

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: P934514

Luminaire Tested: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934514
REPORT IS A COMBINATION OF REPORTS P933702 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

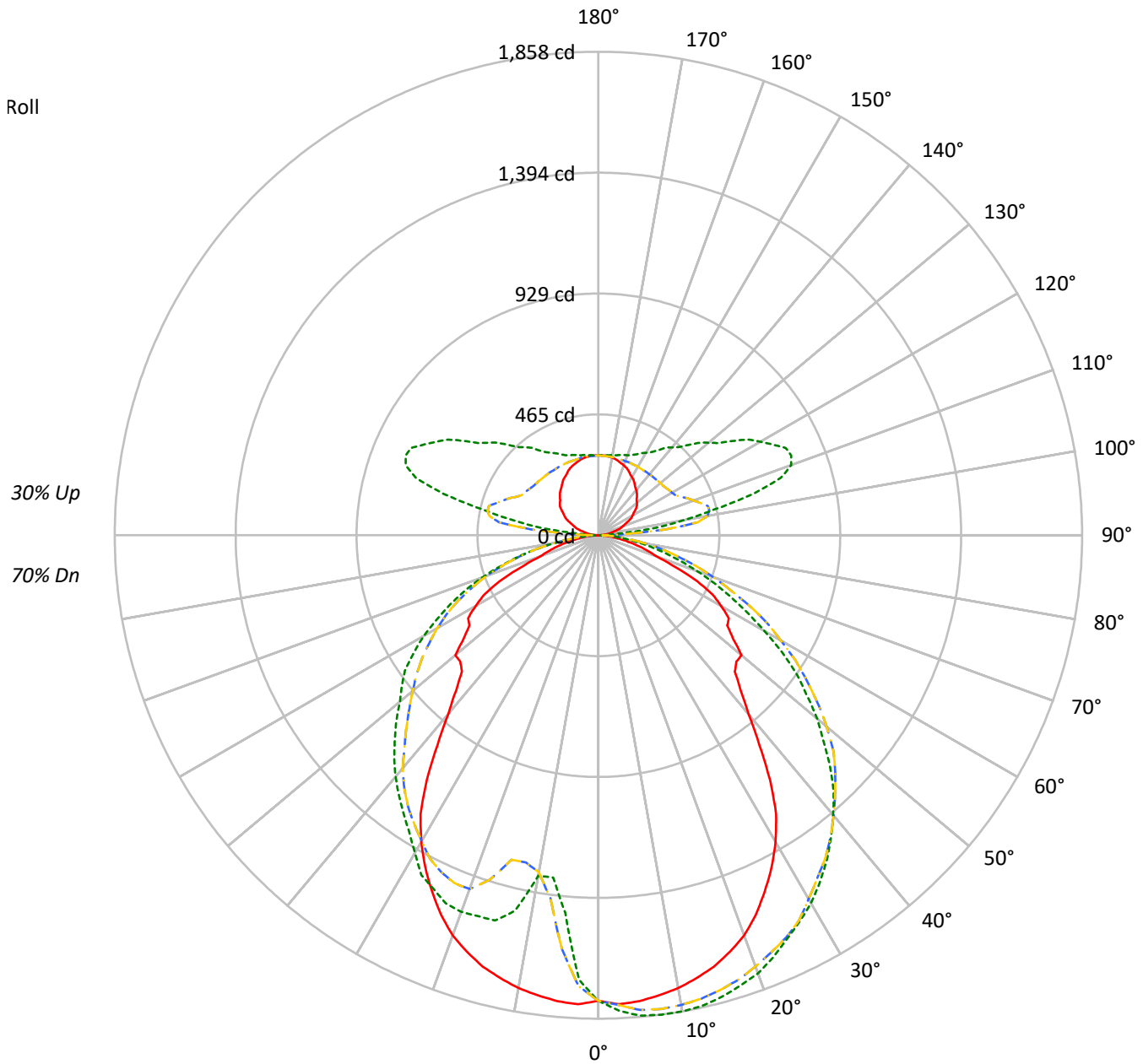
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6630.0 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56
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: P934514
CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

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 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 94 | 94 | 94 | 84 | 84 | 84 | 74 | 74 | 74 | 74 | 74 | 74 | 70 |
| 1 | 102 | 98 | 94 | 90 | 97 | 93 | 89 | 86 | 83 | 80 | 78 | 74 | 72 | 70 | 66 | 65 | 63 | 63 | 63 | 63 | 59 |
| 2 | 93 | 86 | 79 | 74 | 88 | 81 | 76 | 71 | 73 | 68 | 65 | 65 | 62 | 59 | 58 | 56 | 53 | 53 | 53 | 53 | 50 |
| 3 | 85 | 75 | 68 | 62 | 80 | 71 | 65 | 59 | 64 | 59 | 54 | 58 | 53 | 50 | 52 | 48 | 45 | 45 | 45 | 45 | 42 |
| 4 | 78 | 67 | 58 | 52 | 73 | 63 | 56 | 50 | 57 | 51 | 46 | 51 | 47 | 43 | 46 | 42 | 39 | 39 | 39 | 39 | 36 |
| 5 | 72 | 60 | 51 | 45 | 67 | 57 | 49 | 43 | 51 | 45 | 40 | 46 | 41 | 37 | 41 | 37 | 34 | 34 | 34 | 34 | 31 |
| 6 | 66 | 53 | 45 | 39 | 62 | 51 | 43 | 38 | 46 | 40 | 35 | 42 | 36 | 32 | 38 | 33 | 30 | 30 | 30 | 30 | 27 |
| 7 | 61 | 48 | 40 | 34 | 58 | 46 | 39 | 33 | 42 | 36 | 31 | 38 | 33 | 29 | 34 | 30 | 27 | 27 | 27 | 27 | 24 |
| 8 | 57 | 44 | 36 | 30 | 54 | 42 | 35 | 29 | 38 | 32 | 28 | 35 | 30 | 26 | 31 | 27 | 24 | 24 | 24 | 24 | 22 |
| 9 | 53 | 40 | 32 | 27 | 50 | 38 | 31 | 26 | 35 | 29 | 25 | 32 | 27 | 23 | 29 | 25 | 21 | 21 | 21 | 21 | 19 |
| 10 | 49 | 37 | 30 | 25 | 47 | 35 | 28 | 24 | 32 | 26 | 22 | 30 | 25 | 21 | 27 | 23 | 19 | 19 | 19 | 19 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16599 | 16599 | 16599 | 16599 |
| 5° | 16704 | 16756 | 16704 | 13175 |
| 10° | 16574 | 16505 | 16574 | 11800 |
| 15° | 16375 | 16148 | 16375 | 13483 |
| 20° | 16014 | 15724 | 16014 | 13511 |
| 25° | 15294 | 15106 | 15294 | 13225 |
| 30° | 14371 | 14593 | 14371 | 12597 |
| 35° | 12793 | 13944 | 12793 | 11906 |
| 40° | 10641 | 13180 | 10641 | 11384 |
| 45° | 9489 | 12286 | 9489 | 10784 |
| 50° | 10058 | 11220 | 10058 | 10181 |
| 55° | 9438 | 10071 | 9438 | 9833 |
| 60° | 9693 | 8554 | 9693 | 9006 |
| 65° | 8746 | 7071 | 8746 | 7904 |
| 70° | 6014 | 5635 | 6014 | 6625 |
| 75° | 5217 | 4165 | 5217 | 4988 |
| 80° | 4119 | 2754 | 4119 | 2998 |
| 85° | 2244 | 1459 | 2244 | 1239 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14572 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 161.5 | 2.4 |
| 10°-20° | 458.5 | 6.9 |
| 20°-30° | 708.7 | 10.7 |
| 30°-40° | 846.0 | 12.8 |
| 40°-50° | 851.0 | 12.8 |
| 50°-60° | 740.5 | 11.2 |
| 60°-70° | 525.0 | 7.9 |
| 70°-80° | 277.8 | 4.2 |
| 80°-90° | 70.3 | 1.1 |
| 90°-100° | 149.7 | 2.3 |
| 100°-110° | 393.6 | 5.9 |
| 110°-120° | 408.1 | 6.2 |
| 120°-130° | 327.3 | 4.9 |
| 130°-140° | 256.8 | 3.9 |
| 140°-150° | 197.1 | 3.0 |
| 150°-160° | 142.0 | 2.1 |
| 160°-170° | 86.9 | 1.3 |
| 170°-180° | 29.3 | 0.4 |
| 0°-30° | 1328.6 | 20.0 |
| 0°-40° | 2174.6 | 32.8 |
| 0°-60° | 3766.1 | 56.8 |
| 0°-90° | 4639.2 | 70.0 |
| 90°-120° | 951.3 | 14.3 |
| 90°-150° | 1732.6 | 26.1 |
| 90°-180° | 1991.0 | 30.0 |
| 0°-180° | 6630.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1789 | 1789 | 1789 | 1789 | 1789 | |
| 5° | 1797 | 1853 | 1797 | 1457 | 1797 | 170 |
| 15° | 1716 | 1836 | 1716 | 1533 | 1716 | 483 |
| 25° | 1511 | 1713 | 1511 | 1499 | 1511 | 694 |
| 35° | 1149 | 1528 | 1149 | 1305 | 1149 | 711 |
| 45° | 741 | 1259 | 741 | 1105 | 741 | 594 |
| 55° | 604 | 929 | 604 | 907 | 604 | 555 |
| 65° | 420 | 560 | 420 | 626 | 420 | 401 |
| 75° | 159 | 266 | 159 | 318 | 159 | 167 |
| 85° | 27 | 68 | 27 | 58 | 27 | 37 |
| 90° | 2 | 8 | 2 | 8 | 2 | 3 |
| 95° | 20 | 90 | 20 | 90 | 20 | 22 |
| 105° | 71 | 616 | 71 | 616 | 71 | 75 |
| 115° | 126 | 794 | 126 | 794 | 126 | 124 |
| 125° | 175 | 632 | 175 | 632 | 175 | 156 |
| 135° | 209 | 490 | 209 | 490 | 209 | 162 |
| 145° | 242 | 398 | 242 | 398 | 242 | 152 |
| 155° | 274 | 343 | 274 | 343 | 274 | 126 |
| 165° | 295 | 319 | 295 | 319 | 295 | 83 |
| 175° | 307 | 309 | 307 | 309 | 307 | 29 |
| 180° | 307 | 307 | 307 | 307 | 307 | |



