

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: P935307

Luminaire Tested: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935307
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

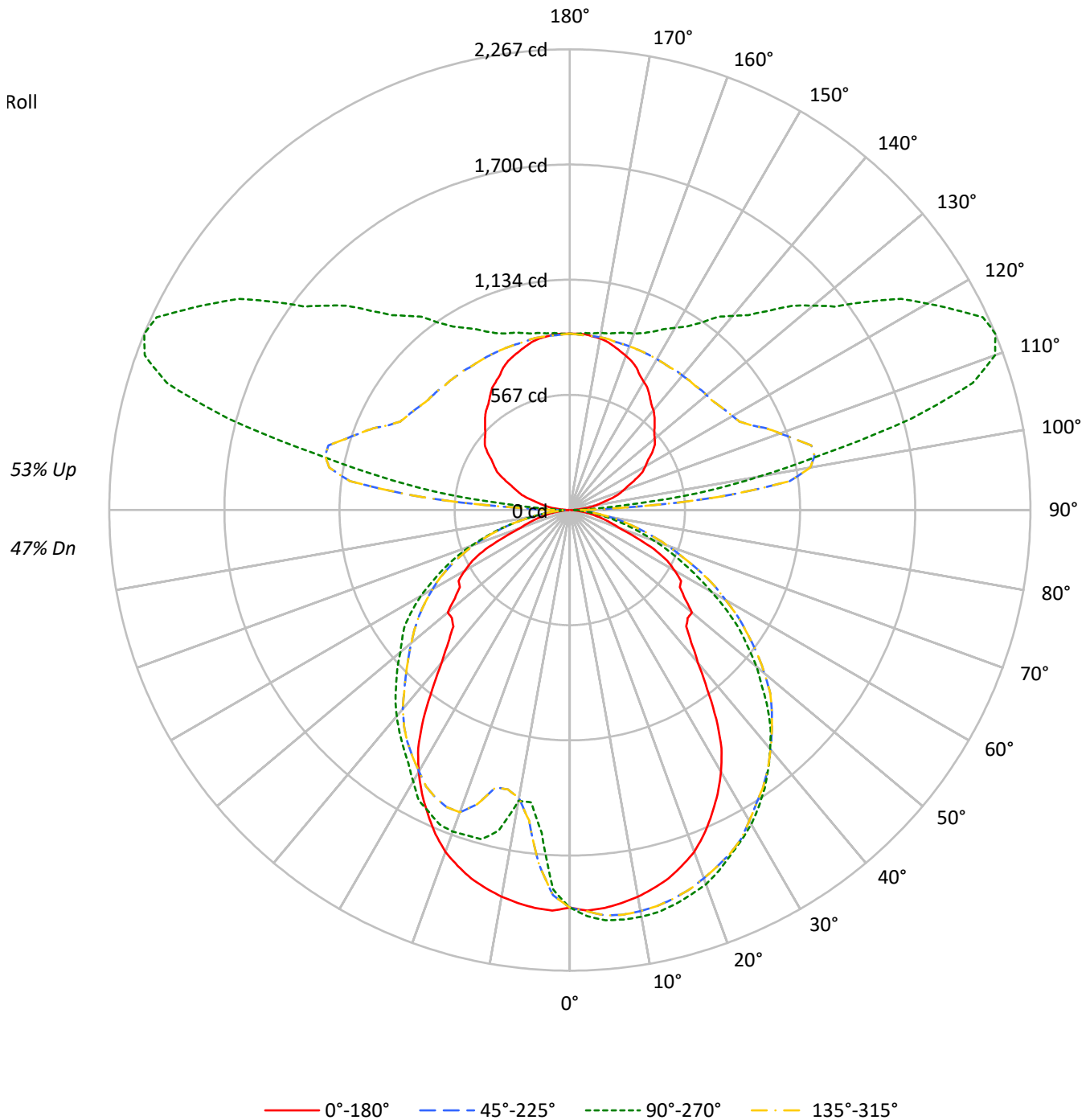
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10704.6 lumens
Efficiency: N/A
Efficacy: 123.0 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): 87
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: P935307
CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

Luminous Intensity Polar Plot





TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

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 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 | 47 | 47 | 47 | 47 |
| 1 | 97 | 93 | 89 | 86 | 89 | 86 | 82 | 79 | 72 | 70 | 67 | 59 | 58 | 56 | 48 | 47 | 46 | 40 | 40 | 40 | 40 |
| 2 | 89 | 81 | 75 | 70 | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 49 | 47 | 42 | 40 | 38 | 34 | 34 | 34 | 34 |
| 3 | 81 | 71 | 64 | 58 | 74 | 66 | 60 | 54 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 28 | 28 | 28 | 28 |
| 4 | 74 | 63 | 55 | 49 | 68 | 58 | 51 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 30 | 28 | 24 | 24 | 24 | 24 |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 39 | 44 | 39 | 34 | 37 | 33 | 29 | 30 | 27 | 24 | 21 | 21 | 21 | 21 |
| 6 | 62 | 50 | 42 | 36 | 57 | 47 | 39 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 21 | 19 | 19 | 19 | 19 |
| 7 | 58 | 45 | 37 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 25 | 21 | 19 | 16 | 16 | 16 | 16 |
| 8 | 53 | 41 | 33 | 28 | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 15 | 15 | 15 | 15 |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 15 | 13 | 13 | 13 | 13 |
| 10 | 46 | 34 | 27 | 22 | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 | 12 | 12 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 12103 | 12103 | 12103 | 12103 |
| 5° | 12188 | 12217 | 12188 | 9606 |
| 10° | 12103 | 12034 | 12103 | 8603 |
| 15° | 11966 | 11773 | 11966 | 9831 |
| 20° | 11712 | 11465 | 11712 | 9852 |
| 25° | 11194 | 11014 | 11194 | 9643 |
| 30° | 10528 | 10640 | 10528 | 9185 |
| 35° | 9382 | 10167 | 9382 | 8681 |
| 40° | 7813 | 9610 | 7813 | 8301 |
| 45° | 6976 | 8958 | 6976 | 7862 |
| 50° | 7405 | 8180 | 7405 | 7423 |
| 55° | 6961 | 7343 | 6961 | 7169 |
| 60° | 7167 | 6236 | 7167 | 6566 |
| 65° | 6488 | 5155 | 6488 | 5763 |
| 70° | 4481 | 4108 | 4481 | 4831 |
| 75° | 3915 | 3037 | 3915 | 3637 |
| 80° | 3131 | 2008 | 3131 | 2186 |
| 85° | 1765 | 1064 | 1765 | 905 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10699 cd/sqm



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 176.6 | 1.6 |
| 10°-20° | 501.4 | 4.7 |
| 20°-30° | 775.1 | 7.2 |
| 30°-40° | 925.3 | 8.6 |
| 40°-50° | 930.7 | 8.7 |
| 50°-60° | 809.8 | 7.6 |
| 60°-70° | 574.2 | 5.4 |
| 70°-80° | 303.8 | 2.8 |
| 80°-90° | 79.0 | 0.7 |
| 90°-100° | 423.2 | 4.0 |
| 100°-110° | 1112.7 | 10.4 |
| 110°-120° | 1153.8 | 10.8 |
| 120°-130° | 925.5 | 8.6 |
| 130°-140° | 726.2 | 6.8 |
| 140°-150° | 557.4 | 5.2 |
| 150°-160° | 401.4 | 3.7 |
| 160°-170° | 245.6 | 2.3 |
| 170°-180° | 83.0 | 0.8 |
| 0°-30° | 1453.1 | 13.6 |
| 0°-40° | 2378.4 | 22.2 |
| 0°-60° | 4118.9 | 38.5 |
| 0°-90° | 5075.9 | 47.4 |
| 90°-120° | 2689.7 | 25.1 |
| 90°-150° | 4898.7 | 45.8 |
| 90°-180° | 5629.0 | 52.6 |
| 0°-180° | 10704.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1956 | 1956 | 1956 | 1956 | 1956 | |
| 5° | 1966 | 2027 | 1966 | 1594 | 1966 | 186 |
| 15° | 1877 | 2008 | 1877 | 1677 | 1877 | 528 |
| 25° | 1653 | 1873 | 1653 | 1640 | 1653 | 759 |
| 35° | 1257 | 1671 | 1257 | 1427 | 1257 | 778 |
| 45° | 811 | 1377 | 811 | 1209 | 811 | 649 |
| 55° | 661 | 1016 | 661 | 992 | 661 | 607 |
| 65° | 459 | 613 | 459 | 685 | 459 | 439 |
| 75° | 174 | 291 | 174 | 348 | 174 | 183 |
| 85° | 30 | 74 | 30 | 63 | 30 | 40 |
| 90° | 6 | 22 | 6 | 22 | 6 | 6 |
| 95° | 56 | 256 | 56 | 256 | 56 | 62 |
| 105° | 200 | 1742 | 200 | 1742 | 200 | 212 |
| 115° | 356 | 2244 | 356 | 2244 | 356 | 352 |
| 125° | 495 | 1787 | 495 | 1787 | 495 | 440 |
| 135° | 590 | 1386 | 590 | 1386 | 590 | 457 |
| 145° | 685 | 1125 | 685 | 1125 | 685 | 429 |
| 155° | 774 | 968 | 774 | 968 | 774 | 356 |
| 165° | 835 | 902 | 835 | 902 | 835 | 236 |
| 175° | 868 | 874 | 868 | 874 | 868 | 82 |
| 180° | 868 | 868 | 868 | 868 | 868 | |



