.4  | 681.8  | 678.4  | 674.9  | 674.1  | 662.3  | 646.7 | 638.9 | 634.8 | 626.7 | 620.6  |
| 165°   | 668.7  | 672.3  | 668.7  | 665.0  | 664.1  | 655.7  | 644.5 | 638.9 | 637.0 | 633.3 | 630.6  |
| 167.5° | 661.6  | 663.1  | 661.6  | 660.1  | 659.7  | 654.2  | 646.8 | 643.2 | 641.7 | 638.6 | 636.2  |
| 170°   | 659.7  | 659.7  | 659.7  | 659.7  | 659.7  | 654.2  | 646.8 | 643.2 | 643.1 | 642.9 | 642.8  |
| 172.5° | 654.5  | 653.1  | 654.5  | 655.9  | 656.2  | 651.8  | 646.0 | 643.2 | 643.2 | 643.2 | 643.2  |
| 175°   | 651.5  | 651.5  | 651.5  | 651.5  | 651.5  | 648.7  | 645.0 | 643.2 | 644.0 | 645.8 | 647.1  |
| 177.5° | 648.7  | 647.1  | 648.7  | 650.3  | 650.6  | 648.5  | 645.6 | 644.1 | 644.7 | 646.0 | 647.1  |
| 180°   | 647.1  | 647.1  | 647.1  | 647.1  | 647.1  | 647.1  | 647.1 | 647.1 | 647.1 | 647.1 | 647.1  |

TEST NUMBER: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 |
| 2.5°   | 1501.9 | 1493.5 | 1493.5 | 1479.5 | 1473.9 | 1469.6 | 1462.6 | 1441.6 | 1436.0 | 1430.4 | 1438.8 |
| 5°     | 1514.5 | 1499.1 | 1487.9 | 1462.6 | 1441.6 | 1433.2 | 1406.6 | 1356.2 | 1322.5 | 1297.3 | 1283.3 |
| 7.5°   | 1517.3 | 1497.7 | 1476.7 | 1437.4 | 1387.0 | 1364.6 | 1283.3 | 1190.9 | 1165.6 | 1143.2 | 1129.2 |
| 10°    | 1514.5 | 1492.1 | 1462.6 | 1403.8 | 1284.7 | 1245.5 | 1164.2 | 1104.0 | 1088.6 | 1084.4 | 1088.6 |
| 12.5°  | 1504.7 | 1483.7 | 1443.0 | 1345.0 | 1178.2 | 1151.6 | 1104.0 | 1069.0 | 1066.2 | 1073.2 | 1111.0 |
| 15°    | 1487.9 | 1468.2 | 1420.6 | 1266.5 | 1119.4 | 1099.8 | 1066.2 | 1053.6 | 1069.0 | 1118.0 | 1231.5 |
| 17.5°  | 1471.1 | 1448.6 | 1389.8 | 1189.4 | 1074.6 | 1060.6 | 1036.7 | 1062.0 | 1148.8 | 1214.7 | 1252.5 |
| 20°    | 1448.6 | 1422.0 | 1354.8 | 1133.4 | 1042.3 | 1029.7 | 1018.5 | 1132.0 | 1197.9 | 1221.7 | 1242.7 |
| 22.5°  | 1422.0 | 1394.0 | 1307.1 | 1094.2 | 1008.7 | 998.9  | 1005.9 | 1171.2 | 1197.9 | 1214.7 | 1232.9 |
| 25°    | 1387.0 | 1363.2 | 1251.1 | 1063.4 | 982.1  | 970.9  | 997.5  | 1167.0 | 1182.4 | 1186.6 | 1223.1 |
| 27.5°  | 1354.8 | 1323.9 | 1192.3 | 1035.3 | 949.9  | 945.7  | 1004.5 | 1148.8 | 1160.0 | 1164.2 | 1203.5 |
| 30°    | 1315.5 | 1269.3 | 1126.4 | 1005.9 | 916.3  | 914.9  | 1005.9 | 1126.4 | 1123.6 | 1134.8 | 1174.0 |
| 32.5°  | 1274.9 | 1188.0 | 1052.2 | 969.5  | 884.0  | 882.6  | 996.1  | 1092.8 | 1090.0 | 1105.4 | 1134.8 |
| 35°    | 1237.1 | 1125.0 | 951.3  | 927.5  | 843.4  | 844.8  | 972.3  | 1053.6 | 1055.0 | 1069.0 | 1087.2 |
| 37.5°  | 1197.9 | 1070.4 | 840.6  | 881.2  | 804.2  | 804.2  | 940.1  | 1017.1 | 1014.3 | 1018.5 | 1043.7 |
| 40°    | 1151.6 | 984.9  | 742.5  | 821.0  | 767.7  | 763.5  | 900.8  | 977.9  | 968.1  | 966.7  | 1001.7 |