TEST NUMBER: P934514

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 |
| 2.5° | 1804.0 | 1804.0 | 1814.2 | 1817.6 | 1817.6 | 1812.5 | 1807.4 | 1812.5 | 1827.7 | 1832.8 | 1831.1 |
| 5° | 1797.2 | 1810.8 | 1829.4 | 1832.8 | 1836.2 | 1834.5 | 1831.1 | 1834.5 | 1851.4 | 1854.8 | 1856.5 |
| 7.5° | 1783.7 | 1809.1 | 1832.8 | 1837.9 | 1842.9 | 1837.9 | 1836.2 | 1839.6 | 1856.5 | 1859.9 | 1859.9 |
| 10° | 1766.8 | 1802.3 | 1829.4 | 1832.8 | 1837.9 | 1832.8 | 1832.8 | 1839.6 | 1856.5 | 1859.9 | 1861.6 |
| 12.5° | 1743.1 | 1792.2 | 1817.6 | 1820.9 | 1827.7 | 1826.0 | 1824.3 | 1831.1 | 1848.0 | 1851.4 | 1851.4 |
| 15° | 1716.0 | 1773.6 | 1797.2 | 1800.6 | 1812.5 | 1809.1 | 1809.1 | 1815.9 | 1834.5 | 1839.6 | 1837.9 |
| 17.5° | 1678.8 | 1749.9 | 1776.9 | 1782.0 | 1790.5 | 1788.8 | 1790.5 | 1797.2 | 1814.2 | 1817.6 | 1819.2 |
| 20° | 1636.5 | 1717.7 | 1749.9 | 1754.9 | 1763.4 | 1763.4 | 1763.4 | 1771.9 | 1788.8 | 1795.6 | 1795.6 |
| 22.5° | 1578.9 | 1683.9 | 1717.7 | 1721.1 | 1731.2 | 1731.2 | 1734.6 | 1746.5 | 1761.7 | 1763.4 | 1763.4 |
| 25° | 1511.2 | 1646.6 | 1675.4 | 1685.6 | 1695.7 | 1700.8 | 1705.9 | 1712.6 | 1717.7 | 1716.0 | 1717.7 |
| 27.5° | 1440.2 | 1599.2 | 1636.5 | 1643.2 | 1656.8 | 1661.9 | 1668.6 | 1670.3 | 1672.0 | 1677.1 | 1673.7 |
| 30° | 1360.6 | 1533.2 | 1589.1 | 1595.9 | 1617.9 | 1621.2 | 1614.5 | 1617.9 | 1626.3 | 1629.7 | 1633.1 |
| 32.5° | 1270.9 | 1435.1 | 1540.0 | 1555.2 | 1575.6 | 1565.4 | 1563.7 | 1568.8 | 1582.3 | 1582.3 | 1585.7 |
| 35° | 1149.1 | 1358.9 | 1494.3 | 1507.9 | 1523.1 | 1511.2 | 1518.0 | 1519.7 | 1528.2 | 1533.2 | 1531.6 |
| 37.5° | 1015.4 | 1292.9 | 1446.9 | 1457.1 | 1468.9 | 1453.7 | 1463.9 | 1468.9 | 1475.7 | 1472.3 | 1472.3 |
| 40° | 896.9 | 1189.7 | 1391.1 | 1397.9 | 1408.0 | 1396.2 | 1406.3 | 1409.7 | 1413.1 | 1409.7 | 1408.0 |
| 42.5° | 808.9 | 1076.3 | 1331.9 | 1340.3 | 1333.5 | 1342.0 | 1345.4 | 1352.2 | 1347.1 | 1340.3 | 1340.3 |
| 45° | 741.2 | 1045.9 | 1267.5 | 1277.7 | 1267.5 | 1281.1 | 1286.2 | 1286.2 | 1270.9 | 1267.5 | 1265.9 |
| 47.5° | 719.2 | 984.9 | 1203.2 | 1203.2 | 1198.2 | 1215.1 | 1223.5 | 1211.7 | 1196.5 | 1191.4 | 1191.4 |
| 50° | 717.5 | 917.2 | 1115.2 | 1108.5 | 1132.2 | 1152.5 | 1144.0 | 1132.2 | 1120.3 | 1101.7 | 1101.7 |
| 52.5° | 651.5 | 834.3 | 1001.9 | 1027.2 | 1064.5 | 1076.3 | 1062.8 | 1050.9 | 1030.6 | 1022.2 | 1015.4 |
| 55° | 604.2 | 748.0 | 898.6 | 949.4 | 988.3 | 1003.5 | 978.2 | 966.3 | 935.9 | 930.8 | 927.4 |
| 57.5° | 594.0 | 622.8 | 803.9 | 868.2 | 915.5 | 913.9 | 898.6 | 876.6 | 851.2 | 846.2 | 844.5 |
| 60° | 544.9 | 450.2 | 702.3 | 778.5 | 827.5 | 822.5 | 808.9 | 788.6 | 764.9 | 761.5 | 758.2 |
| 62.5° | 494.2 | 326.6 | 587.2 | 673.5 | 742.9 | 741.2 | 729.4 | 698.9 | 682.0 | 673.5 | 666.8 |
| 65° | 419.7 | 274.2 | 418.0 | 560.2 | 660.0 | 663.4 | 638.0 | 616.0 | 597.4 | 587.2 | 585.5 |
| 67.5° | 319.8 | 223.4 | 282.6 | 467.1 | 580.5 | 577.1 | 544.9 | 534.8 | 511.1 | 506.0 | 495.9 |
| 70° | 236.9 | 148.9 | 196.3 | 379.1 | 502.6 | 494.2 | 468.8 | 456.9 | 434.9 | 423.1 | 416.3 |
| 72.5° | 196.3 | 120.2 | 143.8 | 294.5 | 423.1 | 412.9 | 390.9 | 377.4 | 358.8 | 348.6 | 341.8 |
| 75° | 159.1 | 126.9 | 110.0 | 218.3 | 343.5 | 336.8 | 316.5 | 302.9 | 287.7 | 274.2 | 275.8 |
| 77.5° | 116.8 | 118.5 | 88.0 | 160.8 | 272.5 | 262.3 | 250.5 | 233.5 | 226.8 | 213.2 | 213.2 |
| 80° | 88.0 | 93.1 | 66.0 | 110.0 | 196.3 | 196.3 | 186.2 | 174.3 | 162.5 | 155.7 | 155.7 |
| 82.5° | 59.2 | 59.2 | 49.1 | 69.4 | 133.7 | 128.6 | 121.8 | 118.5 | 111.7 | 108.3 | 108.3 |
| 85° | 27.1 | 33.8 | 30.5 | 42.3 | 72.8 | 76.2 | 76.2 | 72.8 | 71.1 | 67.7 | 69.4 |
| 87.5° | 8.5 | 15.2 | 18.6 | 23.7 | 37.2 | 38.9 | 40.6 | 40.6 | 40.6 | 42.3 | 42.3 |
| 90° | 2.1 | 3.7 | 5.4 | 5.8 | 9.1 | 13.5 | 15.7 | 13.9 | 10.4 | 7.8 | 7.8 |
| 92.5° | 8.2 | 22.2 | 36.3 | 39.8 | 55.9 | 77.4 | 88.2 | 77.3 | 55.5 | 39.2 | 37.6 |
| 95° | 19.8 | 45.4 | 71.1 | 77.5 | 137.6 | 217.7 | 257.8 | 230.0 | 174.5 | 132.9 | 128.2 |
| 97.5° | 34.2 | 56.8 | 79.4 | 85.1 | 185.3 | 319.0 | 385.8 | 368.3 | 333.2 | 306.9 | 297.9 |
| 100° | 45.3 | 65.8 | 86.4 | 91.5 | 202.7 | 351.0 | 425.2 | 426.5 | 429.1 | 431.0 | 420.3 |
| 102.5° | 54.8 | 74.0 | 93.1 | 97.9 | 210.7 | 361.1 | 436.3 | 458.7 | 503.4 | 536.9 | 527.7 |
| 105° | 70.9 | 87.1 | 103.3 | 107.4 | 216.6 | 362.3 | 435.1 | 485.2 | 585.4 | 660.6 | 655.7 |
| 107.5° | 87.4 | 102.5 | 117.6 | 121.4 | 217.7 | 346.2 | 410.4 | 480.3 | 620.1 | 724.9 | 726.1 |
| 110° | 98.5 | 112.1 | 125.8 | 129.2 | 216.1 | 331.9 | 389.8 | 467.9 | 624.2 | 741.4 | 746.5 |



