

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: P935469

Luminaire Tested: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935469
REPORT IS A COMBINATION OF REPORTS P933753 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

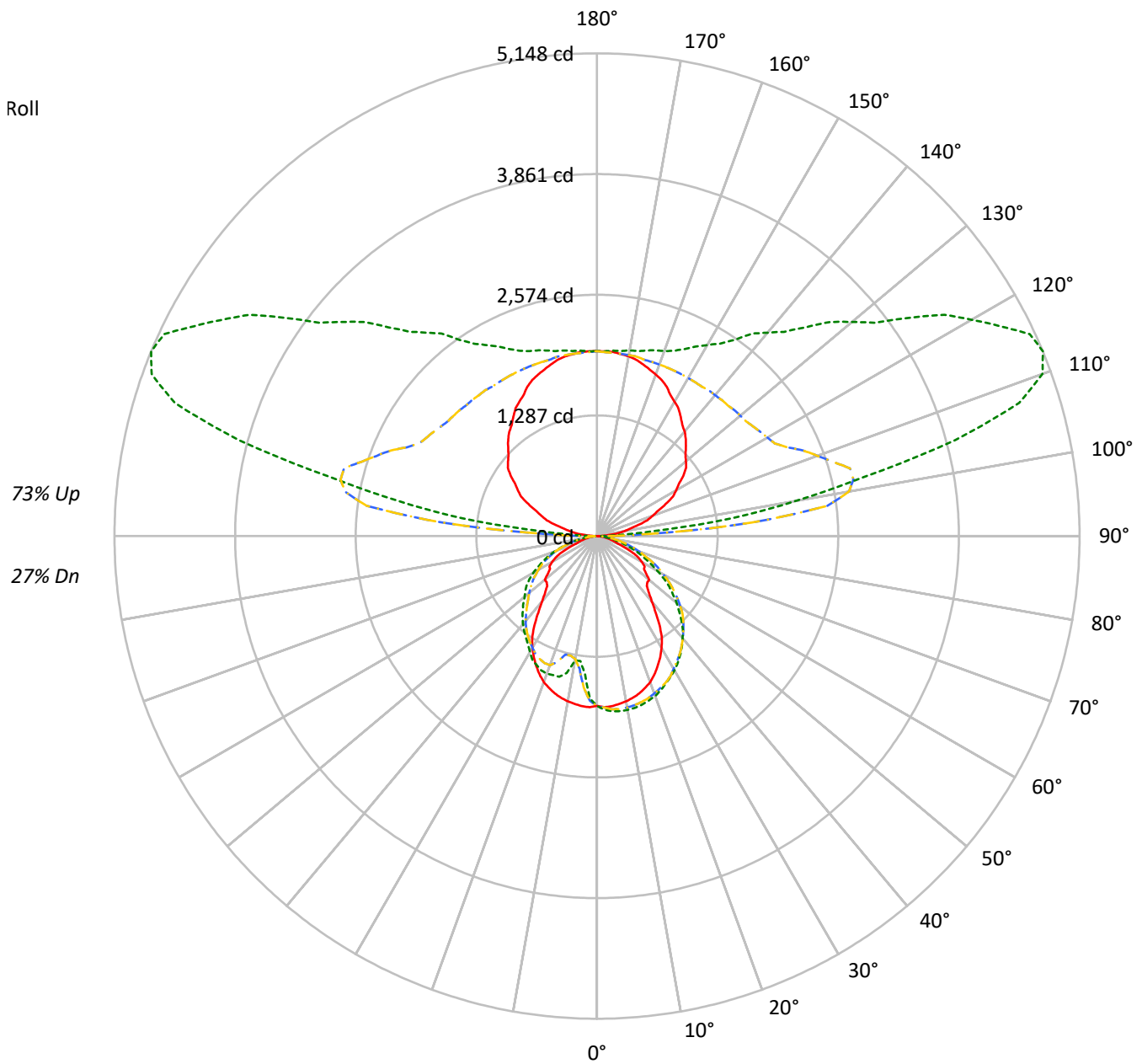
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17488.2 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 142.8
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: P935469
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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 | | | | 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 | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 52 | 52 | 52 | 35 | 35 | 35 | | | | 27 |
| 1 | 93 | 88 | 85 | 81 | 83 | 79 | 76 | 73 | 62 | 60 | 58 | 46 | 44 | 43 | 31 | 30 | 29 | | | | 23 |
| 2 | 84 | 77 | 71 | 66 | 75 | 69 | 64 | 60 | 54 | 51 | 48 | 40 | 38 | 36 | 27 | 26 | 25 | | | | 19 |
| 3 | 77 | 68 | 61 | 55 | 68 | 61 | 55 | 50 | 48 | 43 | 40 | 35 | 33 | 30 | 24 | 22 | 21 | | | | 16 |
| 4 | 70 | 60 | 52 | 47 | 62 | 54 | 47 | 42 | 42 | 38 | 34 | 31 | 28 | 26 | 21 | 20 | 18 | | | | 14 |
| 5 | 64 | 53 | 45 | 40 | 57 | 48 | 41 | 36 | 38 | 33 | 29 | 28 | 25 | 22 | 19 | 17 | 16 | | | | 12 |
| 6 | 59 | 48 | 40 | 34 | 53 | 43 | 36 | 31 | 34 | 29 | 25 | 25 | 22 | 19 | 17 | 15 | 14 | | | | 10 |
| 7 | 55 | 43 | 35 | 30 | 49 | 38 | 32 | 27 | 30 | 26 | 22 | 23 | 20 | 17 | 16 | 14 | 12 | | | | 9 |
| 8 | 50 | 39 | 31 | 26 | 45 | 35 | 28 | 24 | 28 | 23 | 19 | 21 | 18 | 15 | 15 | 12 | 11 | | | | 8 |
| 9 | 47 | 35 | 28 | 23 | 42 | 32 | 25 | 21 | 25 | 21 | 17 | 19 | 16 | 14 | 13 | 11 | 10 | | | | 7 |
| 10 | 44 | 32 | 25 | 20 | 39 | 29 | 23 | 19 | 23 | 19 | 15 | 18 | 14 | 12 | 12 | 10 | 9 | | | | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 5604 | 5604 | 5604 | 5604 |
| 5° | 5648 | 5657 | 5648 | 4448 |
| 10° | 5613 | 5573 | 5613 | 3984 |
| 15° | 5554 | 5452 | 5554 | 4552 |
| 20° | 5440 | 5309 | 5440 | 4562 |
| 25° | 5204 | 5100 | 5204 | 4465 |
| 30° | 4899 | 4927 | 4899 | 4253 |
| 35° | 4369 | 4708 | 4369 | 4020 |
| 40° | 3643 | 4450 | 3643 | 3844 |
| 45° | 3257 | 4148 | 3257 | 3641 |
| 50° | 3463 | 3788 | 3463 | 3437 |
| 55° | 3261 | 3400 | 3261 | 3320 |
| 60° | 3366 | 2888 | 3366 | 3041 |
| 65° | 3057 | 2387 | 3057 | 2668 |
| 70° | 2122 | 1903 | 2122 | 2237 |
| 75° | 1867 | 1406 | 1867 | 1684 |
| 80° | 1515 | 930 | 1515 | 1012 |
| 85° | 888 | 493 | 888 | 419 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 4989 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 163.6 | 0.9 |
| 10°-20° | 464.4 | 2.7 |
| 20°-30° | 717.8 | 4.1 |
| 30°-40° | 857.0 | 4.9 |
| 40°-50° | 862.0 | 4.9 |
| 50°-60° | 750.0 | 4.3 |
| 60°-70° | 531.8 | 3.0 |
| 70°-80° | 281.3 | 1.6 |
| 80°-90° | 77.6 | 0.4 |
| 90°-100° | 961.2 | 5.5 |
| 100°-110° | 2527.0 | 14.4 |
| 110°-120° | 2620.2 | 15.0 |
| 120°-130° | 2101.7 | 12.0 |
| 130°-140° | 1649.1 | 9.4 |
| 140°-150° | 1265.8 | 7.2 |
| 150°-160° | 911.6 | 5.2 |
| 160°-170° | 557.7 | 3.2 |
| 170°-180° | 188.4 | 1.1 |
| 0°-30° | 1345.8 | 7.7 |
| 0°-40° | 2202.7 | 12.6 |
| 0°-60° | 3814.7 | 21.8 |
| 0°-90° | 4705.5 | 26.9 |
| 90°-120° | 6108.4 | 34.9 |
| 90°-150° | 11125.0 | 63.6 |
| 90°-180° | 12783.0 | 73.1 |
| 0°-180° | 17488.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1812 | 1812 | 1812 | 1812 | 1812 | |
| 5° | 1820 | 1877 | 1820 | 1476 | 1820 | 173 |
| 15° | 1738 | 1860 | 1738 | 1553 | 1738 | 489 |
| 25° | 1531 | 1735 | 1531 | 1519 | 1531 | 703 |
| 35° | 1164 | 1548 | 1164 | 1322 | 1164 | 720 |
| 45° | 751 | 1275 | 751 | 1119 | 751 | 601 |
| 55° | 612 | 941 | 612 | 919 | 612 | 562 |
| 65° | 425 | 567 | 425 | 634 | 425 | 406 |
| 75° | 161 | 269 | 161 | 322 | 161 | 169 |
| 85° | 27 | 69 | 27 | 58 | 27 | 37 |
| 90° | 13 | 50 | 13 | 50 | 13 | 12 |
| 95° | 127 | 581 | 127 | 581 | 127 | 141 |
| 105° | 455 | 3957 | 455 | 3957 | 455 | 483 |
| 115° | 808 | 5095 | 808 | 5095 | 808 | 799 |
| 125° | 1125 | 4058 | 1125 | 4058 | 1125 | 999 |
| 135° | 1341 | 3148 | 1341 | 3148 | 1341 | 1037 |
| 145° | 1555 | 2554 | 1555 | 2554 | 1555 | 974 |
| 155° | 1757 | 2199 | 1757 | 2199 | 1757 | 808 |
| 165° | 1896 | 2049 | 1896 | 2049 | 1896 | 535 |
| 175° | 1972 | 1985 | 1972 | 1985 | 1972 | 187 |
| 180° | 1972 | 1972 | 1972 | 1972 | 1972 | |