| 42.5°  | 1102.6 | 891.0  | 669.7  | 741.1  | 725.7  | 720.1  | 853.2  | 930.3  | 912.1  | 916.3  | 961.1  |
| 45°    | 1049.3 | 865.8  | 613.6  | 626.2  | 682.3  | 678.1  | 801.4  | 875.6  | 863.0  | 874.2  | 920.5  |
| 47.5°  | 996.1  | 815.4  | 595.4  | 519.8  | 636.1  | 634.7  | 743.9  | 822.4  | 815.4  | 826.6  | 875.6  |
| 50°    | 923.3  | 759.3  | 594.0  | 445.5  | 584.2  | 589.8  | 675.3  | 770.6  | 770.6  | 780.4  | 832.2  |
| 52.5°  | 829.4  | 690.7  | 539.4  | 403.5  | 524.0  | 540.8  | 615.0  | 725.7  | 728.5  | 738.3  | 784.6  |
| 55°    | 743.9  | 619.2  | 500.2  | 371.3  | 452.5  | 488.9  | 556.2  | 679.5  | 685.1  | 694.9  | 736.9  |
| 57.5°  | 665.5  | 515.6  | 491.8  | 333.4  | 386.7  | 421.7  | 504.4  | 634.7  | 637.5  | 645.9  | 686.5  |
| 60°    | 581.4  | 372.7  | 451.1  | 292.8  | 329.2  | 355.9  | 456.7  | 581.4  | 591.2  | 596.8  | 631.9  |
| 62.5°  | 486.1  | 270.4  | 409.1  | 264.8  | 301.2  | 306.8  | 417.5  | 531.0  | 543.6  | 547.8  | 568.8  |
| 65°    | 346.0  | 227.0  | 347.4  | 241.0  | 271.8  | 273.2  | 375.5  | 479.1  | 490.4  | 497.4  | 512.8  |
| 67.5°  | 234.0  | 184.9  | 264.8  | 218.6  | 249.4  | 250.8  | 334.8  | 418.9  | 434.3  | 439.9  | 449.7  |
| 70°    | 162.5  | 123.3  | 196.1  | 194.7  | 224.2  | 227.0  | 291.4  | 364.3  | 378.3  | 382.5  | 388.1  |
| 72.5°  | 119.1  | 99.5   | 162.5  | 175.1  | 197.5  | 200.3  | 246.6  | 302.6  | 316.6  | 320.8  | 323.6  |
| 75°    | 91.1   | 105.1  | 131.7  | 152.7  | 168.1  | 169.5  | 201.7  | 246.6  | 256.4  | 259.2  | 260.6  |
| 77.5°  | 72.9   | 98.1   | 96.7   | 123.3  | 137.3  | 134.5  | 158.3  | 190.5  | 198.9  | 198.9  | 198.9  |
| 80°    | 54.6   | 77.1   | 72.9   | 88.3   | 100.9  | 98.1   | 113.5  | 135.9  | 138.7  | 141.5  | 140.1  |
| 82.5°  | 40.6   | 49.0   | 49.0   | 56.0   | 67.2   | 64.4   | 75.7   | 88.3   | 88.3   | 88.3   | 91.1   |
| 85°    | 25.2   | 28.0   | 22.4   | 29.4   | 37.8   | 36.4   | 42.0   | 47.6   | 49.0   | 49.0   | 46.2   |
| 87.5°  | 15.4   | 12.6   | 7.0    | 11.2   | 16.8   | 16.8   | 19.6   | 21.0   | 19.6   | 19.6   | 19.6   |
| 90°    | 11.3   | 7.8    | 4.3    | 7.8    | 11.3   | 12.1   | 19.1   | 28.3   | 33.0   | 29.3   | 22.0   |
| 92.5°  | 76.4   | 46.9   | 17.4   | 46.9   | 76.4   | 83.8   | 117.8  | 163.2  | 185.9  | 162.9  | 116.9  |
| 95°    | 149.7  | 95.7   | 41.7   | 95.7   | 149.7  | 163.3  | 289.9  | 458.9  | 543.3  | 484.8  | 367.8  |
| 97.5°  | 167.4  | 119.7  | 72.1   | 119.7  | 167.4  | 179.3  | 390.6  | 672.2  | 813.0  | 776.1  | 702.2  |