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CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 109.4 | 122.4 | 135.4 | 138.7 | 216.1 | 319.4 | 371.0 | 451.0 | 610.9 | 730.9 | 738.8 |
| 115° | 125.9 | 137.9 | 149.9 | 152.9 | 218.1 | 305.0 | 348.5 | 425.5 | 579.6 | 695.2 | 706.1 |
| 117.5° | 142.2 | 153.1 | 164.0 | 166.7 | 222.2 | 296.1 | 333.1 | 402.6 | 541.6 | 645.9 | 658.0 |
| 120° | 151.7 | 162.0 | 172.2 | 174.8 | 225.5 | 293.1 | 326.9 | 390.4 | 517.5 | 612.8 | 624.6 |
| 122.5° | 161.0 | 171.4 | 181.7 | 184.3 | 230.2 | 291.5 | 322.1 | 379.3 | 493.8 | 579.6 | 591.2 |
| 125° | 175.2 | 184.6 | 194.0 | 196.4 | 236.6 | 290.2 | 317.0 | 365.6 | 462.8 | 535.7 | 546.4 |
| 127.5° | 186.7 | 196.3 | 205.8 | 208.2 | 243.0 | 289.5 | 312.7 | 354.4 | 437.8 | 500.4 | 509.4 |
| 130° | 192.9 | 203.2 | 213.4 | 216.0 | 247.7 | 289.9 | 311.0 | 348.2 | 422.5 | 478.2 | 486.5 |
| 132.5° | 199.3 | 209.6 | 219.8 | 222.4 | 251.5 | 290.2 | 309.6 | 342.8 | 409.3 | 459.2 | 466.7 |
| 135° | 208.8 | 218.1 | 227.5 | 229.8 | 255.6 | 289.9 | 307.1 | 334.9 | 390.6 | 432.4 | 438.8 |
| 137.5° | 218.5 | 227.7 | 237.0 | 239.3 | 261.8 | 291.7 | 306.7 | 330.2 | 377.3 | 412.6 | 417.9 |
| 140° | 226.5 | 235.0 | 243.6 | 245.7 | 265.5 | 292.0 | 305.2 | 325.6 | 366.3 | 396.8 | 401.7 |
| 142.5° | 232.7 | 240.6 | 248.4 | 250.4 | 268.7 | 293.0 | 305.2 | 323.1 | 358.8 | 385.6 | 389.8 |
| 145° | 242.2 | 249.0 | 255.9 | 257.6 | 272.8 | 293.1 | 303.2 | 317.8 | 347.0 | 368.9 | 372.1 |
| 147.5° | 251.7 | 258.4 | 265.0 | 266.7 | 278.9 | 295.1 | 303.2 | 314.7 | 337.7 | 354.9 | 357.6 |
| 150° | 257.8 | 263.8 | 269.9 | 271.4 | 282.0 | 296.1 | 303.2 | 312.9 | 332.3 | 346.9 | 349.1 |
| 152.5° | 264.2 | 268.8 | 273.4 | 274.5 | 284.1 | 296.8 | 303.2 | 311.5 | 328.1 | 340.5 | 342.1 |
| 155° | 273.7 | 277.1 | 280.5 | 281.3 | 288.6 | 298.3 | 303.2 | 309.8 | 323.0 | 332.9 | 334.0 |
| 157.5° | 280.7 | 284.0 | 287.3 | 288.1 | 293.1 | 299.8 | 303.2 | 308.3 | 318.6 | 326.3 | 327.1 |
| 160° | 285.5 | 288.0 | 290.6 | 291.2 | 295.2 | 300.5 | 303.2 | 307.6 | 316.4 | 323.0 | 323.4 |
| 162.5° | 290.2 | 292.1 | 294.0 | 294.5 | 297.4 | 301.3 | 303.2 | 306.9 | 314.3 | 319.9 | 320.3 |
| 165° | 295.4 | 297.1 | 298.9 | 299.3 | 300.6 | 302.3 | 303.2 | 305.8 | 311.1 | 315.1 | 315.5 |
| 167.5° | 300.1 | 300.9 | 301.7 | 301.9 | 303.0 | 304.5 | 305.2 | 307.0 | 310.5 | 313.1 | 313.3 |
| 170° | 303.2 | 304.0 | 304.8 | 305.0 | 305.1 | 305.2 | 305.2 | 307.0 | 310.5 | 313.1 | 313.1 |
| 172.5° | 304.8 | 305.0 | 305.2 | 305.2 | 305.2 | 305.2 | 305.2 | 306.6 | 309.3 | 311.4 | 311.2 |
| 175° | 307.1 | 307.1 | 307.1 | 307.1 | 306.5 | 305.6 | 305.2 | 306.1 | 307.9 | 309.2 | 309.2 |
| 177.5° | 307.1 | 307.1 | 307.1 | 307.1 | 306.6 | 306.0 | 305.7 | 306.4 | 307.8 | 308.8 | 308.6 |
| 180° | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 |