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CATALOG NUMBER: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 |
| 2.5° | 1827.3 | 1827.3 | 1837.6 | 1841.0 | 1841.0 | 1835.9 | 1830.8 | 1835.9 | 1851.3 | 1856.4 | 1854.7 |
| 5° | 1820.5 | 1834.2 | 1853.0 | 1856.4 | 1859.9 | 1858.2 | 1854.7 | 1858.2 | 1875.3 | 1878.7 | 1880.4 |
| 7.5° | 1806.8 | 1832.5 | 1856.4 | 1861.6 | 1866.7 | 1861.6 | 1859.9 | 1863.3 | 1880.4 | 1883.9 | 1883.9 |
| 10° | 1789.6 | 1825.6 | 1853.0 | 1856.4 | 1861.6 | 1856.4 | 1856.4 | 1863.3 | 1880.4 | 1883.9 | 1885.6 |
| 12.5° | 1765.6 | 1815.4 | 1841.0 | 1844.5 | 1851.3 | 1849.6 | 1847.9 | 1854.7 | 1871.9 | 1875.3 | 1875.3 |
| 15° | 1738.2 | 1796.4 | 1820.5 | 1823.9 | 1835.9 | 1832.5 | 1832.5 | 1839.3 | 1858.2 | 1863.3 | 1861.6 |
| 17.5° | 1700.5 | 1772.5 | 1799.9 | 1805.0 | 1813.7 | 1811.9 | 1813.7 | 1820.5 | 1837.6 | 1841.0 | 1842.8 |
| 20° | 1657.7 | 1739.9 | 1772.5 | 1777.6 | 1786.2 | 1786.2 | 1786.2 | 1794.7 | 1811.9 | 1818.8 | 1818.8 |
| 22.5° | 1599.4 | 1705.6 | 1739.9 | 1743.4 | 1753.6 | 1753.6 | 1757.1 | 1769.0 | 1784.4 | 1786.2 | 1786.2 |
| 25° | 1530.8 | 1667.9 | 1697.0 | 1707.3 | 1717.6 | 1722.7 | 1727.9 | 1734.8 | 1739.9 | 1738.2 | 1739.9 |
| 27.5° | 1458.8 | 1619.9 | 1657.7 | 1664.5 | 1678.2 | 1683.3 | 1690.2 | 1691.9 | 1693.6 | 1698.7 | 1695.3 |
| 30° | 1378.2 | 1553.0 | 1609.6 | 1616.5 | 1638.7 | 1642.2 | 1635.3 | 1638.7 | 1647.3 | 1650.8 | 1654.2 |
| 32.5° | 1287.4 | 1453.6 | 1559.9 | 1575.3 | 1595.9 | 1585.7 | 1583.9 | 1589.1 | 1602.8 | 1602.8 | 1606.2 |
| 35° | 1163.9 | 1376.5 | 1513.7 | 1527.4 | 1542.8 | 1530.8 | 1537.6 | 1539.3 | 1547.9 | 1553.0 | 1551.3 |
| 37.5° | 1028.5 | 1309.6 | 1465.6 | 1475.9 | 1487.9 | 1472.5 | 1482.7 | 1487.9 | 1494.7 | 1491.3 | 1491.3 |
| 40° | 908.5 | 1205.1 | 1409.0 | 1415.9 | 1426.2 | 1414.2 | 1424.5 | 1428.0 | 1431.4 | 1428.0 | 1426.2 |
| 42.5° | 819.4 | 1090.2 | 1349.1 | 1357.7 | 1350.8 | 1359.4 | 1362.8 | 1369.7 | 1364.5 | 1357.7 | 1357.7 |
| 45° | 750.8 | 1059.4 | 1284.0 | 1294.2 | 1284.0 | 1297.7 | 1302.8 | 1302.8 | 1287.4 | 1284.0 | 1282.2 |
| 47.5° | 728.5 | 997.7 | 1218.8 | 1218.8 | 1213.7 | 1230.8 | 1239.3 | 1227.4 | 1212.0 | 1206.8 | 1206.8 |
| 50° | 726.8 | 929.1 | 1129.7 | 1122.8 | 1146.8 | 1167.3 | 1158.8 | 1146.8 | 1134.8 | 1115.9 | 1115.9 |
| 52.5° | 660.0 | 845.1 | 1014.8 | 1040.5 | 1078.2 | 1090.2 | 1076.5 | 1064.5 | 1044.0 | 1035.4 | 1028.5 |
| 55° | 612.0 | 757.7 | 910.2 | 961.7 | 1001.1 | 1016.5 | 990.8 | 978.8 | 947.9 | 942.8 | 939.4 |
| 57.5° | 601.7 | 630.8 | 814.3 | 879.3 | 927.4 | 925.7 | 910.2 | 888.0 | 862.2 | 857.1 | 855.4 |
| 60° | 552.0 | 456.0 | 711.4 | 788.5 | 838.2 | 833.1 | 819.4 | 798.8 | 774.8 | 771.4 | 768.0 |
| 62.5° | 500.6 | 330.8 | 594.8 | 682.3 | 752.5 | 750.8 | 738.9 | 707.9 | 690.8 | 682.3 | 675.4 |
| 65° | 425.1 | 277.7 | 423.4 | 567.4 | 668.6 | 672.0 | 646.2 | 624.0 | 605.1 | 594.8 | 593.1 |
| 67.5° | 324.0 | 226.3 | 286.3 | 473.1 | 588.0 | 584.6 | 552.0 | 541.7 | 517.7 | 512.6 | 502.3 |
| 70° | 240.0 | 150.9 | 198.9 | 384.0 | 509.2 | 500.6 | 474.8 | 462.8 | 440.6 | 428.6 | 421.7 |
| 72.5° | 198.9 | 121.7 | 145.7 | 298.3 | 428.6 | 418.2 | 396.0 | 382.3 | 363.4 | 353.2 | 346.3 |
| 75° | 161.1 | 128.6 | 111.4 | 221.1 | 348.0 | 341.1 | 320.5 | 306.8 | 291.4 | 277.7 | 279.4 |
| 77.5° | 118.3 | 120.0 | 89.1 | 162.8 | 276.0 | 265.7 | 253.7 | 236.6 | 229.7 | 216.0 | 216.0 |
| 80° | 89.1 | 94.3 | 66.9 | 111.4 | 198.9 | 198.9 | 188.5 | 176.5 | 164.5 | 157.7 | 157.7 |
| 82.5° | 60.0 | 60.0 | 49.7 | 70.3 | 135.4 | 130.3 | 123.5 | 120.0 | 113.1 | 109.7 | 109.7 |
| 85° | 27.4 | 34.3 | 30.8 | 42.9 | 73.7 | 77.1 | 77.1 | 73.7 | 72.0 | 68.6 | 70.3 |
| 87.5° | 8.6 | 15.4 | 18.8 | 24.0 | 37.7 | 39.4 | 41.2 | 41.2 | 41.2 | 42.9 | 42.9 |
| 90° | 13.2 | 23.8 | 34.4 | 37.1 | 58.2 | 86.4 | 100.5 | 89.4 | 67.1 | 50.3 | 50.3 |
| 92.5° | 52.9 | 142.9 | 232.9 | 255.4 | 359.1 | 497.3 | 566.4 | 496.4 | 356.4 | 251.4 | 241.5 |
| 95° | 127.0 | 291.7 | 456.4 | 497.6 | 883.5 | 1398.2 | 1655.5 | 1477.3 | 1120.9 | 853.6 | 823.3 |
| 97.5° | 219.6 | 364.9 | 510.3 | 546.6 | 1190.2 | 2048.3 | 2477.4 | 2364.7 | 2139.5 | 1970.5 | 1912.8 |
| 100° | 291.1 | 422.9 | 554.7 | 587.6 | 1301.8 | 2254.1 | 2730.1 | 2738.4 | 2754.9 | 2767.2 | 2698.5 |
| 102.5° | 352.0 | 475.0 | 597.8 | 628.6 | 1353.0 | 2318.7 | 2801.6 | 2945.1 | 3232.1 | 3447.4 | 3388.7 |
| 105° | 455.2 | 559.3 | 663.5 | 689.5 | 1390.9 | 2326.0 | 2793.6 | 3115.3 | 3758.9 | 4241.4 | 4209.8 |
| 107.5° | 561.1 | 658.2 | 755.2 | 779.5 | 1398.0 | 2222.6 | 2634.9 | 3083.6 | 3981.1 | 4654.3 | 4662.0 |
| 110° | 632.6 | 720.2 | 807.9 | 829.8 | 1387.3 | 2130.8 | 2502.5 | 3004.2 | 4007.6 | 4760.2 | 4793.2 |



