

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P935172

Luminaire Tested: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935172
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

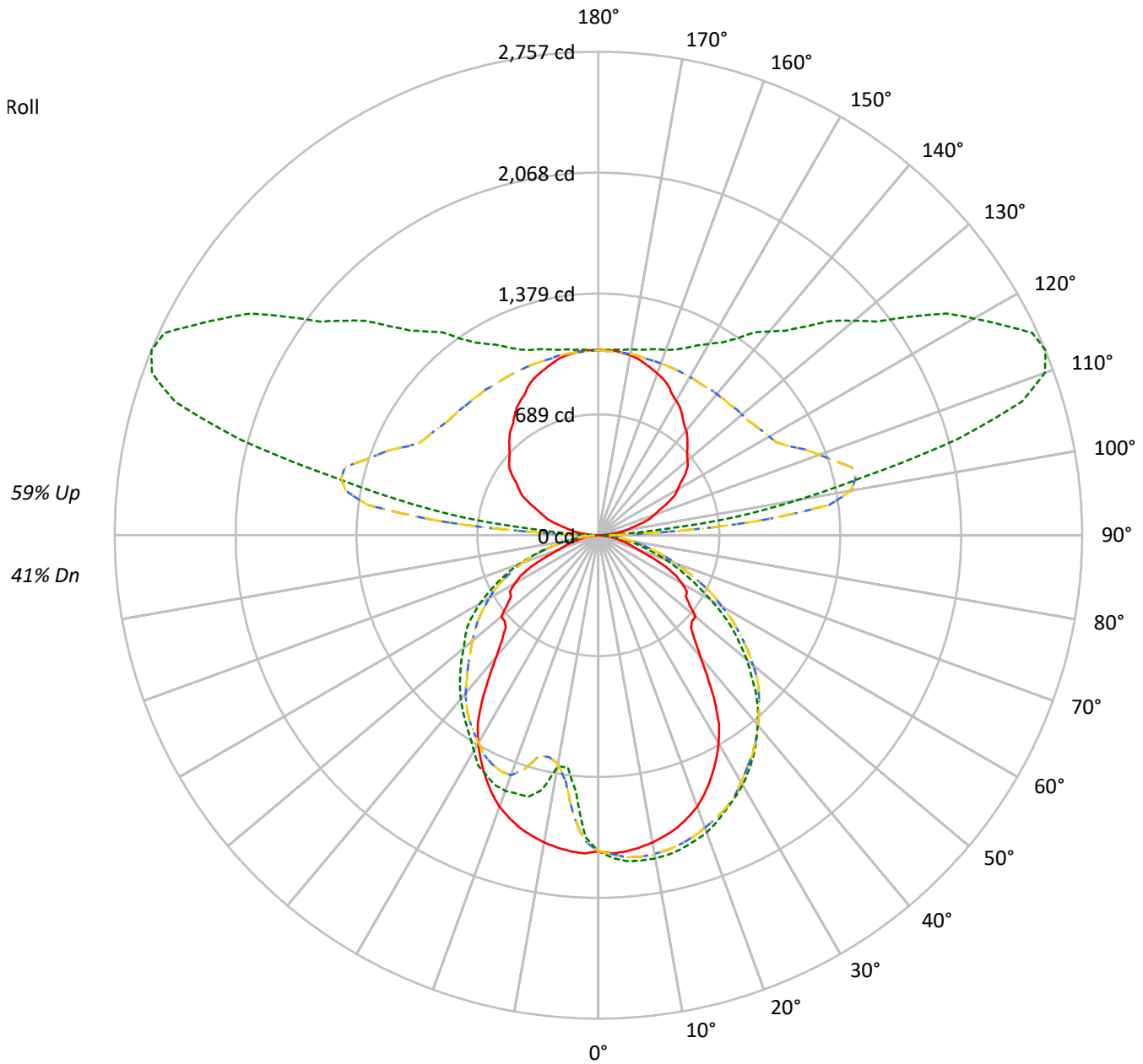
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11519.9 lumens
Efficiency: N/A
Efficacy: 117.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 98.4
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: P935172
CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

Luminous Intensity Polar Plot





TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 47 | 47 | 47 | 41 |
| 1 | 96 | 91 | 88 | 84 | 87 | 83 | 80 | 77 | 68 | 66 | 64 | 55 | 53 | 52 | 42 | 41 | 40 | 40 | 40 | 40 | 34 |
| 2 | 87 | 80 | 74 | 69 | 79 | 73 | 68 | 63 | 60 | 56 | 53 | 48 | 45 | 43 | 37 | 35 | 34 | 34 | 34 | 34 | 29 |
| 3 | 79 | 70 | 63 | 57 | 72 | 64 | 58 | 53 | 53 | 48 | 45 | 42 | 39 | 37 | 33 | 31 | 29 | 29 | 29 | 29 | 24 |
| 4 | 73 | 62 | 54 | 48 | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 38 | 34 | 31 | 29 | 27 | 25 | 25 | 25 | 25 | 21 |
| 5 | 67 | 55 | 47 | 41 | 60 | 51 | 44 | 38 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 24 | 22 | 22 | 22 | 22 | 18 |
| 6 | 61 | 49 | 41 | 36 | 56 | 45 | 38 | 33 | 38 | 32 | 28 | 31 | 27 | 24 | 24 | 21 | 19 | 19 | 19 | 19 | 16 |
| 7 | 57 | 45 | 37 | 31 | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | 17 | 17 | 17 | 14 |
| 8 | 52 | 40 | 33 | 27 | 48 | 37 | 30 | 26 | 31 | 26 | 22 | 25 | 21 | 18 | 20 | 17 | 15 | 15 | 15 | 15 | 13 |
| 9 | 49 | 37 | 29 | 24 | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 18 | 16 | 13 | 13 | 13 | 13 | 11 |
| 10 | 46 | 34 | 26 | 22 | 41 | 31 | 25 | 20 | 26 | 21 | 18 | 21 | 18 | 15 | 17 | 14 | 12 | 12 | 12 | 12 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 8356 | 8356 | 8356 | 8356 |
| 5° | 8419 | 8435 | 8419 | 6633 |
| 10° | 8362 | 8309 | 8362 | 5940 |
| 15° | 8271 | 8129 | 8271 | 6788 |
| 20° | 8098 | 7916 | 8098 | 6802 |
| 25° | 7744 | 7605 | 7744 | 6658 |
| 30° | 7286 | 7347 | 7286 | 6341 |
| 35° | 6496 | 7020 | 6496 | 5994 |
| 40° | 5413 | 6635 | 5413 | 5731 |
| 45° | 4837 | 6185 | 4837 | 5428 |
| 50° | 5138 | 5648 | 5138 | 5126 |
| 55° | 4834 | 5070 | 4834 | 4950 |
| 60° | 4984 | 4306 | 4984 | 4534 |
| 65° | 4518 | 3560 | 4518 | 3979 |
| 70° | 3129 | 2837 | 3129 | 3335 |
| 75° | 2744 | 2097 | 2744 | 2511 |
| 80° | 2211 | 1387 | 2211 | 1510 |
| 85° | 1272 | 735 | 1272 | 624 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7412 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 162.6 | 1.4 |
| 10°-20° | 461.6 | 4.0 |
| 20°-30° | 713.5 | 6.2 |
| 30°-40° | 851.8 | 7.4 |
| 40°-50° | 856.8 | 7.4 |
| 50°-60° | 745.6 | 6.5 |
| 60°-70° | 528.6 | 4.6 |
| 70°-80° | 279.7 | 2.4 |
| 80°-90° | 73.7 | 0.6 |
| 90°-100° | 514.8 | 4.5 |
| 100°-110° | 1353.4 | 11.7 |
| 110°-120° | 1403.3 | 12.2 |
| 120°-130° | 1125.6 | 9.8 |
| 130°-140° | 883.2 | 7.7 |
| 140°-150° | 677.9 | 5.9 |
| 150°-160° | 488.2 | 4.2 |
| 160°-170° | 298.7 | 2.6 |
| 170°-180° | 100.9 | 0.9 |
| 0°-30° | 1337.7 | 11.6 |
| 0°-40° | 2189.5 | 19.0 |
| 0°-60° | 3791.9 | 32.9 |
| 0°-90° | 4673.9 | 40.6 |
| 90°-120° | 3271.5 | 28.4 |
| 90°-150° | 5958.2 | 51.7 |
| 90°-180° | 6846.0 | 59.4 |
| 0°-180° | 11519.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1801 | 1801 | 1801 | 1801 | 1801 | |
| 5° | 1810 | 1866 | 1810 | 1467 | 1810 | 172 |
| 15° | 1728 | 1849 | 1728 | 1544 | 1728 | 486 |
| 25° | 1522 | 1724 | 1522 | 1510 | 1522 | 699 |
| 35° | 1157 | 1539 | 1157 | 1314 | 1157 | 716 |
| 45° | 746 | 1268 | 746 | 1113 | 746 | 598 |
| 55° | 608 | 936 | 608 | 913 | 608 | 559 |
| 65° | 423 | 564 | 423 | 630 | 423 | 404 |
| 75° | 160 | 268 | 160 | 320 | 160 | 168 |
| 85° | 27 | 68 | 27 | 58 | 27 | 37 |
| 90° | 7 | 27 | 7 | 27 | 7 | 7 |
| 95° | 68 | 311 | 68 | 311 | 68 | 76 |
| 105° | 244 | 2119 | 244 | 2119 | 244 | 258 |
| 115° | 433 | 2729 | 433 | 2729 | 433 | 428 |
| 125° | 602 | 2173 | 602 | 2173 | 602 | 535 |
| 135° | 718 | 1686 | 718 | 1686 | 718 | 555 |
| 145° | 833 | 1368 | 833 | 1368 | 833 | 522 |
| 155° | 941 | 1178 | 941 | 1178 | 941 | 432 |
| 165° | 1016 | 1097 | 1016 | 1097 | 1016 | 287 |
| 175° | 1056 | 1063 | 1056 | 1063 | 1056 | 100 |
| 180° | 1056 | 1056 | 1056 | 1056 | 1056 | |