TEST NUMBER: P934514

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 |
| 2.5° | 1834.5 | 1829.4 | 1834.5 | 1831.1 | 1832.8 | 1827.7 | 1812.5 | 1807.4 | 1812.5 | 1817.6 | 1817.6 |
| 5° | 1856.5 | 1853.1 | 1856.5 | 1856.5 | 1854.8 | 1851.4 | 1834.5 | 1831.1 | 1834.5 | 1836.2 | 1832.8 |
| 7.5° | 1863.2 | 1858.2 | 1863.2 | 1859.9 | 1859.9 | 1856.5 | 1839.6 | 1836.2 | 1837.9 | 1842.9 | 1837.9 |
| 10° | 1863.2 | 1858.2 | 1863.2 | 1861.6 | 1859.9 | 1856.5 | 1839.6 | 1832.8 | 1832.8 | 1837.9 | 1832.8 |
| 12.5° | 1854.8 | 1851.4 | 1854.8 | 1851.4 | 1851.4 | 1848.0 | 1831.1 | 1824.3 | 1826.0 | 1827.7 | 1820.9 |
| 15° | 1841.2 | 1836.2 | 1841.2 | 1837.9 | 1839.6 | 1834.5 | 1815.9 | 1809.1 | 1809.1 | 1812.5 | 1800.6 |
| 17.5° | 1820.9 | 1814.2 | 1820.9 | 1819.2 | 1817.6 | 1814.2 | 1797.2 | 1790.5 | 1788.8 | 1790.5 | 1782.0 |
| 20° | 1797.2 | 1792.2 | 1797.2 | 1795.6 | 1795.6 | 1788.8 | 1771.9 | 1763.4 | 1763.4 | 1763.4 | 1754.9 |
| 22.5° | 1760.0 | 1754.9 | 1760.0 | 1763.4 | 1763.4 | 1761.7 | 1746.5 | 1734.6 | 1731.2 | 1731.2 | 1721.1 |
| 25° | 1717.7 | 1712.6 | 1717.7 | 1717.7 | 1716.0 | 1717.7 | 1712.6 | 1705.9 | 1700.8 | 1695.7 | 1685.6 |
| 27.5° | 1677.1 | 1673.7 | 1677.1 | 1673.7 | 1677.1 | 1672.0 | 1670.3 | 1668.6 | 1661.9 | 1656.8 | 1643.2 |
| 30° | 1636.5 | 1633.1 | 1636.5 | 1633.1 | 1629.7 | 1626.3 | 1617.9 | 1614.5 | 1621.2 | 1617.9 | 1595.9 |
| 32.5° | 1585.7 | 1582.3 | 1585.7 | 1585.7 | 1582.3 | 1582.3 | 1568.8 | 1563.7 | 1565.4 | 1575.6 | 1555.2 |
| 35° | 1533.2 | 1528.2 | 1533.2 | 1531.6 | 1533.2 | 1528.2 | 1519.7 | 1518.0 | 1511.2 | 1523.1 | 1507.9 |
| 37.5° | 1472.3 | 1467.2 | 1472.3 | 1472.3 | 1472.3 | 1475.7 | 1468.9 | 1463.9 | 1453.7 | 1468.9 | 1457.1 |
| 40° | 1409.7 | 1402.9 | 1409.7 | 1408.0 | 1409.7 | 1413.1 | 1409.7 | 1406.3 | 1396.2 | 1408.0 | 1397.9 |
| 42.5° | 1338.6 | 1336.9 | 1338.6 | 1340.3 | 1340.3 | 1347.1 | 1352.2 | 1345.4 | 1342.0 | 1333.5 | 1340.3 |
| 45° | 1262.5 | 1259.1 | 1262.5 | 1265.9 | 1267.5 | 1270.9 | 1286.2 | 1286.2 | 1281.1 | 1267.5 | 1277.7 |
| 47.5° | 1181.2 | 1172.8 | 1181.2 | 1191.4 | 1191.4 | 1196.5 | 1211.7 | 1223.5 | 1215.1 | 1198.2 | 1203.2 |
| 50° | 1094.9 | 1096.6 | 1094.9 | 1101.7 | 1101.7 | 1120.3 | 1132.2 | 1144.0 | 1152.5 | 1132.2 | 1108.5 |
| 52.5° | 1010.3 | 1008.6 | 1010.3 | 1015.4 | 1022.2 | 1030.6 | 1050.9 | 1062.8 | 1076.3 | 1064.5 | 1027.2 |
| 55° | 925.7 | 929.1 | 925.7 | 927.4 | 930.8 | 935.9 | 966.3 | 978.2 | 1003.5 | 988.3 | 949.4 |
| 57.5° | 841.1 | 836.0 | 841.1 | 844.5 | 846.2 | 851.2 | 876.6 | 898.6 | 913.9 | 915.5 | 868.2 |
| 60° | 742.9 | 736.2 | 742.9 | 758.2 | 761.5 | 764.9 | 788.6 | 808.9 | 822.5 | 827.5 | 778.5 |
| 62.5° | 656.6 | 644.8 | 656.6 | 666.8 | 673.5 | 682.0 | 698.9 | 729.4 | 741.2 | 742.9 | 673.5 |
| 65° | 565.2 | 560.2 | 565.2 | 585.5 | 587.2 | 597.4 | 616.0 | 638.0 | 663.4 | 660.0 | 560.2 |
| 67.5° | 482.3 | 482.3 | 482.3 | 495.9 | 506.0 | 511.1 | 534.8 | 544.9 | 577.1 | 580.5 | 467.1 |
| 70° | 406.2 | 404.5 | 406.2 | 416.3 | 423.1 | 434.9 | 456.9 | 468.8 | 494.2 | 502.6 | 379.1 |
| 72.5° | 333.4 | 331.7 | 333.4 | 341.8 | 348.6 | 358.8 | 377.4 | 390.9 | 412.9 | 423.1 | 294.5 |
| 75° | 269.1 | 265.7 | 269.1 | 275.8 | 274.2 | 287.7 | 302.9 | 316.5 | 336.8 | 343.5 | 218.3 |
| 77.5° | 206.5 | 206.5 | 206.5 | 213.2 | 213.2 | 226.8 | 233.5 | 250.5 | 262.3 | 272.5 | 160.8 |
| 80° | 154.0 | 152.3 | 154.0 | 155.7 | 155.7 | 162.5 | 174.3 | 186.2 | 196.3 | 196.3 | 110.0 |
| 82.5° | 108.3 | 104.9 | 108.3 | 108.3 | 108.3 | 111.7 | 118.5 | 121.8 | 128.6 | 133.7 | 69.4 |
| 85° | 67.7 | 67.7 | 67.7 | 69.4 | 67.7 | 71.1 | 72.8 | 76.2 | 76.2 | 72.8 | 42.3 |
| 87.5° | 44.0 | 42.3 | 44.0 | 42.3 | 42.3 | 40.6 | 40.6 | 40.6 | 38.9 | 37.2 | 23.7 |
| 90° | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 10.4 | 13.9 | 15.7 | 13.5 | 9.1 | 5.8 |
| 92.5° | 31.4 | 25.1 | 31.4 | 37.6 | 39.2 | 55.5 | 77.3 | 88.2 | 77.4 | 55.9 | 39.8 |
| 95° | 109.3 | 90.5 | 109.3 | 128.2 | 132.9 | 174.5 | 230.0 | 257.8 | 217.7 | 137.6 | 77.5 |
| 97.5° | 262.0 | 226.1 | 262.0 | 297.9 | 306.9 | 333.2 | 368.3 | 385.8 | 319.0 | 185.3 | 85.1 |
| 100° | 377.5 | 334.7 | 377.5 | 420.3 | 431.0 | 429.1 | 426.5 | 425.2 | 351.0 | 202.7 | 91.5 |
| 102.5° | 491.1 | 454.5 | 491.1 | 527.7 | 536.9 | 503.4 | 458.7 | 436.3 | 361.1 | 210.7 | 97.9 |
| 105° | 636.0 | 616.3 | 636.0 | 655.7 | 660.6 | 585.4 | 485.2 | 435.1 | 362.3 | 216.6 | 107.4 |
| 107.5° | 730.8 | 735.6 | 730.8 | 726.1 | 724.9 | 620.1 | 480.3 | 410.4 | 346.2 | 217.7 | 121.4 |
| 110° | 767.0 | 787.5 | 767.0 | 746.5 | 741.4 | 624.2 | 467.9 | 389.8 | 331.9 | 216.1 | 129.2 |



TEST NUMBER: P934514

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 770.3 | 801.8 | 770.3 | 738.8 | 730.9 | 610.9 | 451.0 | 371.0 | 319.4 | 216.1 | 138.7 |
| 115° | 749.8 | 793.5 | 749.8 | 706.1 | 695.2 | 579.6 | 425.5 | 348.5 | 305.0 | 218.1 | 152.9 |
| 117.5° | 706.5 | 755.0 | 706.5 | 658.0 | 645.9 | 541.6 | 402.6 | 333.1 | 296.1 | 222.2 | 166.7 |
| 120° | 671.6 | 718.7 | 671.6 | 624.6 | 612.8 | 517.5 | 390.4 | 326.9 | 293.1 | 225.5 | 174.8 |
| 122.5° | 637.7 | 684.1 | 637.7 | 591.2 | 579.6 | 493.8 | 379.3 | 322.1 | 291.5 | 230.2 | 184.3 |
| 125° | 589.1 | 631.9 | 589.1 | 546.4 | 535.7 | 462.8 | 365.6 | 317.0 | 290.2 | 236.6 | 196.4 |
| 127.5° | 545.5 | 581.6 | 545.5 | 509.4 | 500.4 | 437.8 | 354.4 | 312.7 | 289.5 | 243.0 | 208.2 |
| 130° | 519.9 | 553.2 | 519.9 | 486.5 | 478.2 | 422.5 | 348.2 | 311.0 | 289.9 | 247.7 | 216.0 |
| 132.5° | 496.5 | 526.4 | 496.5 | 466.7 | 459.2 | 409.3 | 342.8 | 309.6 | 290.2 | 251.5 | 222.4 |
| 135° | 464.6 | 490.3 | 464.6 | 438.8 | 432.4 | 390.6 | 334.9 | 307.1 | 289.9 | 255.6 | 229.8 |
| 137.5° | 438.9 | 460.0 | 438.9 | 417.9 | 412.6 | 377.3 | 330.2 | 306.7 | 291.7 | 261.8 | 239.3 |
| 140° | 421.4 | 441.1 | 421.4 | 401.7 | 396.8 | 366.3 | 325.6 | 305.2 | 292.0 | 265.5 | 245.7 |
| 142.5° | 406.8 | 423.8 | 406.8 | 389.8 | 385.6 | 358.8 | 323.1 | 305.2 | 293.0 | 268.7 | 250.4 |
| 145° | 385.0 | 397.8 | 385.0 | 372.1 | 368.9 | 347.0 | 317.8 | 303.2 | 293.1 | 272.8 | 257.6 |
| 147.5° | 368.2 | 378.8 | 368.2 | 357.6 | 354.9 | 337.7 | 314.7 | 303.2 | 295.1 | 278.9 | 266.7 |
| 150° | 357.7 | 366.3 | 357.7 | 349.1 | 346.9 | 332.3 | 312.9 | 303.2 | 296.1 | 282.0 | 271.4 |
| 152.5° | 348.6 | 355.1 | 348.6 | 342.1 | 340.5 | 328.1 | 311.5 | 303.2 | 296.8 | 284.1 | 274.5 |
| 155° | 338.3 | 342.6 | 338.3 | 334.0 | 332.9 | 323.0 | 309.8 | 303.2 | 298.3 | 288.6 | 281.3 |
| 157.5° | 330.1 | 333.1 | 330.1 | 327.1 | 326.3 | 318.6 | 308.3 | 303.2 | 299.8 | 293.1 | 288.1 |
| 160° | 325.2 | 326.9 | 325.2 | 323.4 | 323.0 | 316.4 | 307.6 | 303.2 | 300.5 | 295.2 | 291.2 |
| 162.5° | 322.0 | 323.6 | 322.0 | 320.3 | 319.9 | 314.3 | 306.9 | 303.2 | 301.3 | 297.4 | 294.5 |
| 165° | 317.3 | 319.1 | 317.3 | 315.5 | 315.1 | 311.1 | 305.8 | 303.2 | 302.3 | 300.6 | 299.3 |
| 167.5° | 314.0 | 314.7 | 314.0 | 313.3 | 313.1 | 310.5 | 307.0 | 305.2 | 304.5 | 303.0 | 301.9 |
| 170° | 313.1 | 313.1 | 313.1 | 313.1 | 313.1 | 310.5 | 307.0 | 305.2 | 305.2 | 305.1 | 305.0 |
| 172.5° | 310.6 | 310.0 | 310.6 | 311.2 | 311.4 | 309.3 | 306.6 | 305.2 | 305.2 | 305.2 | 305.2 |
| 175° | 309.2 | 309.2 | 309.2 | 309.2 | 309.2 | 307.9 | 306.1 | 305.2 | 305.6 | 306.5 | 307.1 |
| 177.5° | 307.9 | 307.1 | 307.9 | 308.6 | 308.8 | 307.8 | 306.4 | 305.7 | 306.0 | 306.6 | 307.1 |
| 180° | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 |