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CATALOG NUMBER: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 702.7 | 786.2 | 869.7 | 890.6 | 1387.7 | 2050.7 | 2382.1 | 2895.6 | 3922.5 | 4692.7 | 4743.3 |
| 115° | 808.5 | 885.6 | 962.7 | 981.9 | 1400.6 | 1958.7 | 2237.9 | 2732.5 | 3721.8 | 4463.8 | 4533.9 |
| 117.5° | 913.2 | 983.1 | 1053.2 | 1070.6 | 1426.6 | 1901.2 | 2138.6 | 2585.1 | 3477.9 | 4147.5 | 4225.2 |
| 120° | 974.0 | 1039.9 | 1105.8 | 1122.3 | 1447.8 | 1881.9 | 2098.9 | 2506.8 | 3322.6 | 3934.5 | 4010.0 |
| 122.5° | 1033.6 | 1100.0 | 1166.5 | 1183.1 | 1478.2 | 1871.8 | 2068.5 | 2435.8 | 3170.4 | 3721.4 | 3795.9 |
| 125° | 1124.9 | 1185.5 | 1246.0 | 1261.2 | 1519.3 | 1863.3 | 2035.3 | 2347.3 | 2971.4 | 3439.4 | 3508.1 |
| 127.5° | 1199.0 | 1260.2 | 1321.4 | 1336.6 | 1560.3 | 1858.5 | 2007.6 | 2275.4 | 2811.3 | 3213.1 | 3271.1 |
| 130° | 1238.7 | 1304.6 | 1370.4 | 1386.9 | 1590.3 | 1861.4 | 1997.0 | 2235.5 | 2712.5 | 3070.3 | 3123.8 |
| 132.5° | 1279.7 | 1345.6 | 1411.5 | 1428.0 | 1614.5 | 1863.3 | 1987.7 | 2201.2 | 2628.2 | 2948.5 | 2996.5 |
| 135° | 1340.6 | 1400.6 | 1460.6 | 1475.6 | 1641.0 | 1861.6 | 1971.9 | 2150.7 | 2508.3 | 2776.5 | 2817.8 |
| 137.5° | 1402.8 | 1462.2 | 1521.6 | 1536.4 | 1680.7 | 1873.0 | 1969.2 | 2120.4 | 2422.7 | 2649.4 | 2683.2 |
| 140° | 1454.4 | 1509.1 | 1563.8 | 1577.5 | 1704.9 | 1874.9 | 1959.9 | 2090.5 | 2351.6 | 2547.5 | 2579.1 |
| 142.5° | 1494.1 | 1544.7 | 1595.3 | 1607.9 | 1725.2 | 1881.7 | 1959.9 | 2074.6 | 2304.1 | 2476.1 | 2503.3 |
| 145° | 1555.0 | 1599.1 | 1643.3 | 1654.2 | 1751.7 | 1881.7 | 1946.7 | 2040.5 | 2228.2 | 2368.8 | 2389.4 |
| 147.5° | 1615.8 | 1658.8 | 1701.7 | 1712.4 | 1790.6 | 1894.7 | 1946.7 | 2020.5 | 2168.2 | 2278.8 | 2295.9 |
| 150° | 1655.5 | 1694.4 | 1733.2 | 1742.9 | 1810.8 | 1901.4 | 1946.7 | 2009.1 | 2133.7 | 2227.2 | 2241.0 |
| 152.5° | 1696.6 | 1726.0 | 1755.5 | 1762.8 | 1824.1 | 1905.8 | 1946.7 | 2000.0 | 2106.4 | 2186.2 | 2196.7 |
| 155° | 1757.4 | 1779.2 | 1801.0 | 1806.4 | 1853.2 | 1915.6 | 1946.7 | 1989.1 | 2073.8 | 2137.2 | 2144.1 |
| 157.5° | 1802.5 | 1823.6 | 1844.8 | 1850.1 | 1882.3 | 1925.3 | 1946.7 | 1979.6 | 2045.5 | 2094.9 | 2099.8 |
| 160° | 1832.9 | 1849.4 | 1865.9 | 1870.0 | 1895.5 | 1929.7 | 1946.7 | 1974.9 | 2031.4 | 2073.8 | 2076.6 |
| 162.5° | 1863.3 | 1875.7 | 1888.0 | 1891.1 | 1909.7 | 1934.4 | 1946.7 | 1970.6 | 2018.2 | 2053.9 | 2056.6 |
| 165° | 1896.4 | 1907.5 | 1918.7 | 1921.5 | 1930.0 | 1941.1 | 1946.7 | 1963.8 | 1997.9 | 2023.4 | 2026.2 |
| 167.5° | 1926.9 | 1932.2 | 1937.4 | 1938.7 | 1945.8 | 1955.3 | 1959.9 | 1971.1 | 1993.4 | 2010.2 | 2011.4 |
| 170° | 1946.7 | 1952.0 | 1957.3 | 1958.6 | 1959.0 | 1959.6 | 1959.9 | 1971.1 | 1993.4 | 2010.2 | 2010.2 |
| 172.5° | 1957.3 | 1958.5 | 1959.7 | 1959.9 | 1959.9 | 1959.9 | 1959.9 | 1968.8 | 1986.4 | 1999.6 | 1998.6 |
| 175° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1967.9 | 1962.6 | 1959.9 | 1965.6 | 1976.7 | 1985.1 | 1985.1 |
| 177.5° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1968.8 | 1964.6 | 1962.6 | 1967.0 | 1975.8 | 1982.4 | 1981.2 |
| 180° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 |



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 CATALOG NUMBER: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 |
| 2.5° | 1858.2 | 1853.0 | 1858.2 | 1854.7 | 1856.4 | 1851.3 | 1835.9 | 1830.8 | 1835.9 | 1841.0 | 1841.0 |
| 5° | 1880.4 | 1877.0 | 1880.4 | 1880.4 | 1878.7 | 1875.3 | 1858.2 | 1854.7 | 1858.2 | 1859.9 | 1856.4 |
| 7.5° | 1887.4 | 1882.2 | 1887.4 | 1883.9 | 1883.9 | 1880.4 | 1863.3 | 1859.9 | 1861.6 | 1866.7 | 1861.6 |
| 10° | 1887.4 | 1882.2 | 1887.4 | 1885.6 | 1883.9 | 1880.4 | 1863.3 | 1856.4 | 1856.4 | 1861.6 | 1856.4 |
| 12.5° | 1878.7 | 1875.3 | 1878.7 | 1875.3 | 1875.3 | 1871.9 | 1854.7 | 1847.9 | 1849.6 | 1851.3 | 1844.5 |
| 15° | 1865.0 | 1859.9 | 1865.0 | 1861.6 | 1863.3 | 1858.2 | 1839.3 | 1832.5 | 1832.5 | 1835.9 | 1823.9 |
| 17.5° | 1844.5 | 1837.6 | 1844.5 | 1842.8 | 1841.0 | 1837.6 | 1820.5 | 1813.7 | 1811.9 | 1813.7 | 1805.0 |
| 20° | 1820.5 | 1815.4 | 1820.5 | 1818.8 | 1818.8 | 1811.9 | 1794.7 | 1786.2 | 1786.2 | 1786.2 | 1777.6 |
| 22.5° | 1782.7 | 1777.6 | 1782.7 | 1786.2 | 1786.2 | 1784.4 | 1769.0 | 1757.1 | 1753.6 | 1753.6 | 1743.4 |
| 25° | 1739.9 | 1734.8 | 1739.9 | 1739.9 | 1738.2 | 1739.9 | 1734.8 | 1727.9 | 1722.7 | 1717.6 | 1707.3 |
| 27.5° | 1698.7 | 1695.3 | 1698.7 | 1695.3 | 1698.7 | 1693.6 | 1691.9 | 1690.2 | 1683.3 | 1678.2 | 1664.5 |
| 30° | 1657.7 | 1654.2 | 1657.7 | 1654.2 | 1650.8 | 1647.3 | 1638.7 | 1635.3 | 1642.2 | 1638.7 | 1616.5 |
| 32.5° | 1606.2 | 1602.8 | 1606.2 | 1606.2 | 1602.8 | 1602.8 | 1589.1 | 1583.9 | 1585.7 | 1595.9 | 1575.3 |
| 35° | 1553.0 | 1547.9 | 1553.0 | 1551.3 | 1553.0 | 1547.9 | 1539.3 | 1537.6 | 1530.8 | 1542.8 | 1527.4 |
| 37.5° | 1491.3 | 1486.2 | 1491.3 | 1491.3 | 1491.3 | 1494.7 | 1487.9 | 1482.7 | 1472.5 | 1487.9 | 1475.9 |
| 40° | 1428.0 | 1421.1 | 1428.0 | 1426.2 | 1428.0 | 1431.4 | 1428.0 | 1424.5 | 1414.2 | 1426.2 | 1415.9 |
| 42.5° | 1356.0 | 1354.2 | 1356.0 | 1357.7 | 1357.7 | 1364.5 | 1369.7 | 1362.8 | 1359.4 | 1350.8 | 1357.7 |
| 45° | 1278.8 | 1275.4 | 1278.8 | 1282.2 | 1284.0 | 1287.4 | 1302.8 | 1302.8 | 1297.7 | 1284.0 | 1294.2 |
| 47.5° | 1196.5 | 1187.9 | 1196.5 | 1206.8 | 1206.8 | 1212.0 | 1227.4 | 1239.3 | 1230.8 | 1213.7 | 1218.8 |
| 50° | 1109.0 | 1110.8 | 1109.0 | 1115.9 | 1115.9 | 1134.8 | 1146.8 | 1158.8 | 1167.3 | 1146.8 | 1122.8 |
| 52.5° | 1023.3 | 1021.6 | 1023.3 | 1028.5 | 1035.4 | 1044.0 | 1064.5 | 1076.5 | 1090.2 | 1078.2 | 1040.5 |
| 55° | 937.6 | 941.1 | 937.6 | 939.4 | 942.8 | 947.9 | 978.8 | 990.8 | 1016.5 | 1001.1 | 961.7 |
| 57.5° | 851.9 | 846.8 | 851.9 | 855.4 | 857.1 | 862.2 | 888.0 | 910.2 | 925.7 | 927.4 | 879.3 |
| 60° | 752.5 | 745.7 | 752.5 | 768.0 | 771.4 | 774.8 | 798.8 | 819.4 | 833.1 | 838.2 | 788.5 |
| 62.5° | 665.1 | 653.1 | 665.1 | 675.4 | 682.3 | 690.8 | 707.9 | 738.9 | 750.8 | 752.5 | 682.3 |
| 65° | 572.5 | 567.4 | 572.5 | 593.1 | 594.8 | 605.1 | 624.0 | 646.2 | 672.0 | 668.6 | 567.4 |
| 67.5° | 488.5 | 488.5 | 488.5 | 502.3 | 512.6 | 517.7 | 541.7 | 552.0 | 584.6 | 588.0 | 473.1 |
| 70° | 411.4 | 409.7 | 411.4 | 421.7 | 428.6 | 440.6 | 462.8 | 474.8 | 500.6 | 509.2 | 384.0 |
| 72.5° | 337.7 | 335.9 | 337.7 | 346.3 | 353.2 | 363.4 | 382.3 | 396.0 | 418.2 | 428.6 | 298.3 |
| 75° | 272.6 | 269.1 | 272.6 | 279.4 | 277.7 | 291.4 | 306.8 | 320.5 | 341.1 | 348.0 | 221.1 |
| 77.5° | 209.2 | 209.2 | 209.2 | 216.0 | 216.0 | 229.7 | 236.6 | 253.7 | 265.7 | 276.0 | 162.8 |
| 80° | 156.0 | 154.3 | 156.0 | 157.7 | 157.7 | 164.5 | 176.5 | 188.5 | 198.9 | 198.9 | 111.4 |
| 82.5° | 109.7 | 106.2 | 109.7 | 109.7 | 109.7 | 113.1 | 120.0 | 123.5 | 130.3 | 135.4 | 70.3 |
| 85° | 68.6 | 68.6 | 68.6 | 70.3 | 68.6 | 72.0 | 73.7 | 77.1 | 77.1 | 73.7 | 42.9 |
| 87.5° | 44.6 | 42.9 | 44.6 | 42.9 | 42.9 | 41.2 | 41.2 | 41.2 | 39.4 | 37.7 | 24.0 |
| 90° | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 67.1 | 89.4 | 100.5 | 86.4 | 58.2 | 37.1 |
| 92.5° | 201.4 | 161.5 | 201.4 | 241.5 | 251.4 | 356.4 | 496.4 | 566.4 | 497.3 | 359.1 | 255.4 |
| 95° | 702.1 | 581.0 | 702.1 | 823.3 | 853.6 | 1120.9 | 1477.3 | 1655.5 | 1398.2 | 883.5 | 497.6 |
| 97.5° | 1682.3 | 1451.7 | 1682.3 | 1912.8 | 1970.5 | 2139.5 | 2364.7 | 2477.4 | 2048.3 | 1190.2 | 546.6 |
| 100° | 2423.9 | 2149.2 | 2423.9 | 2698.5 | 2767.2 | 2754.9 | 2738.4 | 2730.1 | 2254.1 | 1301.8 | 587.6 |
| 102.5° | 3153.3 | 2918.1 | 3153.3 | 3388.7 | 3447.4 | 3232.1 | 2945.1 | 2801.6 | 2318.7 | 1353.0 | 628.6 |
| 105° | 4083.4 | 3956.9 | 4083.4 | 4209.8 | 4241.4 | 3758.9 | 3115.3 | 2793.6 | 2326.0 | 1390.9 | 689.5 |
| 107.5° | 4692.6 | 4723.1 | 4692.6 | 4662.0 | 4654.3 | 3981.1 | 3083.6 | 2634.9 | 2222.6 | 1398.0 | 779.5 |
| 110° | 4924.9 | 5056.6 | 4924.9 | 4793.2 | 4760.2 | 4007.6 | 3004.2 | 2502.5 | 2130.8 | 1387.3 | 829.8 |