| 100°   | 182.0  | 138.8  | 95.5   | 138.8  | 182.0  | 192.9  | 427.2  | 739.7  | 896.0  | 898.7  | 904.1  |
| 102.5° | 196.2  | 155.9  | 115.5  | 155.9  | 196.2  | 206.3  | 444.0  | 760.9  | 919.4  | 966.5  | 1060.7 |
| 105°   | 217.8  | 183.6  | 149.4  | 183.6  | 217.8  | 226.3  | 456.4  | 763.4  | 916.8  | 1022.4 | 1233.5 |
| 107.5° | 247.9  | 216.0  | 184.2  | 216.0  | 247.9  | 255.8  | 458.8  | 729.4  | 864.7  | 1012.0 | 1306.6 |
| 110°   | 265.1  | 236.4  | 207.6  | 236.4  | 265.1  | 272.3  | 455.2  | 699.3  | 821.3  | 985.9  | 1315.3 |

TEST NUMBER: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 160°  | 170°  | 180°  | 190°  | 200°  | 202.5° | 210°  | 220°  | 225°  | 230°  | 240°   |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| 112.5° | 285.4 | 258.0 | 230.6 | 258.0 | 285.4 | 292.2  | 455.4 | 672.9 | 781.8 | 950.3 | 1287.2 |
| 115°   | 315.9 | 290.7 | 265.3 | 290.7 | 315.9 | 322.2  | 459.6 | 642.8 | 734.4 | 896.7 | 1221.4 |
| 117.5° | 345.6 | 322.6 | 299.6 | 322.6 | 345.6 | 351.4  | 468.2 | 623.9 | 701.8 | 848.4 | 1141.3 |
| 120°   | 362.9 | 341.3 | 319.6 | 341.3 | 362.9 | 368.3  | 475.1 | 617.6 | 688.8 | 822.7 | 1090.4 |
| 122.5° | 382.8 | 361.0 | 339.2 | 361.0 | 382.8 | 388.3  | 485.1 | 614.3 | 678.8 | 799.3 | 1040.4 |
| 125°   | 408.9 | 389.0 | 369.1 | 389.0 | 408.9 | 413.9  | 498.6 | 611.5 | 668.0 | 770.4 | 975.2  |
| 127.5° | 433.6 | 413.6 | 393.5 | 413.6 | 433.6 | 438.6  | 512.0 | 609.9 | 658.8 | 746.7 | 922.6  |
| 130°   | 449.7 | 428.1 | 406.5 | 428.1 | 449.7 | 455.1  | 521.9 | 610.9 | 655.4 | 733.7 | 890.2  |
| 132.5° | 463.2 | 441.6 | 419.9 | 441.6 | 463.2 | 468.6  | 529.9 | 611.5 | 652.3 | 722.4 | 862.5  |
| 135°   | 479.3 | 459.6 | 439.9 | 459.6 | 479.3 | 484.3  | 538.5 | 610.9 | 647.1 | 705.7 | 823.1  |
| 137.5° | 499.3 | 479.8 | 460.4 | 479.8 | 499.3 | 504.2  | 551.5 | 614.7 | 646.2 | 695.8 | 795.0  |
| 140°   | 513.2 | 495.2 | 477.3 | 495.2 | 513.2 | 517.7  | 559.6 | 615.3 | 643.2 | 686.0 | 771.8  |
| 142.5° | 523.6 | 507.0 | 490.4 | 507.0 | 523.6 | 527.7  | 566.2 | 617.5 | 643.2 | 680.8 | 756.1  |
| 145°   | 539.2 | 524.8 | 510.3 | 524.8 | 539.2 | 542.8  | 574.9 | 617.6 | 638.9 | 669.7 | 731.2  |
| 147.5° | 558.4 | 544.3 | 530.2 | 544.3 | 558.4 | 562.0  | 587.6 | 621.8 | 638.9 | 663.0 | 711.5  |
| 150°   | 568.8 | 556.0 | 543.3 | 556.0 | 568.8 | 572.0  | 594.3 | 624.0 | 638.9 | 659.3 | 700.2  |
| 152.5° | 576.1 | 566.5 | 556.8 | 566.5 | 576.1 | 578.5  | 598.6 | 625.4 | 638.9 | 656.3 | 691.3  |
| 155°   | 591.0 | 583.8 | 576.7 | 583.8 | 591.0 | 592.8  | 608.1 | 628.6 | 638.9 | 652.8 | 680.6  |
| 157.5° | 605.4 | 598.5 | 591.5 | 598.5 | 605.4 | 607.2  | 617.7 | 631.9 | 638.9 | 649.7 | 671.3  |
