

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: P934808

Luminaire Tested: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934808
REPORT IS A COMBINATION OF REPORTS P933712 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-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

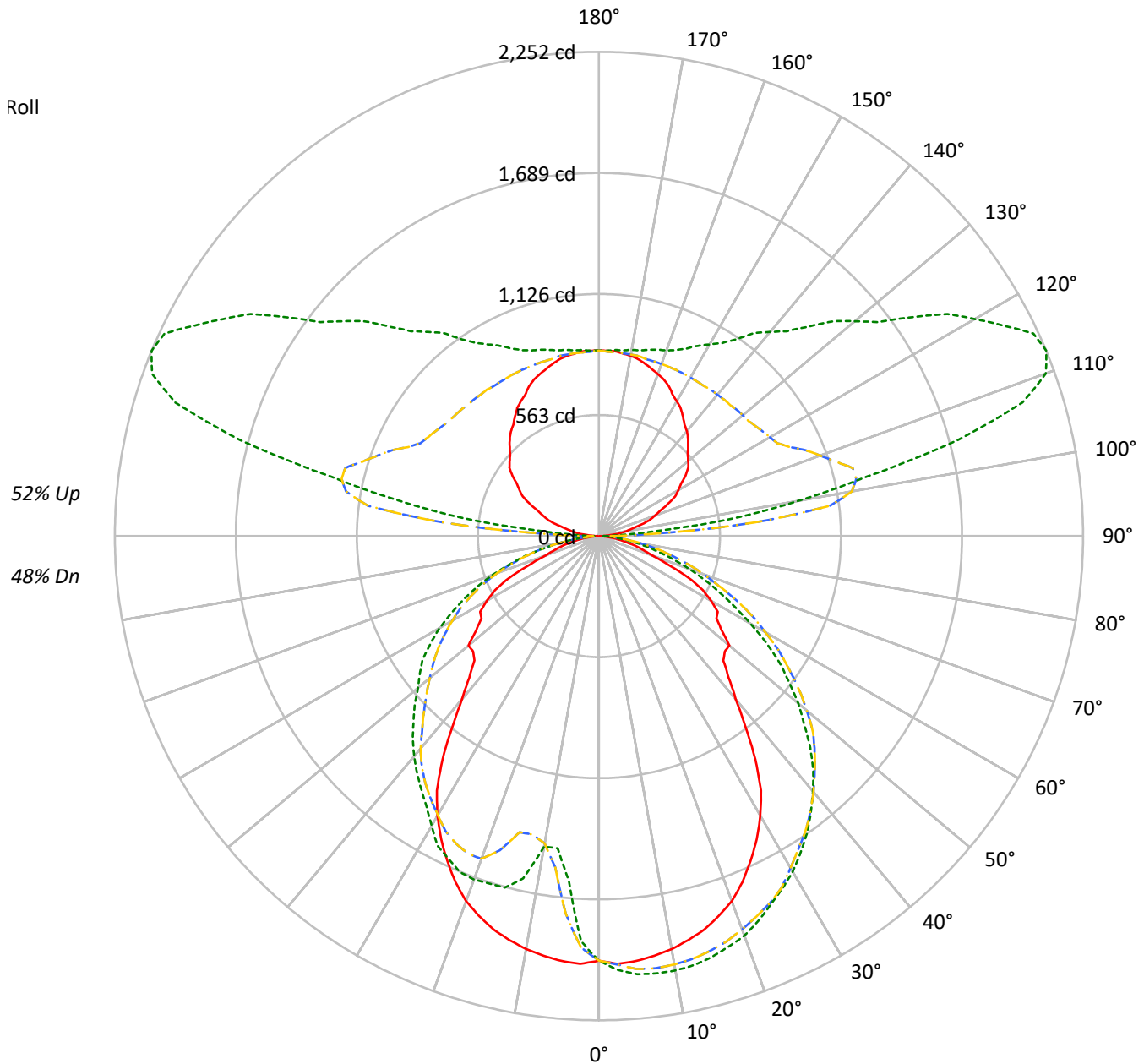
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10715.8 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: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 84.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P934808
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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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 | 68 | 68 | 68 | 54 | 54 | 54 | 48 | 48 | 48 | 48 |
| 1 | 97 | 93 | 89 | 86 | 89 | 86 | 82 | 79 | 72 | 70 | 68 | 60 | 58 | 56 | 48 | 47 | 46 | 40 | 40 | 40 | 40 |
| 2 | 89 | 81 | 75 | 70 | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 40 | 39 | 34 | 34 | 34 | 34 |
| 3 | 81 | 71 | 64 | 58 | 74 | 66 | 60 | 54 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 29 | 29 | 29 | 29 |
| 4 | 74 | 63 | 55 | 49 | 68 | 58 | 52 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 31 | 28 | 25 | 25 | 25 | 25 |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 37 | 33 | 29 | 30 | 27 | 25 | 21 | 21 | 21 | 21 |
| 6 | 62 | 50 | 42 | 37 | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 | 19 | 19 | 19 | 19 |
| 7 | 58 | 45 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 19 | 17 | 17 | 17 | 17 |
| 8 | 54 | 41 | 33 | 28 | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 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° | 9160 | 9160 | 9160 | 9160 |
| 5° | 9229 | 9247 | 9229 | 7271 |
| 10° | 9167 | 9109 | 9167 | 6512 |
| 15° | 9068 | 8911 | 9068 | 7441 |
| 20° | 8878 | 8678 | 8878 | 7457 |
| 25° | 8489 | 8336 | 8489 | 7299 |
| 30° | 7988 | 8053 | 7988 | 6952 |
| 35° | 7121 | 7695 | 7121 | 6570 |
| 40° | 5934 | 7274 | 5934 | 6282 |
| 45° | 5302 | 6780 | 5302 | 5951 |
| 50° | 5633 | 6192 | 5633 | 5619 |
| 55° | 5300 | 5558 | 5300 | 5426 |
| 60° | 5463 | 4721 | 5463 | 4970 |
| 65° | 4953 | 3902 | 4953 | 4362 |
| 70° | 3430 | 3110 | 3430 | 3656 |
| 75° | 3008 | 2299 | 3008 | 2753 |
| 80° | 2423 | 1520 | 2423 | 1655 |
| 85° | 1393 | 805 | 1393 | 684 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8126 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 178.2 | 1.7 |
| 10°-20° | 506.0 | 4.7 |
| 20°-30° | 782.2 | 7.3 |
| 30°-40° | 933.8 | 8.7 |
| 40°-50° | 939.3 | 8.8 |
| 50°-60° | 817.3 | 7.6 |
| 60°-70° | 579.5 | 5.4 |
| 70°-80° | 306.6 | 2.9 |
| 80°-90° | 79.7 | 0.7 |
| 90°-100° | 420.6 | 3.9 |
| 100°-110° | 1105.7 | 10.3 |
| 110°-120° | 1146.5 | 10.7 |
| 120°-130° | 919.6 | 8.6 |
| 130°-140° | 721.6 | 6.7 |
| 140°-150° | 553.9 | 5.2 |
| 150°-160° | 398.9 | 3.7 |
| 160°-170° | 244.0 | 2.3 |
| 170°-180° | 82.5 | 0.8 |
| 0°-30° | 1466.5 | 13.7 |
| 0°-40° | 2400.3 | 22.4 |
| 0°-60° | 4156.8 | 38.8 |
| 0°-90° | 5122.6 | 47.8 |
| 90°-120° | 2672.8 | 24.9 |
| 90°-150° | 4867.9 | 45.4 |
| 90°-180° | 5593.0 | 52.2 |
| 0°-180° | 10715.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1974 | 1974 | 1974 | 1974 | 1974 | |
| 5° | 1984 | 2045 | 1984 | 1608 | 1984 | 188 |
| 15° | 1894 | 2027 | 1894 | 1692 | 1894 | 533 |
| 25° | 1668 | 1890 | 1668 | 1655 | 1668 | 766 |
| 35° | 1268 | 1687 | 1268 | 1440 | 1268 | 785 |
| 45° | 818 | 1390 | 818 | 1220 | 818 | 655 |
| 55° | 667 | 1026 | 667 | 1001 | 667 | 613 |
| 65° | 463 | 618 | 463 | 691 | 463 | 443 |
| 75° | 176 | 293 | 176 | 351 | 176 | 185 |
| 85° | 30 | 75 | 30 | 64 | 30 | 40 |
| 90° | 6 | 22 | 6 | 22 | 6 | 6 |
| 95° | 56 | 254 | 56 | 254 | 56 | 62 |
| 105° | 199 | 1731 | 199 | 1731 | 199 | 211 |
| 115° | 354 | 2229 | 354 | 2229 | 354 | 349 |
| 125° | 492 | 1775 | 492 | 1775 | 492 | 437 |
| 135° | 587 | 1378 | 587 | 1378 | 587 | 454 |
| 145° | 680 | 1118 | 680 | 1118 | 680 | 426 |
| 155° | 769 | 962 | 769 | 962 | 769 | 353 |
| 165° | 830 | 896 | 830 | 896 | 830 | 234 |
| 175° | 863 | 869 | 863 | 869 | 863 | 82 |
| 180° | 863 | 863 | 863 | 863 | 863 | |



TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5° | 1991.2 | 1991.2 | 2002.4 | 2006.1 | 2006.1 | 2000.5 | 1994.9 | 2000.5 | 2017.3 | 2023.0 | 2021.1 |
| 5° | 1983.7 | 1998.7 | 2019.2 | 2023.0 | 2026.7 | 2024.8 | 2021.1 | 2024.8 | 2043.5 | 2047.2 | 2049.1 |
| 7.5° | 1968.8 | 1996.8 | 2023.0 | 2028.6 | 2034.2 | 2028.6 | 2026.7 | 2030.4 | 2049.1 | 2052.8 | 2052.8 |
| 10° | 1950.1 | 1989.3 | 2019.2 | 2023.0 | 2028.6 | 2023.0 | 2023.0 | 2030.4 | 2049.1 | 2052.8 | 2054.7 |
| 12.5° | 1923.9 | 1978.1 | 2006.1 | 2009.9 | 2017.3 | 2015.5 | 2013.6 | 2021.1 | 2039.8 | 2043.5 | 2043.5 |
| 15° | 1894.1 | 1957.6 | 1983.7 | 1987.5 | 2000.5 | 1996.8 | 1996.8 | 2004.3 | 2024.8 | 2030.4 | 2028.6 |
| 17.5° | 1853.0 | 1931.4 | 1961.3 | 1966.9 | 1976.3 | 1974.4 | 1976.3 | 1983.7 | 2002.4 | 2006.1 | 2008.0 |
| 20° | 1806.3 | 1895.9 | 1931.4 | 1937.0 | 1946.4 | 1946.4 | 1946.4 | 1955.7 | 1974.4 | 1981.9 | 1981.9 |
| 22.5° | 1742.8 | 1858.6 | 1895.9 | 1899.7 | 1910.9 | 1910.9 | 1914.6 | 1927.7 | 1944.5 | 1946.4 | 1946.4 |
| 25° | 1668.0 | 1817.5 | 1849.2 | 1860.4 | 1871.6 | 1877.2 | 1882.9 | 1890.3 | 1895.9 | 1894.1 | 1895.9 |
| 27.5° | 1589.6 | 1765.2 | 1806.3 | 1813.7 | 1828.7 | 1834.3 | 1841.8 | 1843.6 | 1845.5 | 1851.1 | 1847.4 |
| 30° | 1501.8 | 1692.3 | 1754.0 | 1761.4 | 1785.7 | 1789.5 | 1782.0 | 1785.7 | 1795.1 | 1798.8 | 1802.5 |
| 32.5° | 1402.8 | 1584.0 | 1699.8 | 1716.6 | 1739.0 | 1727.8 | 1725.9 | 1731.5 | 1746.5 | 1746.5 | 1750.2 |
| 35° | 1268.3 | 1499.9 | 1649.4 | 1664.3 | 1681.1 | 1668.0 | 1675.5 | 1677.4 | 1686.7 | 1692.3 | 1690.4 |
| 37.5° | 1120.7 | 1427.1 | 1597.0 | 1608.3 | 1621.3 | 1604.5 | 1615.7 | 1621.3 | 1628.8 | 1625.1 | 1625.1 |
| 40° | 990.0 | 1313.1 | 1535.4 | 1542.9 | 1554.1 | 1541.0 | 1552.2 | 1556.0 | 1559.7 | 1556.0 | 1554.1 |
| 42.5° | 892.9 | 1188.0 | 1470.0 | 1479.4 | 1471.9 | 1481.2 | 1485.0 | 1492.4 | 1486.8 | 1479.4 | 1479.4 |
| 45° | 818.2 | 1154.3 | 1399.0 | 1410.2 | 1399.0 | 1414.0 | 1419.6 | 1419.6 | 1402.8 | 1399.0 | 1397.2 |
| 47.5° | 793.9 | 1087.2 | 1328.1 | 1328.1 | 1322.5 | 1341.1 | 1350.5 | 1337.4 | 1320.6 | 1315.0 | 1315.0 |
| 50° | 792.0 | 1012.5 | 1230.9 | 1223.4 | 1249.6 | 1272.0 | 1262.7 | 1249.6 | 1236.5 | 1216.0 | 1216.0 |
| 52.5° | 719.2 | 920.9 | 1105.9 | 1133.8 | 1174.9 | 1188.0 | 1173.0 | 1159.9 | 1137.5 | 1128.2 | 1120.7 |
| 55° | 666.9 | 825.7 | 991.9 | 1047.9 | 1090.9 | 1107.7 | 1079.7 | 1066.6 | 1033.0 | 1027.4 | 1023.7 |
| 57.5° | 655.7 | 687.4 | 887.3 | 958.3 | 1010.6 | 1008.7 | 991.9 | 967.6 | 939.6 | 934.0 | 932.1 |
| 60° | 601.5 | 496.9 | 775.2 | 859.3 | 913.5 | 907.8 | 892.9 | 870.5 | 844.3 | 840.6 | 836.9 |
| 62.5° | 545.5 | 360.5 | 648.2 | 743.5 | 820.1 | 818.2 | 805.1 | 771.5 | 752.8 | 743.5 | 736.0 |
| 65° | 463.3 | 302.6 | 461.4 | 618.3 | 728.5 | 732.3 | 704.2 | 680.0 | 659.4 | 648.2 | 646.3 |
| 67.5° | 353.1 | 246.6 | 312.0 | 515.6 | 640.7 | 637.0 | 601.5 | 590.3 | 564.1 | 558.5 | 547.3 |
| 70° | 261.5 | 164.4 | 216.7 | 418.4 | 554.8 | 545.5 | 517.4 | 504.4 | 480.1 | 467.0 | 459.5 |
| 72.5° | 216.7 | 132.6 | 158.8 | 325.0 | 467.0 | 455.8 | 431.5 | 416.6 | 396.0 | 384.8 | 377.3 |
| 75° | 175.6 | 140.1 | 121.4 | 241.0 | 379.2 | 371.7 | 349.3 | 334.4 | 317.6 | 302.6 | 304.5 |
| 77.5° | 128.9 | 130.8 | 97.1 | 177.5 | 300.7 | 289.5 | 276.5 | 257.8 | 250.3 | 235.4 | 235.4 |
| 80° | 97.1 | 102.7 | 72.9 | 121.4 | 216.7 | 216.7 | 205.5 | 192.4 | 179.3 | 171.9 | 171.9 |
| 82.5° | 65.4 | 65.4 | 54.2 | 76.6 | 147.6 | 142.0 | 134.5 | 130.8 | 123.3 | 119.6 | 119.6 |
| 85° | 29.9 | 37.4 | 33.6 | 46.7 | 80.3 | 84.1 | 84.1 | 80.3 | 78.5 | 74.7 | 76.6 |
| 87.5° | 9.3 | 16.8 | 20.5 | 26.2 | 41.1 | 43.0 | 44.8 | 44.8 | 44.8 | 46.7 | 46.7 |
| 90° | 5.8 | 10.5 | 15.1 | 16.3 | 25.5 | 37.8 | 44.0 | 39.1 | 29.3 | 22.0 | 22.0 |
| 92.5° | 23.2 | 62.6 | 102.0 | 111.8 | 157.2 | 217.6 | 247.9 | 217.2 | 156.0 | 110.0 | 105.6 |
| 95° | 55.6 | 127.7 | 199.7 | 217.7 | 386.6 | 611.8 | 724.4 | 646.4 | 490.4 | 373.5 | 360.2 |
| 97.5° | 96.1 | 159.7 | 223.3 | 239.2 | 520.8 | 896.3 | 1084.0 | 1034.7 | 936.1 | 862.3 | 837.1 |
| 100° | 127.4 | 185.0 | 242.7 | 257.1 | 569.6 | 986.3 | 1194.6 | 1198.2 | 1205.4 | 1210.8 | 1180.8 |
| 102.5° | 154.0 | 207.8 | 261.6 | 275.1 | 592.0 | 1014.6 | 1225.9 | 1288.6 | 1414.3 | 1508.5 | 1482.7 |
| 105° | 199.2 | 244.8 | 290.3 | 301.7 | 608.6 | 1017.8 | 1222.4 | 1363.2 | 1644.7 | 1855.9 | 1842.0 |
| 107.5° | 245.5 | 288.0 | 330.4 | 341.1 | 611.7 | 972.5 | 1152.9 | 1349.3 | 1742.0 | 2036.6 | 2039.9 |
| 110° | 276.8 | 315.1 | 353.4 | 363.0 | 607.0 | 932.3 | 1095.0 | 1314.5 | 1753.6 | 2082.9 | 2097.3 |