TEST NUMBER: P935469

CATALOG NUMBER: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 4945.6 | 5148.0 | 4945.6 | 4743.3 | 4692.7 | 3922.5 | 2895.6 | 2382.1 | 2050.7 | 1387.7 | 890.6 |
| 115° | 4814.5 | 5095.0 | 4814.5 | 4533.9 | 4463.8 | 3721.8 | 2732.5 | 2237.9 | 1958.7 | 1400.6 | 981.9 |
| 117.5° | 4536.4 | 4847.5 | 4536.4 | 4225.2 | 4147.5 | 3477.9 | 2585.1 | 2138.6 | 1901.2 | 1426.6 | 1070.6 |
| 120° | 4312.3 | 4614.6 | 4312.3 | 4010.0 | 3934.5 | 3322.6 | 2506.8 | 2098.9 | 1881.9 | 1447.8 | 1122.3 |
| 122.5° | 4094.1 | 4392.3 | 4094.1 | 3795.9 | 3721.4 | 3170.4 | 2435.8 | 2068.5 | 1871.8 | 1478.2 | 1183.1 |
| 125° | 3782.8 | 4057.5 | 3782.8 | 3508.1 | 3439.4 | 2971.4 | 2347.3 | 2035.3 | 1863.3 | 1519.3 | 1261.2 |
| 127.5° | 3502.8 | 3734.6 | 3502.8 | 3271.1 | 3213.1 | 2811.3 | 2275.4 | 2007.6 | 1858.5 | 1560.3 | 1336.6 |
| 130° | 3337.9 | 3552.0 | 3337.9 | 3123.8 | 3070.3 | 2712.5 | 2235.5 | 1997.0 | 1861.4 | 1590.3 | 1386.9 |
| 132.5° | 3188.2 | 3379.9 | 3188.2 | 2996.5 | 2948.5 | 2628.2 | 2201.2 | 1987.7 | 1863.3 | 1614.5 | 1428.0 |
| 135° | 2983.0 | 3148.3 | 2983.0 | 2817.8 | 2776.5 | 2508.3 | 2150.7 | 1971.9 | 1861.6 | 1641.0 | 1475.6 |
| 137.5° | 2818.5 | 2953.8 | 2818.5 | 2683.2 | 2649.4 | 2422.7 | 2120.4 | 1969.2 | 1873.0 | 1680.7 | 1536.4 |
| 140° | 2705.6 | 2832.0 | 2705.6 | 2579.1 | 2547.5 | 2351.6 | 2090.5 | 1959.9 | 1874.9 | 1704.9 | 1577.5 |
| 142.5° | 2612.1 | 2720.9 | 2612.1 | 2503.3 | 2476.1 | 2304.1 | 2074.6 | 1959.9 | 1881.7 | 1725.2 | 1607.9 |
| 145° | 2471.7 | 2554.1 | 2471.7 | 2389.4 | 2368.8 | 2228.2 | 2040.5 | 1946.7 | 1881.7 | 1751.7 | 1654.2 |
| 147.5° | 2364.1 | 2432.4 | 2364.1 | 2295.9 | 2278.8 | 2168.2 | 2020.5 | 1946.7 | 1894.7 | 1790.6 | 1712.4 |
| 150° | 2296.4 | 2351.7 | 2296.4 | 2241.0 | 2227.2 | 2133.7 | 2009.1 | 1946.7 | 1901.4 | 1810.8 | 1742.9 |
| 152.5° | 2238.5 | 2280.2 | 2238.5 | 2196.7 | 2186.2 | 2106.4 | 2000.0 | 1946.7 | 1905.8 | 1824.1 | 1762.8 |
| 155° | 2171.8 | 2199.4 | 2171.8 | 2144.1 | 2137.2 | 2073.8 | 1989.1 | 1946.7 | 1915.6 | 1853.2 | 1806.4 |
| 157.5° | 2119.2 | 2138.6 | 2119.2 | 2099.8 | 2094.9 | 2045.5 | 1979.6 | 1946.7 | 1925.3 | 1882.3 | 1850.1 |
| 160° | 2087.7 | 2098.9 | 2087.7 | 2076.6 | 2073.8 | 2031.4 | 1974.9 | 1946.7 | 1929.7 | 1895.5 | 1870.0 |
| 162.5° | 2067.1 | 2077.7 | 2067.1 | 2056.6 | 2053.9 | 2018.2 | 1970.6 | 1946.7 | 1934.4 | 1909.7 | 1891.1 |
| 165° | 2037.4 | 2048.6 | 2037.4 | 2026.2 | 2023.4 | 1997.9 | 1963.8 | 1946.7 | 1941.1 | 1930.0 | 1921.5 |
| 167.5° | 2016.1 | 2020.8 | 2016.1 | 2011.4 | 2010.2 | 1993.4 | 1971.1 | 1959.9 | 1955.3 | 1945.8 | 1938.7 |
| 170° | 2010.2 | 2010.2 | 2010.2 | 2010.2 | 2010.2 | 1993.4 | 1971.1 | 1959.9 | 1959.6 | 1959.0 | 1958.6 |
| 172.5° | 1994.4 | 1990.4 | 1994.4 | 1998.6 | 1999.6 | 1986.4 | 1968.8 | 1959.9 | 1959.9 | 1959.9 | 1959.9 |
| 175° | 1985.1 | 1985.1 | 1985.1 | 1985.1 | 1985.1 | 1976.7 | 1965.6 | 1959.9 | 1962.6 | 1967.9 | 1971.9 |
| 177.5° | 1976.6 | 1971.9 | 1976.6 | 1981.2 | 1982.4 | 1975.8 | 1967.0 | 1962.6 | 1964.6 | 1968.8 | 1971.9 |
| 180° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 |