| 160°   | 612.3 | 606.9 | 601.5 | 606.9 | 612.3 | 613.6  | 622.0 | 633.3 | 638.9 | 648.1 | 666.6  |
| 162.5° | 619.6 | 615.6 | 611.5 | 615.6 | 619.6 | 620.6  | 626.7 | 634.8 | 638.9 | 646.7 | 662.3  |
| 165°   | 629.7 | 626.1 | 622.3 | 626.1 | 629.7 | 630.6  | 633.3 | 637.0 | 638.9 | 644.5 | 655.7  |
| 167.5° | 635.8 | 634.1 | 632.3 | 634.1 | 635.8 | 636.2  | 638.6 | 641.7 | 643.2 | 646.8 | 654.2  |
| 170°   | 642.3 | 640.6 | 638.9 | 640.6 | 642.3 | 642.8  | 642.9 | 643.1 | 643.2 | 646.8 | 654.2  |
| 172.5° | 643.1 | 642.7 | 642.3 | 642.7 | 643.1 | 643.2  | 643.2 | 643.2 | 643.2 | 646.0 | 651.8  |
| 175°   | 647.1 | 647.1 | 647.1 | 647.1 | 647.1 | 647.1  | 645.8 | 644.0 | 643.2 | 645.0 | 648.7  |
| 177.5° | 647.1 | 647.1 | 647.1 | 647.1 | 647.1 | 647.1  | 646.0 | 644.7 | 644.1 | 645.6 | 648.5  |
| 180°   | 647.1 | 647.1 | 647.1 | 647.1 | 647.1 | 647.1  | 647.1 | 647.1 | 647.1 | 647.1 | 647.1  |

TEST NUMBER: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 |
| 2.5°   | 1429.0 | 1424.8 | 1430.4 | 1415.0 | 1430.4 | 1424.8 | 1429.0 | 1438.8 | 1430.4 | 1436.0 | 1441.6 |
| 5°     | 1253.9 | 1246.9 | 1224.5 | 1206.3 | 1224.5 | 1246.9 | 1253.9 | 1283.3 | 1297.3 | 1322.5 | 1356.2 |
| 7.5°   | 1120.8 | 1115.2 | 1109.6 | 1098.4 | 1109.6 | 1115.2 | 1120.8 | 1129.2 | 1143.2 | 1165.6 | 1190.9 |
| 10°    | 1091.4 | 1092.8 | 1101.2 | 1099.8 | 1101.2 | 1092.8 | 1091.4 | 1088.6 | 1084.4 | 1088.6 | 1104.0 |
| 12.5°  | 1167.0 | 1179.6 | 1225.9 | 1223.1 | 1225.9 | 1179.6 | 1167.0 | 1111.0 | 1073.2 | 1066.2 | 1069.0 |
| 15°    | 1253.9 | 1258.1 | 1267.9 | 1269.3 | 1267.9 | 1258.1 | 1253.9 | 1231.5 | 1118.0 | 1069.0 | 1053.6 |
| 17.5°  | 1262.3 | 1263.7 | 1270.7 | 1270.7 | 1270.7 | 1263.7 | 1262.3 | 1252.5 | 1214.7 | 1148.8 | 1062.0 |
| 20°    | 1255.3 | 1258.1 | 1272.1 | 1274.9 | 1272.1 | 1258.1 | 1255.3 | 1242.7 | 1221.7 | 1197.9 | 1132.0 |
| 22.5°  | 1252.5 | 1258.1 | 1269.3 | 1267.9 | 1269.3 | 1258.1 | 1252.5 | 1232.9 | 1214.7 | 1197.9 | 1171.2 |
| 25°    | 1238.5 | 1238.5 | 1239.9 | 1241.3 | 1239.9 | 1238.5 | 1238.5 | 1223.1 | 1186.6 | 1182.4 | 1167.0 |
| 27.5°  | 1209.1 | 1211.9 | 1220.3 | 1218.9 | 1220.3 | 1211.9 | 1209.1 | 1203.5 | 1164.2 | 1160.0 | 1148.8 |
| 30°    | 1182.4 | 1179.6 | 1172.6 | 1167.0 | 1172.6 | 1179.6 | 1182.4 | 1174.0 | 1134.8 | 1123.6 | 1126.4 |
| 32.5°  | 1137.6 | 1130.6 | 1123.6 | 1119.4 | 1123.6 | 1130.6 | 1137.6 | 1134.8 | 1105.4 | 1090.0 | 1092.8 |
| 35°    | 1084.4 | 1085.8 | 1084.4 | 1080.2 | 1084.4 | 1085.8 | 1084.4 | 1087.2 | 1069.0 | 1055.0 | 1053.6 |
| 37.5°  | 1046.5 | 1049.3 | 1047.9 | 1042.3 | 1047.9 | 1049.3 | 1046.5 | 1043.7 | 1018.5 | 1014.3 | 1017.1 |