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 |
| 2.5° | 1973.1 | 1973.1 | 1984.2 | 1987.8 | 1987.8 | 1982.3 | 1976.7 | 1982.3 | 1998.9 | 2004.6 | 2002.7 |
| 5° | 1965.6 | 1980.5 | 2000.8 | 2004.6 | 2008.2 | 2006.3 | 2002.7 | 2006.3 | 2024.8 | 2028.6 | 2030.4 |
| 7.5° | 1950.8 | 1978.6 | 2004.6 | 2010.1 | 2015.6 | 2010.1 | 2008.2 | 2011.9 | 2030.4 | 2034.2 | 2034.2 |
| 10° | 1932.4 | 1971.2 | 2000.8 | 2004.6 | 2010.1 | 2004.6 | 2004.6 | 2011.9 | 2030.4 | 2034.2 | 2035.9 |
| 12.5° | 1906.4 | 1960.1 | 1987.8 | 1991.6 | 1998.9 | 1997.1 | 1995.2 | 2002.7 | 2021.2 | 2024.8 | 2024.8 |
| 15° | 1876.8 | 1939.7 | 1965.6 | 1969.3 | 1982.3 | 1978.6 | 1978.6 | 1986.0 | 2006.3 | 2011.9 | 2010.1 |
| 17.5° | 1836.1 | 1913.8 | 1943.5 | 1949.0 | 1958.2 | 1956.4 | 1958.2 | 1965.6 | 1984.2 | 1987.8 | 1989.7 |
| 20° | 1789.8 | 1878.6 | 1913.8 | 1919.4 | 1928.6 | 1928.6 | 1928.6 | 1937.9 | 1956.4 | 1963.8 | 1963.8 |
| 22.5° | 1726.9 | 1841.7 | 1878.6 | 1882.4 | 1893.5 | 1893.5 | 1897.1 | 1910.1 | 1926.7 | 1928.6 | 1928.6 |
| 25° | 1652.8 | 1800.9 | 1832.4 | 1843.4 | 1854.6 | 1860.2 | 1865.7 | 1873.1 | 1878.6 | 1876.8 | 1878.6 |
| 27.5° | 1575.1 | 1749.1 | 1789.8 | 1797.2 | 1812.1 | 1817.6 | 1824.9 | 1826.8 | 1828.7 | 1834.2 | 1830.5 |
| 30° | 1488.1 | 1676.9 | 1738.0 | 1745.4 | 1769.5 | 1773.1 | 1765.7 | 1769.5 | 1778.7 | 1782.4 | 1786.1 |
| 32.5° | 1390.0 | 1569.6 | 1684.3 | 1701.0 | 1723.1 | 1712.0 | 1710.2 | 1715.8 | 1730.6 | 1730.6 | 1734.3 |
| 35° | 1256.8 | 1486.3 | 1634.3 | 1649.2 | 1665.8 | 1652.8 | 1660.3 | 1662.1 | 1671.3 | 1676.9 | 1675.0 |
| 37.5° | 1110.5 | 1414.1 | 1582.5 | 1593.6 | 1606.6 | 1589.9 | 1601.0 | 1606.6 | 1614.0 | 1610.3 | 1610.3 |
| 40° | 981.0 | 1301.2 | 1521.4 | 1528.9 | 1540.0 | 1527.0 | 1538.1 | 1541.8 | 1545.5 | 1541.8 | 1540.0 |
| 42.5° | 884.7 | 1177.1 | 1456.7 | 1465.9 | 1458.5 | 1467.8 | 1471.4 | 1478.9 | 1473.3 | 1465.9 | 1465.9 |
| 45° | 810.7 | 1143.9 | 1386.3 | 1397.5 | 1386.3 | 1401.1 | 1406.7 | 1406.7 | 1390.0 | 1386.3 | 1384.5 |
| 47.5° | 786.6 | 1077.2 | 1316.0 | 1316.0 | 1310.4 | 1328.9 | 1338.1 | 1325.3 | 1308.5 | 1303.0 | 1303.0 |
| 50° | 784.7 | 1003.2 | 1219.7 | 1212.3 | 1238.2 | 1260.4 | 1251.2 | 1238.2 | 1225.3 | 1205.0 | 1205.0 |
| 52.5° | 712.5 | 912.5 | 1095.7 | 1123.5 | 1164.2 | 1177.1 | 1162.4 | 1149.4 | 1127.2 | 1117.9 | 1110.5 |
| 55° | 660.8 | 818.1 | 982.8 | 1038.3 | 1080.9 | 1097.5 | 1069.8 | 1056.8 | 1023.6 | 1018.0 | 1014.3 |
| 57.5° | 649.7 | 681.2 | 879.2 | 949.5 | 1001.3 | 999.5 | 982.8 | 958.8 | 931.0 | 925.4 | 923.6 |
| 60° | 596.0 | 492.3 | 768.1 | 851.4 | 905.0 | 899.5 | 884.7 | 862.5 | 836.6 | 832.9 | 829.2 |
| 62.5° | 540.4 | 357.3 | 642.2 | 736.6 | 812.6 | 810.7 | 797.7 | 764.4 | 745.9 | 736.6 | 729.3 |
| 65° | 459.1 | 299.8 | 457.2 | 612.6 | 721.9 | 725.5 | 697.8 | 673.7 | 653.3 | 642.2 | 640.4 |
| 67.5° | 349.8 | 244.3 | 309.1 | 510.8 | 634.8 | 631.2 | 596.0 | 584.9 | 559.0 | 553.4 | 542.3 |
| 70° | 259.1 | 162.9 | 214.7 | 414.6 | 549.8 | 540.4 | 512.7 | 499.8 | 475.7 | 462.7 | 455.3 |
| 72.5° | 214.7 | 131.4 | 157.3 | 322.0 | 462.7 | 451.6 | 427.6 | 412.7 | 392.4 | 381.3 | 373.9 |
| 75° | 174.0 | 138.8 | 120.3 | 238.7 | 375.7 | 368.4 | 346.1 | 331.3 | 314.7 | 299.8 | 301.7 |
| 77.5° | 127.7 | 129.5 | 96.2 | 175.9 | 297.9 | 286.9 | 273.9 | 255.4 | 248.0 | 233.2 | 233.2 |
| 80° | 96.2 | 101.8 | 72.2 | 120.3 | 214.7 | 214.7 | 203.6 | 190.6 | 177.6 | 170.3 | 170.3 |
| 82.5° | 64.8 | 64.8 | 53.7 | 75.8 | 146.3 | 140.7 | 133.3 | 129.5 | 122.2 | 118.4 | 118.4 |
| 85° | 29.6 | 37.0 | 33.3 | 46.2 | 79.6 | 83.3 | 83.3 | 79.6 | 77.7 | 74.1 | 75.8 |
| 87.5° | 9.2 | 16.6 | 20.4 | 25.9 | 40.7 | 42.6 | 44.5 | 44.5 | 44.5 | 46.2 | 46.2 |
| 90° | 5.8 | 10.5 | 15.1 | 16.3 | 25.7 | 38.1 | 44.3 | 39.3 | 29.5 | 22.1 | 22.1 |
| 92.5° | 23.4 | 63.0 | 102.6 | 112.5 | 158.1 | 218.9 | 249.4 | 218.6 | 156.9 | 110.7 | 106.3 |
| 95° | 55.9 | 128.4 | 201.0 | 219.1 | 389.1 | 615.7 | 729.0 | 650.5 | 493.5 | 375.8 | 362.5 |
| 97.5° | 96.8 | 160.7 | 224.7 | 240.7 | 524.1 | 902.0 | 1090.9 | 1041.3 | 942.1 | 867.7 | 842.3 |
| 100° | 128.2 | 186.2 | 244.2 | 258.7 | 573.2 | 992.5 | 1202.2 | 1205.8 | 1213.1 | 1218.5 | 1188.2 |
| 102.5° | 155.0 | 209.2 | 263.3 | 276.8 | 595.8 | 1021.0 | 1233.6 | 1296.9 | 1423.2 | 1518.0 | 1492.2 |
| 105° | 200.4 | 246.3 | 292.2 | 303.6 | 612.5 | 1024.3 | 1230.2 | 1371.9 | 1655.1 | 1867.6 | 1853.7 |
| 107.5° | 247.0 | 289.8 | 332.6 | 343.2 | 615.6 | 978.6 | 1160.2 | 1357.8 | 1753.0 | 2049.5 | 2052.8 |
| 110° | 278.5 | 317.1 | 355.8 | 365.4 | 610.9 | 938.3 | 1101.9 | 1322.8 | 1764.7 | 2096.1 | 2110.6 |