TEST NUMBER: P935469

CATALOG NUMBER: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 |
| 2.5° | 1837.6 | 1827.3 | 1827.3 | 1810.2 | 1803.3 | 1798.1 | 1789.6 | 1763.9 | 1757.1 | 1750.2 | 1760.5 |
| 5° | 1853.0 | 1834.2 | 1820.5 | 1789.6 | 1763.9 | 1753.6 | 1721.0 | 1659.4 | 1618.2 | 1587.4 | 1570.2 |
| 7.5° | 1856.4 | 1832.5 | 1806.8 | 1758.8 | 1697.0 | 1669.6 | 1570.2 | 1457.1 | 1426.2 | 1398.8 | 1381.6 |
| 10° | 1853.0 | 1825.6 | 1789.6 | 1717.6 | 1571.9 | 1523.9 | 1424.5 | 1350.8 | 1331.9 | 1326.8 | 1331.9 |
| 12.5° | 1841.0 | 1815.4 | 1765.6 | 1645.6 | 1441.7 | 1409.0 | 1350.8 | 1307.9 | 1304.5 | 1313.1 | 1359.4 |
| 15° | 1820.5 | 1796.4 | 1738.2 | 1549.6 | 1369.7 | 1345.6 | 1304.5 | 1289.1 | 1307.9 | 1367.9 | 1506.8 |
| 17.5° | 1799.9 | 1772.5 | 1700.5 | 1455.4 | 1314.8 | 1297.7 | 1268.5 | 1299.4 | 1405.6 | 1486.2 | 1532.5 |
| 20° | 1772.5 | 1739.9 | 1657.7 | 1386.8 | 1275.4 | 1259.9 | 1246.2 | 1385.1 | 1465.6 | 1494.7 | 1520.5 |
| 22.5° | 1739.9 | 1705.6 | 1599.4 | 1338.7 | 1234.2 | 1222.2 | 1230.8 | 1433.1 | 1465.6 | 1486.2 | 1508.5 |
| 25° | 1697.0 | 1667.9 | 1530.8 | 1301.1 | 1201.7 | 1187.9 | 1220.5 | 1428.0 | 1446.8 | 1451.9 | 1496.5 |
| 27.5° | 1657.7 | 1619.9 | 1458.8 | 1266.8 | 1162.2 | 1157.1 | 1229.1 | 1405.6 | 1419.3 | 1424.5 | 1472.5 |
| 30° | 1609.6 | 1553.0 | 1378.2 | 1230.8 | 1121.1 | 1119.4 | 1230.8 | 1378.2 | 1374.8 | 1388.5 | 1436.5 |
| 32.5° | 1559.9 | 1453.6 | 1287.4 | 1186.2 | 1081.6 | 1079.9 | 1218.8 | 1337.0 | 1333.6 | 1352.5 | 1388.5 |
| 35° | 1513.7 | 1376.5 | 1163.9 | 1134.8 | 1031.9 | 1033.6 | 1189.6 | 1289.1 | 1290.8 | 1307.9 | 1330.2 |
| 37.5° | 1465.6 | 1309.6 | 1028.5 | 1078.2 | 984.0 | 984.0 | 1150.2 | 1244.5 | 1241.1 | 1246.2 | 1277.1 |
| 40° | 1409.0 | 1205.1 | 908.5 | 1004.5 | 939.4 | 934.2 | 1102.2 | 1196.5 | 1184.5 | 1182.8 | 1225.6 |
| 42.5° | 1349.1 | 1090.2 | 819.4 | 906.8 | 888.0 | 881.1 | 1044.0 | 1138.2 | 1115.9 | 1121.1 | 1175.9 |
| 45° | 1284.0 | 1059.4 | 750.8 | 766.2 | 834.8 | 829.7 | 980.5 | 1071.4 | 1056.0 | 1069.7 | 1126.3 |
| 47.5° | 1218.8 | 997.7 | 728.5 | 635.9 | 778.2 | 776.5 | 910.2 | 1006.2 | 997.7 | 1011.4 | 1071.4 |
| 50° | 1129.7 | 929.1 | 726.8 | 545.1 | 714.8 | 721.6 | 826.3 | 942.8 | 942.8 | 954.8 | 1018.2 |
| 52.5° | 1014.8 | 845.1 | 660.0 | 493.6 | 641.1 | 661.7 | 752.5 | 888.0 | 891.4 | 903.4 | 959.9 |
| 55° | 910.2 | 757.7 | 612.0 | 454.3 | 553.7 | 598.3 | 680.5 | 831.4 | 838.2 | 850.2 | 901.7 |
| 57.5° | 814.3 | 630.8 | 601.7 | 407.9 | 473.1 | 516.0 | 617.1 | 776.5 | 779.9 | 790.2 | 840.0 |
| 60° | 711.4 | 456.0 | 552.0 | 358.3 | 402.8 | 435.4 | 558.8 | 711.4 | 723.3 | 730.2 | 773.1 |
| 62.5° | 594.8 | 330.8 | 500.6 | 324.0 | 368.6 | 375.4 | 510.9 | 649.6 | 665.1 | 670.3 | 696.0 |
| 65° | 423.4 | 277.7 | 425.1 | 294.9 | 332.5 | 334.2 | 459.4 | 586.3 | 600.0 | 608.5 | 627.4 |
| 67.5° | 286.3 | 226.3 | 324.0 | 267.4 | 305.1 | 306.8 | 409.7 | 512.6 | 531.4 | 538.3 | 550.2 |
| 70° | 198.9 | 150.9 | 240.0 | 238.3 | 274.3 | 277.7 | 356.6 | 445.7 | 462.8 | 468.0 | 474.8 |
| 72.5° | 145.7 | 121.7 | 198.9 | 214.3 | 241.7 | 245.1 | 301.7 | 370.3 | 387.4 | 392.5 | 396.0 |
| 75° | 111.4 | 128.6 | 161.1 | 186.8 | 205.7 | 207.4 | 246.8 | 301.7 | 313.7 | 317.1 | 318.8 |
| 77.5° | 89.1 | 120.0 | 118.3 | 150.9 | 168.0 | 164.5 | 193.7 | 233.1 | 243.4 | 243.4 | 243.4 |
| 80° | 66.9 | 94.3 | 89.1 | 108.0 | 123.5 | 120.0 | 138.9 | 166.3 | 169.7 | 173.1 | 171.4 |
| 82.5° | 49.7 | 60.0 | 60.0 | 68.6 | 82.3 | 78.9 | 92.5 | 108.0 | 108.0 | 108.0 | 111.4 |
| 85° | 30.8 | 34.3 | 27.4 | 36.0 | 46.3 | 44.6 | 51.5 | 58.3 | 60.0 | 60.0 | 56.6 |
| 87.5° | 18.8 | 15.4 | 8.6 | 13.7 | 20.5 | 20.5 | 24.0 | 25.7 | 24.0 | 24.0 | 24.0 |
| 90° | 34.4 | 23.8 | 13.2 | 23.8 | 34.4 | 37.1 | 58.2 | 86.4 | 100.5 | 89.4 | 67.1 |
| 92.5° | 232.9 | 142.9 | 52.9 | 142.9 | 232.9 | 255.4 | 359.1 | 497.3 | 566.4 | 496.4 | 356.4 |
| 95° | 456.4 | 291.7 | 127.0 | 291.7 | 456.4 | 497.6 | 883.5 | 1398.2 | 1655.5 | 1477.3 | 1120.9 |
| 97.5° | 510.3 | 364.9 | 219.6 | 364.9 | 510.3 | 546.6 | 1190.2 | 2048.3 | 2477.4 | 2364.7 | 2139.5 |
| 100° | 554.7 | 422.9 | 291.1 | 422.9 | 554.7 | 587.6 | 1301.8 | 2254.1 | 2730.1 | 2738.4 | 2754.9 |
| 102.5° | 597.8 | 475.0 | 352.0 | 475.0 | 597.8 | 628.6 | 1353.0 | 2318.7 | 2801.6 | 2945.1 | 3232.1 |
| 105° | 663.5 | 559.3 | 455.2 | 559.3 | 663.5 | 689.5 | 1390.9 | 2326.0 | 2793.6 | 3115.3 | 3758.9 |
| 107.5° | 755.2 | 658.2 | 561.1 | 658.2 | 755.2 | 779.5 | 1398.0 | 2222.6 | 2634.9 | 3083.6 | 3981.1 |
| 110° | 807.9 | 720.2 | 632.6 | 720.2 | 807.9 | 829.8 | 1387.3 | 2130.8 | 2502.5 | 3004.2 | 4007.6 |