| 40°    | 1007.3 | 1008.7 | 1007.3 | 1003.1 | 1007.3 | 1008.7 | 1007.3 | 1001.7 | 966.7  | 968.1  | 977.9  |
| 42.5°  | 969.5  | 968.1  | 963.9  | 961.1  | 963.9  | 968.1  | 969.5  | 961.1  | 916.3  | 912.1  | 930.3  |
| 45°    | 926.1  | 927.5  | 919.1  | 914.9  | 919.1  | 927.5  | 926.1  | 920.5  | 874.2  | 863.0  | 875.6  |
| 47.5°  | 882.6  | 882.6  | 875.6  | 871.4  | 875.6  | 882.6  | 882.6  | 875.6  | 826.6  | 815.4  | 822.4  |
| 50°    | 836.4  | 835.0  | 825.2  | 823.8  | 825.2  | 835.0  | 836.4  | 832.2  | 780.4  | 770.6  | 770.6  |
| 52.5°  | 783.2  | 783.2  | 784.6  | 787.4  | 784.6  | 783.2  | 783.2  | 784.6  | 738.3  | 728.5  | 725.7  |
| 55°    | 736.9  | 738.3  | 748.1  | 750.9  | 748.1  | 738.3  | 736.9  | 736.9  | 694.9  | 685.1  | 679.5  |
| 57.5°  | 689.3  | 689.3  | 696.3  | 696.3  | 696.3  | 689.3  | 689.3  | 686.5  | 645.9  | 637.5  | 634.7  |
| 60°    | 634.7  | 637.5  | 643.1  | 641.7  | 643.1  | 637.5  | 634.7  | 631.9  | 596.8  | 591.2  | 581.4  |
| 62.5°  | 577.2  | 580.0  | 581.4  | 578.6  | 581.4  | 580.0  | 577.2  | 568.8  | 547.8  | 543.6  | 531.0  |
| 65°    | 517.0  | 519.8  | 521.2  | 518.4  | 521.2  | 519.8  | 517.0  | 512.8  | 497.4  | 490.4  | 479.1  |
| 67.5°  | 455.3  | 453.9  | 452.5  | 458.1  | 452.5  | 453.9  | 455.3  | 449.7  | 439.9  | 434.3  | 418.9  |
| 70°    | 392.3  | 392.3  | 390.9  | 393.7  | 390.9  | 392.3  | 392.3  | 388.1  | 382.5  | 378.3  | 364.3  |
| 72.5°  | 325.0  | 323.6  | 329.2  | 325.0  | 329.2  | 323.6  | 325.0  | 323.6  | 320.8  | 316.6  | 302.6  |
| 75°    | 259.2  | 262.0  | 259.2  | 263.4  | 259.2  | 262.0  | 259.2  | 260.6  | 259.2  | 256.4  | 246.6  |
| 77.5°  | 197.5  | 200.3  | 197.5  | 197.5  | 197.5  | 200.3  | 197.5  | 198.9  | 198.9  | 198.9  | 190.5  |
| 80°    | 140.1  | 138.7  | 138.7  | 137.3  | 138.7  | 138.7  | 140.1  | 140.1  | 141.5  | 138.7  | 135.9  |
| 82.5°  | 89.7   | 88.3   | 88.3   | 91.1   | 88.3   | 88.3   | 89.7   | 91.1   | 88.3   | 88.3   | 88.3   |
| 85°    | 49.0   | 50.4   | 47.6   | 47.6   | 47.6   | 50.4   | 49.0   | 46.2   | 49.0   | 49.0   | 47.6   |
| 87.5°  | 18.2   | 16.8   | 16.8   | 16.8   | 16.8   | 16.8   | 18.2   | 19.6   | 19.6   | 19.6   | 21.0   |
| 90°    | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 22.0   | 29.3   | 33.0   | 28.3   |
| 92.5°  | 82.5   | 79.2   | 66.0   | 53.0   | 66.0   | 79.2   | 82.5   | 116.9  | 162.9  | 185.9  | 163.2  |
| 95°    | 280.1  | 270.2  | 230.4  | 190.6  | 230.4  | 270.2  | 280.1  | 367.8  | 484.8  | 543.3  | 458.9  |