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 309.4 | 346.2 | 383.0 | 392.2 | 611.1 | 903.0 | 1048.9 | 1275.0 | 1727.2 | 2066.4 | 2088.6 |
| 115° | 356.0 | 389.9 | 423.8 | 432.3 | 616.7 | 862.5 | 985.4 | 1203.2 | 1638.9 | 1965.6 | 1996.5 |
| 117.5° | 402.1 | 432.9 | 463.7 | 471.4 | 628.1 | 837.1 | 941.7 | 1138.3 | 1531.4 | 1826.3 | 1860.5 |
| 120° | 428.9 | 457.9 | 486.9 | 494.2 | 637.5 | 828.6 | 924.2 | 1103.8 | 1463.0 | 1732.5 | 1765.7 |
| 122.5° | 455.1 | 484.4 | 513.7 | 521.0 | 650.9 | 824.2 | 910.8 | 1072.6 | 1396.0 | 1638.6 | 1671.5 |
| 125° | 495.3 | 522.0 | 548.7 | 555.4 | 669.0 | 820.5 | 896.3 | 1033.7 | 1308.4 | 1514.6 | 1544.8 |
| 127.5° | 528.0 | 554.9 | 581.9 | 588.6 | 687.1 | 818.4 | 884.0 | 1002.0 | 1237.9 | 1414.9 | 1440.4 |
| 130° | 545.5 | 574.5 | 603.5 | 610.7 | 700.3 | 819.7 | 879.4 | 984.3 | 1194.4 | 1352.0 | 1375.5 |
| 132.5° | 563.5 | 592.5 | 621.5 | 628.8 | 711.0 | 820.5 | 875.3 | 969.3 | 1157.3 | 1298.4 | 1319.5 |
| 135° | 590.3 | 616.7 | 643.2 | 649.8 | 722.6 | 819.7 | 868.2 | 947.0 | 1104.5 | 1222.6 | 1240.8 |
| 137.5° | 617.7 | 643.8 | 670.1 | 676.6 | 740.1 | 824.8 | 867.1 | 933.7 | 1066.8 | 1166.7 | 1181.5 |
| 140° | 640.4 | 664.5 | 688.6 | 694.6 | 750.7 | 825.6 | 863.0 | 920.6 | 1035.5 | 1121.7 | 1135.7 |
| 142.5° | 657.9 | 680.2 | 702.5 | 708.1 | 759.7 | 828.6 | 863.0 | 913.5 | 1014.5 | 1090.3 | 1102.2 |
| 145° | 684.7 | 704.1 | 723.6 | 728.4 | 771.4 | 828.6 | 857.2 | 898.5 | 981.2 | 1043.1 | 1052.2 |
| 147.5° | 711.5 | 730.4 | 749.3 | 754.0 | 788.4 | 834.2 | 857.2 | 889.7 | 954.7 | 1003.5 | 1011.0 |
| 150° | 729.0 | 746.1 | 763.2 | 767.5 | 797.4 | 837.2 | 857.2 | 884.7 | 939.5 | 980.7 | 986.8 |
| 152.5° | 747.1 | 760.1 | 773.0 | 776.2 | 803.2 | 839.2 | 857.2 | 880.7 | 927.6 | 962.7 | 967.3 |
| 155° | 773.9 | 783.4 | 793.0 | 795.4 | 816.0 | 843.5 | 857.2 | 875.9 | 913.2 | 941.1 | 944.2 |
| 157.5° | 793.7 | 803.1 | 812.3 | 814.6 | 828.8 | 847.8 | 857.2 | 871.7 | 900.7 | 922.5 | 924.7 |
| 160° | 807.1 | 814.4 | 821.6 | 823.4 | 834.7 | 849.8 | 857.2 | 869.6 | 894.5 | 913.2 | 914.4 |
| 162.5° | 820.5 | 825.9 | 831.4 | 832.8 | 840.9 | 851.8 | 857.2 | 867.7 | 888.7 | 904.4 | 905.5 |
| 165° | 835.1 | 839.9 | 844.9 | 846.1 | 849.8 | 854.8 | 857.2 | 864.7 | 879.7 | 891.0 | 892.3 |
| 167.5° | 848.4 | 850.8 | 853.1 | 853.7 | 856.8 | 861.0 | 863.0 | 868.0 | 877.8 | 885.2 | 885.7 |
| 170° | 857.2 | 859.6 | 861.9 | 862.5 | 862.6 | 862.9 | 863.0 | 868.0 | 877.8 | 885.2 | 885.2 |
| 172.5° | 861.9 | 862.4 | 862.9 | 863.0 | 863.0 | 863.0 | 863.0 | 866.9 | 874.7 | 880.5 | 880.0 |
| 175° | 868.2 | 868.2 | 868.2 | 868.2 | 866.5 | 864.1 | 863.0 | 865.4 | 870.4 | 874.1 | 874.1 |
| 177.5° | 868.2 | 868.2 | 868.2 | 868.2 | 866.9 | 865.2 | 864.2 | 866.2 | 870.0 | 872.9 | 872.4 |
| 180° | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 |



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 |
| 2.5° | 2006.3 | 2000.8 | 2006.3 | 2002.7 | 2004.6 | 1998.9 | 1982.3 | 1976.7 | 1982.3 | 1987.8 | 1987.8 |
| 5° | 2030.4 | 2026.7 | 2030.4 | 2030.4 | 2028.6 | 2024.8 | 2006.3 | 2002.7 | 2006.3 | 2008.2 | 2004.6 |
| 7.5° | 2037.8 | 2032.3 | 2037.8 | 2034.2 | 2034.2 | 2030.4 | 2011.9 | 2008.2 | 2010.1 | 2015.6 | 2010.1 |
| 10° | 2037.8 | 2032.3 | 2037.8 | 2035.9 | 2034.2 | 2030.4 | 2011.9 | 2004.6 | 2004.6 | 2010.1 | 2004.6 |
| 12.5° | 2028.6 | 2024.8 | 2028.6 | 2024.8 | 2024.8 | 2021.2 | 2002.7 | 1995.2 | 1997.1 | 1998.9 | 1991.6 |
| 15° | 2013.8 | 2008.2 | 2013.8 | 2010.1 | 2011.9 | 2006.3 | 1986.0 | 1978.6 | 1978.6 | 1982.3 | 1969.3 |
| 17.5° | 1991.6 | 1984.2 | 1991.6 | 1989.7 | 1987.8 | 1984.2 | 1965.6 | 1958.2 | 1956.4 | 1958.2 | 1949.0 |
| 20° | 1965.6 | 1960.1 | 1965.6 | 1963.8 | 1963.8 | 1956.4 | 1937.9 | 1928.6 | 1928.6 | 1928.6 | 1919.4 |
| 22.5° | 1924.9 | 1919.4 | 1924.9 | 1928.6 | 1928.6 | 1926.7 | 1910.1 | 1897.1 | 1893.5 | 1893.5 | 1882.4 |
| 25° | 1878.6 | 1873.1 | 1878.6 | 1878.6 | 1876.8 | 1878.6 | 1873.1 | 1865.7 | 1860.2 | 1854.6 | 1843.4 |
| 27.5° | 1834.2 | 1830.5 | 1834.2 | 1830.5 | 1834.2 | 1828.7 | 1826.8 | 1824.9 | 1817.6 | 1812.1 | 1797.2 |
| 30° | 1789.8 | 1786.1 | 1789.8 | 1786.1 | 1782.4 | 1778.7 | 1769.5 | 1765.7 | 1773.1 | 1769.5 | 1745.4 |
| 32.5° | 1734.3 | 1730.6 | 1734.3 | 1734.3 | 1730.6 | 1730.6 | 1715.8 | 1710.2 | 1712.0 | 1723.1 | 1701.0 |
| 35° | 1676.9 | 1671.3 | 1676.9 | 1675.0 | 1676.9 | 1671.3 | 1662.1 | 1660.3 | 1652.8 | 1665.8 | 1649.2 |
| 37.5° | 1610.3 | 1604.7 | 1610.3 | 1610.3 | 1610.3 | 1614.0 | 1606.6 | 1601.0 | 1589.9 | 1606.6 | 1593.6 |
| 40° | 1541.8 | 1534.4 | 1541.8 | 1540.0 | 1541.8 | 1545.5 | 1541.8 | 1538.1 | 1527.0 | 1540.0 | 1528.9 |
| 42.5° | 1464.0 | 1462.2 | 1464.0 | 1465.9 | 1465.9 | 1473.3 | 1478.9 | 1471.4 | 1467.8 | 1458.5 | 1465.9 |
| 45° | 1380.7 | 1377.1 | 1380.7 | 1384.5 | 1386.3 | 1390.0 | 1406.7 | 1406.7 | 1401.1 | 1386.3 | 1397.5 |
| 47.5° | 1291.9 | 1282.7 | 1291.9 | 1303.0 | 1303.0 | 1308.5 | 1325.3 | 1338.1 | 1328.9 | 1310.4 | 1316.0 |
| 50° | 1197.5 | 1199.3 | 1197.5 | 1205.0 | 1205.0 | 1225.3 | 1238.2 | 1251.2 | 1260.4 | 1238.2 | 1212.3 |
| 52.5° | 1105.0 | 1103.1 | 1105.0 | 1110.5 | 1117.9 | 1127.2 | 1149.4 | 1162.4 | 1177.1 | 1164.2 | 1123.5 |
| 55° | 1012.5 | 1016.1 | 1012.5 | 1014.3 | 1018.0 | 1023.6 | 1056.8 | 1069.8 | 1097.5 | 1080.9 | 1038.3 |
| 57.5° | 919.9 | 914.3 | 919.9 | 923.6 | 925.4 | 931.0 | 958.8 | 982.8 | 999.5 | 1001.3 | 949.5 |
| 60° | 812.6 | 805.1 | 812.6 | 829.2 | 832.9 | 836.6 | 862.5 | 884.7 | 899.5 | 905.0 | 851.4 |
| 62.5° | 718.2 | 705.2 | 718.2 | 729.3 | 736.6 | 745.9 | 764.4 | 797.7 | 810.7 | 812.6 | 736.6 |
| 65° | 618.2 | 612.6 | 618.2 | 640.4 | 642.2 | 653.3 | 673.7 | 697.8 | 725.5 | 721.9 | 612.6 |
| 67.5° | 527.5 | 527.5 | 527.5 | 542.3 | 553.4 | 559.0 | 584.9 | 596.0 | 631.2 | 634.8 | 510.8 |
| 70° | 444.2 | 442.3 | 444.2 | 455.3 | 462.7 | 475.7 | 499.8 | 512.7 | 540.4 | 549.8 | 414.6 |
| 72.5° | 364.6 | 362.8 | 364.6 | 373.9 | 381.3 | 392.4 | 412.7 | 427.6 | 451.6 | 462.7 | 322.0 |
| 75° | 294.3 | 290.6 | 294.3 | 301.7 | 299.8 | 314.7 | 331.3 | 346.1 | 368.4 | 375.7 | 238.7 |
| 77.5° | 225.8 | 225.8 | 225.8 | 233.2 | 233.2 | 248.0 | 255.4 | 273.9 | 286.9 | 297.9 | 175.9 |
| 80° | 168.4 | 166.6 | 168.4 | 170.3 | 170.3 | 177.6 | 190.6 | 203.6 | 214.7 | 214.7 | 120.3 |
| 82.5° | 118.4 | 114.8 | 118.4 | 118.4 | 118.4 | 122.2 | 129.5 | 133.3 | 140.7 | 146.3 | 75.8 |
| 85° | 74.1 | 74.1 | 74.1 | 75.8 | 74.1 | 77.7 | 79.6 | 83.3 | 83.3 | 79.6 | 46.2 |
| 87.5° | 48.1 | 46.2 | 48.1 | 46.2 | 46.2 | 44.5 | 44.5 | 44.5 | 42.6 | 40.7 | 25.9 |
| 90° | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 29.5 | 39.3 | 44.3 | 38.1 | 25.7 | 16.3 |
| 92.5° | 88.6 | 71.1 | 88.6 | 106.3 | 110.7 | 156.9 | 218.6 | 249.4 | 218.9 | 158.1 | 112.5 |
| 95° | 309.2 | 255.8 | 309.2 | 362.5 | 375.8 | 493.5 | 650.5 | 729.0 | 615.7 | 389.1 | 219.1 |
| 97.5° | 740.8 | 639.2 | 740.8 | 842.3 | 867.7 | 942.1 | 1041.3 | 1090.9 | 902.0 | 524.1 | 240.7 |
| 100° | 1067.3 | 946.3 | 1067.3 | 1188.2 | 1218.5 | 1213.1 | 1205.8 | 1202.2 | 992.5 | 573.2 | 258.7 |
| 102.5° | 1388.5 | 1284.9 | 1388.5 | 1492.2 | 1518.0 | 1423.2 | 1296.9 | 1233.6 | 1021.0 | 595.8 | 276.8 |
| 105° | 1798.0 | 1742.4 | 1798.0 | 1853.7 | 1867.6 | 1655.1 | 1371.9 | 1230.2 | 1024.3 | 612.5 | 303.6 |
| 107.5° | 2066.4 | 2079.8 | 2066.4 | 2052.8 | 2049.5 | 1753.0 | 1357.8 | 1160.2 | 978.6 | 615.6 | 343.2 |
| 110° | 2168.7 | 2226.7 | 2168.7 | 2110.6 | 2096.1 | 1764.7 | 1322.8 | 1101.9 | 938.3 | 610.9 | 365.4 |