TEST NUMBER: P934514

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 |
| 2.5° | 1814.2 | 1804.0 | 1804.0 | 1787.1 | 1780.3 | 1775.2 | 1766.8 | 1741.4 | 1734.6 | 1727.9 | 1738.0 |
| 5° | 1829.4 | 1810.8 | 1797.2 | 1766.8 | 1741.4 | 1731.2 | 1699.1 | 1638.2 | 1597.6 | 1567.1 | 1550.2 |
| 7.5° | 1832.8 | 1809.1 | 1783.7 | 1736.3 | 1675.4 | 1648.3 | 1550.2 | 1438.5 | 1408.0 | 1380.9 | 1364.0 |
| 10° | 1829.4 | 1802.3 | 1766.8 | 1695.7 | 1551.9 | 1504.5 | 1406.3 | 1333.5 | 1314.9 | 1309.9 | 1314.9 |
| 12.5° | 1817.6 | 1792.2 | 1743.1 | 1624.6 | 1423.2 | 1391.1 | 1333.5 | 1291.2 | 1287.9 | 1296.3 | 1342.0 |
| 15° | 1797.2 | 1773.6 | 1716.0 | 1529.9 | 1352.2 | 1328.5 | 1287.9 | 1272.6 | 1291.2 | 1350.5 | 1487.6 |
| 17.5° | 1776.9 | 1749.9 | 1678.8 | 1436.8 | 1298.0 | 1281.1 | 1252.3 | 1282.8 | 1387.7 | 1467.2 | 1512.9 |
| 20° | 1749.9 | 1717.7 | 1636.5 | 1369.1 | 1259.1 | 1243.9 | 1230.3 | 1367.4 | 1446.9 | 1475.7 | 1501.1 |
| 22.5° | 1717.7 | 1683.9 | 1578.9 | 1321.7 | 1218.5 | 1206.6 | 1215.1 | 1414.8 | 1446.9 | 1467.2 | 1489.2 |
| 25° | 1675.4 | 1646.6 | 1511.2 | 1284.5 | 1186.3 | 1172.8 | 1204.9 | 1409.7 | 1428.3 | 1433.4 | 1477.4 |
| 27.5° | 1636.5 | 1599.2 | 1440.2 | 1250.6 | 1147.4 | 1142.3 | 1213.4 | 1387.7 | 1401.2 | 1406.3 | 1453.7 |
| 30° | 1589.1 | 1533.2 | 1360.6 | 1215.1 | 1106.8 | 1105.1 | 1215.1 | 1360.6 | 1357.2 | 1370.8 | 1418.2 |
| 32.5° | 1540.0 | 1435.1 | 1270.9 | 1171.1 | 1067.9 | 1066.2 | 1203.2 | 1320.0 | 1316.6 | 1335.2 | 1370.8 |
| 35° | 1494.3 | 1358.9 | 1149.1 | 1120.3 | 1018.8 | 1020.5 | 1174.5 | 1272.6 | 1274.3 | 1291.2 | 1313.2 |
| 37.5° | 1446.9 | 1292.9 | 1015.4 | 1064.5 | 971.4 | 971.4 | 1135.5 | 1228.6 | 1225.2 | 1230.3 | 1260.8 |
| 40° | 1391.1 | 1189.7 | 896.9 | 991.7 | 927.4 | 922.3 | 1088.2 | 1181.2 | 1169.4 | 1167.7 | 1210.0 |
| 42.5° | 1331.9 | 1076.3 | 808.9 | 895.2 | 876.6 | 869.9 | 1030.6 | 1123.7 | 1101.7 | 1106.8 | 1160.9 |
| 45° | 1267.5 | 1045.9 | 741.2 | 756.5 | 824.2 | 819.1 | 968.0 | 1057.7 | 1042.5 | 1056.0 | 1111.9 |
| 47.5° | 1203.2 | 984.9 | 719.2 | 627.9 | 768.3 | 766.6 | 898.6 | 993.4 | 984.9 | 998.5 | 1057.7 |
| 50° | 1115.2 | 917.2 | 717.5 | 538.2 | 705.7 | 712.5 | 815.7 | 930.8 | 930.8 | 942.6 | 1005.2 |
| 52.5° | 1001.9 | 834.3 | 651.5 | 487.4 | 632.9 | 653.2 | 742.9 | 876.6 | 880.0 | 891.9 | 947.7 |
| 55° | 898.6 | 748.0 | 604.2 | 448.5 | 546.6 | 590.6 | 671.9 | 820.8 | 827.5 | 839.4 | 890.2 |
| 57.5° | 803.9 | 622.8 | 594.0 | 402.8 | 467.1 | 509.4 | 609.2 | 766.6 | 770.0 | 780.2 | 829.2 |
| 60° | 702.3 | 450.2 | 544.9 | 353.7 | 397.7 | 429.8 | 551.7 | 702.3 | 714.2 | 720.9 | 763.2 |
| 62.5° | 587.2 | 326.6 | 494.2 | 319.8 | 363.8 | 370.6 | 504.3 | 641.4 | 656.6 | 661.7 | 687.1 |
| 65° | 418.0 | 274.2 | 419.7 | 291.1 | 328.3 | 330.0 | 453.5 | 578.8 | 592.3 | 600.8 | 619.4 |
| 67.5° | 282.6 | 223.4 | 319.8 | 264.0 | 301.2 | 302.9 | 404.5 | 506.0 | 524.6 | 531.4 | 543.2 |
| 70° | 196.3 | 148.9 | 236.9 | 235.2 | 270.8 | 274.2 | 352.0 | 440.0 | 456.9 | 462.0 | 468.8 |
| 72.5° | 143.8 | 120.2 | 196.3 | 211.5 | 238.6 | 242.0 | 297.8 | 365.5 | 382.5 | 387.5 | 390.9 |
| 75° | 110.0 | 126.9 | 159.1 | 184.5 | 203.1 | 204.8 | 243.7 | 297.8 | 309.7 | 313.1 | 314.8 |
| 77.5° | 88.0 | 118.5 | 116.8 | 148.9 | 165.8 | 162.5 | 191.2 | 230.2 | 240.3 | 240.3 | 240.3 |
| 80° | 66.0 | 93.1 | 88.0 | 106.6 | 121.8 | 118.5 | 137.1 | 164.2 | 167.5 | 170.9 | 169.2 |
| 82.5° | 49.1 | 59.2 | 59.2 | 67.7 | 81.2 | 77.8 | 91.4 | 106.6 | 106.6 | 106.6 | 110.0 |
| 85° | 30.5 | 33.8 | 27.1 | 35.5 | 45.7 | 44.0 | 50.8 | 57.5 | 59.2 | 59.2 | 55.8 |
| 87.5° | 18.6 | 15.2 | 8.5 | 13.5 | 20.3 | 20.3 | 23.7 | 25.4 | 23.7 | 23.7 | 23.7 |
| 90° | 5.4 | 3.7 | 2.1 | 3.7 | 5.4 | 5.8 | 9.1 | 13.5 | 15.7 | 13.9 | 10.4 |
| 92.5° | 36.3 | 22.2 | 8.2 | 22.2 | 36.3 | 39.8 | 55.9 | 77.4 | 88.2 | 77.3 | 55.5 |
| 95° | 71.1 | 45.4 | 19.8 | 45.4 | 71.1 | 77.5 | 137.6 | 217.7 | 257.8 | 230.0 | 174.5 |
| 97.5° | 79.4 | 56.8 | 34.2 | 56.8 | 79.4 | 85.1 | 185.3 | 319.0 | 385.8 | 368.3 | 333.2 |
| 100° | 86.4 | 65.8 | 45.3 | 65.8 | 86.4 | 91.5 | 202.7 | 351.0 | 425.2 | 426.5 | 429.1 |
| 102.5° | 93.1 | 74.0 | 54.8 | 74.0 | 93.1 | 97.9 | 210.7 | 361.1 | 436.3 | 458.7 | 503.4 |
| 105° | 103.3 | 87.1 | 70.9 | 87.1 | 103.3 | 107.4 | 216.6 | 362.3 | 435.1 | 485.2 | 585.4 |
| 107.5° | 117.6 | 102.5 | 87.4 | 102.5 | 117.6 | 121.4 | 217.7 | 346.2 | 410.4 | 480.3 | 620.1 |
| 110° | 125.8 | 112.1 | 98.5 | 112.1 | 125.8 | 129.2 | 216.1 | 331.9 | 389.8 | 467.9 | 624.2 |