TEST NUMBER: P935469

CATALOG NUMBER: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 869.7 | 786.2 | 702.7 | 786.2 | 869.7 | 890.6 | 1387.7 | 2050.7 | 2382.1 | 2895.6 | 3922.5 |
| 115° | 962.7 | 885.6 | 808.5 | 885.6 | 962.7 | 981.9 | 1400.6 | 1958.7 | 2237.9 | 2732.5 | 3721.8 |
| 117.5° | 1053.2 | 983.1 | 913.2 | 983.1 | 1053.2 | 1070.6 | 1426.6 | 1901.2 | 2138.6 | 2585.1 | 3477.9 |
| 120° | 1105.8 | 1039.9 | 974.0 | 1039.9 | 1105.8 | 1122.3 | 1447.8 | 1881.9 | 2098.9 | 2506.8 | 3322.6 |
| 122.5° | 1166.5 | 1100.0 | 1033.6 | 1100.0 | 1166.5 | 1183.1 | 1478.2 | 1871.8 | 2068.5 | 2435.8 | 3170.4 |
| 125° | 1246.0 | 1185.5 | 1124.9 | 1185.5 | 1246.0 | 1261.2 | 1519.3 | 1863.3 | 2035.3 | 2347.3 | 2971.4 |
| 127.5° | 1321.4 | 1260.2 | 1199.0 | 1260.2 | 1321.4 | 1336.6 | 1560.3 | 1858.5 | 2007.6 | 2275.4 | 2811.3 |
| 130° | 1370.4 | 1304.6 | 1238.7 | 1304.6 | 1370.4 | 1386.9 | 1590.3 | 1861.4 | 1997.0 | 2235.5 | 2712.5 |
| 132.5° | 1411.5 | 1345.6 | 1279.7 | 1345.6 | 1411.5 | 1428.0 | 1614.5 | 1863.3 | 1987.7 | 2201.2 | 2628.2 |
| 135° | 1460.6 | 1400.6 | 1340.6 | 1400.6 | 1460.6 | 1475.6 | 1641.0 | 1861.6 | 1971.9 | 2150.7 | 2508.3 |
| 137.5° | 1521.6 | 1462.2 | 1402.8 | 1462.2 | 1521.6 | 1536.4 | 1680.7 | 1873.0 | 1969.2 | 2120.4 | 2422.7 |
| 140° | 1563.8 | 1509.1 | 1454.4 | 1509.1 | 1563.8 | 1577.5 | 1704.9 | 1874.9 | 1959.9 | 2090.5 | 2351.6 |
| 142.5° | 1595.3 | 1544.7 | 1494.1 | 1544.7 | 1595.3 | 1607.9 | 1725.2 | 1881.7 | 1959.9 | 2074.6 | 2304.1 |
| 145° | 1643.3 | 1599.1 | 1555.0 | 1599.1 | 1643.3 | 1654.2 | 1751.7 | 1881.7 | 1946.7 | 2040.5 | 2228.2 |
| 147.5° | 1701.7 | 1658.8 | 1615.8 | 1658.8 | 1701.7 | 1712.4 | 1790.6 | 1894.7 | 1946.7 | 2020.5 | 2168.2 |
| 150° | 1733.2 | 1694.4 | 1655.5 | 1694.4 | 1733.2 | 1742.9 | 1810.8 | 1901.4 | 1946.7 | 2009.1 | 2133.7 |
| 152.5° | 1755.5 | 1726.0 | 1696.6 | 1726.0 | 1755.5 | 1762.8 | 1824.1 | 1905.8 | 1946.7 | 2000.0 | 2106.4 |
| 155° | 1801.0 | 1779.2 | 1757.4 | 1779.2 | 1801.0 | 1806.4 | 1853.2 | 1915.6 | 1946.7 | 1989.1 | 2073.8 |
| 157.5° | 1844.8 | 1823.6 | 1802.5 | 1823.6 | 1844.8 | 1850.1 | 1882.3 | 1925.3 | 1946.7 | 1979.6 | 2045.5 |
| 160° | 1865.9 | 1849.4 | 1832.9 | 1849.4 | 1865.9 | 1870.0 | 1895.5 | 1929.7 | 1946.7 | 1974.9 | 2031.4 |
| 162.5° | 1888.0 | 1875.7 | 1863.3 | 1875.7 | 1888.0 | 1891.1 | 1909.7 | 1934.4 | 1946.7 | 1970.6 | 2018.2 |
| 165° | 1918.7 | 1907.5 | 1896.4 | 1907.5 | 1918.7 | 1921.5 | 1930.0 | 1941.1 | 1946.7 | 1963.8 | 1997.9 |
| 167.5° | 1937.4 | 1932.2 | 1926.9 | 1932.2 | 1937.4 | 1938.7 | 1945.8 | 1955.3 | 1959.9 | 1971.1 | 1993.4 |
| 170° | 1957.3 | 1952.0 | 1946.7 | 1952.0 | 1957.3 | 1958.6 | 1959.0 | 1959.6 | 1959.9 | 1971.1 | 1993.4 |
| 172.5° | 1959.7 | 1958.5 | 1957.3 | 1958.5 | 1959.7 | 1959.9 | 1959.9 | 1959.9 | 1959.9 | 1968.8 | 1986.4 |
| 175° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1967.9 | 1962.6 | 1959.9 | 1976.7 |
| 177.5° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1968.8 | 1964.6 | 1962.6 | 1975.8 |
| 180° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 |



TEST NUMBER: P935469

CATALOG NUMBER: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 |
| 2.5° | 1748.5 | 1743.4 | 1750.2 | 1731.3 | 1750.2 | 1743.4 | 1748.5 | 1760.5 | 1750.2 | 1757.1 | 1763.9 |
| 5° | 1534.2 | 1525.6 | 1498.2 | 1475.9 | 1498.2 | 1525.6 | 1534.2 | 1570.2 | 1587.4 | 1618.2 | 1659.4 |
| 7.5° | 1371.4 | 1364.5 | 1357.7 | 1343.9 | 1357.7 | 1364.5 | 1371.4 | 1381.6 | 1398.8 | 1426.2 | 1457.1 |
| 10° | 1335.3 | 1337.0 | 1347.4 | 1345.6 | 1347.4 | 1337.0 | 1335.3 | 1331.9 | 1326.8 | 1331.9 | 1350.8 |
| 12.5° | 1428.0 | 1443.4 | 1499.9 | 1496.5 | 1499.9 | 1443.4 | 1428.0 | 1359.4 | 1313.1 | 1304.5 | 1307.9 |
| 15° | 1534.2 | 1539.3 | 1551.3 | 1553.0 | 1551.3 | 1539.3 | 1534.2 | 1506.8 | 1367.9 | 1307.9 | 1289.1 |
| 17.5° | 1544.5 | 1546.2 | 1554.7 | 1554.7 | 1554.7 | 1546.2 | 1544.5 | 1532.5 | 1486.2 | 1405.6 | 1299.4 |
| 20° | 1535.9 | 1539.3 | 1556.5 | 1559.9 | 1556.5 | 1539.3 | 1535.9 | 1520.5 | 1494.7 | 1465.6 | 1385.1 |
| 22.5° | 1532.5 | 1539.3 | 1553.0 | 1551.3 | 1553.0 | 1539.3 | 1532.5 | 1508.5 | 1486.2 | 1465.6 | 1433.1 |
| 25° | 1515.4 | 1515.4 | 1517.1 | 1518.8 | 1517.1 | 1515.4 | 1515.4 | 1496.5 | 1451.9 | 1446.8 | 1428.0 |
| 27.5° | 1479.3 | 1482.7 | 1493.0 | 1491.3 | 1493.0 | 1482.7 | 1479.3 | 1472.5 | 1424.5 | 1419.3 | 1405.6 |
| 30° | 1446.8 | 1443.4 | 1434.8 | 1428.0 | 1434.8 | 1443.4 | 1446.8 | 1436.5 | 1388.5 | 1374.8 | 1378.2 |
| 32.5° | 1391.9 | 1383.3 | 1374.8 | 1369.7 | 1374.8 | 1383.3 | 1391.9 | 1388.5 | 1352.5 | 1333.6 | 1337.0 |
| 35° | 1326.8 | 1328.5 | 1326.8 | 1321.6 | 1326.8 | 1328.5 | 1326.8 | 1330.2 | 1307.9 | 1290.8 | 1289.1 |
| 37.5° | 1280.5 | 1284.0 | 1282.2 | 1275.4 | 1282.2 | 1284.0 | 1280.5 | 1277.1 | 1246.2 | 1241.1 | 1244.5 |
| 40° | 1232.5 | 1234.2 | 1232.5 | 1227.4 | 1232.5 | 1234.2 | 1232.5 | 1225.6 | 1182.8 | 1184.5 | 1196.5 |
| 42.5° | 1186.2 | 1184.5 | 1179.3 | 1175.9 | 1179.3 | 1184.5 | 1186.2 | 1175.9 | 1121.1 | 1115.9 | 1138.2 |
| 45° | 1133.1 | 1134.8 | 1124.5 | 1119.4 | 1124.5 | 1134.8 | 1133.1 | 1126.3 | 1069.7 | 1056.0 | 1071.4 |
| 47.5° | 1079.9 | 1079.9 | 1071.4 | 1066.2 | 1071.4 | 1079.9 | 1079.9 | 1071.4 | 1011.4 | 997.7 | 1006.2 |
| 50° | 1023.3 | 1021.6 | 1009.6 | 1007.9 | 1009.6 | 1021.6 | 1023.3 | 1018.2 | 954.8 | 942.8 | 942.8 |
| 52.5° | 958.2 | 958.2 | 959.9 | 963.4 | 959.9 | 958.2 | 958.2 | 959.9 | 903.4 | 891.4 | 888.0 |
| 55° | 901.7 | 903.4 | 915.4 | 918.8 | 915.4 | 903.4 | 901.7 | 901.7 | 850.2 | 838.2 | 831.4 |
| 57.5° | 843.4 | 843.4 | 851.9 | 851.9 | 851.9 | 843.4 | 843.4 | 840.0 | 790.2 | 779.9 | 776.5 |
| 60° | 776.5 | 779.9 | 786.8 | 785.1 | 786.8 | 779.9 | 776.5 | 773.1 | 730.2 | 723.3 | 711.4 |
| 62.5° | 706.2 | 709.7 | 711.4 | 707.9 | 711.4 | 709.7 | 706.2 | 696.0 | 670.3 | 665.1 | 649.6 |
| 65° | 632.5 | 635.9 | 637.6 | 634.2 | 637.6 | 635.9 | 632.5 | 627.4 | 608.5 | 600.0 | 586.3 |
| 67.5° | 557.1 | 555.4 | 553.7 | 560.5 | 553.7 | 555.4 | 557.1 | 550.2 | 538.3 | 531.4 | 512.6 |
| 70° | 479.9 | 479.9 | 478.2 | 481.7 | 478.2 | 479.9 | 479.9 | 474.8 | 468.0 | 462.8 | 445.7 |
| 72.5° | 397.7 | 396.0 | 402.8 | 397.7 | 402.8 | 396.0 | 397.7 | 396.0 | 392.5 | 387.4 | 370.3 |
| 75° | 317.1 | 320.5 | 317.1 | 322.2 | 317.1 | 320.5 | 317.1 | 318.8 | 317.1 | 313.7 | 301.7 |
| 77.5° | 241.7 | 245.1 | 241.7 | 241.7 | 241.7 | 245.1 | 241.7 | 243.4 | 243.4 | 243.4 | 233.1 |
| 80° | 171.4 | 169.7 | 169.7 | 168.0 | 169.7 | 169.7 | 171.4 | 171.4 | 173.1 | 169.7 | 166.3 |
| 82.5° | 109.7 | 108.0 | 108.0 | 111.4 | 108.0 | 108.0 | 109.7 | 111.4 | 108.0 | 108.0 | 108.0 |
| 85° | 60.0 | 61.7 | 58.3 | 58.3 | 58.3 | 61.7 | 60.0 | 56.6 | 60.0 | 60.0 | 58.3 |
| 87.5° | 22.3 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 22.3 | 24.0 | 24.0 | 24.0 | 25.7 |
| 90° | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 67.1 | 89.4 | 100.5 | 86.4 |
| 92.5° | 251.4 | 241.5 | 201.4 | 161.5 | 201.4 | 241.5 | 251.4 | 356.4 | 496.4 | 566.4 | 497.3 |
| 95° | 853.6 | 823.3 | 702.1 | 581.0 | 702.1 | 823.3 | 853.6 | 1120.9 | 1477.3 | 1655.5 | 1398.2 |
| 97.5° | 1970.5 | 1912.8 | 1682.3 | 1451.7 | 1682.3 | 1912.8 | 1970.5 | 2139.5 | 2364.7 | 2477.4 | 2048.3 |
| 100° | 2767.2 | 2698.5 | 2423.9 | 2149.2 | 2423.9 | 2698.5 | 2767.2 | 2754.9 | 2738.4 | 2730.1 | 2254.1 |
| 102.5° | 3447.4 | 3388.7 | 3153.3 | 2918.1 | 3153.3 | 3388.7 | 3447.4 | 3232.1 | 2945.1 | 2801.6 | 2318.7 |
| 105° | 4241.4 | 4209.8 | 4083.4 | 3956.9 | 4083.4 | 4209.8 | 4241.4 | 3758.9 | 3115.3 | 2793.6 | 2326.0 |
| 107.5° | 4654.3 | 4662.0 | 4692.6 | 4723.1 | 4692.6 | 4662.0 | 4654.3 | 3981.1 | 3083.6 | 2634.9 | 2222.6 |
| 110° | 4760.2 | 4793.2 | 4924.9 | 5056.6 | 4924.9 | 4793.2 | 4760.2 | 4007.6 | 3004.2 | 2502.5 | 2130.8 |



