

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: P935314

Luminaire Tested: SQ4-FA-100U-125D-835-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935314
REPORT IS A COMBINATION OF REPORTS P933750 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-835-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

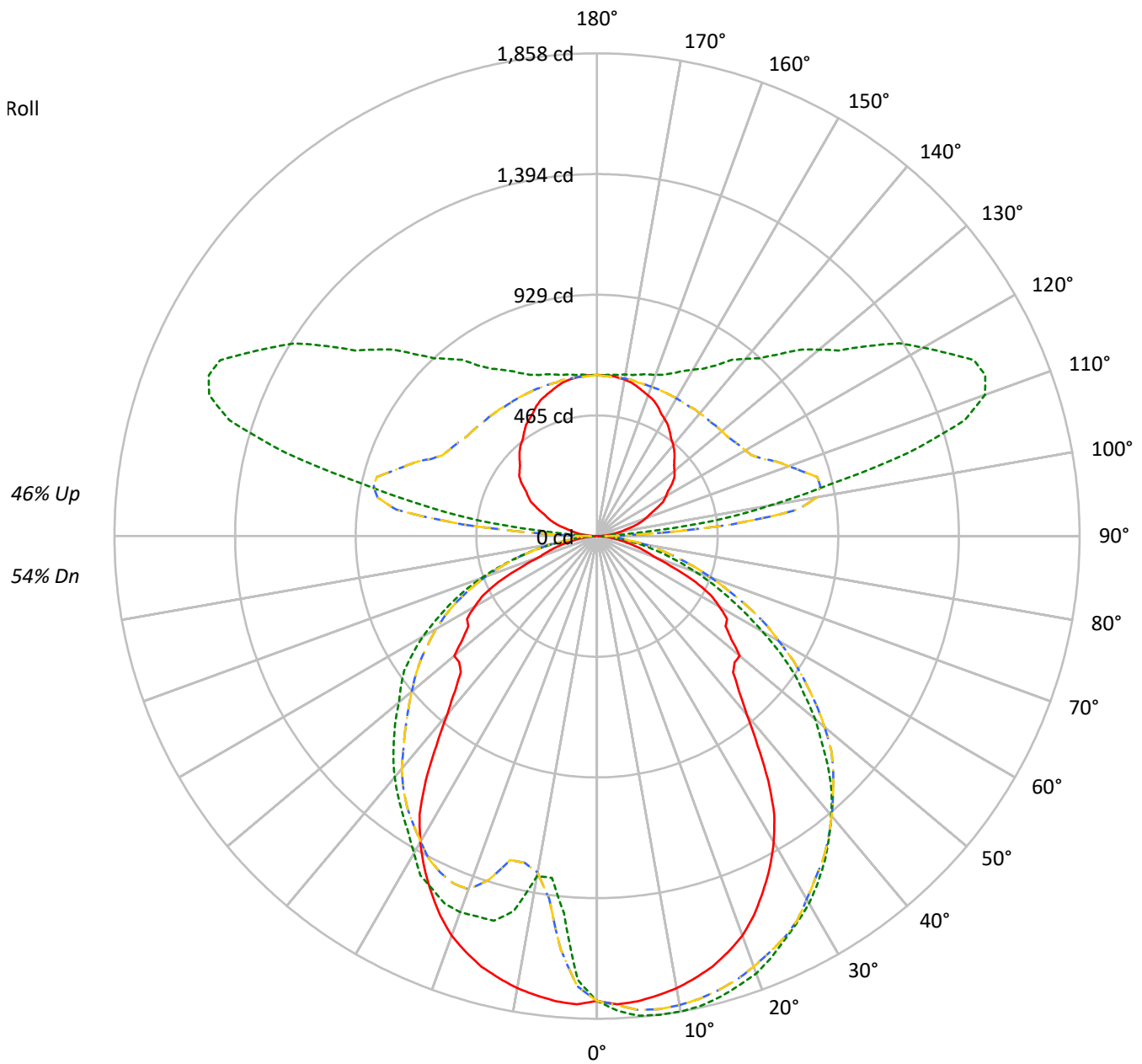
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8658.0 lumens
Efficiency: N/A
Efficacy: 125.8 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: General Diffuse