TEST NUMBER: P934514

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 135.4 | 122.4 | 109.4 | 122.4 | 135.4 | 138.7 | 216.1 | 319.4 | 371.0 | 451.0 | 610.9 |
| 115° | 149.9 | 137.9 | 125.9 | 137.9 | 149.9 | 152.9 | 218.1 | 305.0 | 348.5 | 425.5 | 579.6 |
| 117.5° | 164.0 | 153.1 | 142.2 | 153.1 | 164.0 | 166.7 | 222.2 | 296.1 | 333.1 | 402.6 | 541.6 |
| 120° | 172.2 | 162.0 | 151.7 | 162.0 | 172.2 | 174.8 | 225.5 | 293.1 | 326.9 | 390.4 | 517.5 |
| 122.5° | 181.7 | 171.4 | 161.0 | 171.4 | 181.7 | 184.3 | 230.2 | 291.5 | 322.1 | 379.3 | 493.8 |
| 125° | 194.0 | 184.6 | 175.2 | 184.6 | 194.0 | 196.4 | 236.6 | 290.2 | 317.0 | 365.6 | 462.8 |
| 127.5° | 205.8 | 196.3 | 186.7 | 196.3 | 205.8 | 208.2 | 243.0 | 289.5 | 312.7 | 354.4 | 437.8 |
| 130° | 213.4 | 203.2 | 192.9 | 203.2 | 213.4 | 216.0 | 247.7 | 289.9 | 311.0 | 348.2 | 422.5 |
| 132.5° | 219.8 | 209.6 | 199.3 | 209.6 | 219.8 | 222.4 | 251.5 | 290.2 | 309.6 | 342.8 | 409.3 |
| 135° | 227.5 | 218.1 | 208.8 | 218.1 | 227.5 | 229.8 | 255.6 | 289.9 | 307.1 | 334.9 | 390.6 |
| 137.5° | 237.0 | 227.7 | 218.5 | 227.7 | 237.0 | 239.3 | 261.8 | 291.7 | 306.7 | 330.2 | 377.3 |
| 140° | 243.6 | 235.0 | 226.5 | 235.0 | 243.6 | 245.7 | 265.5 | 292.0 | 305.2 | 325.6 | 366.3 |
| 142.5° | 248.4 | 240.6 | 232.7 | 240.6 | 248.4 | 250.4 | 268.7 | 293.0 | 305.2 | 323.1 | 358.8 |
| 145° | 255.9 | 249.0 | 242.2 | 249.0 | 255.9 | 257.6 | 272.8 | 293.1 | 303.2 | 317.8 | 347.0 |
| 147.5° | 265.0 | 258.4 | 251.7 | 258.4 | 265.0 | 266.7 | 278.9 | 295.1 | 303.2 | 314.7 | 337.7 |
| 150° | 269.9 | 263.8 | 257.8 | 263.8 | 269.9 | 271.4 | 282.0 | 296.1 | 303.2 | 312.9 | 332.3 |
| 152.5° | 273.4 | 268.8 | 264.2 | 268.8 | 273.4 | 274.5 | 284.1 | 296.8 | 303.2 | 311.5 | 328.1 |
| 155° | 280.5 | 277.1 | 273.7 | 277.1 | 280.5 | 281.3 | 288.6 | 298.3 | 303.2 | 309.8 | 323.0 |
| 157.5° | 287.3 | 284.0 | 280.7 | 284.0 | 287.3 | 288.1 | 293.1 | 299.8 | 303.2 | 308.3 | 318.6 |
| 160° | 290.6 | 288.0 | 285.5 | 288.0 | 290.6 | 291.2 | 295.2 | 300.5 | 303.2 | 307.6 | 316.4 |
| 162.5° | 294.0 | 292.1 | 290.2 | 292.1 | 294.0 | 294.5 | 297.4 | 301.3 | 303.2 | 306.9 | 314.3 |
| 165° | 298.9 | 297.1 | 295.4 | 297.1 | 298.9 | 299.3 | 300.6 | 302.3 | 303.2 | 305.8 | 311.1 |
| 167.5° | 301.7 | 300.9 | 300.1 | 300.9 | 301.7 | 301.9 | 303.0 | 304.5 | 305.2 | 307.0 | 310.5 |
| 170° | 304.8 | 304.0 | 303.2 | 304.0 | 304.8 | 305.0 | 305.1 | 305.2 | 305.2 | 307.0 | 310.5 |
| 172.5° | 305.2 | 305.0 | 304.8 | 305.0 | 305.2 | 305.2 | 305.2 | 305.2 | 305.2 | 306.6 | 309.3 |
| 175° | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 306.5 | 305.6 | 305.2 | 306.1 | 307.9 |
| 177.5° | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 306.6 | 306.0 | 305.7 | 306.4 | 307.8 |
| 180° | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 |



TEST NUMBER: P934514
 CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 |
| 2.5° | 1726.2 | 1721.1 | 1727.9 | 1709.2 | 1727.9 | 1721.1 | 1726.2 | 1738.0 | 1727.9 | 1734.6 | 1741.4 |
| 5° | 1514.6 | 1506.2 | 1479.1 | 1457.1 | 1479.1 | 1506.2 | 1514.6 | 1550.2 | 1567.1 | 1597.6 | 1638.2 |
| 7.5° | 1353.9 | 1347.1 | 1340.3 | 1326.8 | 1340.3 | 1347.1 | 1353.9 | 1364.0 | 1380.9 | 1408.0 | 1438.5 |
| 10° | 1318.3 | 1320.0 | 1330.2 | 1328.5 | 1330.2 | 1320.0 | 1318.3 | 1314.9 | 1309.9 | 1314.9 | 1333.5 |
| 12.5° | 1409.7 | 1424.9 | 1480.8 | 1477.4 | 1480.8 | 1424.9 | 1409.7 | 1342.0 | 1296.3 | 1287.9 | 1291.2 |
| 15° | 1514.6 | 1519.7 | 1531.6 | 1533.2 | 1531.6 | 1519.7 | 1514.6 | 1487.6 | 1350.5 | 1291.2 | 1272.6 |
| 17.5° | 1524.8 | 1526.5 | 1534.9 | 1534.9 | 1534.9 | 1526.5 | 1524.8 | 1512.9 | 1467.2 | 1387.7 | 1282.8 |
| 20° | 1516.3 | 1519.7 | 1536.6 | 1540.0 | 1536.6 | 1519.7 | 1516.3 | 1501.1 | 1475.7 | 1446.9 | 1367.4 |
| 22.5° | 1512.9 | 1519.7 | 1533.2 | 1531.6 | 1533.2 | 1519.7 | 1512.9 | 1489.2 | 1467.2 | 1446.9 | 1414.8 |
| 25° | 1496.0 | 1496.0 | 1497.7 | 1499.4 | 1497.7 | 1496.0 | 1496.0 | 1477.4 | 1433.4 | 1428.3 | 1409.7 |
| 27.5° | 1460.5 | 1463.9 | 1474.0 | 1472.3 | 1474.0 | 1463.9 | 1460.5 | 1453.7 | 1406.3 | 1401.2 | 1387.7 |
| 30° | 1428.3 | 1424.9 | 1416.5 | 1409.7 | 1416.5 | 1424.9 | 1428.3 | 1418.2 | 1370.8 | 1357.2 | 1360.6 |
| 32.5° | 1374.2 | 1365.7 | 1357.2 | 1352.2 | 1357.2 | 1365.7 | 1374.2 | 1370.8 | 1335.2 | 1316.6 | 1320.0 |
| 35° | 1309.9 | 1311.5 | 1309.9 | 1304.8 | 1309.9 | 1311.5 | 1309.9 | 1313.2 | 1291.2 | 1274.3 | 1272.6 |
| 37.5° | 1264.2 | 1267.5 | 1265.9 | 1259.1 | 1265.9 | 1267.5 | 1264.2 | 1260.8 | 1230.3 | 1225.2 | 1228.6 |
| 40° | 1216.8 | 1218.5 | 1216.8 | 1211.7 | 1216.8 | 1218.5 | 1216.8 | 1210.0 | 1167.7 | 1169.4 | 1181.2 |
| 42.5° | 1171.1 | 1169.4 | 1164.3 | 1160.9 | 1164.3 | 1169.4 | 1171.1 | 1160.9 | 1106.8 | 1101.7 | 1123.7 |
| 45° | 1118.6 | 1120.3 | 1110.2 | 1105.1 | 1110.2 | 1120.3 | 1118.6 | 1111.9 | 1056.0 | 1042.5 | 1057.7 |
| 47.5° | 1066.2 | 1066.2 | 1057.7 | 1052.6 | 1057.7 | 1066.2 | 1066.2 | 1057.7 | 998.5 | 984.9 | 993.4 |
| 50° | 1010.3 | 1008.6 | 996.8 | 995.1 | 996.8 | 1008.6 | 1010.3 | 1005.2 | 942.6 | 930.8 | 930.8 |
| 52.5° | 946.0 | 946.0 | 947.7 | 951.1 | 947.7 | 946.0 | 946.0 | 947.7 | 891.9 | 880.0 | 876.6 |
| 55° | 890.2 | 891.9 | 903.7 | 907.1 | 903.7 | 891.9 | 890.2 | 890.2 | 839.4 | 827.5 | 820.8 |
| 57.5° | 832.6 | 832.6 | 841.1 | 841.1 | 841.1 | 832.6 | 832.6 | 829.2 | 780.2 | 770.0 | 766.6 |
| 60° | 766.6 | 770.0 | 776.8 | 775.1 | 776.8 | 770.0 | 766.6 | 763.2 | 720.9 | 714.2 | 702.3 |
| 62.5° | 697.2 | 700.6 | 702.3 | 698.9 | 702.3 | 700.6 | 697.2 | 687.1 | 661.7 | 656.6 | 641.4 |
| 65° | 624.5 | 627.9 | 629.5 | 626.2 | 629.5 | 627.9 | 624.5 | 619.4 | 600.8 | 592.3 | 578.8 |
| 67.5° | 550.0 | 548.3 | 546.6 | 553.4 | 546.6 | 548.3 | 550.0 | 543.2 | 531.4 | 524.6 | 506.0 |
| 70° | 473.8 | 473.8 | 472.2 | 475.5 | 472.2 | 473.8 | 473.8 | 468.8 | 462.0 | 456.9 | 440.0 |
| 72.5° | 392.6 | 390.9 | 397.7 | 392.6 | 397.7 | 390.9 | 392.6 | 390.9 | 387.5 | 382.5 | 365.5 |
| 75° | 313.1 | 316.5 | 313.1 | 318.2 | 313.1 | 316.5 | 313.1 | 314.8 | 313.1 | 309.7 | 297.8 |
| 77.5° | 238.6 | 242.0 | 238.6 | 238.6 | 238.6 | 242.0 | 238.6 | 240.3 | 240.3 | 240.3 | 230.2 |
| 80° | 169.2 | 167.5 | 167.5 | 165.8 | 167.5 | 167.5 | 169.2 | 169.2 | 170.9 | 167.5 | 164.2 |
| 82.5° | 108.3 | 106.6 | 106.6 | 110.0 | 106.6 | 106.6 | 108.3 | 110.0 | 106.6 | 106.6 | 106.6 |
| 85° | 59.2 | 60.9 | 57.5 | 57.5 | 57.5 | 60.9 | 59.2 | 55.8 | 59.2 | 59.2 | 57.5 |
| 87.5° | 22.0 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 22.0 | 23.7 | 23.7 | 23.7 | 25.4 |
| 90° | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 10.4 | 13.9 | 15.7 | 13.5 |
| 92.5° | 39.2 | 37.6 | 31.4 | 25.1 | 31.4 | 37.6 | 39.2 | 55.5 | 77.3 | 88.2 | 77.4 |
| 95° | 132.9 | 128.2 | 109.3 | 90.5 | 109.3 | 128.2 | 132.9 | 174.5 | 230.0 | 257.8 | 217.7 |
| 97.5° | 306.9 | 297.9 | 262.0 | 226.1 | 262.0 | 297.9 | 306.9 | 333.2 | 368.3 | 385.8 | 319.0 |
| 100° | 431.0 | 420.3 | 377.5 | 334.7 | 377.5 | 420.3 | 431.0 | 429.1 | 426.5 | 425.2 | 351.0 |
| 102.5° | 536.9 | 527.7 | 491.1 | 454.5 | 491.1 | 527.7 | 536.9 | 503.4 | 458.7 | 436.3 | 361.1 |
| 105° | 660.6 | 655.7 | 636.0 | 616.3 | 636.0 | 655.7 | 660.6 | 585.4 | 485.2 | 435.1 | 362.3 |
| 107.5° | 724.9 | 726.1 | 730.8 | 735.6 | 730.8 | 726.1 | 724.9 | 620.1 | 480.3 | 410.4 | 346.2 |
| 110° | 741.4 | 746.5 | 767.0 | 787.5 | 767.0 | 746.5 | 741.4 | 624.2 | 467.9 | 389.8 | 331.9 |