| 97.5°  | 646.7  | 627.7  | 552.1  | 476.4  | 552.1  | 627.7  | 646.7  | 702.2  | 776.1  | 813.0  | 672.2  |
| 100°   | 908.1  | 885.6  | 795.4  | 705.3  | 795.4  | 885.6  | 908.1  | 904.1  | 898.7  | 896.0  | 739.7  |
| 102.5° | 1131.4 | 1112.0 | 1034.9 | 957.6  | 1034.9 | 1112.0 | 1131.4 | 1060.7 | 966.5  | 919.4  | 760.9  |
| 105°   | 1391.9 | 1381.6 | 1340.0 | 1298.5 | 1340.0 | 1381.6 | 1391.9 | 1233.5 | 1022.4 | 916.8  | 763.4  |
| 107.5° | 1527.5 | 1530.0 | 1540.0 | 1550.0 | 1540.0 | 1530.0 | 1527.5 | 1306.6 | 1012.0 | 864.7  | 729.4  |
| 110°   | 1562.2 | 1573.0 | 1616.2 | 1659.4 | 1616.2 | 1573.0 | 1562.2 | 1315.3 | 985.9  | 821.3  | 699.3  |

TEST NUMBER: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°  | 315°  | 320°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1540.0 | 1556.6 | 1623.0 | 1689.4 | 1623.0 | 1556.6 | 1540.0 | 1287.2 | 950.3 | 781.8 | 672.9 |
| 115°   | 1464.9 | 1487.9 | 1580.0 | 1672.0 | 1580.0 | 1487.9 | 1464.9 | 1221.4 | 896.7 | 734.4 | 642.8 |
| 117.5° | 1361.1 | 1386.6 | 1488.7 | 1590.8 | 1488.7 | 1386.6 | 1361.1 | 1141.3 | 848.4 | 701.8 | 623.9 |
| 120°   | 1291.2 | 1316.0 | 1415.2 | 1514.4 | 1415.2 | 1316.0 | 1291.2 | 1090.4 | 822.7 | 688.8 | 617.6 |
| 122.5° | 1221.2 | 1245.7 | 1343.6 | 1441.4 | 1343.6 | 1245.7 | 1221.2 | 1040.4 | 799.3 | 678.8 | 614.3 |
| 125°   | 1128.7 | 1151.2 | 1241.5 | 1331.6 | 1241.5 | 1151.2 | 1128.7 | 975.2  | 770.4 | 668.0 | 611.5 |
| 127.5° | 1054.5 | 1073.5 | 1149.6 | 1225.6 | 1149.6 | 1073.5 | 1054.5 | 922.6  | 746.7 | 658.8 | 609.9 |
| 130°   | 1007.6 | 1025.2 | 1095.4 | 1165.6 | 1095.4 | 1025.2 | 1007.6 | 890.2  | 733.7 | 655.4 | 610.9 |
| 132.5° | 967.6  | 983.3  | 1046.3 | 1109.2 | 1046.3 | 983.3  | 967.6  | 862.5  | 722.4 | 652.3 | 611.5 |
| 135°   | 911.1  | 924.7  | 978.9  | 1033.2 | 978.9  | 924.7  | 911.1  | 823.1  | 705.7 | 647.1 | 610.9 |
| 137.5° | 869.5  | 880.6  | 924.9  | 969.4  | 924.9  | 880.6  | 869.5  | 795.0  | 695.8 | 646.2 | 614.7 |
| 140°   | 836.0  | 846.4  | 888.0  | 929.4  | 888.0  | 846.4  | 836.0  | 771.8  | 686.0 | 643.2 | 615.3 |
| 142.5° | 812.6  | 821.5  | 857.2  | 892.9  | 857.2  | 821.5  | 812.6  | 756.1  | 680.8 | 643.2 | 617.5 |
| 145°   | 777.4  | 784.1  | 811.2  | 838.2  | 811.2  | 784.1  | 777.4  | 731.2  | 669.7 | 638.9 | 617.6 |
| 147.5° | 747.9  | 753.5  | 775.8  | 798.2  | 775.8  | 753.5  | 747.9  | 711.5  | 663.0 | 638.9 | 621.8 |
| 150°   | 730.9  | 735.5  | 753.6  | 771.8  | 753.6  | 735.5  | 730.9  | 700.2  | 659.3 | 638.9 | 624.0 |
| 152.5° | 717.5  | 721.0  | 734.6  | 748.3  | 734.6  | 721.0  | 717.5  | 691.3  | 656.3 | 638.9 | 625.4 |
| 155°   | 701.4  | 703.7  | 712.7  | 721.8  | 712.7  | 703.7  | 701.4  | 680.6  | 652.8 | 638.9 | 628.6 |