Input Watts (W): 68.8
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: P935314
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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 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 72 | 72 | 72 | 59 | 59 | 59 | 54 | | | | 54 |
| 1 | 99 | 94 | 90 | 87 | 91 | 88 | 84 | 81 | 75 | 73 | 70 | 63 | 62 | 60 | 53 | 51 | 50 | 45 | | | | 45 |
| 2 | 90 | 82 | 76 | 71 | 83 | 77 | 71 | 67 | 66 | 62 | 58 | 56 | 53 | 50 | 46 | 44 | 42 | 38 | | | | 38 |
| 3 | 82 | 72 | 65 | 59 | 76 | 67 | 61 | 56 | 58 | 53 | 49 | 49 | 46 | 42 | 41 | 38 | 36 | 32 | | | | 32 |
| 4 | 75 | 64 | 56 | 50 | 69 | 60 | 53 | 47 | 51 | 46 | 42 | 44 | 40 | 36 | 37 | 34 | 31 | 28 | | | | 28 |
| 5 | 69 | 57 | 49 | 43 | 64 | 53 | 46 | 41 | 46 | 40 | 36 | 39 | 35 | 31 | 33 | 30 | 27 | 24 | | | | 24 |
| 6 | 63 | 51 | 43 | 37 | 59 | 48 | 41 | 35 | 41 | 36 | 31 | 35 | 31 | 28 | 30 | 26 | 24 | 21 | | | | 21 |
| 7 | 59 | 46 | 38 | 33 | 54 | 43 | 36 | 31 | 38 | 32 | 28 | 32 | 28 | 24 | 27 | 24 | 21 | 19 | | | | 19 |
| 8 | 54 | 42 | 34 | 29 | 50 | 39 | 32 | 27 | 34 | 29 | 24 | 29 | 25 | 22 | 25 | 22 | 19 | 17 | | | | 17 |
| 9 | 51 | 38 | 31 | 26 | 47 | 36 | 29 | 24 | 31 | 26 | 22 | 27 | 23 | 19 | 23 | 20 | 17 | 15 | | | | 15 |
| 10 | 47 | 35 | 28 | 23 | 44 | 33 | 26 | 22 | 29 | 23 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 | | | | 13 |

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 | 1.9 |
| 10°-20° | 458.5 | 5.3 |
| 20°-30° | 708.7 | 8.2 |
| 30°-40° | 846.0 | 9.8 |
| 40°-50° | 851.0 | 9.8 |
| 50°-60° | 740.5 | 8.6 |
| 60°-70° | 525.0 | 6.1 |
| 70°-80° | 277.8 | 3.2 |
| 80°-90° | 71.5 | 0.8 |
| 90°-100° | 302.1 | 3.5 |
| 100°-110° | 794.2 | 9.2 |
| 110°-120° | 823.5 | 9.5 |
| 120°-130° | 660.6 | 7.6 |
| 130°-140° | 518.3 | 6.0 |
| 140°-150° | 397.8 | 4.6 |
| 150°-160° | 286.5 | 3.3 |
| 160°-170° | 175.3 | 2.0 |
| 170°-180° | 59.2 | 0.7 |
| 0°-30° | 1328.6 | 15.3 |
| 0°-40° | 2174.6 | 25.1 |
| 0°-60° | 3766.1 | 43.5 |
| 0°-90° | 4640.4 | 53.6 |
| 90°-120° | 1919.9 | 22.2 |
| 90°-150° | 3496.6 | 40.4 |
| 90°-180° | 4018.0 | 46.4 |
| 0°-180° | 8658.0 | 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° | 4 | 16 | 4 | 16 | 4 | 5 |
| 95° | 40 | 183 | 40 | 183 | 40 | 44 |
| 105° | 143 | 1244 | 143 | 1244 | 143 | 152 |
| 115° | 254 | 1601 | 254 | 1601 | 254 | 251 |
| 125° | 354 | 1275 | 354 | 1275 | 354 | 314 |
| 135° | 421 | 990 | 421 | 990 | 421 | 326 |
| 145° | 489 | 803 | 489 | 803 | 489 | 306 |
| 155° | 552 | 691 | 552 | 691 | 552 | 254 |
| 165° | 596 | 644 | 596 | 644 | 596 | 168 |
| 175° | 620 | 624 | 620 | 624 | 620 | 59 |
| 180° | 620 | 620 | 620 | 620 | 620 | |



TEST NUMBER: P935314

CATALOG NUMBER: SQ4-FA-100U-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° | 4.2 | 7.5 | 10.8 | 11.6 | 18.3 | 27.2 | 31.6 | 28.1 | 21.1 | 15.8 | 15.8 |
| 92.5° | 16.6 | 44.9 | 73.2 | 80.3 | 112.9 | 156.3 | 178.0 | 156.0 | 112.0 | 79.0 | 75.9 |
| 95° | 39.9 | 91.7 | 143.5 | 156.4 | 277.7 | 439.4 | 520.3 | 464.3 | 352.3 | 268.3 | 258.8 |
| 97.5° | 69.0 | 114.7 | 160.4 | 171.8 | 374.1 | 643.8 | 778.6 | 743.2 | 672.4 | 619.3 | 601.2 |
| 100° | 91.5 | 132.9 | 174.3 | 184.7 | 409.2 | 708.5 | 858.1 | 860.7 | 865.8 | 869.7 | 848.1 |
| 102.5° | 110.6 | 149.3 | 187.9 | 197.6 | 425.3 | 728.8 | 880.6 | 925.7 | 1015.9 | 1083.5 | 1065.0 |
| 105° | 143.1 | 175.8 | 208.5 | 216.7 | 437.2 | 731.1 | 878.1 | 979.2 | 1181.4 | 1333.1 | 1323.2 |
| 107.5° | 176.4 | 206.9 | 237.4 | 245.0 | 439.4 | 698.5 | 828.1 | 969.2 | 1251.3 | 1462.9 | 1465.3 |
| 110° | 198.8 | 226.4 | 253.9 | 260.8 | 436.0 | 669.7 | 786.5 | 944.2 | 1259.6 | 1496.1 | 1506.5 |