TEST NUMBER: P935172
 CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 |
| 2.5° | 1816.4 | 1816.4 | 1826.6 | 1830.0 | 1830.0 | 1824.9 | 1819.8 | 1824.9 | 1840.2 | 1845.3 | 1843.6 |
| 5° | 1809.6 | 1823.2 | 1841.9 | 1845.3 | 1848.8 | 1847.1 | 1843.6 | 1847.1 | 1864.1 | 1867.5 | 1869.2 |
| 7.5° | 1795.9 | 1821.5 | 1845.3 | 1850.5 | 1855.6 | 1850.5 | 1848.8 | 1852.2 | 1869.2 | 1872.6 | 1872.6 |
| 10° | 1778.9 | 1814.7 | 1841.9 | 1845.3 | 1850.5 | 1845.3 | 1845.3 | 1852.2 | 1869.2 | 1872.6 | 1874.3 |
| 12.5° | 1755.0 | 1804.5 | 1830.0 | 1833.4 | 1840.2 | 1838.5 | 1836.8 | 1843.6 | 1860.7 | 1864.1 | 1864.1 |
| 15° | 1727.8 | 1785.7 | 1809.6 | 1813.0 | 1824.9 | 1821.5 | 1821.5 | 1828.3 | 1847.1 | 1852.2 | 1850.5 |
| 17.5° | 1690.3 | 1761.9 | 1789.1 | 1794.2 | 1802.7 | 1801.0 | 1802.7 | 1809.6 | 1826.6 | 1830.0 | 1831.7 |
| 20° | 1647.7 | 1729.5 | 1761.9 | 1767.0 | 1775.5 | 1775.5 | 1775.5 | 1784.0 | 1801.0 | 1807.9 | 1807.9 |
| 22.5° | 1589.7 | 1695.4 | 1729.5 | 1732.9 | 1743.1 | 1743.1 | 1746.5 | 1758.4 | 1773.8 | 1775.5 | 1775.5 |
| 25° | 1521.6 | 1657.9 | 1686.9 | 1697.1 | 1707.3 | 1712.4 | 1717.5 | 1724.4 | 1729.5 | 1727.8 | 1729.5 |
| 27.5° | 1450.0 | 1610.2 | 1647.7 | 1654.5 | 1668.1 | 1673.2 | 1680.1 | 1681.8 | 1683.5 | 1688.6 | 1685.2 |
| 30° | 1369.9 | 1543.7 | 1600.0 | 1606.8 | 1628.9 | 1632.3 | 1625.5 | 1628.9 | 1637.5 | 1640.9 | 1644.3 |
| 32.5° | 1279.6 | 1444.9 | 1550.6 | 1565.9 | 1586.3 | 1576.1 | 1574.4 | 1579.5 | 1593.2 | 1593.2 | 1596.6 |
| 35° | 1156.9 | 1368.2 | 1504.5 | 1518.2 | 1533.5 | 1521.6 | 1528.4 | 1530.1 | 1538.6 | 1543.7 | 1542.0 |
| 37.5° | 1022.3 | 1301.8 | 1456.8 | 1467.1 | 1479.0 | 1463.7 | 1473.9 | 1479.0 | 1485.8 | 1482.4 | 1482.4 |
| 40° | 903.1 | 1197.8 | 1400.6 | 1407.4 | 1417.6 | 1405.7 | 1415.9 | 1419.3 | 1422.8 | 1419.3 | 1417.6 |
| 42.5° | 814.5 | 1083.7 | 1341.0 | 1349.5 | 1342.7 | 1351.2 | 1354.6 | 1361.4 | 1356.3 | 1349.5 | 1349.5 |
| 45° | 746.4 | 1053.0 | 1276.2 | 1286.4 | 1276.2 | 1289.8 | 1295.0 | 1295.0 | 1279.6 | 1276.2 | 1274.5 |
| 47.5° | 724.2 | 991.7 | 1211.5 | 1211.5 | 1206.3 | 1223.4 | 1231.9 | 1220.0 | 1204.6 | 1199.5 | 1199.5 |
| 50° | 722.5 | 923.6 | 1122.9 | 1116.0 | 1139.9 | 1160.3 | 1151.8 | 1139.9 | 1128.0 | 1109.2 | 1109.2 |
| 52.5° | 656.0 | 840.1 | 1008.8 | 1034.2 | 1071.7 | 1083.7 | 1070.0 | 1058.1 | 1037.7 | 1029.1 | 1022.3 |
| 55° | 608.3 | 753.2 | 904.8 | 955.9 | 995.1 | 1010.5 | 984.9 | 973.0 | 942.3 | 937.2 | 933.8 |
| 57.5° | 598.1 | 627.1 | 809.4 | 874.2 | 921.9 | 920.2 | 904.8 | 882.7 | 857.1 | 852.0 | 850.3 |
| 60° | 548.7 | 453.3 | 707.2 | 783.8 | 833.3 | 828.1 | 814.5 | 794.1 | 770.2 | 766.8 | 763.4 |
| 62.5° | 497.6 | 328.9 | 591.3 | 678.2 | 748.1 | 746.4 | 734.4 | 703.8 | 686.7 | 678.2 | 671.4 |
| 65° | 422.6 | 276.0 | 420.9 | 564.0 | 664.6 | 668.0 | 642.4 | 620.3 | 601.5 | 591.3 | 589.6 |
| 67.5° | 322.1 | 224.9 | 284.6 | 470.3 | 584.5 | 581.1 | 548.7 | 538.5 | 514.6 | 509.5 | 499.3 |
| 70° | 238.6 | 150.0 | 197.7 | 381.7 | 506.1 | 497.6 | 472.0 | 460.1 | 437.9 | 426.0 | 419.2 |
| 72.5° | 197.7 | 121.0 | 144.8 | 296.5 | 426.0 | 415.8 | 393.6 | 380.0 | 361.2 | 351.0 | 344.2 |
| 75° | 160.2 | 127.8 | 110.8 | 219.8 | 345.9 | 339.1 | 318.6 | 305.0 | 289.7 | 276.0 | 277.8 |
| 77.5° | 117.6 | 119.3 | 88.6 | 161.9 | 274.3 | 264.1 | 252.2 | 235.2 | 228.3 | 214.7 | 214.7 |
| 80° | 88.6 | 93.7 | 66.5 | 110.8 | 197.7 | 197.7 | 187.4 | 175.5 | 163.6 | 156.8 | 156.8 |
| 82.5° | 59.6 | 59.6 | 49.4 | 69.9 | 134.6 | 129.5 | 122.7 | 119.3 | 112.5 | 109.1 | 109.1 |
| 85° | 27.3 | 34.1 | 30.7 | 42.6 | 73.3 | 76.7 | 76.7 | 73.3 | 71.6 | 68.2 | 69.9 |
| 87.5° | 8.5 | 15.3 | 18.7 | 23.9 | 37.5 | 39.2 | 40.9 | 40.9 | 40.9 | 42.6 | 42.6 |
| 90° | 7.1 | 12.8 | 18.4 | 19.9 | 31.2 | 46.3 | 53.8 | 47.9 | 35.9 | 26.9 | 26.9 |
| 92.5° | 28.4 | 76.6 | 124.8 | 136.8 | 192.3 | 266.3 | 303.3 | 265.8 | 190.9 | 134.7 | 129.3 |
| 95° | 68.1 | 156.3 | 244.4 | 266.5 | 473.2 | 748.8 | 886.7 | 791.3 | 600.3 | 457.2 | 441.0 |
| 97.5° | 117.7 | 195.4 | 273.3 | 292.7 | 637.5 | 1097.0 | 1326.8 | 1266.5 | 1145.9 | 1055.4 | 1024.5 |
| 100° | 155.9 | 226.5 | 297.1 | 314.7 | 697.2 | 1207.2 | 1462.2 | 1466.6 | 1475.4 | 1482.1 | 1445.2 |
| 102.5° | 188.5 | 254.3 | 320.2 | 336.6 | 724.5 | 1241.8 | 1500.5 | 1577.3 | 1731.1 | 1846.4 | 1814.8 |
| 105° | 243.8 | 299.6 | 355.3 | 369.3 | 744.9 | 1245.8 | 1496.2 | 1668.5 | 2013.1 | 2271.6 | 2254.6 |
| 107.5° | 300.5 | 352.5 | 404.4 | 417.5 | 748.7 | 1190.3 | 1411.2 | 1651.5 | 2132.2 | 2492.7 | 2496.8 |
| 110° | 338.8 | 385.7 | 432.6 | 444.4 | 743.0 | 1141.2 | 1340.3 | 1609.0 | 2146.4 | 2549.4 | 2567.1 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.3 | 421.1 | 465.9 | 477.0 | 743.3 | 1098.3 | 1275.8 | 1550.8 | 2100.8 | 2513.3 | 2540.4 |
| 115° | 433.1 | 474.3 | 515.6 | 525.9 | 750.1 | 1049.1 | 1198.5 | 1463.5 | 1993.3 | 2390.7 | 2428.3 |
| 117.5° | 489.0 | 526.5 | 564.0 | 573.4 | 764.1 | 1018.2 | 1145.3 | 1384.4 | 1862.6 | 2221.2 | 2262.9 |
| 120° | 521.7 | 557.0 | 592.2 | 601.0 | 775.4 | 1007.9 | 1124.1 | 1342.6 | 1779.5 | 2107.2 | 2147.6 |
| 122.5° | 553.5 | 589.2 | 624.8 | 633.6 | 791.7 | 1002.4 | 1107.8 | 1304.5 | 1698.0 | 1993.1 | 2033.0 |
| 125° | 602.4 | 634.9 | 667.4 | 675.5 | 813.7 | 997.9 | 1090.0 | 1257.2 | 1591.5 | 1842.1 | 1878.9 |
| 127.5° | 642.2 | 674.9 | 707.7 | 715.9 | 835.6 | 995.4 | 1075.2 | 1218.7 | 1505.7 | 1720.9 | 1751.9 |
| 130° | 663.4 | 698.6 | 733.9 | 742.8 | 851.7 | 996.9 | 1069.5 | 1197.2 | 1452.7 | 1644.4 | 1673.0 |
| 132.5° | 685.3 | 720.6 | 755.9 | 764.8 | 864.7 | 997.9 | 1064.6 | 1178.9 | 1407.6 | 1579.1 | 1604.7 |
| 135° | 718.0 | 750.1 | 782.3 | 790.3 | 878.9 | 997.0 | 1056.1 | 1151.8 | 1343.3 | 1487.0 | 1509.1 |
| 137.5° | 751.3 | 783.1 | 814.9 | 822.9 | 900.1 | 1003.1 | 1054.6 | 1135.5 | 1297.5 | 1418.9 | 1437.1 |
| 140° | 778.9 | 808.2 | 837.5 | 844.8 | 913.1 | 1004.2 | 1049.7 | 1119.6 | 1259.5 | 1364.4 | 1381.3 |
| 142.5° | 800.2 | 827.3 | 854.4 | 861.1 | 924.0 | 1007.7 | 1049.7 | 1111.1 | 1234.0 | 1326.1 | 1340.7 |
| 145° | 832.8 | 856.4 | 880.1 | 886.0 | 938.2 | 1007.8 | 1042.6 | 1092.9 | 1193.3 | 1268.7 | 1279.7 |
| 147.5° | 865.4 | 888.4 | 911.4 | 917.2 | 959.0 | 1014.7 | 1042.6 | 1082.1 | 1161.2 | 1220.5 | 1229.6 |
| 150° | 886.7 | 907.5 | 928.3 | 933.5 | 969.8 | 1018.3 | 1042.6 | 1076.0 | 1142.8 | 1192.9 | 1200.3 |
| 152.5° | 908.7 | 924.4 | 940.2 | 944.1 | 976.9 | 1020.7 | 1042.6 | 1071.1 | 1128.1 | 1170.9 | 1176.5 |
| 155° | 941.2 | 952.9 | 964.5 | 967.4 | 992.5 | 1025.9 | 1042.6 | 1065.3 | 1110.7 | 1144.7 | 1148.3 |
| 157.5° | 965.3 | 976.6 | 988.1 | 990.9 | 1008.1 | 1031.1 | 1042.6 | 1060.2 | 1095.5 | 1122.0 | 1124.6 |
| 160° | 981.7 | 990.5 | 999.3 | 1001.5 | 1015.2 | 1033.5 | 1042.6 | 1057.8 | 1088.0 | 1110.7 | 1112.2 |
| 162.5° | 997.9 | 1004.6 | 1011.2 | 1012.9 | 1022.7 | 1035.9 | 1042.6 | 1055.4 | 1080.8 | 1100.0 | 1101.5 |
| 165° | 1015.7 | 1021.6 | 1027.6 | 1029.1 | 1033.6 | 1039.6 | 1042.6 | 1051.7 | 1070.0 | 1083.7 | 1085.3 |
| 167.5° | 1031.9 | 1034.8 | 1037.7 | 1038.3 | 1042.1 | 1047.1 | 1049.7 | 1055.6 | 1067.6 | 1076.6 | 1077.2 |
| 170° | 1042.6 | 1045.4 | 1048.3 | 1049.0 | 1049.2 | 1049.5 | 1049.7 | 1055.6 | 1067.6 | 1076.6 | 1076.6 |
| 172.5° | 1048.3 | 1048.9 | 1049.5 | 1049.7 | 1049.7 | 1049.7 | 1049.7 | 1054.4 | 1063.9 | 1071.0 | 1070.5 |
| 175° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1053.9 | 1051.1 | 1049.7 | 1052.6 | 1058.6 | 1063.1 | 1063.1 |
| 177.5° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1054.4 | 1052.2 | 1051.1 | 1053.5 | 1058.2 | 1061.8 | 1061.2 |
| 180° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |



TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 |
| 2.5° | 1847.1 | 1841.9 | 1847.1 | 1843.6 | 1845.3 | 1840.2 | 1824.9 | 1819.8 | 1824.9 | 1830.0 | 1830.0 |
| 5° | 1869.2 | 1865.8 | 1869.2 | 1869.2 | 1867.5 | 1864.1 | 1847.1 | 1843.6 | 1847.1 | 1848.8 | 1845.3 |
| 7.5° | 1876.0 | 1870.9 | 1876.0 | 1872.6 | 1872.6 | 1869.2 | 1852.2 | 1848.8 | 1850.5 | 1855.6 | 1850.5 |
| 10° | 1876.0 | 1870.9 | 1876.0 | 1874.3 | 1872.6 | 1869.2 | 1852.2 | 1845.3 | 1845.3 | 1850.5 | 1845.3 |
| 12.5° | 1867.5 | 1864.1 | 1867.5 | 1864.1 | 1864.1 | 1860.7 | 1843.6 | 1836.8 | 1838.5 | 1840.2 | 1833.4 |
| 15° | 1853.9 | 1848.8 | 1853.9 | 1850.5 | 1852.2 | 1847.1 | 1828.3 | 1821.5 | 1821.5 | 1824.9 | 1813.0 |
| 17.5° | 1833.4 | 1826.6 | 1833.4 | 1831.7 | 1830.0 | 1826.6 | 1809.6 | 1802.7 | 1801.0 | 1802.7 | 1794.2 |
| 20° | 1809.6 | 1804.5 | 1809.6 | 1807.9 | 1807.9 | 1801.0 | 1784.0 | 1775.5 | 1775.5 | 1775.5 | 1767.0 |
| 22.5° | 1772.1 | 1767.0 | 1772.1 | 1775.5 | 1775.5 | 1773.8 | 1758.4 | 1746.5 | 1743.1 | 1743.1 | 1732.9 |
| 25° | 1729.5 | 1724.4 | 1729.5 | 1729.5 | 1727.8 | 1729.5 | 1724.4 | 1717.5 | 1712.4 | 1707.3 | 1697.1 |
| 27.5° | 1688.6 | 1685.2 | 1688.6 | 1685.2 | 1688.6 | 1683.5 | 1681.8 | 1680.1 | 1673.2 | 1668.1 | 1654.5 |
| 30° | 1647.7 | 1644.3 | 1647.7 | 1644.3 | 1640.9 | 1637.5 | 1628.9 | 1625.5 | 1632.3 | 1628.9 | 1606.8 |
| 32.5° | 1596.6 | 1593.2 | 1596.6 | 1596.6 | 1593.2 | 1593.2 | 1579.5 | 1574.4 | 1576.1 | 1586.3 | 1565.9 |
| 35° | 1543.7 | 1538.6 | 1543.7 | 1542.0 | 1543.7 | 1538.6 | 1530.1 | 1528.4 | 1521.6 | 1533.5 | 1518.2 |
| 37.5° | 1482.4 | 1477.3 | 1482.4 | 1482.4 | 1482.4 | 1485.8 | 1479.0 | 1473.9 | 1463.7 | 1479.0 | 1467.1 |
| 40° | 1419.3 | 1412.5 | 1419.3 | 1417.6 | 1419.3 | 1422.8 | 1419.3 | 1415.9 | 1405.7 | 1417.6 | 1407.4 |
| 42.5° | 1347.8 | 1346.1 | 1347.8 | 1349.5 | 1349.5 | 1356.3 | 1361.4 | 1354.6 | 1351.2 | 1342.7 | 1349.5 |
| 45° | 1271.1 | 1267.7 | 1271.1 | 1274.5 | 1276.2 | 1279.6 | 1295.0 | 1295.0 | 1289.8 | 1276.2 | 1286.4 |
| 47.5° | 1189.3 | 1180.8 | 1189.3 | 1199.5 | 1199.5 | 1204.6 | 1220.0 | 1231.9 | 1223.4 | 1206.3 | 1211.5 |
| 50° | 1102.4 | 1104.1 | 1102.4 | 1109.2 | 1109.2 | 1128.0 | 1139.9 | 1151.8 | 1160.3 | 1139.9 | 1116.0 |
| 52.5° | 1017.2 | 1015.6 | 1017.2 | 1022.3 | 1029.1 | 1037.7 | 1058.1 | 1070.0 | 1083.7 | 1071.7 | 1034.2 |
| 55° | 932.1 | 935.5 | 932.1 | 933.8 | 937.2 | 942.3 | 973.0 | 984.9 | 1010.5 | 995.1 | 955.9 |
| 57.5° | 846.9 | 841.8 | 846.9 | 850.3 | 852.0 | 857.1 | 882.7 | 904.8 | 920.2 | 921.9 | 874.2 |
| 60° | 748.1 | 741.2 | 748.1 | 763.4 | 766.8 | 770.2 | 794.1 | 814.5 | 828.1 | 833.3 | 783.8 |
| 62.5° | 661.2 | 649.2 | 661.2 | 671.4 | 678.2 | 686.7 | 703.8 | 734.4 | 746.4 | 748.1 | 678.2 |
| 65° | 569.1 | 564.0 | 569.1 | 589.6 | 591.3 | 601.5 | 620.3 | 642.4 | 668.0 | 664.6 | 564.0 |
| 67.5° | 485.6 | 485.6 | 485.6 | 499.3 | 509.5 | 514.6 | 538.5 | 548.7 | 581.1 | 584.5 | 470.3 |
| 70° | 409.0 | 407.3 | 409.0 | 419.2 | 426.0 | 437.9 | 460.1 | 472.0 | 497.6 | 506.1 | 381.7 |
| 72.5° | 335.7 | 334.0 | 335.7 | 344.2 | 351.0 | 361.2 | 380.0 | 393.6 | 415.8 | 426.0 | 296.5 |
| 75° | 270.9 | 267.5 | 270.9 | 277.8 | 276.0 | 289.7 | 305.0 | 318.6 | 339.1 | 345.9 | 219.8 |
| 77.5° | 207.9 | 207.9 | 207.9 | 214.7 | 214.7 | 228.3 | 235.2 | 252.2 | 264.1 | 274.3 | 161.9 |
| 80° | 155.1 | 153.4 | 155.1 | 156.8 | 156.8 | 163.6 | 175.5 | 187.4 | 197.7 | 197.7 | 110.8 |
| 82.5° | 109.1 | 105.6 | 109.1 | 109.1 | 109.1 | 112.5 | 119.3 | 122.7 | 129.5 | 134.6 | 69.9 |
| 85° | 68.2 | 68.2 | 68.2 | 69.9 | 68.2 | 71.6 | 73.3 | 76.7 | 76.7 | 73.3 | 42.6 |
| 87.5° | 44.3 | 42.6 | 44.3 | 42.6 | 42.6 | 40.9 | 40.9 | 40.9 | 39.2 | 37.5 | 23.9 |
| 90° | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 35.9 | 47.9 | 53.8 | 46.3 | 31.2 | 19.9 |
| 92.5° | 107.9 | 86.5 | 107.9 | 129.3 | 134.7 | 190.9 | 265.8 | 303.3 | 266.3 | 192.3 | 136.8 |
| 95° | 376.1 | 311.2 | 376.1 | 441.0 | 457.2 | 600.3 | 791.3 | 886.7 | 748.8 | 473.2 | 266.5 |
| 97.5° | 901.0 | 777.5 | 901.0 | 1024.5 | 1055.4 | 1145.9 | 1266.5 | 1326.8 | 1097.0 | 637.5 | 292.7 |
| 100° | 1298.2 | 1151.1 | 1298.2 | 1445.2 | 1482.1 | 1475.4 | 1466.6 | 1462.2 | 1207.2 | 697.2 | 314.7 |
| 102.5° | 1688.8 | 1562.8 | 1688.8 | 1814.8 | 1846.4 | 1731.1 | 1577.3 | 1500.5 | 1241.8 | 724.5 | 336.6 |
| 105° | 2186.9 | 2119.2 | 2186.9 | 2254.6 | 2271.6 | 2013.1 | 1668.5 | 1496.2 | 1245.8 | 744.9 | 369.3 |
| 107.5° | 2513.2 | 2529.6 | 2513.2 | 2496.8 | 2492.7 | 2132.2 | 1651.5 | 1411.2 | 1190.3 | 748.7 | 417.5 |
| 110° | 2637.6 | 2708.2 | 2637.6 | 2567.1 | 2549.4 | 2146.4 | 1609.0 | 1340.3 | 1141.2 | 743.0 | 444.4 |



TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2648.7 | 2757.1 | 2648.7 | 2540.4 | 2513.3 | 2100.8 | 1550.8 | 1275.8 | 1098.3 | 743.3 | 477.0 |
| 115° | 2578.5 | 2728.8 | 2578.5 | 2428.3 | 2390.7 | 1993.3 | 1463.5 | 1198.5 | 1049.1 | 750.1 | 525.9 |
| 117.5° | 2429.6 | 2596.2 | 2429.6 | 2262.9 | 2221.2 | 1862.6 | 1384.4 | 1145.3 | 1018.2 | 764.1 | 573.4 |
| 120° | 2309.6 | 2471.5 | 2309.6 | 2147.6 | 2107.2 | 1779.5 | 1342.6 | 1124.1 | 1007.9 | 775.4 | 601.0 |
| 122.5° | 2192.7 | 2352.4 | 2192.7 | 2033.0 | 1993.1 | 1698.0 | 1304.5 | 1107.8 | 1002.4 | 791.7 | 633.6 |
| 125° | 2026.0 | 2173.1 | 2026.0 | 1878.9 | 1842.1 | 1591.5 | 1257.2 | 1090.0 | 997.9 | 813.7 | 675.5 |
| 127.5° | 1876.0 | 2000.2 | 1876.0 | 1751.9 | 1720.9 | 1505.7 | 1218.7 | 1075.2 | 995.4 | 835.6 | 715.9 |
| 130° | 1787.7 | 1902.3 | 1787.7 | 1673.0 | 1644.4 | 1452.7 | 1197.2 | 1069.5 | 996.9 | 851.7 | 742.8 |
| 132.5° | 1707.5 | 1810.2 | 1707.5 | 1604.7 | 1579.1 | 1407.6 | 1178.9 | 1064.6 | 997.9 | 864.7 | 764.8 |
| 135° | 1597.7 | 1686.2 | 1597.7 | 1509.1 | 1487.0 | 1343.3 | 1151.8 | 1056.1 | 997.0 | 878.9 | 790.3 |
| 137.5° | 1509.5 | 1582.0 | 1509.5 | 1437.1 | 1418.9 | 1297.5 | 1135.5 | 1054.6 | 1003.1 | 900.1 | 822.9 |
| 140° | 1449.0 | 1516.7 | 1449.0 | 1381.3 | 1364.4 | 1259.5 | 1119.6 | 1049.7 | 1004.2 | 913.1 | 844.8 |
| 142.5° | 1399.0 | 1457.3 | 1399.0 | 1340.7 | 1326.1 | 1234.0 | 1111.1 | 1049.7 | 1007.7 | 924.0 | 861.1 |
| 145° | 1323.8 | 1367.9 | 1323.8 | 1279.7 | 1268.7 | 1193.3 | 1092.9 | 1042.6 | 1007.8 | 938.2 | 886.0 |
| 147.5° | 1266.2 | 1302.7 | 1266.2 | 1229.6 | 1220.5 | 1161.2 | 1082.1 | 1042.6 | 1014.7 | 959.0 | 917.2 |
| 150° | 1229.9 | 1259.5 | 1229.9 | 1200.3 | 1192.9 | 1142.8 | 1076.0 | 1042.6 | 1018.3 | 969.8 | 933.5 |
| 152.5° | 1198.8 | 1221.2 | 1198.8 | 1176.5 | 1170.9 | 1128.1 | 1071.1 | 1042.6 | 1020.7 | 976.9 | 944.1 |
| 155° | 1163.2 | 1178.0 | 1163.2 | 1148.3 | 1144.7 | 1110.7 | 1065.3 | 1042.6 | 1025.9 | 992.5 | 967.4 |
| 157.5° | 1134.9 | 1145.3 | 1134.9 | 1124.6 | 1122.0 | 1095.5 | 1060.2 | 1042.6 | 1031.1 | 1008.1 | 990.9 |
| 160° | 1118.2 | 1124.1 | 1118.2 | 1112.2 | 1110.7 | 1088.0 | 1057.8 | 1042.6 | 1033.5 | 1015.2 | 1001.5 |
| 162.5° | 1107.1 | 1112.8 | 1107.1 | 1101.5 | 1100.0 | 1080.8 | 1055.4 | 1042.6 | 1035.9 | 1022.7 | 1012.9 |
| 165° | 1091.2 | 1097.2 | 1091.2 | 1085.3 | 1083.7 | 1070.0 | 1051.7 | 1042.6 | 1039.6 | 1033.6 | 1029.1 |
| 167.5° | 1079.7 | 1082.3 | 1079.7 | 1077.2 | 1076.6 | 1067.6 | 1055.6 | 1049.7 | 1047.1 | 1042.1 | 1038.3 |
| 170° | 1076.6 | 1076.6 | 1076.6 | 1076.6 | 1076.6 | 1067.6 | 1055.6 | 1049.7 | 1049.5 | 1049.2 | 1049.0 |
| 172.5° | 1068.2 | 1066.0 | 1068.2 | 1070.5 | 1071.0 | 1063.9 | 1054.4 | 1049.7 | 1049.7 | 1049.7 | 1049.7 |
| 175° | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1058.6 | 1052.6 | 1049.7 | 1051.1 | 1053.9 | 1056.1 |
| 177.5° | 1058.6 | 1056.1 | 1058.6 | 1061.2 | 1061.8 | 1058.2 | 1053.5 | 1051.1 | 1052.2 | 1054.4 | 1056.1 |
| 180° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |



TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 |
| 2.5° | 1826.6 | 1816.4 | 1816.4 | 1799.3 | 1792.5 | 1787.4 | 1778.9 | 1753.3 | 1746.5 | 1739.7 | 1749.9 |
| 5° | 1841.9 | 1823.2 | 1809.6 | 1778.9 | 1753.3 | 1743.1 | 1710.7 | 1649.4 | 1608.5 | 1577.8 | 1560.8 |
| 7.5° | 1845.3 | 1821.5 | 1795.9 | 1748.2 | 1686.9 | 1659.6 | 1560.8 | 1448.3 | 1417.6 | 1390.4 | 1373.3 |
| 10° | 1841.9 | 1814.7 | 1778.9 | 1707.3 | 1562.5 | 1514.8 | 1415.9 | 1342.7 | 1323.9 | 1318.8 | 1323.9 |
| 12.5° | 1830.0 | 1804.5 | 1755.0 | 1635.8 | 1433.0 | 1400.6 | 1342.7 | 1300.1 | 1296.7 | 1305.2 | 1351.2 |
| 15° | 1809.6 | 1785.7 | 1727.8 | 1540.3 | 1361.4 | 1337.6 | 1296.7 | 1281.3 | 1300.1 | 1359.7 | 1497.7 |
| 17.5° | 1789.1 | 1761.9 | 1690.3 | 1446.6 | 1306.9 | 1289.8 | 1260.9 | 1291.5 | 1397.2 | 1477.3 | 1523.3 |
| 20° | 1761.9 | 1729.5 | 1647.7 | 1378.5 | 1267.7 | 1252.4 | 1238.7 | 1376.7 | 1456.8 | 1485.8 | 1511.4 |
| 22.5° | 1729.5 | 1695.4 | 1589.7 | 1330.7 | 1226.8 | 1214.9 | 1223.4 | 1424.5 | 1456.8 | 1477.3 | 1499.4 |
| 25° | 1686.9 | 1657.9 | 1521.6 | 1293.3 | 1194.4 | 1180.8 | 1213.2 | 1419.3 | 1438.1 | 1443.2 | 1487.5 |
| 27.5° | 1647.7 | 1610.2 | 1450.0 | 1259.2 | 1155.2 | 1150.1 | 1221.7 | 1397.2 | 1410.8 | 1415.9 | 1463.7 |
| 30° | 1600.0 | 1543.7 | 1369.9 | 1223.4 | 1114.3 | 1112.6 | 1223.4 | 1369.9 | 1366.5 | 1380.2 | 1427.9 |
| 32.5° | 1550.6 | 1444.9 | 1279.6 | 1179.1 | 1075.1 | 1073.4 | 1211.5 | 1329.0 | 1325.6 | 1344.4 | 1380.2 |
| 35° | 1504.5 | 1368.2 | 1156.9 | 1128.0 | 1025.7 | 1027.4 | 1182.5 | 1281.3 | 1283.0 | 1300.1 | 1322.2 |
| 37.5° | 1456.8 | 1301.8 | 1022.3 | 1071.7 | 978.1 | 978.1 | 1143.3 | 1237.0 | 1233.6 | 1238.7 | 1269.4 |
| 40° | 1400.6 | 1197.8 | 903.1 | 998.5 | 933.8 | 928.7 | 1095.6 | 1189.3 | 1177.4 | 1175.7 | 1218.3 |
| 42.5° | 1341.0 | 1083.7 | 814.5 | 901.4 | 882.7 | 875.9 | 1037.7 | 1131.4 | 1109.2 | 1114.3 | 1168.9 |
| 45° | 1276.2 | 1053.0 | 746.4 | 761.7 | 829.8 | 824.7 | 974.7 | 1064.9 | 1049.6 | 1063.2 | 1119.4 |
| 47.5° | 1211.5 | 991.7 | 724.2 | 632.2 | 773.6 | 771.9 | 904.8 | 1000.2 | 991.7 | 1005.4 | 1064.9 |
| 50° | 1122.9 | 923.6 | 722.5 | 541.9 | 710.6 | 717.4 | 821.3 | 937.2 | 937.2 | 949.1 | 1012.2 |
| 52.5° | 1008.8 | 840.1 | 656.0 | 490.8 | 637.3 | 657.7 | 748.1 | 882.7 | 886.1 | 898.0 | 954.2 |
| 55° | 904.8 | 753.2 | 608.3 | 451.6 | 550.4 | 594.7 | 676.5 | 826.4 | 833.3 | 845.2 | 896.3 |
| 57.5° | 809.4 | 627.1 | 598.1 | 405.6 | 470.3 | 512.9 | 613.4 | 771.9 | 775.3 | 785.5 | 835.0 |
| 60° | 707.2 | 453.3 | 548.7 | 356.1 | 400.4 | 432.8 | 555.5 | 707.2 | 719.1 | 725.9 | 768.5 |
| 62.5° | 591.3 | 328.9 | 497.6 | 322.1 | 366.4 | 373.2 | 507.8 | 645.8 | 661.2 | 666.3 | 691.8 |
| 65° | 420.9 | 276.0 | 422.6 | 293.1 | 330.6 | 332.3 | 456.7 | 582.8 | 596.4 | 604.9 | 623.7 |
| 67.5° | 284.6 | 224.9 | 322.1 | 265.8 | 303.3 | 305.0 | 407.3 | 509.5 | 528.2 | 535.1 | 547.0 |
| 70° | 197.7 | 150.0 | 238.6 | 236.9 | 272.6 | 276.0 | 354.4 | 443.0 | 460.1 | 465.2 | 472.0 |
| 72.5° | 144.8 | 121.0 | 197.7 | 213.0 | 240.3 | 243.7 | 299.9 | 368.1 | 385.1 | 390.2 | 393.6 |
| 75° | 110.8 | 127.8 | 160.2 | 185.7 | 204.5 | 206.2 | 245.4 | 299.9 | 311.8 | 315.2 | 316.9 |
| 77.5° | 88.6 | 119.3 | 117.6 | 150.0 | 167.0 | 163.6 | 192.6 | 231.7 | 242.0 | 242.0 | 242.0 |
| 80° | 66.5 | 93.7 | 88.6 | 107.4 | 122.7 | 119.3 | 138.0 | 165.3 | 168.7 | 172.1 | 170.4 |
| 82.5° | 49.4 | 59.6 | 59.6 | 68.2 | 81.8 | 78.4 | 92.0 | 107.4 | 107.4 | 107.4 | 110.8 |
| 85° | 30.7 | 34.1 | 27.3 | 35.8 | 46.0 | 44.3 | 51.1 | 57.9 | 59.6 | 59.6 | 56.2 |
| 87.5° | 18.7 | 15.3 | 8.5 | 13.6 | 20.4 | 20.4 | 23.9 | 25.6 | 23.9 | 23.9 | 23.9 |
| 90° | 18.4 | 12.8 | 7.1 | 12.8 | 18.4 | 19.9 | 31.2 | 46.3 | 53.8 | 47.9 | 35.9 |
| 92.5° | 124.8 | 76.6 | 28.4 | 76.6 | 124.8 | 136.8 | 192.3 | 266.3 | 303.3 | 265.8 | 190.9 |
| 95° | 244.4 | 156.3 | 68.1 | 156.3 | 244.4 | 266.5 | 473.2 | 748.8 | 886.7 | 791.3 | 600.3 |
| 97.5° | 273.3 | 195.4 | 117.7 | 195.4 | 273.3 | 292.7 | 637.5 | 1097.0 | 1326.8 | 1266.5 | 1145.9 |
| 100° | 297.1 | 226.5 | 155.9 | 226.5 | 297.1 | 314.7 | 697.2 | 1207.2 | 1462.2 | 1466.6 | 1475.4 |
| 102.5° | 320.2 | 254.3 | 188.5 | 254.3 | 320.2 | 336.6 | 724.5 | 1241.8 | 1500.5 | 1577.3 | 1731.1 |
| 105° | 355.3 | 299.6 | 243.8 | 299.6 | 355.3 | 369.3 | 744.9 | 1245.8 | 1496.2 | 1668.5 | 2013.1 |
| 107.5° | 404.4 | 352.5 | 300.5 | 352.5 | 404.4 | 417.5 | 748.7 | 1190.3 | 1411.2 | 1651.5 | 2132.2 |
| 110° | 432.6 | 385.7 | 338.8 | 385.7 | 432.6 | 444.4 | 743.0 | 1141.2 | 1340.3 | 1609.0 | 2146.4 |



TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 465.9 | 421.1 | 376.3 | 421.1 | 465.9 | 477.0 | 743.3 | 1098.3 | 1275.8 | 1550.8 | 2100.8 |
| 115° | 515.6 | 474.3 | 433.1 | 474.3 | 515.6 | 525.9 | 750.1 | 1049.1 | 1198.5 | 1463.5 | 1993.3 |
| 117.5° | 564.0 | 526.5 | 489.0 | 526.5 | 564.0 | 573.4 | 764.1 | 1018.2 | 1145.3 | 1384.4 | 1862.6 |
| 120° | 592.2 | 557.0 | 521.7 | 557.0 | 592.2 | 601.0 | 775.4 | 1007.9 | 1124.1 | 1342.6 | 1779.5 |
| 122.5° | 624.8 | 589.2 | 553.5 | 589.2 | 624.8 | 633.6 | 791.7 | 1002.4 | 1107.8 | 1304.5 | 1698.0 |
| 125° | 667.4 | 634.9 | 602.4 | 634.9 | 667.4 | 675.5 | 813.7 | 997.9 | 1090.0 | 1257.2 | 1591.5 |
| 127.5° | 707.7 | 674.9 | 642.2 | 674.9 | 707.7 | 715.9 | 835.6 | 995.4 | 1075.2 | 1218.7 | 1505.7 |
| 130° | 733.9 | 698.6 | 663.4 | 698.6 | 733.9 | 742.8 | 851.7 | 996.9 | 1069.5 | 1197.2 | 1452.7 |
| 132.5° | 755.9 | 720.6 | 685.3 | 720.6 | 755.9 | 764.8 | 864.7 | 997.9 | 1064.6 | 1178.9 | 1407.6 |
| 135° | 782.3 | 750.1 | 718.0 | 750.1 | 782.3 | 790.3 | 878.9 | 997.0 | 1056.1 | 1151.8 | 1343.3 |
| 137.5° | 814.9 | 783.1 | 751.3 | 783.1 | 814.9 | 822.9 | 900.1 | 1003.1 | 1054.6 | 1135.5 | 1297.5 |
| 140° | 837.5 | 808.2 | 778.9 | 808.2 | 837.5 | 844.8 | 913.1 | 1004.2 | 1049.7 | 1119.6 | 1259.5 |
| 142.5° | 854.4 | 827.3 | 800.2 | 827.3 | 854.4 | 861.1 | 924.0 | 1007.7 | 1049.7 | 1111.1 | 1234.0 |
| 145° | 880.1 | 856.4 | 832.8 | 856.4 | 880.1 | 886.0 | 938.2 | 1007.8 | 1042.6 | 1092.9 | 1193.3 |
| 147.5° | 911.4 | 888.4 | 865.4 | 888.4 | 911.4 | 917.2 | 959.0 | 1014.7 | 1042.6 | 1082.1 | 1161.2 |
| 150° | 928.3 | 907.5 | 886.7 | 907.5 | 928.3 | 933.5 | 969.8 | 1018.3 | 1042.6 | 1076.0 | 1142.8 |
| 152.5° | 940.2 | 924.4 | 908.7 | 924.4 | 940.2 | 944.1 | 976.9 | 1020.7 | 1042.6 | 1071.1 | 1128.1 |
| 155° | 964.5 | 952.9 | 941.2 | 952.9 | 964.5 | 967.4 | 992.5 | 1025.9 | 1042.6 | 1065.3 | 1110.7 |
| 157.5° | 988.1 | 976.6 | 965.3 | 976.6 | 988.1 | 990.9 | 1008.1 | 1031.1 | 1042.6 | 1060.2 | 1095.5 |
| 160° | 999.3 | 990.5 | 981.7 | 990.5 | 999.3 | 1001.5 | 1015.2 | 1033.5 | 1042.6 | 1057.8 | 1088.0 |
| 162.5° | 1011.2 | 1004.6 | 997.9 | 1004.6 | 1011.2 | 1012.9 | 1022.7 | 1035.9 | 1042.6 | 1055.4 | 1080.8 |
| 165° | 1027.6 | 1021.6 | 1015.7 | 1021.6 | 1027.6 | 1029.1 | 1033.6 | 1039.6 | 1042.6 | 1051.7 | 1070.0 |
| 167.5° | 1037.7 | 1034.8 | 1031.9 | 1034.8 | 1037.7 | 1038.3 | 1042.1 | 1047.1 | 1049.7 | 1055.6 | 1067.6 |
| 170° | 1048.3 | 1045.4 | 1042.6 | 1045.4 | 1048.3 | 1049.0 | 1049.2 | 1049.5 | 1049.7 | 1055.6 | 1067.6 |
| 172.5° | 1049.5 | 1048.9 | 1048.3 | 1048.9 | 1049.5 | 1049.7 | 1049.7 | 1049.7 | 1049.7 | 1054.4 | 1063.9 |
| 175° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1053.9 | 1051.1 | 1049.7 | 1052.6 | 1058.6 |
| 177.5° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1054.4 | 1052.2 | 1051.1 | 1053.5 | 1058.2 |
| 180° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |



TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 |
| 2.5° | 1738.0 | 1732.9 | 1739.7 | 1721.0 | 1739.7 | 1732.9 | 1738.0 | 1749.9 | 1739.7 | 1746.5 | 1753.3 |
| 5° | 1525.0 | 1516.5 | 1489.2 | 1467.1 | 1489.2 | 1516.5 | 1525.0 | 1560.8 | 1577.8 | 1608.5 | 1649.4 |
| 7.5° | 1363.1 | 1356.3 | 1349.5 | 1335.9 | 1349.5 | 1356.3 | 1363.1 | 1373.3 | 1390.4 | 1417.6 | 1448.3 |
| 10° | 1327.3 | 1329.0 | 1339.3 | 1337.6 | 1339.3 | 1329.0 | 1327.3 | 1323.9 | 1318.8 | 1323.9 | 1342.7 |
| 12.5° | 1419.3 | 1434.7 | 1490.9 | 1487.5 | 1490.9 | 1434.7 | 1419.3 | 1351.2 | 1305.2 | 1296.7 | 1300.1 |
| 15° | 1525.0 | 1530.1 | 1542.0 | 1543.7 | 1542.0 | 1530.1 | 1525.0 | 1497.7 | 1359.7 | 1300.1 | 1281.3 |
| 17.5° | 1535.2 | 1536.9 | 1545.4 | 1545.4 | 1545.4 | 1536.9 | 1535.2 | 1523.3 | 1477.3 | 1397.2 | 1291.5 |
| 20° | 1526.7 | 1530.1 | 1547.1 | 1550.6 | 1547.1 | 1530.1 | 1526.7 | 1511.4 | 1485.8 | 1456.8 | 1376.7 |
| 22.5° | 1523.3 | 1530.1 | 1543.7 | 1542.0 | 1543.7 | 1530.1 | 1523.3 | 1499.4 | 1477.3 | 1456.8 | 1424.5 |
| 25° | 1506.3 | 1506.3 | 1508.0 | 1509.7 | 1508.0 | 1506.3 | 1506.3 | 1487.5 | 1443.2 | 1438.1 | 1419.3 |
| 27.5° | 1470.5 | 1473.9 | 1484.1 | 1482.4 | 1484.1 | 1473.9 | 1470.5 | 1463.7 | 1415.9 | 1410.8 | 1397.2 |
| 30° | 1438.1 | 1434.7 | 1426.2 | 1419.3 | 1426.2 | 1434.7 | 1438.1 | 1427.9 | 1380.2 | 1366.5 | 1369.9 |
| 32.5° | 1383.6 | 1375.0 | 1366.5 | 1361.4 | 1366.5 | 1375.0 | 1383.6 | 1380.2 | 1344.4 | 1325.6 | 1329.0 |
| 35° | 1318.8 | 1320.5 | 1318.8 | 1313.7 | 1318.8 | 1320.5 | 1318.8 | 1322.2 | 1300.1 | 1283.0 | 1281.3 |
| 37.5° | 1272.8 | 1276.2 | 1274.5 | 1267.7 | 1274.5 | 1276.2 | 1272.8 | 1269.4 | 1238.7 | 1233.6 | 1237.0 |
| 40° | 1225.1 | 1226.8 | 1225.1 | 1220.0 | 1225.1 | 1226.8 | 1225.1 | 1218.3 | 1175.7 | 1177.4 | 1189.3 |
| 42.5° | 1179.1 | 1177.4 | 1172.3 | 1168.9 | 1172.3 | 1177.4 | 1179.1 | 1168.9 | 1114.3 | 1109.2 | 1131.4 |
| 45° | 1126.3 | 1128.0 | 1117.7 | 1112.6 | 1117.7 | 1128.0 | 1126.3 | 1119.4 | 1063.2 | 1049.6 | 1064.9 |
| 47.5° | 1073.4 | 1073.4 | 1064.9 | 1059.8 | 1064.9 | 1073.4 | 1073.4 | 1064.9 | 1005.4 | 991.7 | 1000.2 |
| 50° | 1017.2 | 1015.6 | 1003.7 | 1002.0 | 1003.7 | 1015.6 | 1017.2 | 1012.2 | 949.1 | 937.2 | 937.2 |
| 52.5° | 952.5 | 952.5 | 954.2 | 957.6 | 954.2 | 952.5 | 952.5 | 954.2 | 898.0 | 886.1 | 882.7 |
| 55° | 896.3 | 898.0 | 909.9 | 913.3 | 909.9 | 898.0 | 896.3 | 896.3 | 845.2 | 833.3 | 826.4 |
| 57.5° | 838.4 | 838.4 | 846.9 | 846.9 | 846.9 | 838.4 | 838.4 | 835.0 | 785.5 | 775.3 | 771.9 |
| 60° | 771.9 | 775.3 | 782.1 | 780.4 | 782.1 | 775.3 | 771.9 | 768.5 | 725.9 | 719.1 | 707.2 |
| 62.5° | 702.0 | 705.5 | 707.2 | 703.8 | 707.2 | 705.5 | 702.0 | 691.8 | 666.3 | 661.2 | 645.8 |
| 65° | 628.8 | 632.2 | 633.9 | 630.5 | 633.9 | 632.2 | 628.8 | 623.7 | 604.9 | 596.4 | 582.8 |
| 67.5° | 553.8 | 552.1 | 550.4 | 557.2 | 550.4 | 552.1 | 553.8 | 547.0 | 535.1 | 528.2 | 509.5 |
| 70° | 477.1 | 477.1 | 475.4 | 478.8 | 475.4 | 477.1 | 477.1 | 472.0 | 465.2 | 460.1 | 443.0 |
| 72.5° | 395.3 | 393.6 | 400.4 | 395.3 | 400.4 | 393.6 | 395.3 | 393.6 | 390.2 | 385.1 | 368.1 |
| 75° | 315.2 | 318.6 | 315.2 | 320.4 | 315.2 | 318.6 | 315.2 | 316.9 | 315.2 | 311.8 | 299.9 |
| 77.5° | 240.3 | 243.7 | 240.3 | 240.3 | 240.3 | 243.7 | 240.3 | 242.0 | 242.0 | 242.0 | 231.7 |
| 80° | 170.4 | 168.7 | 168.7 | 167.0 | 168.7 | 168.7 | 170.4 | 170.4 | 172.1 | 168.7 | 165.3 |
| 82.5° | 109.1 | 107.4 | 107.4 | 110.8 | 107.4 | 107.4 | 109.1 | 110.8 | 107.4 | 107.4 | 107.4 |
| 85° | 59.6 | 61.3 | 57.9 | 57.9 | 57.9 | 61.3 | 59.6 | 56.2 | 59.6 | 59.6 | 57.9 |
| 87.5° | 22.2 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 22.2 | 23.9 | 23.9 | 23.9 | 25.6 |
| 90° | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 35.9 | 47.9 | 53.8 | 46.3 |
| 92.5° | 134.7 | 129.3 | 107.9 | 86.5 | 107.9 | 129.3 | 134.7 | 190.9 | 265.8 | 303.3 | 266.3 |
| 95° | 457.2 | 441.0 | 376.1 | 311.2 | 376.1 | 441.0 | 457.2 | 600.3 | 791.3 | 886.7 | 748.8 |
| 97.5° | 1055.4 | 1024.5 | 901.0 | 777.5 | 901.0 | 1024.5 | 1055.4 | 1145.9 | 1266.5 | 1326.8 | 1097.0 |
| 100° | 1482.1 | 1445.2 | 1298.2 | 1151.1 | 1298.2 | 1445.2 | 1482.1 | 1475.4 | 1466.6 | 1462.2 | 1207.2 |
| 102.5° | 1846.4 | 1814.8 | 1688.8 | 1562.8 | 1688.8 | 1814.8 | 1846.4 | 1731.1 | 1577.3 | 1500.5 | 1241.8 |
| 105° | 2271.6 | 2254.6 | 2186.9 | 2119.2 | 2186.9 | 2254.6 | 2271.6 | 2013.1 | 1668.5 | 1496.2 | 1245.8 |
| 107.5° | 2492.7 | 2496.8 | 2513.2 | 2529.6 | 2513.2 | 2496.8 | 2492.7 | 2132.2 | 1651.5 | 1411.2 | 1190.3 |
| 110° | 2549.4 | 2567.1 | 2637.6 | 2708.2 | 2637.6 | 2567.1 | 2549.4 | 2146.4 | 1609.0 | 1340.3 | 1141.2 |



TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2513.3 | 2540.4 | 2648.7 | 2757.1 | 2648.7 | 2540.4 | 2513.3 | 2100.8 | 1550.8 | 1275.8 | 1098.3 |
| 115° | 2390.7 | 2428.3 | 2578.5 | 2728.8 | 2578.5 | 2428.3 | 2390.7 | 1993.3 | 1463.5 | 1198.5 | 1049.1 |
| 117.5° | 2221.2 | 2262.9 | 2429.6 | 2596.2 | 2429.6 | 2262.9 | 2221.2 | 1862.6 | 1384.4 | 1145.3 | 1018.2 |
| 120° | 2107.2 | 2147.6 | 2309.6 | 2471.5 | 2309.6 | 2147.6 | 2107.2 | 1779.5 | 1342.6 | 1124.1 | 1007.9 |
| 122.5° | 1993.1 | 2033.0 | 2192.7 | 2352.4 | 2192.7 | 2033.0 | 1993.1 | 1698.0 | 1304.5 | 1107.8 | 1002.4 |
| 125° | 1842.1 | 1878.9 | 2026.0 | 2173.1 | 2026.0 | 1878.9 | 1842.1 | 1591.5 | 1257.2 | 1090.0 | 997.9 |
| 127.5° | 1720.9 | 1751.9 | 1876.0 | 2000.2 | 1876.0 | 1751.9 | 1720.9 | 1505.7 | 1218.7 | 1075.2 | 995.4 |
| 130° | 1644.4 | 1673.0 | 1787.7 | 1902.3 | 1787.7 | 1673.0 | 1644.4 | 1452.7 | 1197.2 | 1069.5 | 996.9 |
| 132.5° | 1579.1 | 1604.7 | 1707.5 | 1810.2 | 1707.5 | 1604.7 | 1579.1 | 1407.6 | 1178.9 | 1064.6 | 997.9 |
| 135° | 1487.0 | 1509.1 | 1597.7 | 1686.2 | 1597.7 | 1509.1 | 1487.0 | 1343.3 | 1151.8 | 1056.1 | 997.0 |
| 137.5° | 1418.9 | 1437.1 | 1509.5 | 1582.0 | 1509.5 | 1437.1 | 1418.9 | 1297.5 | 1135.5 | 1054.6 | 1003.1 |
| 140° | 1364.4 | 1381.3 | 1449.0 | 1516.7 | 1449.0 | 1381.3 | 1364.4 | 1259.5 | 1119.6 | 1049.7 | 1004.2 |
| 142.5° | 1326.1 | 1340.7 | 1399.0 | 1457.3 | 1399.0 | 1340.7 | 1326.1 | 1234.0 | 1111.1 | 1049.7 | 1007.7 |
| 145° | 1268.7 | 1279.7 | 1323.8 | 1367.9 | 1323.8 | 1279.7 | 1268.7 | 1193.3 | 1092.9 | 1042.6 | 1007.8 |
| 147.5° | 1220.5 | 1229.6 | 1266.2 | 1302.7 | 1266.2 | 1229.6 | 1220.5 | 1161.2 | 1082.1 | 1042.6 | 1014.7 |
| 150° | 1192.9 | 1200.3 | 1229.9 | 1259.5 | 1229.9 | 1200.3 | 1192.9 | 1142.8 | 1076.0 | 1042.6 | 1018.3 |
| 152.5° | 1170.9 | 1176.5 | 1198.8 | 1221.2 | 1198.8 | 1176.5 | 1170.9 | 1128.1 | 1071.1 | 1042.6 | 1020.7 |
| 155° | 1144.7 | 1148.3 | 1163.2 | 1178.0 | 1163.2 | 1148.3 | 1144.7 | 1110.7 | 1065.3 | 1042.6 | 1025.9 |
| 157.5° | 1122.0 | 1124.6 | 1134.9 | 1145.3 | 1134.9 | 1124.6 | 1122.0 | 1095.5 | 1060.2 | 1042.6 | 1031.1 |
| 160° | 1110.7 | 1112.2 | 1118.2 | 1124.1 | 1118.2 | 1112.2 | 1110.7 | 1088.0 | 1057.8 | 1042.6 | 1033.5 |
| 162.5° | 1100.0 | 1101.5 | 1107.1 | 1112.8 | 1107.1 | 1101.5 | 1100.0 | 1080.8 | 1055.4 | 1042.6 | 1035.9 |
| 165° | 1083.7 | 1085.3 | 1091.2 | 1097.2 | 1091.2 | 1085.3 | 1083.7 | 1070.0 | 1051.7 | 1042.6 | 1039.6 |
| 167.5° | 1076.6 | 1077.2 | 1079.7 | 1082.3 | 1079.7 | 1077.2 | 1076.6 | 1067.6 | 1055.6 | 1049.7 | 1047.1 |
| 170° | 1076.6 | 1076.6 | 1076.6 | 1076.6 | 1076.6 | 1076.6 | 1076.6 | 1067.6 | 1055.6 | 1049.7 | 1049.5 |
| 172.5° | 1071.0 | 1070.5 | 1068.2 | 1066.0 | 1068.2 | 1070.5 | 1071.0 | 1063.9 | 1054.4 | 1049.7 | 1049.7 |
| 175° | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1063.1 | 1058.6 | 1052.6 | 1049.7 | 1051.1 |
| 177.5° | 1061.8 | 1061.2 | 1058.6 | 1056.1 | 1058.6 | 1061.2 | 1061.8 | 1058.2 | 1053.5 | 1051.1 | 1052.2 |
| 180° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |



TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 |
| 2.5° | 1778.9 | 1787.4 | 1792.5 | 1799.3 | 1816.4 |
| 5° | 1710.7 | 1743.1 | 1753.3 | 1778.9 | 1809.6 |
| 7.5° | 1560.8 | 1659.6 | 1686.9 | 1748.2 | 1795.9 |
| 10° | 1415.9 | 1514.8 | 1562.5 | 1707.3 | 1778.9 |
| 12.5° | 1342.7 | 1400.6 | 1433.0 | 1635.8 | 1755.0 |
| 15° | 1296.7 | 1337.6 | 1361.4 | 1540.3 | 1727.8 |
| 17.5° | 1260.9 | 1289.8 | 1306.9 | 1446.6 | 1690.3 |
| 20° | 1238.7 | 1252.4 | 1267.7 | 1378.5 | 1647.7 |
| 22.5° | 1223.4 | 1214.9 | 1226.8 | 1330.7 | 1589.7 |
| 25° | 1213.2 | 1180.8 | 1194.4 | 1293.3 | 1521.6 |
| 27.5° | 1221.7 | 1150.1 | 1155.2 | 1259.2 | 1450.0 |
| 30° | 1223.4 | 1112.6 | 1114.3 | 1223.4 | 1369.9 |
| 32.5° | 1211.5 | 1073.4 | 1075.1 | 1179.1 | 1279.6 |
| 35° | 1182.5 | 1027.4 | 1025.7 | 1128.0 | 1156.9 |
| 37.5° | 1143.3 | 978.1 | 978.1 | 1071.7 | 1022.3 |
| 40° | 1095.6 | 928.7 | 933.8 | 998.5 | 903.1 |
| 42.5° | 1037.7 | 875.9 | 882.7 | 901.4 | 814.5 |
| 45° | 974.7 | 824.7 | 829.8 | 761.7 | 746.4 |
| 47.5° | 904.8 | 771.9 | 773.6 | 632.2 | 724.2 |
| 50° | 821.3 | 717.4 | 710.6 | 541.9 | 722.5 |
| 52.5° | 748.1 | 657.7 | 637.3 | 490.8 | 656.0 |
| 55° | 676.5 | 594.7 | 550.4 | 451.6 | 608.3 |
| 57.5° | 613.4 | 512.9 | 470.3 | 405.6 | 598.1 |
| 60° | 555.5 | 432.8 | 400.4 | 356.1 | 548.7 |
| 62.5° | 507.8 | 373.2 | 366.4 | 322.1 | 497.6 |
| 65° | 456.7 | 332.3 | 330.6 | 293.1 | 422.6 |
| 67.5° | 407.3 | 305.0 | 303.3 | 265.8 | 322.1 |
| 70° | 354.4 | 276.0 | 272.6 | 236.9 | 238.6 |
| 72.5° | 299.9 | 243.7 | 240.3 | 213.0 | 197.7 |
| 75° | 245.4 | 206.2 | 204.5 | 185.7 | 160.2 |
| 77.5° | 192.6 | 163.6 | 167.0 | 150.0 | 117.6 |
| 80° | 138.0 | 119.3 | 122.7 | 107.4 | 88.6 |
| 82.5° | 92.0 | 78.4 | 81.8 | 68.2 | 59.6 |
| 85° | 51.1 | 44.3 | 46.0 | 35.8 | 27.3 |
| 87.5° | 23.9 | 20.4 | 20.4 | 13.6 | 8.5 |
| 90° | 31.2 | 19.9 | 18.4 | 12.8 | 7.1 |
| 92.5° | 192.3 | 136.8 | 124.8 | 76.6 | 28.4 |
| 95° | 473.2 | 266.5 | 244.4 | 156.3 | 68.1 |
| 97.5° | 637.5 | 292.7 | 273.3 | 195.4 | 117.7 |
| 100° | 697.2 | 314.7 | 297.1 | 226.5 | 155.9 |
| 102.5° | 724.5 | 336.6 | 320.2 | 254.3 | 188.5 |
| 105° | 744.9 | 369.3 | 355.3 | 299.6 | 243.8 |
| 107.5° | 748.7 | 417.5 | 404.4 | 352.5 | 300.5 |
| 110° | 743.0 | 444.4 | 432.6 | 385.7 | 338.8 |



TEST NUMBER: P935172

CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 743.3 | 477.0 | 465.9 | 421.1 | 376.3 |
| 115° | 750.1 | 525.9 | 515.6 | 474.3 | 433.1 |
| 117.5° | 764.1 | 573.4 | 564.0 | 526.5 | 489.0 |
| 120° | 775.4 | 601.0 | 592.2 | 557.0 | 521.7 |
| 122.5° | 791.7 | 633.6 | 624.8 | 589.2 | 553.5 |
| 125° | 813.7 | 675.5 | 667.4 | 634.9 | 602.4 |
| 127.5° | 835.6 | 715.9 | 707.7 | 674.9 | 642.2 |
| 130° | 851.7 | 742.8 | 733.9 | 698.6 | 663.4 |
| 132.5° | 864.7 | 764.8 | 755.9 | 720.6 | 685.3 |
| 135° | 878.9 | 790.3 | 782.3 | 750.1 | 718.0 |
| 137.5° | 900.1 | 822.9 | 814.9 | 783.1 | 751.3 |
| 140° | 913.1 | 844.8 | 837.5 | 808.2 | 778.9 |
| 142.5° | 924.0 | 861.1 | 854.4 | 827.3 | 800.2 |
| 145° | 938.2 | 886.0 | 880.1 | 856.4 | 832.8 |
| 147.5° | 959.0 | 917.2 | 911.4 | 888.4 | 865.4 |
| 150° | 969.8 | 933.5 | 928.3 | 907.5 | 886.7 |
| 152.5° | 976.9 | 944.1 | 940.2 | 924.4 | 908.7 |
| 155° | 992.5 | 967.4 | 964.5 | 952.9 | 941.2 |
| 157.5° | 1008.1 | 990.9 | 988.1 | 976.6 | 965.3 |
| 160° | 1015.2 | 1001.5 | 999.3 | 990.5 | 981.7 |
| 162.5° | 1022.7 | 1012.9 | 1011.2 | 1004.6 | 997.9 |
| 165° | 1033.6 | 1029.1 | 1027.6 | 1021.6 | 1015.7 |
| 167.5° | 1042.1 | 1038.3 | 1037.7 | 1034.8 | 1031.9 |
| 170° | 1049.2 | 1049.0 | 1048.3 | 1045.4 | 1042.6 |
| 172.5° | 1049.7 | 1049.7 | 1049.5 | 1048.9 | 1048.3 |
| 175° | 1053.9 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |
| 177.5° | 1054.4 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |
| 180° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |



TEST NUMBER: P935172
 CATALOG NUMBER: SQ4-FA-100U-075D-935-1D-UNV-STD-W-8

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 11.24 | 12.03 | 12.28 | 13.07 | 14.47 | 14.08 | 14.86 | 15.12 | 15.91 | 17.31 |
| | 3H | 11.72 | 12.42 | 12.76 | 13.47 | 14.89 | 15.42 | 16.12 | 16.47 | 17.17 | 18.59 |
| | 4H | 11.90 | 12.57 | 12.96 | 13.62 | 15.05 | 15.87 | 16.53 | 16.92 | 17.58 | 19.01 |
| | 6H | 12.02 | 12.63 | 13.08 | 13.68 | 15.12 | 16.15 | 16.76 | 17.21 | 17.82 | 19.25 |
| | 8H | 12.02 | 12.60 | 13.09 | 13.67 | 15.10 | 16.22 | 16.80 | 17.29 | 17.88 | 19.31 |
| | 12H | 11.98 | 12.54 | 13.06 | 13.60 | 15.06 | 16.26 | 16.81 | 17.33 | 17.88 | 19.33 |
| 4H | 2H | 12.27 | 12.93 | 13.33 | 13.98 | 15.41 | 14.48 | 15.15 | 15.54 | 16.20 | 17.62 |
| | 3H | 13.29 | 13.84 | 14.36 | 14.92 | 16.36 | 15.98 | 16.54 | 17.05 | 17.61 | 19.05 |
| | 4H | 13.56 | 14.07 | 14.64 | 15.14 | 16.60 | 16.51 | 17.02 | 17.58 | 18.09 | 19.55 |
| | 6H | 13.68 | 14.12 | 14.77 | 15.21 | 16.67 | 16.87 | 17.31 | 17.96 | 18.40 | 19.85 |
| | 8H | 13.69 | 14.09 | 14.77 | 15.18 | 16.65 | 16.98 | 17.38 | 18.06 | 18.47 | 19.94 |
| | 12H | 13.65 | 14.02 | 14.75 | 15.12 | 16.59 | 17.03 | 17.40 | 18.13 | 18.50 | 19.97 |
| 8H | 4H | 14.01 | 14.42 | 15.10 | 15.50 | 16.97 | 16.63 | 17.03 | 17.71 | 18.12 | 19.59 |
| | 6H | 14.27 | 14.60 | 15.38 | 15.73 | 17.20 | 17.06 | 17.40 | 18.17 | 18.52 | 19.99 |
| | 8H | 14.31 | 14.60 | 15.42 | 15.71 | 17.20 | 17.21 | 17.51 | 18.33 | 18.62 | 20.11 |
| | 12H | 14.29 | 14.55 | 15.41 | 15.66 | 17.18 | 17.31 | 17.57 | 18.43 | 18.67 | 20.20 |
| 12H | 4H | 14.01 | 14.38 | 15.12 | 15.48 | 16.96 | 16.59 | 16.95 | 17.69 | 18.05 | 19.53 |
| | 6H | 14.33 | 14.62 | 15.44 | 15.73 | 17.22 | 17.06 | 17.35 | 18.17 | 18.46 | 19.95 |
| | 8H | 14.39 | 14.65 | 15.51 | 15.76 | 17.28 | 17.22 | 17.48 | 18.34 | 18.58 | 20.11 |