| 157.5° | 687.5  | 689.1  | 695.5  | 701.8  | 695.5  | 689.1  | 687.5  | 671.3  | 649.7 | 638.9 | 631.9 |
| 160°   | 680.5  | 681.4  | 685.1  | 688.8  | 685.1  | 681.4  | 680.5  | 666.6  | 648.1 | 638.9 | 633.3 |
| 162.5° | 674.1  | 674.9  | 678.4  | 681.8  | 678.4  | 674.9  | 674.1  | 662.3  | 646.7 | 638.9 | 634.8 |
| 165°   | 664.1  | 665.0  | 668.7  | 672.3  | 668.7  | 665.0  | 664.1  | 655.7  | 644.5 | 638.9 | 637.0 |
| 167.5° | 659.7  | 660.1  | 661.6  | 663.1  | 661.6  | 660.1  | 659.7  | 654.2  | 646.8 | 643.2 | 641.7 |
| 170°   | 659.7  | 659.7  | 659.7  | 659.7  | 659.7  | 659.7  | 659.7  | 654.2  | 646.8 | 643.2 | 643.1 |
| 172.5° | 656.2  | 655.9  | 654.5  | 653.1  | 654.5  | 655.9  | 656.2  | 651.8  | 646.0 | 643.2 | 643.2 |
| 175°   | 651.5  | 651.5  | 651.5  | 651.5  | 651.5  | 651.5  | 651.5  | 648.7  | 645.0 | 643.2 | 644.0 |
| 177.5° | 650.6  | 650.3  | 648.7  | 647.1  | 648.7  | 650.3  | 650.6  | 648.5  | 645.6 | 644.1 | 644.7 |
| 180°   | 647.1  | 647.1  | 647.1  | 647.1  | 647.1  | 647.1  | 647.1  | 647.1  | 647.1 | 647.1 | 647.1 |

TEST NUMBER: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1480.9 | 1480.9 | 1480.9 | 1480.9 | 1480.9 |
| 2.5°   | 1462.6 | 1469.6 | 1473.9 | 1479.5 | 1493.5 |
| 5°     | 1406.6 | 1433.2 | 1441.6 | 1462.6 | 1487.9 |
| 7.5°   | 1283.3 | 1364.6 | 1387.0 | 1437.4 | 1476.7 |
| 10°    | 1164.2 | 1245.5 | 1284.7 | 1403.8 | 1462.6 |
| 12.5°  | 1104.0 | 1151.6 | 1178.2 | 1345.0 | 1443.0 |
| 15°    | 1066.2 | 1099.8 | 1119.4 | 1266.5 | 1420.6 |
| 17.5°  | 1036.7 | 1060.6 | 1074.6 | 1189.4 | 1389.8 |
| 20°    | 1018.5 | 1029.7 | 1042.3 | 1133.4 | 1354.8 |
| 22.5°  | 1005.9 | 998.9  | 1008.7 | 1094.2 | 1307.1 |
| 25°    | 997.5  | 970.9  | 982.1  | 1063.4 | 1251.1 |
| 27.5°  | 1004.5 | 945.7  | 949.9  | 1035.3 | 1192.3 |
| 30°    | 1005.9 | 914.9  | 916.3  | 1005.9 | 1126.4 |
| 32.5°  | 996.1  | 882.6  | 884.0  | 969.5  | 1052.2 |
| 35°    | 972.3  | 844.8  | 843.4  | 927.5  | 951.3  |
| 37.5°  | 940.1  | 804.2  | 804.2  | 881.2  | 840.6  |
| 40°    | 900.8  | 763.5  | 767.7  | 821.0  | 742.5  |
| 42.5°  | 853.2  | 720.1  | 725.7  | 741.1  | 669.7  |
| 45°    | 801.4  | 678.1  | 682.3  | 626.2  | 613.6  |
| 47.5°  | 743.9  | 634.7  | 636.1  | 519.8  | 595.4  |
| 50°    | 675.3  | 589.8  | 584.2  | 445.5  | 594.0  |
| 52.5°  | 615.0  | 540.8  | 524.0  | 403.5  | 539.4  |
| 55°    | 556.2  | 488.9  | 452.5  | 371.3  | 500.2  |
| 57.5°  | 504.4  | 421.7  | 386.7  | 333.4  | 491.8  |
| 60°    | 456.7  | 355.9  | 329.2  | 292.8  | 451.1  |
| 62.5°  | 417.5  | 306.8  | 301.2  | 264.8  | 409.1  |