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CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 4692.7 | 4743.3 | 4945.6 | 5148.0 | 4945.6 | 4743.3 | 4692.7 | 3922.5 | 2895.6 | 2382.1 | 2050.7 |
| 115° | 4463.8 | 4533.9 | 4814.5 | 5095.0 | 4814.5 | 4533.9 | 4463.8 | 3721.8 | 2732.5 | 2237.9 | 1958.7 |
| 117.5° | 4147.5 | 4225.2 | 4536.4 | 4847.5 | 4536.4 | 4225.2 | 4147.5 | 3477.9 | 2585.1 | 2138.6 | 1901.2 |
| 120° | 3934.5 | 4010.0 | 4312.3 | 4614.6 | 4312.3 | 4010.0 | 3934.5 | 3322.6 | 2506.8 | 2098.9 | 1881.9 |
| 122.5° | 3721.4 | 3795.9 | 4094.1 | 4392.3 | 4094.1 | 3795.9 | 3721.4 | 3170.4 | 2435.8 | 2068.5 | 1871.8 |
| 125° | 3439.4 | 3508.1 | 3782.8 | 4057.5 | 3782.8 | 3508.1 | 3439.4 | 2971.4 | 2347.3 | 2035.3 | 1863.3 |
| 127.5° | 3213.1 | 3271.1 | 3502.8 | 3734.6 | 3502.8 | 3271.1 | 3213.1 | 2811.3 | 2275.4 | 2007.6 | 1858.5 |
| 130° | 3070.3 | 3123.8 | 3337.9 | 3552.0 | 3337.9 | 3123.8 | 3070.3 | 2712.5 | 2235.5 | 1997.0 | 1861.4 |
| 132.5° | 2948.5 | 2996.5 | 3188.2 | 3379.9 | 3188.2 | 2996.5 | 2948.5 | 2628.2 | 2201.2 | 1987.7 | 1863.3 |
| 135° | 2776.5 | 2817.8 | 2983.0 | 3148.3 | 2983.0 | 2817.8 | 2776.5 | 2508.3 | 2150.7 | 1971.9 | 1861.6 |
| 137.5° | 2649.4 | 2683.2 | 2818.5 | 2953.8 | 2818.5 | 2683.2 | 2649.4 | 2422.7 | 2120.4 | 1969.2 | 1873.0 |
| 140° | 2547.5 | 2579.1 | 2705.6 | 2832.0 | 2705.6 | 2579.1 | 2547.5 | 2351.6 | 2090.5 | 1959.9 | 1874.9 |
| 142.5° | 2476.1 | 2503.3 | 2612.1 | 2720.9 | 2612.1 | 2503.3 | 2476.1 | 2304.1 | 2074.6 | 1959.9 | 1881.7 |
| 145° | 2368.8 | 2389.4 | 2471.7 | 2554.1 | 2471.7 | 2389.4 | 2368.8 | 2228.2 | 2040.5 | 1946.7 | 1881.7 |
| 147.5° | 2278.8 | 2295.9 | 2364.1 | 2432.4 | 2364.1 | 2295.9 | 2278.8 | 2168.2 | 2020.5 | 1946.7 | 1894.7 |
| 150° | 2227.2 | 2241.0 | 2296.4 | 2351.7 | 2296.4 | 2241.0 | 2227.2 | 2133.7 | 2009.1 | 1946.7 | 1901.4 |
| 152.5° | 2186.2 | 2196.7 | 2238.5 | 2280.2 | 2238.5 | 2196.7 | 2186.2 | 2106.4 | 2000.0 | 1946.7 | 1905.8 |
| 155° | 2137.2 | 2144.1 | 2171.8 | 2199.4 | 2171.8 | 2144.1 | 2137.2 | 2073.8 | 1989.1 | 1946.7 | 1915.6 |
| 157.5° | 2094.9 | 2099.8 | 2119.2 | 2138.6 | 2119.2 | 2099.8 | 2094.9 | 2045.5 | 1979.6 | 1946.7 | 1925.3 |
| 160° | 2073.8 | 2076.6 | 2087.7 | 2098.9 | 2087.7 | 2076.6 | 2073.8 | 2031.4 | 1974.9 | 1946.7 | 1929.7 |
| 162.5° | 2053.9 | 2056.6 | 2067.1 | 2077.7 | 2067.1 | 2056.6 | 2053.9 | 2018.2 | 1970.6 | 1946.7 | 1934.4 |
| 165° | 2023.4 | 2026.2 | 2037.4 | 2048.6 | 2037.4 | 2026.2 | 2023.4 | 1997.9 | 1963.8 | 1946.7 | 1941.1 |
| 167.5° | 2010.2 | 2011.4 | 2016.1 | 2020.8 | 2016.1 | 2011.4 | 2010.2 | 1993.4 | 1971.1 | 1959.9 | 1955.3 |
| 170° | 2010.2 | 2010.2 | 2010.2 | 2010.2 | 2010.2 | 2010.2 | 2010.2 | 1993.4 | 1971.1 | 1959.9 | 1959.6 |
| 172.5° | 1999.6 | 1998.6 | 1994.4 | 1990.4 | 1994.4 | 1998.6 | 1999.6 | 1986.4 | 1968.8 | 1959.9 | 1959.9 |
| 175° | 1985.1 | 1985.1 | 1985.1 | 1985.1 | 1985.1 | 1985.1 | 1985.1 | 1976.7 | 1965.6 | 1959.9 | 1962.6 |
| 177.5° | 1982.4 | 1981.2 | 1976.6 | 1971.9 | 1976.6 | 1981.2 | 1982.4 | 1975.8 | 1967.0 | 1962.6 | 1964.6 |
| 180° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 |