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|
| 112.5° | 2177.7 | 2266.8 | 2177.7 | 2088.6 | 2066.4 | 1727.2 | 1275.0 | 1048.9 | 903.0 | 611.1 | 392.2 |
| 115° | 2120.0 | 2243.6 | 2120.0 | 1996.5 | 1965.6 | 1638.9 | 1203.2 | 985.4 | 862.5 | 616.7 | 432.3 |
| 117.5° | 1997.5 | 2134.6 | 1997.5 | 1860.5 | 1826.3 | 1531.4 | 1138.3 | 941.7 | 837.1 | 628.1 | 471.4 |
| 120° | 1898.9 | 2032.0 | 1898.9 | 1765.7 | 1732.5 | 1463.0 | 1103.8 | 924.2 | 828.6 | 637.5 | 494.2 |
| 122.5° | 1802.8 | 1934.1 | 1802.8 | 1671.5 | 1638.6 | 1396.0 | 1072.6 | 910.8 | 824.2 | 650.9 | 521.0 |
| 125° | 1665.7 | 1786.6 | 1665.7 | 1544.8 | 1514.6 | 1308.4 | 1033.7 | 896.3 | 820.5 | 669.0 | 555.4 |
| 127.5° | 1542.5 | 1644.5 | 1542.5 | 1440.4 | 1414.9 | 1237.9 | 1002.0 | 884.0 | 818.4 | 687.1 | 588.6 |
| 130° | 1469.8 | 1564.1 | 1469.8 | 1375.5 | 1352.0 | 1194.4 | 984.3 | 879.4 | 819.7 | 700.3 | 610.7 |
| 132.5° | 1403.9 | 1488.3 | 1403.9 | 1319.5 | 1298.4 | 1157.3 | 969.3 | 875.3 | 820.5 | 711.0 | 628.8 |
| 135° | 1313.6 | 1386.3 | 1313.6 | 1240.8 | 1222.6 | 1104.5 | 947.0 | 868.2 | 819.7 | 722.6 | 649.8 |
| 137.5° | 1241.1 | 1300.7 | 1241.1 | 1181.5 | 1166.7 | 1066.8 | 933.7 | 867.1 | 824.8 | 740.1 | 676.6 |
| 140° | 1191.4 | 1247.1 | 1191.4 | 1135.7 | 1121.7 | 1035.5 | 920.6 | 863.0 | 825.6 | 750.7 | 694.6 |
| 142.5° | 1150.2 | 1198.1 | 1150.2 | 1102.2 | 1090.3 | 1014.5 | 913.5 | 863.0 | 828.6 | 759.7 | 708.1 |
| 145° | 1088.5 | 1124.7 | 1088.5 | 1052.2 | 1043.1 | 981.2 | 898.5 | 857.2 | 828.6 | 771.4 | 728.4 |
| 147.5° | 1041.0 | 1071.1 | 1041.0 | 1011.0 | 1003.5 | 954.7 | 889.7 | 857.2 | 834.2 | 788.4 | 754.0 |
| 150° | 1011.1 | 1035.5 | 1011.1 | 986.8 | 980.7 | 939.5 | 884.7 | 857.2 | 837.2 | 797.4 | 767.5 |
| 152.5° | 985.7 | 1004.0 | 985.7 | 967.3 | 962.7 | 927.6 | 880.7 | 857.2 | 839.2 | 803.2 | 776.2 |
| 155° | 956.3 | 968.5 | 956.3 | 944.2 | 941.1 | 913.2 | 875.9 | 857.2 | 843.5 | 816.0 | 795.4 |
| 157.5° | 933.2 | 941.7 | 933.2 | 924.7 | 922.5 | 900.7 | 871.7 | 857.2 | 847.8 | 828.8 | 814.6 |
| 160° | 919.3 | 924.2 | 919.3 | 914.4 | 913.2 | 894.5 | 869.6 | 857.2 | 849.8 | 834.7 | 823.4 |
| 162.5° | 910.2 | 914.9 | 910.2 | 905.5 | 904.4 | 888.7 | 867.7 | 857.2 | 851.8 | 840.9 | 832.8 |
| 165° | 897.2 | 902.1 | 897.2 | 892.3 | 891.0 | 879.7 | 864.7 | 857.2 | 854.8 | 849.8 | 846.1 |
| 167.5° | 887.8 | 889.8 | 887.8 | 885.7 | 885.2 | 877.8 | 868.0 | 863.0 | 861.0 | 856.8 | 853.7 |
| 170° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 877.8 | 868.0 | 863.0 | 862.9 | 862.6 | 862.5 |
| 172.5° | 878.2 | 876.5 | 878.2 | 880.0 | 880.5 | 874.7 | 866.9 | 863.0 | 863.0 | 863.0 | 863.0 |
| 175° | 874.1 | 874.1 | 874.1 | 874.1 | 874.1 | 870.4 | 865.4 | 863.0 | 864.1 | 866.5 | 868.2 |
| 177.5° | 870.3 | 868.2 | 870.3 | 872.4 | 872.9 | 870.0 | 866.2 | 864.2 | 865.2 | 866.9 | 868.2 |
| 180° | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 |