| 65°    | 375.5  | 273.2  | 271.8  | 241.0  | 347.4  |
| 67.5°  | 334.8  | 250.8  | 249.4  | 218.6  | 264.8  |
| 70°    | 291.4  | 227.0  | 224.2  | 194.7  | 196.1  |
| 72.5°  | 246.6  | 200.3  | 197.5  | 175.1  | 162.5  |
| 75°    | 201.7  | 169.5  | 168.1  | 152.7  | 131.7  |
| 77.5°  | 158.3  | 134.5  | 137.3  | 123.3  | 96.7   |
| 80°    | 113.5  | 98.1   | 100.9  | 88.3   | 72.9   |
| 82.5°  | 75.7   | 64.4   | 67.2   | 56.0   | 49.0   |
| 85°    | 42.0   | 36.4   | 37.8   | 29.4   | 22.4   |
| 87.5°  | 19.6   | 16.8   | 16.8   | 11.2   | 7.0    |
| 90°    | 19.1   | 12.1   | 11.3   | 7.8    | 4.3    |
| 92.5°  | 117.8  | 83.8   | 76.4   | 46.9   | 17.4   |
| 95°    | 289.9  | 163.3  | 149.7  | 95.7   | 41.7   |
| 97.5°  | 390.6  | 179.3  | 167.4  | 119.7  | 72.1   |
| 100°   | 427.2  | 192.9  | 182.0  | 138.8  | 95.5   |
| 102.5° | 444.0  | 206.3  | 196.2  | 155.9  | 115.5  |
| 105°   | 456.4  | 226.3  | 217.8  | 183.6  | 149.4  |
| 107.5° | 458.8  | 255.8  | 247.9  | 216.0  | 184.2  |
| 110°   | 455.2  | 272.3  | 265.1  | 236.4  | 207.6  |

TEST NUMBER: P934807

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 455.4 | 292.2  | 285.4 | 258.0 | 230.6 |
| 115°   | 459.6 | 322.2  | 315.9 | 290.7 | 265.3 |
| 117.5° | 468.2 | 351.4  | 345.6 | 322.6 | 299.6 |
| 120°   | 475.1 | 368.3  | 362.9 | 341.3 | 319.6 |
| 122.5° | 485.1 | 388.3  | 382.8 | 361.0 | 339.2 |
| 125°   | 498.6 | 413.9  | 408.9 | 389.0 | 369.1 |
| 127.5° | 512.0 | 438.6  | 433.6 | 413.6 | 393.5 |
| 130°   | 521.9 | 455.1  | 449.7 | 428.1 | 406.5 |
| 132.5° | 529.9 | 468.6  | 463.2 | 441.6 | 419.9 |
| 135°   | 538.5 | 484.3  | 479.3 | 459.6 | 439.9 |
| 137.5° | 551.5 | 504.2  | 499.3 | 479.8 | 460.4 |
| 140°   | 559.6 | 517.7  | 513.2 | 495.2 | 477.3 |
| 142.5° | 566.2 | 527.7  | 523.6 | 507.0 | 490.4 |
| 145°   | 574.9 | 542.8  | 539.2 | 524.8 | 510.3 |
| 147.5° | 587.6 | 562.0  | 558.4 | 544.3 | 530.2 |
| 150°   | 594.3 | 572.0  | 568.8 | 556.0 | 543.3 |
| 152.5° | 598.6 | 578.5  | 576.1 | 566.5 | 556.8 |
| 155°   | 608.1 | 592.8  | 591.0 | 583.8 | 576.7 |
| 157.5° | 617.7 | 607.2  | 605.4 | 598.5 | 591.5 |
| 160°   | 622.0 | 613.6  | 612.3 | 606.9 | 601.5 |
| 162.5° | 626.7 | 620.6  | 619.6 | 615.6 | 611.5 |
| 165°   | 633.3 | 630.6  | 629.7 | 626.1 | 622.3 |
| 167.5° | 638.6 | 636.2  | 635.8 | 634.1 | 632.3 |
| 170°   | 642.9 | 642.8  | 642.3 | 640.6 | 638.9 |
| 172.5° | 643.2 | 643.2  | 643.1 | 642.7 | 642.3 |
| 175°   | 645.8 | 647.1  | 647.1 | 647.1 | 647.1 |
| 177.5° | 646.0 | 647.1  | 647.1 | 647.1 | 647.1 |
| 180°   | 647.1 | 647.1  | 647.1 | 647.1 | 647.1 |

(END OF REPORT)