TEST NUMBER: P934514

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 112.5° | 730.9 | 738.8 | 770.3 | 801.8 | 770.3 | 738.8 | 730.9 | 610.9 | 451.0 | 371.0 | 319.4 |
| 115° | 695.2 | 706.1 | 749.8 | 793.5 | 749.8 | 706.1 | 695.2 | 579.6 | 425.5 | 348.5 | 305.0 |
| 117.5° | 645.9 | 658.0 | 706.5 | 755.0 | 706.5 | 658.0 | 645.9 | 541.6 | 402.6 | 333.1 | 296.1 |
| 120° | 612.8 | 624.6 | 671.6 | 718.7 | 671.6 | 624.6 | 612.8 | 517.5 | 390.4 | 326.9 | 293.1 |
| 122.5° | 579.6 | 591.2 | 637.7 | 684.1 | 637.7 | 591.2 | 579.6 | 493.8 | 379.3 | 322.1 | 291.5 |
| 125° | 535.7 | 546.4 | 589.1 | 631.9 | 589.1 | 546.4 | 535.7 | 462.8 | 365.6 | 317.0 | 290.2 |
| 127.5° | 500.4 | 509.4 | 545.5 | 581.6 | 545.5 | 509.4 | 500.4 | 437.8 | 354.4 | 312.7 | 289.5 |
| 130° | 478.2 | 486.5 | 519.9 | 553.2 | 519.9 | 486.5 | 478.2 | 422.5 | 348.2 | 311.0 | 289.9 |
| 132.5° | 459.2 | 466.7 | 496.5 | 526.4 | 496.5 | 466.7 | 459.2 | 409.3 | 342.8 | 309.6 | 290.2 |
| 135° | 432.4 | 438.8 | 464.6 | 490.3 | 464.6 | 438.8 | 432.4 | 390.6 | 334.9 | 307.1 | 289.9 |
| 137.5° | 412.6 | 417.9 | 438.9 | 460.0 | 438.9 | 417.9 | 412.6 | 377.3 | 330.2 | 306.7 | 291.7 |
| 140° | 396.8 | 401.7 | 421.4 | 441.1 | 421.4 | 401.7 | 396.8 | 366.3 | 325.6 | 305.2 | 292.0 |
| 142.5° | 385.6 | 389.8 | 406.8 | 423.8 | 406.8 | 389.8 | 385.6 | 358.8 | 323.1 | 305.2 | 293.0 |
| 145° | 368.9 | 372.1 | 385.0 | 397.8 | 385.0 | 372.1 | 368.9 | 347.0 | 317.8 | 303.2 | 293.1 |
| 147.5° | 354.9 | 357.6 | 368.2 | 378.8 | 368.2 | 357.6 | 354.9 | 337.7 | 314.7 | 303.2 | 295.1 |
| 150° | 346.9 | 349.1 | 357.7 | 366.3 | 357.7 | 349.1 | 346.9 | 332.3 | 312.9 | 303.2 | 296.1 |
| 152.5° | 340.5 | 342.1 | 348.6 | 355.1 | 348.6 | 342.1 | 340.5 | 328.1 | 311.5 | 303.2 | 296.8 |
| 155° | 332.9 | 334.0 | 338.3 | 342.6 | 338.3 | 334.0 | 332.9 | 323.0 | 309.8 | 303.2 | 298.3 |
| 157.5° | 326.3 | 327.1 | 330.1 | 333.1 | 330.1 | 327.1 | 326.3 | 318.6 | 308.3 | 303.2 | 299.8 |
| 160° | 323.0 | 323.4 | 325.2 | 326.9 | 325.2 | 323.4 | 323.0 | 316.4 | 307.6 | 303.2 | 300.5 |
| 162.5° | 319.9 | 320.3 | 322.0 | 323.6 | 322.0 | 320.3 | 319.9 | 314.3 | 306.9 | 303.2 | 301.3 |
| 165° | 315.1 | 315.5 | 317.3 | 319.1 | 317.3 | 315.5 | 315.1 | 311.1 | 305.8 | 303.2 | 302.3 |
| 167.5° | 313.1 | 313.3 | 314.0 | 314.7 | 314.0 | 313.3 | 313.1 | 310.5 | 307.0 | 305.2 | 304.5 |
| 170° | 313.1 | 313.1 | 313.1 | 313.1 | 313.1 | 313.1 | 313.1 | 310.5 | 307.0 | 305.2 | 305.2 |
| 172.5° | 311.4 | 311.2 | 310.6 | 310.0 | 310.6 | 311.2 | 311.4 | 309.3 | 306.6 | 305.2 | 305.2 |
| 175° | 309.2 | 309.2 | 309.2 | 309.2 | 309.2 | 309.2 | 309.2 | 307.9 | 306.1 | 305.2 | 305.6 |
| 177.5° | 308.8 | 308.6 | 307.9 | 307.1 | 307.9 | 308.6 | 308.8 | 307.8 | 306.4 | 305.7 | 306.0 |
| 180° | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 |