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CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 307.5 | 344.0 | 380.5 | 389.7 | 607.2 | 897.3 | 1042.3 | 1267.1 | 1716.4 | 2053.4 | 2075.5 |
| 115° | 353.8 | 387.5 | 421.2 | 429.6 | 612.8 | 857.0 | 979.2 | 1195.6 | 1628.5 | 1953.2 | 1983.9 |
| 117.5° | 399.6 | 430.2 | 460.8 | 468.5 | 624.3 | 831.9 | 935.8 | 1131.1 | 1521.8 | 1814.8 | 1848.8 |
| 120° | 426.2 | 455.0 | 483.8 | 491.0 | 633.4 | 823.4 | 918.4 | 1096.9 | 1453.9 | 1721.5 | 1754.6 |
| 122.5° | 452.2 | 481.4 | 510.4 | 517.7 | 646.8 | 818.9 | 905.0 | 1065.8 | 1387.3 | 1628.3 | 1660.9 |
| 125° | 492.2 | 518.7 | 545.2 | 551.8 | 664.7 | 815.3 | 890.6 | 1027.1 | 1300.1 | 1505.0 | 1535.0 |
| 127.5° | 524.6 | 551.4 | 578.1 | 584.9 | 682.8 | 813.2 | 878.4 | 995.6 | 1230.1 | 1406.0 | 1431.3 |
| 130° | 542.0 | 570.8 | 599.6 | 606.8 | 695.8 | 814.5 | 873.9 | 978.2 | 1186.9 | 1343.5 | 1366.9 |
| 132.5° | 559.9 | 588.8 | 617.7 | 624.8 | 706.5 | 815.3 | 869.7 | 963.1 | 1150.0 | 1290.1 | 1311.1 |
| 135° | 586.6 | 612.8 | 639.1 | 645.7 | 718.1 | 814.5 | 862.8 | 941.1 | 1097.5 | 1214.9 | 1233.0 |
| 137.5° | 613.8 | 639.8 | 665.8 | 672.3 | 735.4 | 819.6 | 861.6 | 927.7 | 1060.1 | 1159.3 | 1174.0 |
| 140° | 636.4 | 660.3 | 684.2 | 690.2 | 746.0 | 820.4 | 857.6 | 914.8 | 1029.0 | 1114.7 | 1128.6 |
| 142.5° | 653.8 | 675.9 | 698.1 | 703.6 | 755.0 | 823.4 | 857.6 | 907.8 | 1008.2 | 1083.4 | 1095.3 |
| 145° | 680.4 | 699.8 | 719.0 | 723.8 | 766.5 | 823.4 | 851.8 | 892.9 | 975.0 | 1036.6 | 1045.5 |
| 147.5° | 707.0 | 725.8 | 744.7 | 749.3 | 783.5 | 829.0 | 851.8 | 884.1 | 948.7 | 997.1 | 1004.6 |
| 150° | 724.4 | 741.4 | 758.4 | 762.6 | 792.3 | 832.0 | 851.8 | 879.1 | 933.6 | 974.5 | 980.6 |
| 152.5° | 742.3 | 755.2 | 768.1 | 771.3 | 798.1 | 833.9 | 851.8 | 875.1 | 921.7 | 956.6 | 961.2 |
| 155° | 769.0 | 778.5 | 788.0 | 790.4 | 810.9 | 838.2 | 851.8 | 870.3 | 907.4 | 935.2 | 938.2 |
| 157.5° | 788.7 | 797.9 | 807.2 | 809.5 | 823.6 | 842.4 | 851.8 | 866.2 | 895.1 | 916.6 | 918.8 |
| 160° | 802.0 | 809.2 | 816.4 | 818.2 | 829.4 | 844.3 | 851.8 | 864.1 | 888.9 | 907.4 | 908.6 |
| 162.5° | 815.3 | 820.7 | 826.1 | 827.5 | 835.6 | 846.4 | 851.8 | 862.3 | 883.1 | 898.7 | 899.8 |
| 165° | 829.8 | 834.6 | 839.6 | 840.8 | 844.4 | 849.4 | 851.8 | 859.3 | 874.2 | 885.4 | 886.6 |
| 167.5° | 843.1 | 845.5 | 847.8 | 848.4 | 851.4 | 855.5 | 857.6 | 862.5 | 872.3 | 879.6 | 880.1 |
| 170° | 851.8 | 854.1 | 856.5 | 857.0 | 857.2 | 857.5 | 857.6 | 862.5 | 872.3 | 879.6 | 879.6 |
| 172.5° | 856.5 | 856.9 | 857.5 | 857.6 | 857.6 | 857.6 | 857.6 | 861.4 | 869.2 | 875.0 | 874.5 |
| 175° | 862.8 | 862.8 | 862.8 | 862.8 | 861.1 | 858.7 | 857.6 | 860.0 | 865.0 | 868.6 | 868.6 |
| 177.5° | 862.8 | 862.8 | 862.8 | 862.8 | 861.4 | 859.7 | 858.7 | 860.7 | 864.5 | 867.4 | 866.9 |
| 180° | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 |



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CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5° | 2024.8 | 2019.2 | 2024.8 | 2021.1 | 2023.0 | 2017.3 | 2000.5 | 1994.9 | 2000.5 | 2006.1 | 2006.1 |
| 5° | 2049.1 | 2045.4 | 2049.1 | 2049.1 | 2047.2 | 2043.5 | 2024.8 | 2021.1 | 2024.8 | 2026.7 | 2023.0 |
| 7.5° | 2056.6 | 2051.0 | 2056.6 | 2052.8 | 2052.8 | 2049.1 | 2030.4 | 2026.7 | 2028.6 | 2034.2 | 2028.6 |
| 10° | 2056.6 | 2051.0 | 2056.6 | 2054.7 | 2052.8 | 2049.1 | 2030.4 | 2023.0 | 2023.0 | 2028.6 | 2023.0 |
| 12.5° | 2047.2 | 2043.5 | 2047.2 | 2043.5 | 2043.5 | 2039.8 | 2021.1 | 2013.6 | 2015.5 | 2017.3 | 2009.9 |
| 15° | 2032.3 | 2026.7 | 2032.3 | 2028.6 | 2030.4 | 2024.8 | 2004.3 | 1996.8 | 1996.8 | 2000.5 | 1987.5 |
| 17.5° | 2009.9 | 2002.4 | 2009.9 | 2008.0 | 2006.1 | 2002.4 | 1983.7 | 1976.3 | 1974.4 | 1976.3 | 1966.9 |
| 20° | 1983.7 | 1978.1 | 1983.7 | 1981.9 | 1981.9 | 1974.4 | 1955.7 | 1946.4 | 1946.4 | 1946.4 | 1937.0 |
| 22.5° | 1942.6 | 1937.0 | 1942.6 | 1946.4 | 1946.4 | 1944.5 | 1927.7 | 1914.6 | 1910.9 | 1910.9 | 1899.7 |
| 25° | 1895.9 | 1890.3 | 1895.9 | 1895.9 | 1894.1 | 1895.9 | 1890.3 | 1882.9 | 1877.2 | 1871.6 | 1860.4 |
| 27.5° | 1851.1 | 1847.4 | 1851.1 | 1847.4 | 1851.1 | 1845.5 | 1843.6 | 1841.8 | 1834.3 | 1828.7 | 1813.7 |
| 30° | 1806.3 | 1802.5 | 1806.3 | 1802.5 | 1798.8 | 1795.1 | 1785.7 | 1782.0 | 1789.5 | 1785.7 | 1761.4 |
| 32.5° | 1750.2 | 1746.5 | 1750.2 | 1750.2 | 1746.5 | 1746.5 | 1731.5 | 1725.9 | 1727.8 | 1739.0 | 1716.6 |
| 35° | 1692.3 | 1686.7 | 1692.3 | 1690.4 | 1692.3 | 1686.7 | 1677.4 | 1675.5 | 1668.0 | 1681.1 | 1664.3 |
| 37.5° | 1625.1 | 1619.5 | 1625.1 | 1625.1 | 1625.1 | 1628.8 | 1621.3 | 1615.7 | 1604.5 | 1621.3 | 1608.3 |
| 40° | 1556.0 | 1548.5 | 1556.0 | 1554.1 | 1556.0 | 1559.7 | 1556.0 | 1552.2 | 1541.0 | 1554.1 | 1542.9 |
| 42.5° | 1477.5 | 1475.6 | 1477.5 | 1479.4 | 1479.4 | 1486.8 | 1492.4 | 1485.0 | 1481.2 | 1471.9 | 1479.4 |
| 45° | 1393.4 | 1389.7 | 1393.4 | 1397.2 | 1399.0 | 1402.8 | 1419.6 | 1419.6 | 1414.0 | 1399.0 | 1410.2 |
| 47.5° | 1303.8 | 1294.4 | 1303.8 | 1315.0 | 1315.0 | 1320.6 | 1337.4 | 1350.5 | 1341.1 | 1322.5 | 1328.1 |
| 50° | 1208.5 | 1210.4 | 1208.5 | 1216.0 | 1216.0 | 1236.5 | 1249.6 | 1262.7 | 1272.0 | 1249.6 | 1223.4 |
| 52.5° | 1115.1 | 1113.3 | 1115.1 | 1120.7 | 1128.2 | 1137.5 | 1159.9 | 1173.0 | 1188.0 | 1174.9 | 1133.8 |
| 55° | 1021.8 | 1025.5 | 1021.8 | 1023.7 | 1027.4 | 1033.0 | 1066.6 | 1079.7 | 1107.7 | 1090.9 | 1047.9 |
| 57.5° | 928.4 | 922.8 | 928.4 | 932.1 | 934.0 | 939.6 | 967.6 | 991.9 | 1008.7 | 1010.6 | 958.3 |
| 60° | 820.1 | 812.6 | 820.1 | 836.9 | 840.6 | 844.3 | 870.5 | 892.9 | 907.8 | 913.5 | 859.3 |
| 62.5° | 724.8 | 711.7 | 724.8 | 736.0 | 743.5 | 752.8 | 771.5 | 805.1 | 818.2 | 820.1 | 743.5 |
| 65° | 623.9 | 618.3 | 623.9 | 646.3 | 648.2 | 659.4 | 680.0 | 704.2 | 732.3 | 728.5 | 618.3 |
| 67.5° | 532.4 | 532.4 | 532.4 | 547.3 | 558.5 | 564.1 | 590.3 | 601.5 | 637.0 | 640.7 | 515.6 |
| 70° | 448.3 | 446.5 | 448.3 | 459.5 | 467.0 | 480.1 | 504.4 | 517.4 | 545.5 | 554.8 | 418.4 |
| 72.5° | 368.0 | 366.1 | 368.0 | 377.3 | 384.8 | 396.0 | 416.6 | 431.5 | 455.8 | 467.0 | 325.0 |
| 75° | 297.0 | 293.3 | 297.0 | 304.5 | 302.6 | 317.6 | 334.4 | 349.3 | 371.7 | 379.2 | 241.0 |
| 77.5° | 227.9 | 227.9 | 227.9 | 235.4 | 235.4 | 250.3 | 257.8 | 276.5 | 289.5 | 300.7 | 177.5 |
| 80° | 170.0 | 168.1 | 170.0 | 171.9 | 171.9 | 179.3 | 192.4 | 205.5 | 216.7 | 216.7 | 121.4 |
| 82.5° | 119.6 | 115.8 | 119.6 | 119.6 | 119.6 | 123.3 | 130.8 | 134.5 | 142.0 | 147.6 | 76.6 |
| 85° | 74.7 | 74.7 | 74.7 | 76.6 | 74.7 | 78.5 | 80.3 | 84.1 | 84.1 | 80.3 | 46.7 |
| 87.5° | 48.6 | 46.7 | 48.6 | 46.7 | 46.7 | 44.8 | 44.8 | 44.8 | 43.0 | 41.1 | 26.2 |
| 90° | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 29.3 | 39.1 | 44.0 | 37.8 | 25.5 | 16.3 |
| 92.5° | 88.2 | 70.6 | 88.2 | 105.6 | 110.0 | 156.0 | 217.2 | 247.9 | 217.6 | 157.2 | 111.8 |
| 95° | 307.3 | 254.2 | 307.3 | 360.2 | 373.5 | 490.4 | 646.4 | 724.4 | 611.8 | 386.6 | 217.7 |
| 97.5° | 736.1 | 635.2 | 736.1 | 837.1 | 862.3 | 936.1 | 1034.7 | 1084.0 | 896.3 | 520.8 | 239.2 |
| 100° | 1060.7 | 940.4 | 1060.7 | 1180.8 | 1210.8 | 1205.4 | 1198.2 | 1194.6 | 986.3 | 569.6 | 257.1 |
| 102.5° | 1379.8 | 1276.9 | 1379.8 | 1482.7 | 1508.5 | 1414.3 | 1288.6 | 1225.9 | 1014.6 | 592.0 | 275.1 |
| 105° | 1786.6 | 1731.4 | 1786.6 | 1842.0 | 1855.9 | 1644.7 | 1363.2 | 1222.4 | 1017.8 | 608.6 | 301.7 |
| 107.5° | 2053.3 | 2066.7 | 2053.3 | 2039.9 | 2036.6 | 1742.0 | 1349.3 | 1152.9 | 972.5 | 611.7 | 341.1 |
| 110° | 2155.0 | 2212.6 | 2155.0 | 2097.3 | 2082.9 | 1753.6 | 1314.5 | 1095.0 | 932.3 | 607.0 | 363.0 |



TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|
| 112.5° | 2164.0 | 2252.5 | 2164.0 | 2075.5 | 2053.4 | 1716.4 | 1267.1 | 1042.3 | 897.3 | 607.2 | 389.7 |
| 115° | 2106.6 | 2229.4 | 2106.6 | 1983.9 | 1953.2 | 1628.5 | 1195.6 | 979.2 | 857.0 | 612.8 | 429.6 |
| 117.5° | 1984.9 | 2121.1 | 1984.9 | 1848.8 | 1814.8 | 1521.8 | 1131.1 | 935.8 | 831.9 | 624.3 | 468.5 |
| 120° | 1887.0 | 2019.2 | 1887.0 | 1754.6 | 1721.5 | 1453.9 | 1096.9 | 918.4 | 823.4 | 633.4 | 491.0 |
| 122.5° | 1791.4 | 1921.9 | 1791.4 | 1660.9 | 1628.3 | 1387.3 | 1065.8 | 905.0 | 818.9 | 646.8 | 517.7 |
| 125° | 1655.2 | 1775.4 | 1655.2 | 1535.0 | 1505.0 | 1300.1 | 1027.1 | 890.6 | 815.3 | 664.7 | 551.8 |
| 127.5° | 1532.7 | 1634.1 | 1532.7 | 1431.3 | 1406.0 | 1230.1 | 995.6 | 878.4 | 813.2 | 682.8 | 584.9 |
| 130° | 1460.5 | 1554.2 | 1460.5 | 1366.9 | 1343.5 | 1186.9 | 978.2 | 873.9 | 814.5 | 695.8 | 606.8 |
| 132.5° | 1395.0 | 1478.9 | 1395.0 | 1311.1 | 1290.1 | 1150.0 | 963.1 | 869.7 | 815.3 | 706.5 | 624.8 |
| 135° | 1305.3 | 1377.6 | 1305.3 | 1233.0 | 1214.9 | 1097.5 | 941.1 | 862.8 | 814.5 | 718.1 | 645.7 |
| 137.5° | 1233.3 | 1292.5 | 1233.3 | 1174.0 | 1159.3 | 1060.1 | 927.7 | 861.6 | 819.6 | 735.4 | 672.3 |
| 140° | 1183.9 | 1239.2 | 1183.9 | 1128.6 | 1114.7 | 1029.0 | 914.8 | 857.6 | 820.4 | 746.0 | 690.2 |
| 142.5° | 1142.9 | 1190.6 | 1142.9 | 1095.3 | 1083.4 | 1008.2 | 907.8 | 857.6 | 823.4 | 755.0 | 703.6 |
| 145° | 1081.6 | 1117.6 | 1081.6 | 1045.5 | 1036.6 | 975.0 | 892.9 | 851.8 | 823.4 | 766.5 | 723.8 |
| 147.5° | 1034.4 | 1064.3 | 1034.4 | 1004.6 | 997.1 | 948.7 | 884.1 | 851.8 | 829.0 | 783.5 | 749.3 |
| 150° | 1004.8 | 1029.0 | 1004.8 | 980.6 | 974.5 | 933.6 | 879.1 | 851.8 | 832.0 | 792.3 | 762.6 |
| 152.5° | 979.4 | 997.7 | 979.4 | 961.2 | 956.6 | 921.7 | 875.1 | 851.8 | 833.9 | 798.1 | 771.3 |
| 155° | 950.3 | 962.4 | 950.3 | 938.2 | 935.2 | 907.4 | 870.3 | 851.8 | 838.2 | 810.9 | 790.4 |
| 157.5° | 927.3 | 935.8 | 927.3 | 918.8 | 916.6 | 895.1 | 866.2 | 851.8 | 842.4 | 823.6 | 809.5 |
| 160° | 913.5 | 918.4 | 913.5 | 908.6 | 907.4 | 888.9 | 864.1 | 851.8 | 844.3 | 829.4 | 818.2 |
| 162.5° | 904.5 | 909.2 | 904.5 | 899.8 | 898.7 | 883.1 | 862.3 | 851.8 | 846.4 | 835.6 | 827.5 |
| 165° | 891.5 | 896.4 | 891.5 | 886.6 | 885.4 | 874.2 | 859.3 | 851.8 | 849.4 | 844.4 | 840.8 |
| 167.5° | 882.2 | 884.2 | 882.2 | 880.1 | 879.6 | 872.3 | 862.5 | 857.6 | 855.5 | 851.4 | 848.4 |
| 170° | 879.6 | 879.6 | 879.6 | 879.6 | 879.6 | 872.3 | 862.5 | 857.6 | 857.5 | 857.2 | 857.0 |
| 172.5° | 872.7 | 871.0 | 872.7 | 874.5 | 875.0 | 869.2 | 861.4 | 857.6 | 857.6 | 857.6 | 857.6 |
| 175° | 868.6 | 868.6 | 868.6 | 868.6 | 868.6 | 865.0 | 860.0 | 857.6 | 858.7 | 861.1 | 862.8 |
| 177.5° | 864.9 | 862.8 | 864.9 | 866.9 | 867.4 | 864.5 | 860.7 | 858.7 | 859.7 | 861.4 | 862.8 |
| 180° | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 |



TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5° | 2002.4 | 1991.2 | 1991.2 | 1972.5 | 1965.0 | 1959.4 | 1950.1 | 1922.1 | 1914.6 | 1907.1 | 1918.3 |
| 5° | 2019.2 | 1998.7 | 1983.7 | 1950.1 | 1922.1 | 1910.9 | 1875.4 | 1808.1 | 1763.3 | 1729.7 | 1711.0 |
| 7.5° | 2023.0 | 1996.8 | 1968.8 | 1916.5 | 1849.2 | 1819.3 | 1711.0 | 1587.7 | 1554.1 | 1524.2 | 1505.5 |
| 10° | 2019.2 | 1989.3 | 1950.1 | 1871.6 | 1712.9 | 1660.6 | 1552.2 | 1471.9 | 1451.3 | 1445.7 | 1451.3 |
| 12.5° | 2006.1 | 1978.1 | 1923.9 | 1793.2 | 1570.9 | 1535.4 | 1471.9 | 1425.2 | 1421.5 | 1430.8 | 1481.2 |
| 15° | 1983.7 | 1957.6 | 1894.1 | 1688.6 | 1492.4 | 1466.3 | 1421.5 | 1404.6 | 1425.2 | 1490.6 | 1641.9 |
| 17.5° | 1961.3 | 1931.4 | 1853.0 | 1585.8 | 1432.7 | 1414.0 | 1382.2 | 1415.9 | 1531.7 | 1619.5 | 1669.9 |
| 20° | 1931.4 | 1895.9 | 1806.3 | 1511.1 | 1389.7 | 1372.9 | 1357.9 | 1509.3 | 1597.0 | 1628.8 | 1656.8 |
| 22.5° | 1895.9 | 1858.6 | 1742.8 | 1458.8 | 1344.9 | 1331.8 | 1341.1 | 1561.6 | 1597.0 | 1619.5 | 1643.7 |
| 25° | 1849.2 | 1817.5 | 1668.0 | 1417.7 | 1309.4 | 1294.4 | 1329.9 | 1556.0 | 1576.5 | 1582.1 | 1630.7 |
| 27.5° | 1806.3 | 1765.2 | 1589.6 | 1380.4 | 1266.4 | 1260.8 | 1339.3 | 1531.7 | 1546.6 | 1552.2 | 1604.5 |
| 30° | 1754.0 | 1692.3 | 1501.8 | 1341.1 | 1221.6 | 1219.7 | 1341.1 | 1501.8 | 1498.0 | 1513.0 | 1565.3 |
| 32.5° | 1699.8 | 1584.0 | 1402.8 | 1292.6 | 1178.6 | 1176.7 | 1328.1 | 1456.9 | 1453.2 | 1473.8 | 1513.0 |
| 35° | 1649.4 | 1499.9 | 1268.3 | 1236.5 | 1124.4 | 1126.3 | 1296.3 | 1404.6 | 1406.5 | 1425.2 | 1449.5 |
| 37.5° | 1597.0 | 1427.1 | 1120.7 | 1174.9 | 1072.2 | 1072.2 | 1253.3 | 1356.1 | 1352.3 | 1357.9 | 1391.6 |
| 40° | 1535.4 | 1313.1 | 990.0 | 1094.6 | 1023.7 | 1018.1 | 1201.0 | 1303.8 | 1290.7 | 1288.8 | 1335.5 |
| 42.5° | 1470.0 | 1188.0 | 892.9 | 988.2 | 967.6 | 960.2 | 1137.5 | 1240.3 | 1216.0 | 1221.6 | 1281.4 |
| 45° | 1399.0 | 1154.3 | 818.2 | 835.0 | 909.7 | 904.1 | 1068.5 | 1167.4 | 1150.6 | 1165.5 | 1227.2 |
| 47.5° | 1328.1 | 1087.2 | 793.9 | 693.0 | 848.1 | 846.2 | 991.9 | 1096.5 | 1087.2 | 1102.1 | 1167.4 |
| 50° | 1230.9 | 1012.5 | 792.0 | 594.0 | 779.0 | 786.4 | 900.4 | 1027.4 | 1027.4 | 1040.5 | 1109.6 |
| 52.5° | 1105.9 | 920.9 | 719.2 | 538.0 | 698.6 | 721.0 | 820.1 | 967.6 | 971.4 | 984.4 | 1046.1 |
| 55° | 991.9 | 825.7 | 666.9 | 495.0 | 603.4 | 651.9 | 741.6 | 906.0 | 913.5 | 926.5 | 982.6 |
| 57.5° | 887.3 | 687.4 | 655.7 | 444.6 | 515.6 | 562.3 | 672.5 | 846.2 | 849.9 | 861.1 | 915.3 |
| 60° | 775.2 | 496.9 | 601.5 | 390.4 | 439.0 | 474.5 | 609.0 | 775.2 | 788.3 | 795.8 | 842.5 |
| 62.5° | 648.2 | 360.5 | 545.5 | 353.1 | 401.6 | 409.1 | 556.7 | 708.0 | 724.8 | 730.4 | 758.4 |
| 65° | 461.4 | 302.6 | 463.3 | 321.3 | 362.4 | 364.3 | 500.6 | 638.9 | 653.8 | 663.1 | 683.7 |
| 67.5° | 312.0 | 246.6 | 353.1 | 291.4 | 332.5 | 334.4 | 446.5 | 558.5 | 579.1 | 586.6 | 599.6 |
| 70° | 216.7 | 164.4 | 261.5 | 259.7 | 298.9 | 302.6 | 388.5 | 485.7 | 504.4 | 510.0 | 517.4 |
| 72.5° | 158.8 | 132.6 | 216.7 | 233.5 | 263.4 | 267.1 | 328.8 | 403.5 | 422.2 | 427.8 | 431.5 |
| 75° | 121.4 | 140.1 | 175.6 | 203.6 | 224.2 | 226.0 | 269.0 | 328.8 | 341.8 | 345.6 | 347.4 |
| 77.5° | 97.1 | 130.8 | 128.9 | 164.4 | 183.1 | 179.3 | 211.1 | 254.0 | 265.3 | 265.3 | 265.3 |
| 80° | 72.9 | 102.7 | 97.1 | 117.7 | 134.5 | 130.8 | 151.3 | 181.2 | 184.9 | 188.7 | 186.8 |
| 82.5° | 54.2 | 65.4 | 65.4 | 74.7 | 89.7 | 85.9 | 100.9 | 117.7 | 117.7 | 117.7 | 121.4 |
| 85° | 33.6 | 37.4 | 29.9 | 39.2 | 50.4 | 48.6 | 56.0 | 63.5 | 65.4 | 65.4 | 61.6 |
| 87.5° | 20.5 | 16.8 | 9.3 | 14.9 | 22.4 | 22.4 | 26.2 | 28.0 | 26.2 | 26.2 | 26.2 |
| 90° | 15.1 | 10.5 | 5.8 | 10.5 | 15.1 | 16.3 | 25.5 | 37.8 | 44.0 | 39.1 | 29.3 |
| 92.5° | 102.0 | 62.6 | 23.2 | 62.6 | 102.0 | 111.8 | 157.2 | 217.6 | 247.9 | 217.2 | 156.0 |
| 95° | 199.7 | 127.7 | 55.6 | 127.7 | 199.7 | 217.7 | 386.6 | 611.8 | 724.4 | 646.4 | 490.4 |
| 97.5° | 223.3 | 159.7 | 96.1 | 159.7 | 223.3 | 239.2 | 520.8 | 896.3 | 1084.0 | 1034.7 | 936.1 |
| 100° | 242.7 | 185.0 | 127.4 | 185.0 | 242.7 | 257.1 | 569.6 | 986.3 | 1194.6 | 1198.2 | 1205.4 |
| 102.5° | 261.6 | 207.8 | 154.0 | 207.8 | 261.6 | 275.1 | 592.0 | 1014.6 | 1225.9 | 1288.6 | 1414.3 |
| 105° | 290.3 | 244.8 | 199.2 | 244.8 | 290.3 | 301.7 | 608.6 | 1017.8 | 1222.4 | 1363.2 | 1644.7 |
| 107.5° | 330.4 | 288.0 | 245.5 | 288.0 | 330.4 | 341.1 | 611.7 | 972.5 | 1152.9 | 1349.3 | 1742.0 |
| 110° | 353.4 | 315.1 | 276.8 | 315.1 | 353.4 | 363.0 | 607.0 | 932.3 | 1095.0 | 1314.5 | 1753.6 |



TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|--------|--------|--------|
| 112.5° | 380.5 | 344.0 | 307.5 | 344.0 | 380.5 | 389.7 | 607.2 | 897.3 | 1042.3 | 1267.1 | 1716.4 |
| 115° | 421.2 | 387.5 | 353.8 | 387.5 | 421.2 | 429.6 | 612.8 | 857.0 | 979.2 | 1195.6 | 1628.5 |
| 117.5° | 460.8 | 430.2 | 399.6 | 430.2 | 460.8 | 468.5 | 624.3 | 831.9 | 935.8 | 1131.1 | 1521.8 |
| 120° | 483.8 | 455.0 | 426.2 | 455.0 | 483.8 | 491.0 | 633.4 | 823.4 | 918.4 | 1096.9 | 1453.9 |
| 122.5° | 510.4 | 481.4 | 452.2 | 481.4 | 510.4 | 517.7 | 646.8 | 818.9 | 905.0 | 1065.8 | 1387.3 |
| 125° | 545.2 | 518.7 | 492.2 | 518.7 | 545.2 | 551.8 | 664.7 | 815.3 | 890.6 | 1027.1 | 1300.1 |
| 127.5° | 578.1 | 551.4 | 524.6 | 551.4 | 578.1 | 584.9 | 682.8 | 813.2 | 878.4 | 995.6 | 1230.1 |
| 130° | 599.6 | 570.8 | 542.0 | 570.8 | 599.6 | 606.8 | 695.8 | 814.5 | 873.9 | 978.2 | 1186.9 |
| 132.5° | 617.7 | 588.8 | 559.9 | 588.8 | 617.7 | 624.8 | 706.5 | 815.3 | 869.7 | 963.1 | 1150.0 |
| 135° | 639.1 | 612.8 | 586.6 | 612.8 | 639.1 | 645.7 | 718.1 | 814.5 | 862.8 | 941.1 | 1097.5 |
| 137.5° | 665.8 | 639.8 | 613.8 | 639.8 | 665.8 | 672.3 | 735.4 | 819.6 | 861.6 | 927.7 | 1060.1 |
| 140° | 684.2 | 660.3 | 636.4 | 660.3 | 684.2 | 690.2 | 746.0 | 820.4 | 857.6 | 914.8 | 1029.0 |
| 142.5° | 698.1 | 675.9 | 653.8 | 675.9 | 698.1 | 703.6 | 755.0 | 823.4 | 857.6 | 907.8 | 1008.2 |
| 145° | 719.0 | 699.8 | 680.4 | 699.8 | 719.0 | 723.8 | 766.5 | 823.4 | 851.8 | 892.9 | 975.0 |
| 147.5° | 744.7 | 725.8 | 707.0 | 725.8 | 744.7 | 749.3 | 783.5 | 829.0 | 851.8 | 884.1 | 948.7 |
| 150° | 758.4 | 741.4 | 724.4 | 741.4 | 758.4 | 762.6 | 792.3 | 832.0 | 851.8 | 879.1 | 933.6 |
| 152.5° | 768.1 | 755.2 | 742.3 | 755.2 | 768.1 | 771.3 | 798.1 | 833.9 | 851.8 | 875.1 | 921.7 |
| 155° | 788.0 | 778.5 | 769.0 | 778.5 | 788.0 | 790.4 | 810.9 | 838.2 | 851.8 | 870.3 | 907.4 |
| 157.5° | 807.2 | 797.9 | 788.7 | 797.9 | 807.2 | 809.5 | 823.6 | 842.4 | 851.8 | 866.2 | 895.1 |
| 160° | 816.4 | 809.2 | 802.0 | 809.2 | 816.4 | 818.2 | 829.4 | 844.3 | 851.8 | 864.1 | 888.9 |
| 162.5° | 826.1 | 820.7 | 815.3 | 820.7 | 826.1 | 827.5 | 835.6 | 846.4 | 851.8 | 862.3 | 883.1 |
| 165° | 839.6 | 834.6 | 829.8 | 834.6 | 839.6 | 840.8 | 844.4 | 849.4 | 851.8 | 859.3 | 874.2 |
| 167.5° | 847.8 | 845.5 | 843.1 | 845.5 | 847.8 | 848.4 | 851.4 | 855.5 | 857.6 | 862.5 | 872.3 |
| 170° | 856.5 | 854.1 | 851.8 | 854.1 | 856.5 | 857.0 | 857.2 | 857.5 | 857.6 | 862.5 | 872.3 |
| 172.5° | 857.5 | 856.9 | 856.5 | 856.9 | 857.5 | 857.6 | 857.6 | 857.6 | 857.6 | 861.4 | 869.2 |
| 175° | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 861.1 | 858.7 | 857.6 | 860.0 | 865.0 |
| 177.5° | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 861.4 | 859.7 | 858.7 | 860.7 | 864.5 |
| 180° | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 |



TEST NUMBER: P934808
 CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5° | 1905.3 | 1899.7 | 1907.1 | 1886.6 | 1907.1 | 1899.7 | 1905.3 | 1918.3 | 1907.1 | 1914.6 | 1922.1 |
| 5° | 1671.8 | 1662.4 | 1632.5 | 1608.3 | 1632.5 | 1662.4 | 1671.8 | 1711.0 | 1729.7 | 1763.3 | 1808.1 |
| 7.5° | 1494.3 | 1486.8 | 1479.4 | 1464.4 | 1479.4 | 1486.8 | 1494.3 | 1505.5 | 1524.2 | 1554.1 | 1587.7 |
| 10° | 1455.1 | 1456.9 | 1468.2 | 1466.3 | 1468.2 | 1456.9 | 1455.1 | 1451.3 | 1445.7 | 1451.3 | 1471.9 |
| 12.5° | 1556.0 | 1572.8 | 1634.4 | 1630.7 | 1634.4 | 1572.8 | 1556.0 | 1481.2 | 1430.8 | 1421.5 | 1425.2 |
| 15° | 1671.8 | 1677.4 | 1690.4 | 1692.3 | 1690.4 | 1677.4 | 1671.8 | 1641.9 | 1490.6 | 1425.2 | 1404.6 |
| 17.5° | 1683.0 | 1684.8 | 1694.2 | 1694.2 | 1694.2 | 1684.8 | 1683.0 | 1669.9 | 1619.5 | 1531.7 | 1415.9 |
| 20° | 1673.6 | 1677.4 | 1696.1 | 1699.8 | 1696.1 | 1677.4 | 1673.6 | 1656.8 | 1628.8 | 1597.0 | 1509.3 |
| 22.5° | 1669.9 | 1677.4 | 1692.3 | 1690.4 | 1692.3 | 1677.4 | 1669.9 | 1643.7 | 1619.5 | 1597.0 | 1561.6 |
| 25° | 1651.2 | 1651.2 | 1653.1 | 1655.0 | 1653.1 | 1651.2 | 1651.2 | 1630.7 | 1582.1 | 1576.5 | 1556.0 |
| 27.5° | 1612.0 | 1615.7 | 1626.9 | 1625.1 | 1626.9 | 1615.7 | 1612.0 | 1604.5 | 1552.2 | 1546.6 | 1531.7 |
| 30° | 1576.5 | 1572.8 | 1563.4 | 1556.0 | 1563.4 | 1572.8 | 1576.5 | 1565.3 | 1513.0 | 1498.0 | 1501.8 |
| 32.5° | 1516.7 | 1507.4 | 1498.0 | 1492.4 | 1498.0 | 1507.4 | 1516.7 | 1513.0 | 1473.8 | 1453.2 | 1456.9 |
| 35° | 1445.7 | 1447.6 | 1445.7 | 1440.1 | 1445.7 | 1447.6 | 1445.7 | 1449.5 | 1425.2 | 1406.5 | 1404.6 |
| 37.5° | 1395.3 | 1399.0 | 1397.2 | 1389.7 | 1397.2 | 1399.0 | 1395.3 | 1391.6 | 1357.9 | 1352.3 | 1356.1 |
| 40° | 1343.0 | 1344.9 | 1343.0 | 1337.4 | 1343.0 | 1344.9 | 1343.0 | 1335.5 | 1288.8 | 1290.7 | 1303.8 |
| 42.5° | 1292.6 | 1290.7 | 1285.1 | 1281.4 | 1285.1 | 1290.7 | 1292.6 | 1281.4 | 1221.6 | 1216.0 | 1240.3 |
| 45° | 1234.7 | 1236.5 | 1225.3 | 1219.7 | 1225.3 | 1236.5 | 1234.7 | 1227.2 | 1165.5 | 1150.6 | 1167.4 |
| 47.5° | 1176.7 | 1176.7 | 1167.4 | 1161.8 | 1167.4 | 1176.7 | 1176.7 | 1167.4 | 1102.1 | 1087.2 | 1096.5 |
| 50° | 1115.1 | 1113.3 | 1100.3 | 1098.4 | 1100.3 | 1113.3 | 1115.1 | 1109.6 | 1040.5 | 1027.4 | 1027.4 |
| 52.5° | 1044.2 | 1044.2 | 1046.1 | 1049.8 | 1046.1 | 1044.2 | 1044.2 | 1046.1 | 984.4 | 971.4 | 967.6 |
| 55° | 982.6 | 984.4 | 997.5 | 1001.2 | 997.5 | 984.4 | 982.6 | 982.6 | 926.5 | 913.5 | 906.0 |
| 57.5° | 919.1 | 919.1 | 928.4 | 928.4 | 928.4 | 919.1 | 919.1 | 915.3 | 861.1 | 849.9 | 846.2 |
| 60° | 846.2 | 849.9 | 857.4 | 855.5 | 857.4 | 849.9 | 846.2 | 842.5 | 795.8 | 788.3 | 775.2 |
| 62.5° | 769.6 | 773.4 | 775.2 | 771.5 | 775.2 | 773.4 | 769.6 | 758.4 | 730.4 | 724.8 | 708.0 |
| 65° | 689.3 | 693.0 | 694.9 | 691.2 | 694.9 | 693.0 | 689.3 | 683.7 | 663.1 | 653.8 | 638.9 |
| 67.5° | 607.1 | 605.2 | 603.4 | 610.8 | 603.4 | 605.2 | 607.1 | 599.6 | 586.6 | 579.1 | 558.5 |
| 70° | 523.0 | 523.0 | 521.2 | 524.9 | 521.2 | 523.0 | 523.0 | 517.4 | 510.0 | 504.4 | 485.7 |
| 72.5° | 433.4 | 431.5 | 439.0 | 433.4 | 439.0 | 431.5 | 433.4 | 431.5 | 427.8 | 422.2 | 403.5 |
| 75° | 345.6 | 349.3 | 345.6 | 351.2 | 345.6 | 349.3 | 345.6 | 347.4 | 345.6 | 341.8 | 328.8 |
| 77.5° | 263.4 | 267.1 | 263.4 | 263.4 | 263.4 | 267.1 | 263.4 | 265.3 | 265.3 | 265.3 | 254.0 |
| 80° | 186.8 | 184.9 | 184.9 | 183.1 | 184.9 | 184.9 | 186.8 | 186.8 | 188.7 | 184.9 | 181.2 |
| 82.5° | 119.6 | 117.7 | 117.7 | 121.4 | 117.7 | 117.7 | 119.6 | 121.4 | 117.7 | 117.7 | 117.7 |
| 85° | 65.4 | 67.2 | 63.5 | 63.5 | 63.5 | 67.2 | 65.4 | 61.6 | 65.4 | 65.4 | 63.5 |
| 87.5° | 24.3 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 24.3 | 26.2 | 26.2 | 26.2 | 28.0 |
| 90° | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 29.3 | 39.1 | 44.0 | 37.8 |
| 92.5° | 110.0 | 105.6 | 88.2 | 70.6 | 88.2 | 105.6 | 110.0 | 156.0 | 217.2 | 247.9 | 217.6 |
| 95° | 373.5 | 360.2 | 307.3 | 254.2 | 307.3 | 360.2 | 373.5 | 490.4 | 646.4 | 724.4 | 611.8 |
| 97.5° | 862.3 | 837.1 | 736.1 | 635.2 | 736.1 | 837.1 | 862.3 | 936.1 | 1034.7 | 1084.0 | 896.3 |
| 100° | 1210.8 | 1180.8 | 1060.7 | 940.4 | 1060.7 | 1180.8 | 1210.8 | 1205.4 | 1198.2 | 1194.6 | 986.3 |
| 102.5° | 1508.5 | 1482.7 | 1379.8 | 1276.9 | 1379.8 | 1482.7 | 1508.5 | 1414.3 | 1288.6 | 1225.9 | 1014.6 |
| 105° | 1855.9 | 1842.0 | 1786.6 | 1731.4 | 1786.6 | 1842.0 | 1855.9 | 1644.7 | 1363.2 | 1222.4 | 1017.8 |
| 107.5° | 2036.6 | 2039.9 | 2053.3 | 2066.7 | 2053.3 | 2039.9 | 2036.6 | 1742.0 | 1349.3 | 1152.9 | 972.5 |
| 110° | 2082.9 | 2097.3 | 2155.0 | 2212.6 | 2155.0 | 2097.3 | 2082.9 | 1753.6 | 1314.5 | 1095.0 | 932.3 |



TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 2053.4 | 2075.5 | 2164.0 | 2252.5 | 2164.0 | 2075.5 | 2053.4 | 1716.4 | 1267.1 | 1042.3 | 897.3 |
| 115° | 1953.2 | 1983.9 | 2106.6 | 2229.4 | 2106.6 | 1983.9 | 1953.2 | 1628.5 | 1195.6 | 979.2 | 857.0 |
| 117.5° | 1814.8 | 1848.8 | 1984.9 | 2121.1 | 1984.9 | 1848.8 | 1814.8 | 1521.8 | 1131.1 | 935.8 | 831.9 |
| 120° | 1721.5 | 1754.6 | 1887.0 | 2019.2 | 1887.0 | 1754.6 | 1721.5 | 1453.9 | 1096.9 | 918.4 | 823.4 |
| 122.5° | 1628.3 | 1660.9 | 1791.4 | 1921.9 | 1791.4 | 1660.9 | 1628.3 | 1387.3 | 1065.8 | 905.0 | 818.9 |
| 125° | 1505.0 | 1535.0 | 1655.2 | 1775.4 | 1655.2 | 1535.0 | 1505.0 | 1300.1 | 1027.1 | 890.6 | 815.3 |
| 127.5° | 1406.0 | 1431.3 | 1532.7 | 1634.1 | 1532.7 | 1431.3 | 1406.0 | 1230.1 | 995.6 | 878.4 | 813.2 |
| 130° | 1343.5 | 1366.9 | 1460.5 | 1554.2 | 1460.5 | 1366.9 | 1343.5 | 1186.9 | 978.2 | 873.9 | 814.5 |
| 132.5° | 1290.1 | 1311.1 | 1395.0 | 1478.9 | 1395.0 | 1311.1 | 1290.1 | 1150.0 | 963.1 | 869.7 | 815.3 |
| 135° | 1214.9 | 1233.0 | 1305.3 | 1377.6 | 1305.3 | 1233.0 | 1214.9 | 1097.5 | 941.1 | 862.8 | 814.5 |
| 137.5° | 1159.3 | 1174.0 | 1233.3 | 1292.5 | 1233.3 | 1174.0 | 1159.3 | 1060.1 | 927.7 | 861.6 | 819.6 |
| 140° | 1114.7 | 1128.6 | 1183.9 | 1239.2 | 1183.9 | 1128.6 | 1114.7 | 1029.0 | 914.8 | 857.6 | 820.4 |
| 142.5° | 1083.4 | 1095.3 | 1142.9 | 1190.6 | 1142.9 | 1095.3 | 1083.4 | 1008.2 | 907.8 | 857.6 | 823.4 |
| 145° | 1036.6 | 1045.5 | 1081.6 | 1117.6 | 1081.6 | 1045.5 | 1036.6 | 975.0 | 892.9 | 851.8 | 823.4 |
| 147.5° | 997.1 | 1004.6 | 1034.4 | 1064.3 | 1034.4 | 1004.6 | 997.1 | 948.7 | 884.1 | 851.8 | 829.0 |
| 150° | 974.5 | 980.6 | 1004.8 | 1029.0 | 1004.8 | 980.6 | 974.5 | 933.6 | 879.1 | 851.8 | 832.0 |
| 152.5° | 956.6 | 961.2 | 979.4 | 997.7 | 979.4 | 961.2 | 956.6 | 921.7 | 875.1 | 851.8 | 833.9 |
| 155° | 935.2 | 938.2 | 950.3 | 962.4 | 950.3 | 938.2 | 935.2 | 907.4 | 870.3 | 851.8 | 838.2 |
| 157.5° | 916.6 | 918.8 | 927.3 | 935.8 | 927.3 | 918.8 | 916.6 | 895.1 | 866.2 | 851.8 | 842.4 |
| 160° | 907.4 | 908.6 | 913.5 | 918.4 | 913.5 | 908.6 | 907.4 | 888.9 | 864.1 | 851.8 | 844.3 |
| 162.5° | 898.7 | 899.8 | 904.5 | 909.2 | 904.5 | 899.8 | 898.7 | 883.1 | 862.3 | 851.8 | 846.4 |
| 165° | 885.4 | 886.6 | 891.5 | 896.4 | 891.5 | 886.6 | 885.4 | 874.2 | 859.3 | 851.8 | 849.4 |
| 167.5° | 879.6 | 880.1 | 882.2 | 884.2 | 882.2 | 880.1 | 879.6 | 872.3 | 862.5 | 857.6 | 855.5 |
| 170° | 879.6 | 879.6 | 879.6 | 879.6 | 879.6 | 879.6 | 879.6 | 872.3 | 862.5 | 857.6 | 857.5 |
| 172.5° | 875.0 | 874.5 | 872.7 | 871.0 | 872.7 | 874.5 | 875.0 | 869.2 | 861.4 | 857.6 | 857.6 |
| 175° | 868.6 | 868.6 | 868.6 | 868.6 | 868.6 | 868.6 | 868.6 | 865.0 | 860.0 | 857.6 | 858.7 |
| 177.5° | 867.4 | 866.9 | 864.9 | 862.8 | 864.9 | 866.9 | 867.4 | 864.5 | 860.7 | 858.7 | 859.7 |
| 180° | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 |



TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5° | 1950.1 | 1959.4 | 1965.0 | 1972.5 | 1991.2 |
| 5° | 1875.4 | 1910.9 | 1922.1 | 1950.1 | 1983.7 |
| 7.5° | 1711.0 | 1819.3 | 1849.2 | 1916.5 | 1968.8 |
| 10° | 1552.2 | 1660.6 | 1712.9 | 1871.6 | 1950.1 |
| 12.5° | 1471.9 | 1535.4 | 1570.9 | 1793.2 | 1923.9 |
| 15° | 1421.5 | 1466.3 | 1492.4 | 1688.6 | 1894.1 |
| 17.5° | 1382.2 | 1414.0 | 1432.7 | 1585.8 | 1853.0 |
| 20° | 1357.9 | 1372.9 | 1389.7 | 1511.1 | 1806.3 |
| 22.5° | 1341.1 | 1331.8 | 1344.9 | 1458.8 | 1742.8 |
| 25° | 1329.9 | 1294.4 | 1309.4 | 1417.7 | 1668.0 |
| 27.5° | 1339.3 | 1260.8 | 1266.4 | 1380.4 | 1589.6 |
| 30° | 1341.1 | 1219.7 | 1221.6 | 1341.1 | 1501.8 |
| 32.5° | 1328.1 | 1176.7 | 1178.6 | 1292.6 | 1402.8 |
| 35° | 1296.3 | 1126.3 | 1124.4 | 1236.5 | 1268.3 |
| 37.5° | 1253.3 | 1072.2 | 1072.2 | 1174.9 | 1120.7 |
| 40° | 1201.0 | 1018.1 | 1023.7 | 1094.6 | 990.0 |
| 42.5° | 1137.5 | 960.2 | 967.6 | 988.2 | 892.9 |
| 45° | 1068.5 | 904.1 | 909.7 | 835.0 | 818.2 |
| 47.5° | 991.9 | 846.2 | 848.1 | 693.0 | 793.9 |
| 50° | 900.4 | 786.4 | 779.0 | 594.0 | 792.0 |
| 52.5° | 820.1 | 721.0 | 698.6 | 538.0 | 719.2 |
| 55° | 741.6 | 651.9 | 603.4 | 495.0 | 666.9 |
| 57.5° | 672.5 | 562.3 | 515.6 | 444.6 | 655.7 |
| 60° | 609.0 | 474.5 | 439.0 | 390.4 | 601.5 |
| 62.5° | 556.7 | 409.1 | 401.6 | 353.1 | 545.5 |
| 65° | 500.6 | 364.3 | 362.4 | 321.3 | 463.3 |
| 67.5° | 446.5 | 334.4 | 332.5 | 291.4 | 353.1 |
| 70° | 388.5 | 302.6 | 298.9 | 259.7 | 261.5 |
| 72.5° | 328.8 | 267.1 | 263.4 | 233.5 | 216.7 |
| 75° | 269.0 | 226.0 | 224.2 | 203.6 | 175.6 |
| 77.5° | 211.1 | 179.3 | 183.1 | 164.4 | 128.9 |
| 80° | 151.3 | 130.8 | 134.5 | 117.7 | 97.1 |
| 82.5° | 100.9 | 85.9 | 89.7 | 74.7 | 65.4 |
| 85° | 56.0 | 48.6 | 50.4 | 39.2 | 29.9 |
| 87.5° | 26.2 | 22.4 | 22.4 | 14.9 | 9.3 |
| 90° | 25.5 | 16.3 | 15.1 | 10.5 | 5.8 |
| 92.5° | 157.2 | 111.8 | 102.0 | 62.6 | 23.2 |
| 95° | 386.6 | 217.7 | 199.7 | 127.7 | 55.6 |
| 97.5° | 520.8 | 239.2 | 223.3 | 159.7 | 96.1 |
| 100° | 569.6 | 257.1 | 242.7 | 185.0 | 127.4 |
| 102.5° | 592.0 | 275.1 | 261.6 | 207.8 | 154.0 |
| 105° | 608.6 | 301.7 | 290.3 | 244.8 | 199.2 |
| 107.5° | 611.7 | 341.1 | 330.4 | 288.0 | 245.5 |
| 110° | 607.0 | 363.0 | 353.4 | 315.1 | 276.8 |



TEST NUMBER: P934808

CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 607.2 | 389.7 | 380.5 | 344.0 | 307.5 |
| 115° | 612.8 | 429.6 | 421.2 | 387.5 | 353.8 |
| 117.5° | 624.3 | 468.5 | 460.8 | 430.2 | 399.6 |
| 120° | 633.4 | 491.0 | 483.8 | 455.0 | 426.2 |
| 122.5° | 646.8 | 517.7 | 510.4 | 481.4 | 452.2 |
| 125° | 664.7 | 551.8 | 545.2 | 518.7 | 492.2 |
| 127.5° | 682.8 | 584.9 | 578.1 | 551.4 | 524.6 |
| 130° | 695.8 | 606.8 | 599.6 | 570.8 | 542.0 |
| 132.5° | 706.5 | 624.8 | 617.7 | 588.8 | 559.9 |
| 135° | 718.1 | 645.7 | 639.1 | 612.8 | 586.6 |
| 137.5° | 735.4 | 672.3 | 665.8 | 639.8 | 613.8 |
| 140° | 746.0 | 690.2 | 684.2 | 660.3 | 636.4 |
| 142.5° | 755.0 | 703.6 | 698.1 | 675.9 | 653.8 |
| 145° | 766.5 | 723.8 | 719.0 | 699.8 | 680.4 |
| 147.5° | 783.5 | 749.3 | 744.7 | 725.8 | 707.0 |
| 150° | 792.3 | 762.6 | 758.4 | 741.4 | 724.4 |
| 152.5° | 798.1 | 771.3 | 768.1 | 755.2 | 742.3 |
| 155° | 810.9 | 790.4 | 788.0 | 778.5 | 769.0 |
| 157.5° | 823.6 | 809.5 | 807.2 | 797.9 | 788.7 |
| 160° | 829.4 | 818.2 | 816.4 | 809.2 | 802.0 |
| 162.5° | 835.6 | 827.5 | 826.1 | 820.7 | 815.3 |
| 165° | 844.4 | 840.8 | 839.6 | 834.6 | 829.8 |
| 167.5° | 851.4 | 848.4 | 847.8 | 845.5 | 843.1 |
| 170° | 857.2 | 857.0 | 856.5 | 854.1 | 851.8 |
| 172.5° | 857.6 | 857.6 | 857.5 | 856.9 | 856.5 |
| 175° | 861.1 | 862.8 | 862.8 | 862.8 | 862.8 |
| 177.5° | 861.4 | 862.8 | 862.8 | 862.8 | 862.8 |
| 180° | 862.8 | 862.8 | 862.8 | 862.8 | 862.8 |



TEST NUMBER: P934808
 CATALOG NUMBER: SQ4-FA-075U-075D-B50-1D-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 | 12.30 | 13.14 | 13.27 | 14.13 | 15.43 | 15.13 | 15.98 | 16.11 | 16.96 | 18.27 |
| | 3H | 12.77 | 13.53 | 13.76 | 14.52 | 15.85 | 16.48 | 17.23 | 17.47 | 18.23 | 19.56 |
| | 4H | 12.96 | 13.68 | 13.96 | 14.68 | 16.01 | 16.93 | 17.64 | 17.93 | 18.64 | 19.97 |
| | 6H | 13.08 | 13.74 | 14.09 | 14.74 | 16.09 | 17.21 | 17.87 | 18.22 | 18.88 | 20.22 |
| | 8H | 13.08 | 13.71 | 14.10 | 14.73 | 16.07 | 17.29 | 17.91 | 18.30 | 18.94 | 20.28 |
| | 12H | 13.05 | 13.65 | 14.07 | 14.66 | 16.03 | 17.33 | 17.92 | 18.35 | 18.94 | 20.30 |
| 4H | 2H | 13.33 | 14.04 | 14.33 | 15.04 | 16.38 | 15.54 | 16.25 | 16.55 | 17.26 | 18.59 |
| | 3H | 14.35 | 14.95 | 15.37 | 15.98 | 17.33 | 17.05 | 17.64 | 18.06 | 18.67 | 20.02 |
| | 4H | 14.63 | 15.17 | 15.65 | 16.20 | 17.56 | 17.58 | 18.12 | 18.60 | 19.14 | 20.51 |
| | 6H | 14.75 | 15.22 | 15.79 | 16.27 | 17.63 | 17.94 | 18.41 | 18.98 | 19.46 | 20.82 |
| | 8H | 14.76 | 15.20 | 15.79 | 16.23 | 17.61 | 18.05 | 18.49 | 19.08 | 19.53 | 20.91 |
| | 12H | 14.72 | 15.12 | 15.78 | 16.17 | 17.56 | 18.11 | 18.50 | 19.16 | 19.56 | 20.94 |
| 8H | 4H | 15.08 | 15.52 | 16.12 | 16.56 | 17.94 | 17.70 | 18.14 | 18.73 | 19.17 | 20.55 |
| | 6H | 15.34 | 15.70 | 16.40 | 16.79 | 18.16 | 18.14 | 18.50 | 19.19 | 19.58 | 20.96 |
| | 8H | 15.39 | 15.70 | 16.45 | 16.77 | 18.17 | 18.29 | 18.61 | 19.36 | 19.67 | 21.07 |
| | 12H | 15.37 | 15.65 | 16.44 | 16.71 | 18.15 | 18.39 | 18.67 | 19.46 | 19.73 | 21.17 |
| 12H | 4H | 15.09 | 15.48 | 16.14 | 16.54 | 17.92 | 17.66 | 18.06 | 18.71 | 19.11 | 20.50 |
| | 6H | 15.40 | 15.72 | 16.47 | 16.79 | 18.18 | 18.13 | 18.45 | 19.20 | 19.52 | 20.91 |
| | 8H | 15.47 | 15.75 | 16.54 | 16.81 | 18.25 | 18.29 | 18.57 | 19.36 | 19.63 | 21.07 |