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CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1811.9 | 1811.9 | 1811.9 | 1811.9 | 1811.9 |
| 2.5° | 1789.6 | 1798.1 | 1803.3 | 1810.2 | 1827.3 |
| 5° | 1721.0 | 1753.6 | 1763.9 | 1789.6 | 1820.5 |
| 7.5° | 1570.2 | 1669.6 | 1697.0 | 1758.8 | 1806.8 |
| 10° | 1424.5 | 1523.9 | 1571.9 | 1717.6 | 1789.6 |
| 12.5° | 1350.8 | 1409.0 | 1441.7 | 1645.6 | 1765.6 |
| 15° | 1304.5 | 1345.6 | 1369.7 | 1549.6 | 1738.2 |
| 17.5° | 1268.5 | 1297.7 | 1314.8 | 1455.4 | 1700.5 |
| 20° | 1246.2 | 1259.9 | 1275.4 | 1386.8 | 1657.7 |
| 22.5° | 1230.8 | 1222.2 | 1234.2 | 1338.7 | 1599.4 |
| 25° | 1220.5 | 1187.9 | 1201.7 | 1301.1 | 1530.8 |
| 27.5° | 1229.1 | 1157.1 | 1162.2 | 1266.8 | 1458.8 |
| 30° | 1230.8 | 1119.4 | 1121.1 | 1230.8 | 1378.2 |
| 32.5° | 1218.8 | 1079.9 | 1081.6 | 1186.2 | 1287.4 |
| 35° | 1189.6 | 1033.6 | 1031.9 | 1134.8 | 1163.9 |
| 37.5° | 1150.2 | 984.0 | 984.0 | 1078.2 | 1028.5 |
| 40° | 1102.2 | 934.2 | 939.4 | 1004.5 | 908.5 |
| 42.5° | 1044.0 | 881.1 | 888.0 | 906.8 | 819.4 |
| 45° | 980.5 | 829.7 | 834.8 | 766.2 | 750.8 |
| 47.5° | 910.2 | 776.5 | 778.2 | 635.9 | 728.5 |
| 50° | 826.3 | 721.6 | 714.8 | 545.1 | 726.8 |
| 52.5° | 752.5 | 661.7 | 641.1 | 493.6 | 660.0 |
| 55° | 680.5 | 598.3 | 553.7 | 454.3 | 612.0 |
| 57.5° | 617.1 | 516.0 | 473.1 | 407.9 | 601.7 |
| 60° | 558.8 | 435.4 | 402.8 | 358.3 | 552.0 |
| 62.5° | 510.9 | 375.4 | 368.6 | 324.0 | 500.6 |
| 65° | 459.4 | 334.2 | 332.5 | 294.9 | 425.1 |
| 67.5° | 409.7 | 306.8 | 305.1 | 267.4 | 324.0 |
| 70° | 356.6 | 277.7 | 274.3 | 238.3 | 240.0 |
| 72.5° | 301.7 | 245.1 | 241.7 | 214.3 | 198.9 |
| 75° | 246.8 | 207.4 | 205.7 | 186.8 | 161.1 |
| 77.5° | 193.7 | 164.5 | 168.0 | 150.9 | 118.3 |
| 80° | 138.9 | 120.0 | 123.5 | 108.0 | 89.1 |
| 82.5° | 92.5 | 78.9 | 82.3 | 68.6 | 60.0 |
| 85° | 51.5 | 44.6 | 46.3 | 36.0 | 27.4 |
| 87.5° | 24.0 | 20.5 | 20.5 | 13.7 | 8.6 |
| 90° | 58.2 | 37.1 | 34.4 | 23.8 | 13.2 |
| 92.5° | 359.1 | 255.4 | 232.9 | 142.9 | 52.9 |
| 95° | 883.5 | 497.6 | 456.4 | 291.7 | 127.0 |
| 97.5° | 1190.2 | 546.6 | 510.3 | 364.9 | 219.6 |
| 100° | 1301.8 | 587.6 | 554.7 | 422.9 | 291.1 |
| 102.5° | 1353.0 | 628.6 | 597.8 | 475.0 | 352.0 |
| 105° | 1390.9 | 689.5 | 663.5 | 559.3 | 455.2 |
| 107.5° | 1398.0 | 779.5 | 755.2 | 658.2 | 561.1 |
| 110° | 1387.3 | 829.8 | 807.9 | 720.2 | 632.6 |



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CATALOG NUMBER: SQ4-FA-125U-050D-935-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1387.7 | 890.6 | 869.7 | 786.2 | 702.7 |
| 115° | 1400.6 | 981.9 | 962.7 | 885.6 | 808.5 |
| 117.5° | 1426.6 | 1070.6 | 1053.2 | 983.1 | 913.2 |
| 120° | 1447.8 | 1122.3 | 1105.8 | 1039.9 | 974.0 |
| 122.5° | 1478.2 | 1183.1 | 1166.5 | 1100.0 | 1033.6 |
| 125° | 1519.3 | 1261.2 | 1246.0 | 1185.5 | 1124.9 |
| 127.5° | 1560.3 | 1336.6 | 1321.4 | 1260.2 | 1199.0 |
| 130° | 1590.3 | 1386.9 | 1370.4 | 1304.6 | 1238.7 |
| 132.5° | 1614.5 | 1428.0 | 1411.5 | 1345.6 | 1279.7 |
| 135° | 1641.0 | 1475.6 | 1460.6 | 1400.6 | 1340.6 |
| 137.5° | 1680.7 | 1536.4 | 1521.6 | 1462.2 | 1402.8 |
| 140° | 1704.9 | 1577.5 | 1563.8 | 1509.1 | 1454.4 |
| 142.5° | 1725.2 | 1607.9 | 1595.3 | 1544.7 | 1494.1 |
| 145° | 1751.7 | 1654.2 | 1643.3 | 1599.1 | 1555.0 |
| 147.5° | 1790.6 | 1712.4 | 1701.7 | 1658.8 | 1615.8 |
| 150° | 1810.8 | 1742.9 | 1733.2 | 1694.4 | 1655.5 |
| 152.5° | 1824.1 | 1762.8 | 1755.5 | 1726.0 | 1696.6 |
| 155° | 1853.2 | 1806.4 | 1801.0 | 1779.2 | 1757.4 |
| 157.5° | 1882.3 | 1850.1 | 1844.8 | 1823.6 | 1802.5 |
| 160° | 1895.5 | 1870.0 | 1865.9 | 1849.4 | 1832.9 |
| 162.5° | 1909.7 | 1891.1 | 1888.0 | 1875.7 | 1863.3 |
| 165° | 1930.0 | 1921.5 | 1918.7 | 1907.5 | 1896.4 |
| 167.5° | 1945.8 | 1938.7 | 1937.4 | 1932.2 | 1926.9 |
| 170° | 1959.0 | 1958.6 | 1957.3 | 1952.0 | 1946.7 |
| 172.5° | 1959.9 | 1959.9 | 1959.7 | 1958.5 | 1957.3 |
| 175° | 1967.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 |
| 177.5° | 1968.8 | 1971.9 | 1971.9 | 1971.9 | 1971.9 |
| 180° | 1971.9 | 1971.9 | 1971.9 | 1971.9 | 1971.9 |



TEST NUMBER: P935469
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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 | 8.15 | 8.83 | 9.28 | 9.96 | 11.52 | 11.00 | 11.68 | 12.13 | 12.81 | 14.37 |
| | 3H | 8.61 | 9.22 | 9.75 | 10.36 | 11.94 | 12.33 | 12.95 | 13.48 | 14.08 | 15.66 |
| | 4H | 8.79 | 9.37 | 9.94 | 10.51 | 12.09 | 12.77 | 13.36 | 13.93 | 14.49 | 16.08 |
| | 6H | 8.90 | 9.44 | 10.06 | 10.57 | 12.17 | 13.06 | 13.59 | 14.21 | 14.73 | 16.33 |
| | 8H | 8.90 | 9.41 | 10.06 | 10.56 | 12.15 | 13.13 | 13.64 | 14.29 | 14.79 | 16.38 |
| | 12H | 8.86 | 9.35 | 10.03 | 10.49 | 12.10 | 13.16 | 13.65 | 14.33 | 14.79 | 16.41 |
| 4H | 2H | 9.16 | 9.74 | 10.32 | 10.88 | 12.46 | 11.38 | 11.97 | 12.54 | 13.10 | 14.69 |
| | 3H | 10.17 | 10.66 | 11.33 | 11.82 | 13.42 | 12.88 | 13.36 | 14.04 | 14.52 | 16.12 |
| | 4H | 10.44 | 10.89 | 11.61 | 12.03 | 13.65 | 13.40 | 13.85 | 14.57 | 15.00 | 16.62 |
| | 6H | 10.55 | 10.94 | 11.73 | 12.11 | 13.72 | 13.76 | 14.15 | 14.93 | 15.32 | 16.93 |
| | 8H | 10.56 | 10.91 | 11.73 | 12.07 | 13.70 | 13.87 | 14.23 | 15.04 | 15.39 | 17.01 |
| | 12H | 10.51 | 10.84 | 11.70 | 12.01 | 13.64 | 13.92 | 14.25 | 15.11 | 15.42 | 17.05 |
| 8H | 4H | 10.88 | 11.24 | 12.05 | 12.40 | 14.03 | 13.51 | 13.87 | 14.68 | 15.03 | 16.66 |
| | 6H | 11.14 | 11.43 | 12.33 | 12.64 | 14.26 | 13.95 | 14.24 | 15.14 | 15.45 | 17.07 |
| | 8H | 11.18 | 11.43 | 12.37 | 12.62 | 14.26 | 14.10 | 14.36 | 15.30 | 15.54 | 17.18 |
| | 12H | 11.15 | 11.38 | 12.35 | 12.56 | 14.23 | 14.20 | 14.42 | 15.39 | 15.60 | 17.28 |
| 12H | 4H | 10.88 | 11.20 | 12.07 | 12.38 | 14.01 | 13.47 | 13.79 | 14.65 | 14.96 | 16.60 |
| | 6H | 11.20 | 11.45 | 12.39 | 12.64 | 14.28 | 13.94 | 14.20 | 15.14 | 15.38 | 17.02 |
| | 8H | 11.26 | 11.48 | 12.45 | 12.66 | 14.34 | 14.10 | 14.32 | 15.30 | 15.50 | 17.18 |