TEST NUMBER: P935307
 CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 |
| 2.5° | 1984.2 | 1973.1 | 1973.1 | 1954.5 | 1947.1 | 1941.6 | 1932.4 | 1904.5 | 1897.1 | 1889.8 | 1900.9 |
| 5° | 2000.8 | 1980.5 | 1965.6 | 1932.4 | 1904.5 | 1893.5 | 1858.3 | 1791.7 | 1747.2 | 1713.9 | 1695.4 |
| 7.5° | 2004.6 | 1978.6 | 1950.8 | 1899.0 | 1832.4 | 1802.7 | 1695.4 | 1573.2 | 1540.0 | 1510.3 | 1491.8 |
| 10° | 2000.8 | 1971.2 | 1932.4 | 1854.6 | 1697.3 | 1645.4 | 1538.1 | 1458.5 | 1438.2 | 1432.6 | 1438.2 |
| 12.5° | 1987.8 | 1960.1 | 1906.4 | 1776.8 | 1556.6 | 1521.4 | 1458.5 | 1412.2 | 1408.6 | 1417.8 | 1467.8 |
| 15° | 1965.6 | 1939.7 | 1876.8 | 1673.2 | 1478.9 | 1452.9 | 1408.6 | 1391.8 | 1412.2 | 1477.0 | 1626.9 |
| 17.5° | 1943.5 | 1913.8 | 1836.1 | 1571.4 | 1419.6 | 1401.1 | 1369.6 | 1403.0 | 1517.8 | 1604.7 | 1654.7 |
| 20° | 1913.8 | 1878.6 | 1789.8 | 1497.4 | 1377.1 | 1360.4 | 1345.6 | 1495.5 | 1582.5 | 1614.0 | 1641.7 |
| 22.5° | 1878.6 | 1841.7 | 1726.9 | 1445.6 | 1332.6 | 1319.6 | 1328.9 | 1547.4 | 1582.5 | 1604.7 | 1628.8 |
| 25° | 1832.4 | 1800.9 | 1652.8 | 1404.8 | 1297.5 | 1282.7 | 1317.9 | 1541.8 | 1562.1 | 1567.7 | 1615.8 |
| 27.5° | 1789.8 | 1749.1 | 1575.1 | 1367.8 | 1254.9 | 1249.3 | 1327.1 | 1517.8 | 1532.5 | 1538.1 | 1589.9 |
| 30° | 1738.0 | 1676.9 | 1488.1 | 1328.9 | 1210.5 | 1208.6 | 1328.9 | 1488.1 | 1484.4 | 1499.3 | 1551.0 |
| 32.5° | 1684.3 | 1569.6 | 1390.0 | 1280.8 | 1167.9 | 1166.1 | 1316.0 | 1443.7 | 1439.9 | 1460.3 | 1499.3 |
| 35° | 1634.3 | 1486.3 | 1256.8 | 1225.3 | 1114.3 | 1116.0 | 1284.5 | 1391.8 | 1393.7 | 1412.2 | 1436.3 |
| 37.5° | 1582.5 | 1414.1 | 1110.5 | 1164.2 | 1062.4 | 1062.4 | 1241.9 | 1343.7 | 1340.0 | 1345.6 | 1378.9 |
| 40° | 1521.4 | 1301.2 | 981.0 | 1084.7 | 1014.3 | 1008.7 | 1190.1 | 1291.9 | 1278.9 | 1277.2 | 1323.4 |
| 42.5° | 1456.7 | 1177.1 | 884.7 | 979.1 | 958.8 | 951.4 | 1127.2 | 1229.0 | 1205.0 | 1210.5 | 1269.7 |
| 45° | 1386.3 | 1143.9 | 810.7 | 827.3 | 901.4 | 895.8 | 1058.7 | 1156.8 | 1140.1 | 1155.0 | 1216.1 |
| 47.5° | 1316.0 | 1077.2 | 786.6 | 686.7 | 840.3 | 838.5 | 982.8 | 1086.4 | 1077.2 | 1092.0 | 1156.8 |
| 50° | 1219.7 | 1003.2 | 784.7 | 588.6 | 771.9 | 779.2 | 892.2 | 1018.0 | 1018.0 | 1030.9 | 1099.4 |
| 52.5° | 1095.7 | 912.5 | 712.5 | 533.0 | 692.2 | 714.4 | 812.6 | 958.8 | 962.5 | 975.4 | 1036.5 |
| 55° | 982.8 | 818.1 | 660.8 | 490.4 | 597.9 | 646.0 | 734.8 | 897.7 | 905.0 | 918.0 | 973.6 |
| 57.5° | 879.2 | 681.2 | 649.7 | 440.5 | 510.8 | 557.1 | 666.3 | 838.5 | 842.2 | 853.3 | 906.9 |
| 60° | 768.1 | 492.3 | 596.0 | 386.9 | 435.0 | 470.1 | 603.4 | 768.1 | 781.1 | 788.5 | 834.7 |
| 62.5° | 642.2 | 357.3 | 540.4 | 349.8 | 398.0 | 405.4 | 551.5 | 701.5 | 718.2 | 723.7 | 751.5 |
| 65° | 457.2 | 299.8 | 459.1 | 318.3 | 359.0 | 360.9 | 496.0 | 633.0 | 647.8 | 657.1 | 677.4 |
| 67.5° | 309.1 | 244.3 | 349.8 | 288.7 | 329.4 | 331.3 | 442.3 | 553.4 | 573.8 | 581.1 | 594.1 |
| 70° | 214.7 | 162.9 | 259.1 | 257.3 | 296.2 | 299.8 | 385.0 | 481.2 | 499.8 | 505.3 | 512.7 |
| 72.5° | 157.3 | 131.4 | 214.7 | 231.4 | 261.0 | 264.7 | 325.8 | 399.8 | 418.3 | 423.8 | 427.6 |
| 75° | 120.3 | 138.8 | 174.0 | 201.7 | 222.1 | 224.0 | 266.6 | 325.8 | 338.7 | 342.4 | 344.3 |
| 77.5° | 96.2 | 129.5 | 127.7 | 162.9 | 181.4 | 177.6 | 209.1 | 251.7 | 262.8 | 262.8 | 262.8 |
| 80° | 72.2 | 101.8 | 96.2 | 116.6 | 133.3 | 129.5 | 149.9 | 179.5 | 183.3 | 186.9 | 185.1 |
| 82.5° | 53.7 | 64.8 | 64.8 | 74.1 | 88.8 | 85.2 | 99.9 | 116.6 | 116.6 | 116.6 | 120.3 |
| 85° | 33.3 | 37.0 | 29.6 | 38.9 | 50.0 | 48.1 | 55.6 | 63.0 | 64.8 | 64.8 | 61.1 |
| 87.5° | 20.4 | 16.6 | 9.2 | 14.9 | 22.2 | 22.2 | 25.9 | 27.7 | 25.9 | 25.9 | 25.9 |
| 90° | 15.1 | 10.5 | 5.8 | 10.5 | 15.1 | 16.3 | 25.7 | 38.1 | 44.3 | 39.3 | 29.5 |
| 92.5° | 102.6 | 63.0 | 23.4 | 63.0 | 102.6 | 112.5 | 158.1 | 218.9 | 249.4 | 218.6 | 156.9 |
| 95° | 201.0 | 128.4 | 55.9 | 128.4 | 201.0 | 219.1 | 389.1 | 615.7 | 729.0 | 650.5 | 493.5 |
| 97.5° | 224.7 | 160.7 | 96.8 | 160.7 | 224.7 | 240.7 | 524.1 | 902.0 | 1090.9 | 1041.3 | 942.1 |
| 100° | 244.2 | 186.2 | 128.2 | 186.2 | 244.2 | 258.7 | 573.2 | 992.5 | 1202.2 | 1205.8 | 1213.1 |
| 102.5° | 263.3 | 209.2 | 155.0 | 209.2 | 263.3 | 276.8 | 595.8 | 1021.0 | 1233.6 | 1296.9 | 1423.2 |
| 105° | 292.2 | 246.3 | 200.4 | 246.3 | 292.2 | 303.6 | 612.5 | 1024.3 | 1230.2 | 1371.9 | 1655.1 |
| 107.5° | 332.6 | 289.8 | 247.0 | 289.8 | 332.6 | 343.2 | 615.6 | 978.6 | 1160.2 | 1357.8 | 1753.0 |
| 110° | 355.8 | 317.1 | 278.5 | 317.1 | 355.8 | 365.4 | 610.9 | 938.3 | 1101.9 | 1322.8 | 1764.7 |