TEST NUMBER: P934514

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1788.8 | 1788.8 | 1788.8 | 1788.8 | 1788.8 |
| 2.5° | 1766.8 | 1775.2 | 1780.3 | 1787.1 | 1804.0 |
| 5° | 1699.1 | 1731.2 | 1741.4 | 1766.8 | 1797.2 |
| 7.5° | 1550.2 | 1648.3 | 1675.4 | 1736.3 | 1783.7 |
| 10° | 1406.3 | 1504.5 | 1551.9 | 1695.7 | 1766.8 |
| 12.5° | 1333.5 | 1391.1 | 1423.2 | 1624.6 | 1743.1 |
| 15° | 1287.9 | 1328.5 | 1352.2 | 1529.9 | 1716.0 |
| 17.5° | 1252.3 | 1281.1 | 1298.0 | 1436.8 | 1678.8 |
| 20° | 1230.3 | 1243.9 | 1259.1 | 1369.1 | 1636.5 |
| 22.5° | 1215.1 | 1206.6 | 1218.5 | 1321.7 | 1578.9 |
| 25° | 1204.9 | 1172.8 | 1186.3 | 1284.5 | 1511.2 |
| 27.5° | 1213.4 | 1142.3 | 1147.4 | 1250.6 | 1440.2 |
| 30° | 1215.1 | 1105.1 | 1106.8 | 1215.1 | 1360.6 |
| 32.5° | 1203.2 | 1066.2 | 1067.9 | 1171.1 | 1270.9 |
| 35° | 1174.5 | 1020.5 | 1018.8 | 1120.3 | 1149.1 |
| 37.5° | 1135.5 | 971.4 | 971.4 | 1064.5 | 1015.4 |
| 40° | 1088.2 | 922.3 | 927.4 | 991.7 | 896.9 |
| 42.5° | 1030.6 | 869.9 | 876.6 | 895.2 | 808.9 |
| 45° | 968.0 | 819.1 | 824.2 | 756.5 | 741.2 |
| 47.5° | 898.6 | 766.6 | 768.3 | 627.9 | 719.2 |
| 50° | 815.7 | 712.5 | 705.7 | 538.2 | 717.5 |
| 52.5° | 742.9 | 653.2 | 632.9 | 487.4 | 651.5 |
| 55° | 671.9 | 590.6 | 546.6 | 448.5 | 604.2 |
| 57.5° | 609.2 | 509.4 | 467.1 | 402.8 | 594.0 |
| 60° | 551.7 | 429.8 | 397.7 | 353.7 | 544.9 |
| 62.5° | 504.3 | 370.6 | 363.8 | 319.8 | 494.2 |
| 65° | 453.5 | 330.0 | 328.3 | 291.1 | 419.7 |
| 67.5° | 404.5 | 302.9 | 301.2 | 264.0 | 319.8 |
| 70° | 352.0 | 274.2 | 270.8 | 235.2 | 236.9 |
| 72.5° | 297.8 | 242.0 | 238.6 | 211.5 | 196.3 |
| 75° | 243.7 | 204.8 | 203.1 | 184.5 | 159.1 |
| 77.5° | 191.2 | 162.5 | 165.8 | 148.9 | 116.8 |
| 80° | 137.1 | 118.5 | 121.8 | 106.6 | 88.0 |
| 82.5° | 91.4 | 77.8 | 81.2 | 67.7 | 59.2 |
| 85° | 50.8 | 44.0 | 45.7 | 35.5 | 27.1 |
| 87.5° | 23.7 | 20.3 | 20.3 | 13.5 | 8.5 |
| 90° | 9.1 | 5.8 | 5.4 | 3.7 | 2.1 |
| 92.5° | 55.9 | 39.8 | 36.3 | 22.2 | 8.2 |
| 95° | 137.6 | 77.5 | 71.1 | 45.4 | 19.8 |
| 97.5° | 185.3 | 85.1 | 79.4 | 56.8 | 34.2 |
| 100° | 202.7 | 91.5 | 86.4 | 65.8 | 45.3 |
| 102.5° | 210.7 | 97.9 | 93.1 | 74.0 | 54.8 |
| 105° | 216.6 | 107.4 | 103.3 | 87.1 | 70.9 |
| 107.5° | 217.7 | 121.4 | 117.6 | 102.5 | 87.4 |
| 110° | 216.1 | 129.2 | 125.8 | 112.1 | 98.5 |



TEST NUMBER: P934514

CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 216.1 | 138.7 | 135.4 | 122.4 | 109.4 |
| 115° | 218.1 | 152.9 | 149.9 | 137.9 | 125.9 |
| 117.5° | 222.2 | 166.7 | 164.0 | 153.1 | 142.2 |
| 120° | 225.5 | 174.8 | 172.2 | 162.0 | 151.7 |
| 122.5° | 230.2 | 184.3 | 181.7 | 171.4 | 161.0 |
| 125° | 236.6 | 196.4 | 194.0 | 184.6 | 175.2 |
| 127.5° | 243.0 | 208.2 | 205.8 | 196.3 | 186.7 |
| 130° | 247.7 | 216.0 | 213.4 | 203.2 | 192.9 |
| 132.5° | 251.5 | 222.4 | 219.8 | 209.6 | 199.3 |
| 135° | 255.6 | 229.8 | 227.5 | 218.1 | 208.8 |
| 137.5° | 261.8 | 239.3 | 237.0 | 227.7 | 218.5 |
| 140° | 265.5 | 245.7 | 243.6 | 235.0 | 226.5 |
| 142.5° | 268.7 | 250.4 | 248.4 | 240.6 | 232.7 |
| 145° | 272.8 | 257.6 | 255.9 | 249.0 | 242.2 |
| 147.5° | 278.9 | 266.7 | 265.0 | 258.4 | 251.7 |
| 150° | 282.0 | 271.4 | 269.9 | 263.8 | 257.8 |
| 152.5° | 284.1 | 274.5 | 273.4 | 268.8 | 264.2 |
| 155° | 288.6 | 281.3 | 280.5 | 277.1 | 273.7 |
| 157.5° | 293.1 | 288.1 | 287.3 | 284.0 | 280.7 |
| 160° | 295.2 | 291.2 | 290.6 | 288.0 | 285.5 |
| 162.5° | 297.4 | 294.5 | 294.0 | 292.1 | 290.2 |
| 165° | 300.6 | 299.3 | 298.9 | 297.1 | 295.4 |
| 167.5° | 303.0 | 301.9 | 301.7 | 300.9 | 300.1 |
| 170° | 305.1 | 305.0 | 304.8 | 304.0 | 303.2 |
| 172.5° | 305.2 | 305.2 | 305.2 | 305.0 | 304.8 |
| 175° | 306.5 | 307.1 | 307.1 | 307.1 | 307.1 |
| 177.5° | 306.6 | 307.1 | 307.1 | 307.1 | 307.1 |
| 180° | 307.1 | 307.1 | 307.1 | 307.1 | 307.1 |



TEST NUMBER: P934514
 CATALOG NUMBER: SQ4-FA-050U-125D-835-1D-UNV-STD-W-4

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 | 16.22 | 17.30 | 16.99 | 18.08 | 19.04 | 19.02 | 20.09 | 19.78 | 20.88 | 21.83 |
| | 3H | 16.71 | 17.68 | 17.49 | 18.48 | 19.46 | 20.37 | 21.34 | 21.15 | 22.13 | 23.12 |
| | 4H | 16.92 | 17.83 | 17.71 | 18.63 | 19.63 | 20.82 | 21.73 | 21.61 | 22.53 | 23.53 |
| | 6H | 17.05 | 17.89 | 17.85 | 18.70 | 19.71 | 21.11 | 21.95 | 21.91 | 22.76 | 23.77 |
| | 8H | 17.05 | 17.85 | 17.87 | 18.69 | 19.70 | 21.18 | 21.98 | 22.00 | 22.82 | 23.83 |
| | 12H | 17.03 | 17.79 | 17.86 | 18.62 | 19.66 | 21.22 | 21.99 | 22.05 | 22.81 | 23.85 |
| 4H | 2H | 17.27 | 18.18 | 18.07 | 18.99 | 19.98 | 19.46 | 20.37 | 20.26 | 21.17 | 22.17 |
| | 3H | 18.32 | 19.08 | 19.13 | 19.92 | 20.93 | 20.97 | 21.73 | 21.78 | 22.57 | 23.58 |
| | 4H | 18.60 | 19.29 | 19.43 | 20.13 | 21.17 | 21.50 | 22.19 | 22.33 | 23.03 | 24.07 |
| | 6H | 18.74 | 19.34 | 19.58 | 20.20 | 21.25 | 21.87 | 22.47 | 22.71 | 23.33 | 24.38 |
| | 8H | 18.75 | 19.31 | 19.60 | 20.17 | 21.22 | 21.98 | 22.54 | 22.82 | 23.39 | 24.45 |
| | 12H | 18.73 | 19.23 | 19.60 | 20.11 | 21.17 | 22.04 | 22.54 | 22.91 | 23.42 | 24.48 |
| 8H | 4H | 19.07 | 19.63 | 19.92 | 20.48 | 21.54 | 21.64 | 22.20 | 22.49 | 23.06 | 24.12 |
| | 6H | 19.34 | 19.80 | 20.21 | 20.70 | 21.76 | 22.08 | 22.54 | 22.96 | 23.44 | 24.50 |
| | 8H | 19.38 | 19.79 | 20.27 | 20.69 | 21.76 | 22.23 | 22.64 | 23.12 | 23.53 | 24.61 |
| | 12H | 19.38 | 19.74 | 20.27 | 20.62 | 21.75 | 22.33 | 22.69 | 23.22 | 23.58 | 24.71 |
| 12H | 4H | 19.08 | 19.59 | 19.95 | 20.46 | 21.53 | 21.62 | 22.12 | 22.49 | 23.00 | 24.06 |
| | 6H | 19.40 | 19.81 | 20.29 | 20.71 | 21.78 | 22.08 | 22.49 | 22.97 | 23.38 | 24.46 |
| | 8H | 19.48 | 19.84 | 20.36 | 20.72 | 21.85 | 22.25 | 22.61 | 23.13 | 23.49 | 24.62 |