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|--------|--------|--------|
| 112.5° | 383.0 | 346.2 | 309.4 | 346.2 | 383.0 | 392.2 | 611.1 | 903.0 | 1048.9 | 1275.0 | 1727.2 |
| 115° | 423.8 | 389.9 | 356.0 | 389.9 | 423.8 | 432.3 | 616.7 | 862.5 | 985.4 | 1203.2 | 1638.9 |
| 117.5° | 463.7 | 432.9 | 402.1 | 432.9 | 463.7 | 471.4 | 628.1 | 837.1 | 941.7 | 1138.3 | 1531.4 |
| 120° | 486.9 | 457.9 | 428.9 | 457.9 | 486.9 | 494.2 | 637.5 | 828.6 | 924.2 | 1103.8 | 1463.0 |
| 122.5° | 513.7 | 484.4 | 455.1 | 484.4 | 513.7 | 521.0 | 650.9 | 824.2 | 910.8 | 1072.6 | 1396.0 |
| 125° | 548.7 | 522.0 | 495.3 | 522.0 | 548.7 | 555.4 | 669.0 | 820.5 | 896.3 | 1033.7 | 1308.4 |
| 127.5° | 581.9 | 554.9 | 528.0 | 554.9 | 581.9 | 588.6 | 687.1 | 818.4 | 884.0 | 1002.0 | 1237.9 |
| 130° | 603.5 | 574.5 | 545.5 | 574.5 | 603.5 | 610.7 | 700.3 | 819.7 | 879.4 | 984.3 | 1194.4 |
| 132.5° | 621.5 | 592.5 | 563.5 | 592.5 | 621.5 | 628.8 | 711.0 | 820.5 | 875.3 | 969.3 | 1157.3 |
| 135° | 643.2 | 616.7 | 590.3 | 616.7 | 643.2 | 649.8 | 722.6 | 819.7 | 868.2 | 947.0 | 1104.5 |
| 137.5° | 670.1 | 643.8 | 617.7 | 643.8 | 670.1 | 676.6 | 740.1 | 824.8 | 867.1 | 933.7 | 1066.8 |
| 140° | 688.6 | 664.5 | 640.4 | 664.5 | 688.6 | 694.6 | 750.7 | 825.6 | 863.0 | 920.6 | 1035.5 |
| 142.5° | 702.5 | 680.2 | 657.9 | 680.2 | 702.5 | 708.1 | 759.7 | 828.6 | 863.0 | 913.5 | 1014.5 |
| 145° | 723.6 | 704.1 | 684.7 | 704.1 | 723.6 | 728.4 | 771.4 | 828.6 | 857.2 | 898.5 | 981.2 |
| 147.5° | 749.3 | 730.4 | 711.5 | 730.4 | 749.3 | 754.0 | 788.4 | 834.2 | 857.2 | 889.7 | 954.7 |
| 150° | 763.2 | 746.1 | 729.0 | 746.1 | 763.2 | 767.5 | 797.4 | 837.2 | 857.2 | 884.7 | 939.5 |
| 152.5° | 773.0 | 760.1 | 747.1 | 760.1 | 773.0 | 776.2 | 803.2 | 839.2 | 857.2 | 880.7 | 927.6 |
| 155° | 793.0 | 783.4 | 773.9 | 783.4 | 793.0 | 795.4 | 816.0 | 843.5 | 857.2 | 875.9 | 913.2 |
| 157.5° | 812.3 | 803.1 | 793.7 | 803.1 | 812.3 | 814.6 | 828.8 | 847.8 | 857.2 | 871.7 | 900.7 |
| 160° | 821.6 | 814.4 | 807.1 | 814.4 | 821.6 | 823.4 | 834.7 | 849.8 | 857.2 | 869.6 | 894.5 |
| 162.5° | 831.4 | 825.9 | 820.5 | 825.9 | 831.4 | 832.8 | 840.9 | 851.8 | 857.2 | 867.7 | 888.7 |
| 165° | 844.9 | 839.9 | 835.1 | 839.9 | 844.9 | 846.1 | 849.8 | 854.8 | 857.2 | 864.7 | 879.7 |
| 167.5° | 853.1 | 850.8 | 848.4 | 850.8 | 853.1 | 853.7 | 856.8 | 861.0 | 863.0 | 868.0 | 877.8 |
| 170° | 861.9 | 859.6 | 857.2 | 859.6 | 861.9 | 862.5 | 862.6 | 862.9 | 863.0 | 868.0 | 877.8 |
| 172.5° | 862.9 | 862.4 | 861.9 | 862.4 | 862.9 | 863.0 | 863.0 | 863.0 | 863.0 | 866.9 | 874.7 |
| 175° | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 866.5 | 864.1 | 863.0 | 865.4 | 870.4 |
| 177.5° | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 866.9 | 865.2 | 864.2 | 866.2 | 870.0 |
| 180° | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 |



TEST NUMBER: P935307
 CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 |
| 2.5° | 1887.9 | 1882.4 | 1889.8 | 1869.4 | 1889.8 | 1882.4 | 1887.9 | 1900.9 | 1889.8 | 1897.1 | 1904.5 |
| 5° | 1656.5 | 1647.3 | 1617.7 | 1593.6 | 1617.7 | 1647.3 | 1656.5 | 1695.4 | 1713.9 | 1747.2 | 1791.7 |
| 7.5° | 1480.7 | 1473.3 | 1465.9 | 1451.1 | 1465.9 | 1473.3 | 1480.7 | 1491.8 | 1510.3 | 1540.0 | 1573.2 |
| 10° | 1441.8 | 1443.7 | 1454.8 | 1452.9 | 1454.8 | 1443.7 | 1441.8 | 1438.2 | 1432.6 | 1438.2 | 1458.5 |
| 12.5° | 1541.8 | 1558.5 | 1619.6 | 1615.8 | 1619.6 | 1558.5 | 1541.8 | 1467.8 | 1417.8 | 1408.6 | 1412.2 |
| 15° | 1656.5 | 1662.1 | 1675.0 | 1676.9 | 1675.0 | 1662.1 | 1656.5 | 1626.9 | 1477.0 | 1412.2 | 1391.8 |
| 17.5° | 1667.7 | 1669.5 | 1678.8 | 1678.8 | 1678.8 | 1669.5 | 1667.7 | 1654.7 | 1604.7 | 1517.8 | 1403.0 |
| 20° | 1658.4 | 1662.1 | 1680.6 | 1684.3 | 1680.6 | 1662.1 | 1658.4 | 1641.7 | 1614.0 | 1582.5 | 1495.5 |
| 22.5° | 1654.7 | 1662.1 | 1676.9 | 1675.0 | 1676.9 | 1662.1 | 1654.7 | 1628.8 | 1604.7 | 1582.5 | 1547.4 |
| 25° | 1636.2 | 1636.2 | 1638.0 | 1639.9 | 1638.0 | 1636.2 | 1636.2 | 1615.8 | 1567.7 | 1562.1 | 1541.8 |
| 27.5° | 1597.3 | 1601.0 | 1612.1 | 1610.3 | 1612.1 | 1601.0 | 1597.3 | 1589.9 | 1538.1 | 1532.5 | 1517.8 |
| 30° | 1562.1 | 1558.5 | 1549.2 | 1541.8 | 1549.2 | 1558.5 | 1562.1 | 1551.0 | 1499.3 | 1484.4 | 1488.1 |
| 32.5° | 1502.9 | 1493.7 | 1484.4 | 1478.9 | 1484.4 | 1493.7 | 1502.9 | 1499.3 | 1460.3 | 1439.9 | 1443.7 |
| 35° | 1432.6 | 1434.4 | 1432.6 | 1427.1 | 1432.6 | 1434.4 | 1432.6 | 1436.3 | 1412.2 | 1393.7 | 1391.8 |
| 37.5° | 1382.6 | 1386.3 | 1384.5 | 1377.1 | 1384.5 | 1386.3 | 1382.6 | 1378.9 | 1345.6 | 1340.0 | 1343.7 |
| 40° | 1330.8 | 1332.6 | 1330.8 | 1325.3 | 1330.8 | 1332.6 | 1330.8 | 1323.4 | 1277.2 | 1278.9 | 1291.9 |
| 42.5° | 1280.8 | 1278.9 | 1273.4 | 1269.7 | 1273.4 | 1278.9 | 1280.8 | 1269.7 | 1210.5 | 1205.0 | 1229.0 |
| 45° | 1223.4 | 1225.3 | 1214.2 | 1208.6 | 1214.2 | 1225.3 | 1223.4 | 1216.1 | 1155.0 | 1140.1 | 1156.8 |
| 47.5° | 1166.1 | 1166.1 | 1156.8 | 1151.2 | 1156.8 | 1166.1 | 1166.1 | 1156.8 | 1092.0 | 1077.2 | 1086.4 |
| 50° | 1105.0 | 1103.1 | 1090.2 | 1088.3 | 1090.2 | 1103.1 | 1105.0 | 1099.4 | 1030.9 | 1018.0 | 1018.0 |
| 52.5° | 1034.7 | 1034.7 | 1036.5 | 1040.2 | 1036.5 | 1034.7 | 1034.7 | 1036.5 | 975.4 | 962.5 | 958.8 |
| 55° | 973.6 | 975.4 | 988.4 | 992.1 | 988.4 | 975.4 | 973.6 | 973.6 | 918.0 | 905.0 | 897.7 |
| 57.5° | 910.6 | 910.6 | 919.9 | 919.9 | 919.9 | 910.6 | 910.6 | 906.9 | 853.3 | 842.2 | 838.5 |
| 60° | 838.5 | 842.2 | 849.6 | 847.7 | 849.6 | 842.2 | 838.5 | 834.7 | 788.5 | 781.1 | 768.1 |
| 62.5° | 762.5 | 766.3 | 768.1 | 764.4 | 768.1 | 766.3 | 762.5 | 751.5 | 723.7 | 718.2 | 701.5 |
| 65° | 682.9 | 686.7 | 688.5 | 684.8 | 688.5 | 686.7 | 682.9 | 677.4 | 657.1 | 647.8 | 633.0 |
| 67.5° | 601.5 | 599.7 | 597.9 | 605.2 | 597.9 | 599.7 | 601.5 | 594.1 | 581.1 | 573.8 | 553.4 |
| 70° | 518.3 | 518.3 | 516.4 | 520.1 | 516.4 | 518.3 | 518.3 | 512.7 | 505.3 | 499.8 | 481.2 |
| 72.5° | 429.4 | 427.6 | 435.0 | 429.4 | 435.0 | 427.6 | 429.4 | 427.6 | 423.8 | 418.3 | 399.8 |
| 75° | 342.4 | 346.1 | 342.4 | 348.0 | 342.4 | 346.1 | 342.4 | 344.3 | 342.4 | 338.7 | 325.8 |
| 77.5° | 261.0 | 264.7 | 261.0 | 261.0 | 261.0 | 264.7 | 261.0 | 262.8 | 262.8 | 262.8 | 251.7 |
| 80° | 185.1 | 183.3 | 183.3 | 181.4 | 183.3 | 183.3 | 185.1 | 185.1 | 186.9 | 183.3 | 179.5 |
| 82.5° | 118.4 | 116.6 | 116.6 | 120.3 | 116.6 | 116.6 | 118.4 | 120.3 | 116.6 | 116.6 | 116.6 |
| 85° | 64.8 | 66.6 | 63.0 | 63.0 | 63.0 | 66.6 | 64.8 | 61.1 | 64.8 | 64.8 | 63.0 |
| 87.5° | 24.1 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 24.1 | 25.9 | 25.9 | 25.9 | 27.7 |
| 90° | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 29.5 | 39.3 | 44.3 | 38.1 |
| 92.5° | 110.7 | 106.3 | 88.6 | 71.1 | 88.6 | 106.3 | 110.7 | 156.9 | 218.6 | 249.4 | 218.9 |
| 95° | 375.8 | 362.5 | 309.2 | 255.8 | 309.2 | 362.5 | 375.8 | 493.5 | 650.5 | 729.0 | 615.7 |
| 97.5° | 867.7 | 842.3 | 740.8 | 639.2 | 740.8 | 842.3 | 867.7 | 942.1 | 1041.3 | 1090.9 | 902.0 |
| 100° | 1218.5 | 1188.2 | 1067.3 | 946.3 | 1067.3 | 1188.2 | 1218.5 | 1213.1 | 1205.8 | 1202.2 | 992.5 |
| 102.5° | 1518.0 | 1492.2 | 1388.5 | 1284.9 | 1388.5 | 1492.2 | 1518.0 | 1423.2 | 1296.9 | 1233.6 | 1021.0 |
| 105° | 1867.6 | 1853.7 | 1798.0 | 1742.4 | 1798.0 | 1853.7 | 1867.6 | 1655.1 | 1371.9 | 1230.2 | 1024.3 |
| 107.5° | 2049.5 | 2052.8 | 2066.4 | 2079.8 | 2066.4 | 2052.8 | 2049.5 | 1753.0 | 1357.8 | 1160.2 | 978.6 |
| 110° | 2096.1 | 2110.6 | 2168.7 | 2226.7 | 2168.7 | 2110.6 | 2096.1 | 1764.7 | 1322.8 | 1101.9 | 938.3 |



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 2066.4 | 2088.6 | 2177.7 | 2266.8 | 2177.7 | 2088.6 | 2066.4 | 1727.2 | 1275.0 | 1048.9 | 903.0 |
| 115° | 1965.6 | 1996.5 | 2120.0 | 2243.6 | 2120.0 | 1996.5 | 1965.6 | 1638.9 | 1203.2 | 985.4 | 862.5 |
| 117.5° | 1826.3 | 1860.5 | 1997.5 | 2134.6 | 1997.5 | 1860.5 | 1826.3 | 1531.4 | 1138.3 | 941.7 | 837.1 |
| 120° | 1732.5 | 1765.7 | 1898.9 | 2032.0 | 1898.9 | 1765.7 | 1732.5 | 1463.0 | 1103.8 | 924.2 | 828.6 |
| 122.5° | 1638.6 | 1671.5 | 1802.8 | 1934.1 | 1802.8 | 1671.5 | 1638.6 | 1396.0 | 1072.6 | 910.8 | 824.2 |
| 125° | 1514.6 | 1544.8 | 1665.7 | 1786.6 | 1665.7 | 1544.8 | 1514.6 | 1308.4 | 1033.7 | 896.3 | 820.5 |
| 127.5° | 1414.9 | 1440.4 | 1542.5 | 1644.5 | 1542.5 | 1440.4 | 1414.9 | 1237.9 | 1002.0 | 884.0 | 818.4 |
| 130° | 1352.0 | 1375.5 | 1469.8 | 1564.1 | 1469.8 | 1375.5 | 1352.0 | 1194.4 | 984.3 | 879.4 | 819.7 |
| 132.5° | 1298.4 | 1319.5 | 1403.9 | 1488.3 | 1403.9 | 1319.5 | 1298.4 | 1157.3 | 969.3 | 875.3 | 820.5 |
| 135° | 1222.6 | 1240.8 | 1313.6 | 1386.3 | 1313.6 | 1240.8 | 1222.6 | 1104.5 | 947.0 | 868.2 | 819.7 |
| 137.5° | 1166.7 | 1181.5 | 1241.1 | 1300.7 | 1241.1 | 1181.5 | 1166.7 | 1066.8 | 933.7 | 867.1 | 824.8 |
| 140° | 1121.7 | 1135.7 | 1191.4 | 1247.1 | 1191.4 | 1135.7 | 1121.7 | 1035.5 | 920.6 | 863.0 | 825.6 |
| 142.5° | 1090.3 | 1102.2 | 1150.2 | 1198.1 | 1150.2 | 1102.2 | 1090.3 | 1014.5 | 913.5 | 863.0 | 828.6 |
| 145° | 1043.1 | 1052.2 | 1088.5 | 1124.7 | 1088.5 | 1052.2 | 1043.1 | 981.2 | 898.5 | 857.2 | 828.6 |
| 147.5° | 1003.5 | 1011.0 | 1041.0 | 1071.1 | 1041.0 | 1011.0 | 1003.5 | 954.7 | 889.7 | 857.2 | 834.2 |
| 150° | 980.7 | 986.8 | 1011.1 | 1035.5 | 1011.1 | 986.8 | 980.7 | 939.5 | 884.7 | 857.2 | 837.2 |
| 152.5° | 962.7 | 967.3 | 985.7 | 1004.0 | 985.7 | 967.3 | 962.7 | 927.6 | 880.7 | 857.2 | 839.2 |
| 155° | 941.1 | 944.2 | 956.3 | 968.5 | 956.3 | 944.2 | 941.1 | 913.2 | 875.9 | 857.2 | 843.5 |
| 157.5° | 922.5 | 924.7 | 933.2 | 941.7 | 933.2 | 924.7 | 922.5 | 900.7 | 871.7 | 857.2 | 847.8 |
| 160° | 913.2 | 914.4 | 919.3 | 924.2 | 919.3 | 914.4 | 913.2 | 894.5 | 869.6 | 857.2 | 849.8 |
| 162.5° | 904.4 | 905.5 | 910.2 | 914.9 | 910.2 | 905.5 | 904.4 | 888.7 | 867.7 | 857.2 | 851.8 |
| 165° | 891.0 | 892.3 | 897.2 | 902.1 | 897.2 | 892.3 | 891.0 | 879.7 | 864.7 | 857.2 | 854.8 |
| 167.5° | 885.2 | 885.7 | 887.8 | 889.8 | 887.8 | 885.7 | 885.2 | 877.8 | 868.0 | 863.0 | 861.0 |
| 170° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 877.8 | 868.0 | 863.0 | 862.9 |
| 172.5° | 880.5 | 880.0 | 878.2 | 876.5 | 878.2 | 880.0 | 880.5 | 874.7 | 866.9 | 863.0 | 863.0 |
| 175° | 874.1 | 874.1 | 874.1 | 874.1 | 874.1 | 874.1 | 874.1 | 870.4 | 865.4 | 863.0 | 864.1 |
| 177.5° | 872.9 | 872.4 | 870.3 | 868.2 | 870.3 | 872.4 | 872.9 | 870.0 | 866.2 | 864.2 | 865.2 |
| 180° | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 |



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1956.4 | 1956.4 | 1956.4 | 1956.4 | 1956.4 |
| 2.5° | 1932.4 | 1941.6 | 1947.1 | 1954.5 | 1973.1 |
| 5° | 1858.3 | 1893.5 | 1904.5 | 1932.4 | 1965.6 |
| 7.5° | 1695.4 | 1802.7 | 1832.4 | 1899.0 | 1950.8 |
| 10° | 1538.1 | 1645.4 | 1697.3 | 1854.6 | 1932.4 |
| 12.5° | 1458.5 | 1521.4 | 1556.6 | 1776.8 | 1906.4 |
| 15° | 1408.6 | 1452.9 | 1478.9 | 1673.2 | 1876.8 |
| 17.5° | 1369.6 | 1401.1 | 1419.6 | 1571.4 | 1836.1 |
| 20° | 1345.6 | 1360.4 | 1377.1 | 1497.4 | 1789.8 |
| 22.5° | 1328.9 | 1319.6 | 1332.6 | 1445.6 | 1726.9 |
| 25° | 1317.9 | 1282.7 | 1297.5 | 1404.8 | 1652.8 |
| 27.5° | 1327.1 | 1249.3 | 1254.9 | 1367.8 | 1575.1 |
| 30° | 1328.9 | 1208.6 | 1210.5 | 1328.9 | 1488.1 |
| 32.5° | 1316.0 | 1166.1 | 1167.9 | 1280.8 | 1390.0 |
| 35° | 1284.5 | 1116.0 | 1114.3 | 1225.3 | 1256.8 |
| 37.5° | 1241.9 | 1062.4 | 1062.4 | 1164.2 | 1110.5 |
| 40° | 1190.1 | 1008.7 | 1014.3 | 1084.7 | 981.0 |
| 42.5° | 1127.2 | 951.4 | 958.8 | 979.1 | 884.7 |
| 45° | 1058.7 | 895.8 | 901.4 | 827.3 | 810.7 |
| 47.5° | 982.8 | 838.5 | 840.3 | 686.7 | 786.6 |
| 50° | 892.2 | 779.2 | 771.9 | 588.6 | 784.7 |
| 52.5° | 812.6 | 714.4 | 692.2 | 533.0 | 712.5 |
| 55° | 734.8 | 646.0 | 597.9 | 490.4 | 660.8 |
| 57.5° | 666.3 | 557.1 | 510.8 | 440.5 | 649.7 |
| 60° | 603.4 | 470.1 | 435.0 | 386.9 | 596.0 |
| 62.5° | 551.5 | 405.4 | 398.0 | 349.8 | 540.4 |
| 65° | 496.0 | 360.9 | 359.0 | 318.3 | 459.1 |
| 67.5° | 442.3 | 331.3 | 329.4 | 288.7 | 349.8 |
| 70° | 385.0 | 299.8 | 296.2 | 257.3 | 259.1 |
| 72.5° | 325.8 | 264.7 | 261.0 | 231.4 | 214.7 |
| 75° | 266.6 | 224.0 | 222.1 | 201.7 | 174.0 |
| 77.5° | 209.1 | 177.6 | 181.4 | 162.9 | 127.7 |
| 80° | 149.9 | 129.5 | 133.3 | 116.6 | 96.2 |
| 82.5° | 99.9 | 85.2 | 88.8 | 74.1 | 64.8 |
| 85° | 55.6 | 48.1 | 50.0 | 38.9 | 29.6 |
| 87.5° | 25.9 | 22.2 | 22.2 | 14.9 | 9.2 |
| 90° | 25.7 | 16.3 | 15.1 | 10.5 | 5.8 |
| 92.5° | 158.1 | 112.5 | 102.6 | 63.0 | 23.4 |
| 95° | 389.1 | 219.1 | 201.0 | 128.4 | 55.9 |
| 97.5° | 524.1 | 240.7 | 224.7 | 160.7 | 96.8 |
| 100° | 573.2 | 258.7 | 244.2 | 186.2 | 128.2 |
| 102.5° | 595.8 | 276.8 | 263.3 | 209.2 | 155.0 |
| 105° | 612.5 | 303.6 | 292.2 | 246.3 | 200.4 |
| 107.5° | 615.6 | 343.2 | 332.6 | 289.8 | 247.0 |
| 110° | 610.9 | 365.4 | 355.8 | 317.1 | 278.5 |



TEST NUMBER: P935307

CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 611.1 | 392.2 | 383.0 | 346.2 | 309.4 |
| 115° | 616.7 | 432.3 | 423.8 | 389.9 | 356.0 |
| 117.5° | 628.1 | 471.4 | 463.7 | 432.9 | 402.1 |
| 120° | 637.5 | 494.2 | 486.9 | 457.9 | 428.9 |
| 122.5° | 650.9 | 521.0 | 513.7 | 484.4 | 455.1 |
| 125° | 669.0 | 555.4 | 548.7 | 522.0 | 495.3 |
| 127.5° | 687.1 | 588.6 | 581.9 | 554.9 | 528.0 |
| 130° | 700.3 | 610.7 | 603.5 | 574.5 | 545.5 |
| 132.5° | 711.0 | 628.8 | 621.5 | 592.5 | 563.5 |
| 135° | 722.6 | 649.8 | 643.2 | 616.7 | 590.3 |
| 137.5° | 740.1 | 676.6 | 670.1 | 643.8 | 617.7 |
| 140° | 750.7 | 694.6 | 688.6 | 664.5 | 640.4 |
| 142.5° | 759.7 | 708.1 | 702.5 | 680.2 | 657.9 |
| 145° | 771.4 | 728.4 | 723.6 | 704.1 | 684.7 |
| 147.5° | 788.4 | 754.0 | 749.3 | 730.4 | 711.5 |
| 150° | 797.4 | 767.5 | 763.2 | 746.1 | 729.0 |
| 152.5° | 803.2 | 776.2 | 773.0 | 760.1 | 747.1 |
| 155° | 816.0 | 795.4 | 793.0 | 783.4 | 773.9 |
| 157.5° | 828.8 | 814.6 | 812.3 | 803.1 | 793.7 |
| 160° | 834.7 | 823.4 | 821.6 | 814.4 | 807.1 |
| 162.5° | 840.9 | 832.8 | 831.4 | 825.9 | 820.5 |
| 165° | 849.8 | 846.1 | 844.9 | 839.9 | 835.1 |
| 167.5° | 856.8 | 853.7 | 853.1 | 850.8 | 848.4 |
| 170° | 862.6 | 862.5 | 861.9 | 859.6 | 857.2 |
| 172.5° | 863.0 | 863.0 | 862.9 | 862.4 | 861.9 |
| 175° | 866.5 | 868.2 | 868.2 | 868.2 | 868.2 |
| 177.5° | 866.9 | 868.2 | 868.2 | 868.2 | 868.2 |
| 180° | 868.2 | 868.2 | 868.2 | 868.2 | 868.2 |



TEST NUMBER: P935307
 CATALOG NUMBER: SQ4-FA-100U-100D-B50-1D-UNV-STD-W-6

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 | 13.22 | 14.06 | 14.20 | 15.05 | 16.36 | 16.05 | 16.88 | 17.02 | 17.88 | 19.18 |
| | 3H | 13.70 | 14.45 | 14.69 | 15.45 | 16.78 | 17.39 | 18.14 | 18.38 | 19.14 | 20.47 |
| | 4H | 13.89 | 14.60 | 14.89 | 15.60 | 16.94 | 17.83 | 18.54 | 18.83 | 19.55 | 20.88 |
| | 6H | 14.01 | 14.66 | 15.02 | 15.67 | 17.02 | 18.11 | 18.77 | 19.13 | 19.78 | 21.13 |
| | 8H | 14.01 | 14.63 | 15.03 | 15.66 | 17.00 | 18.19 | 18.81 | 19.21 | 19.84 | 21.18 |
| | 12H | 13.98 | 14.57 | 15.00 | 15.59 | 16.96 | 18.22 | 18.82 | 19.25 | 19.84 | 21.21 |
| 4H | 2H | 14.25 | 14.96 | 15.26 | 15.97 | 17.30 | 16.45 | 17.16 | 17.46 | 18.17 | 19.51 |
| | 3H | 15.28 | 15.87 | 16.29 | 16.90 | 18.25 | 17.95 | 18.55 | 18.97 | 19.58 | 20.93 |
| | 4H | 15.55 | 16.09 | 16.58 | 17.12 | 18.49 | 18.48 | 19.02 | 19.51 | 20.05 | 21.42 |
| | 6H | 15.67 | 16.14 | 16.71 | 17.19 | 18.56 | 18.84 | 19.31 | 19.88 | 20.36 | 21.73 |
| | 8H | 15.68 | 16.11 | 16.72 | 17.16 | 18.54 | 18.95 | 19.38 | 19.99 | 20.43 | 21.81 |
| | 12H | 15.65 | 16.04 | 16.70 | 17.10 | 18.49 | 19.00 | 19.40 | 20.06 | 20.45 | 21.84 |
| 8H | 4H | 16.00 | 16.44 | 17.04 | 17.48 | 18.86 | 18.60 | 19.04 | 19.64 | 20.08 | 21.47 |
| | 6H | 16.26 | 16.62 | 17.32 | 17.71 | 19.09 | 19.04 | 19.40 | 20.10 | 20.48 | 21.86 |
| | 8H | 16.30 | 16.62 | 17.37 | 17.69 | 19.09 | 19.19 | 19.50 | 20.26 | 20.57 | 21.97 |
| | 12H | 16.29 | 16.57 | 17.36 | 17.63 | 19.07 | 19.28 | 19.56 | 20.36 | 20.63 | 22.07 |
| 12H | 4H | 16.01 | 16.40 | 17.06 | 17.46 | 18.85 | 18.57 | 18.96 | 19.62 | 20.02 | 21.41 |
| | 6H | 16.32 | 16.64 | 17.39 | 17.71 | 19.11 | 19.03 | 19.35 | 20.10 | 20.42 | 21.82 |
| | 8H | 16.39 | 16.67 | 17.46 | 17.73 | 19.17 | 19.19 | 19.47 | 20.27 | 20.54 | 21.98 |