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CATALOG NUMBER: SQ4-FA-100U-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° | 220.9 | 247.1 | 273.3 | 279.9 | 436.2 | 644.5 | 748.7 | 910.1 | 1232.8 | 1474.9 | 1490.8 |
| 115° | 254.1 | 278.3 | 302.5 | 308.6 | 440.2 | 615.7 | 703.4 | 858.9 | 1169.8 | 1403.0 | 1425.0 |
| 117.5° | 287.0 | 309.0 | 331.0 | 336.5 | 448.4 | 597.6 | 672.2 | 812.5 | 1093.1 | 1303.6 | 1328.0 |
| 120° | 306.1 | 326.8 | 347.5 | 352.7 | 455.0 | 591.5 | 659.7 | 787.9 | 1044.3 | 1236.6 | 1260.4 |
| 122.5° | 324.9 | 345.8 | 366.7 | 371.9 | 464.6 | 588.3 | 650.1 | 765.5 | 996.4 | 1169.6 | 1193.0 |
| 125° | 353.6 | 372.6 | 391.6 | 396.4 | 477.5 | 585.6 | 639.7 | 737.8 | 933.9 | 1081.0 | 1102.6 |
| 127.5° | 376.8 | 396.0 | 415.3 | 420.1 | 490.4 | 584.1 | 631.0 | 715.2 | 883.6 | 1009.9 | 1028.1 |
| 130° | 389.3 | 410.0 | 430.7 | 435.9 | 499.8 | 585.1 | 627.7 | 702.7 | 852.6 | 965.0 | 981.8 |
| 132.5° | 402.2 | 422.9 | 443.6 | 448.8 | 507.4 | 585.6 | 624.7 | 691.8 | 826.0 | 926.7 | 941.8 |
| 135° | 421.4 | 440.2 | 459.1 | 463.8 | 515.8 | 585.1 | 619.8 | 676.0 | 788.3 | 872.6 | 885.6 |
| 137.5° | 440.9 | 459.6 | 478.2 | 482.9 | 528.2 | 588.7 | 618.9 | 666.4 | 761.4 | 832.7 | 843.3 |
| 140° | 457.1 | 474.3 | 491.5 | 495.8 | 535.9 | 589.3 | 616.0 | 657.0 | 739.1 | 800.7 | 810.6 |
| 142.5° | 469.6 | 485.5 | 501.4 | 505.4 | 542.3 | 591.4 | 616.0 | 652.0 | 724.1 | 778.2 | 786.8 |
| 145° | 488.7 | 502.6 | 516.4 | 519.9 | 550.6 | 591.5 | 611.9 | 641.4 | 700.3 | 744.5 | 751.0 |
| 147.5° | 507.9 | 521.4 | 534.8 | 538.2 | 562.8 | 595.5 | 611.9 | 635.1 | 681.5 | 716.3 | 721.7 |
| 150° | 520.3 | 532.5 | 544.7 | 547.8 | 569.2 | 597.7 | 611.9 | 631.5 | 670.6 | 700.0 | 704.3 |
| 152.5° | 533.2 | 542.4 | 551.7 | 554.0 | 573.3 | 599.0 | 611.9 | 628.6 | 662.0 | 687.1 | 690.4 |
| 155° | 552.4 | 559.2 | 566.1 | 567.8 | 582.5 | 602.1 | 611.9 | 625.2 | 651.8 | 671.7 | 673.9 |
| 157.5° | 566.5 | 573.2 | 579.8 | 581.5 | 591.6 | 605.1 | 611.9 | 622.2 | 642.9 | 658.4 | 659.9 |
| 160° | 576.1 | 581.3 | 586.4 | 587.7 | 595.8 | 606.5 | 611.9 | 620.8 | 638.5 | 651.8 | 652.7 |
| 162.5° | 585.6 | 589.5 | 593.4 | 594.4 | 600.2 | 608.0 | 611.9 | 619.4 | 634.3 | 645.5 | 646.3 |
| 165° | 596.0 | 599.5 | 603.0 | 603.9 | 606.6 | 610.1 | 611.9 | 617.3 | 628.0 | 636.0 | 636.9 |
| 167.5° | 605.6 | 607.3 | 609.0 | 609.4 | 611.6 | 614.5 | 616.0 | 619.5 | 626.5 | 631.8 | 632.2 |
| 170° | 611.9 | 613.5 | 615.2 | 615.6 | 615.7 | 615.9 | 616.0 | 619.5 | 626.5 | 631.8 | 631.8 |
| 172.5° | 615.2 | 615.6 | 615.9 | 616.0 | 616.0 | 616.0 | 616.0 | 618.8 | 624.3 | 628.5 | 628.2 |
| 175° | 619.8 | 619.8 | 619.8 | 619.8 | 618.5 | 616.8 | 616.0 | 617.8 | 621.3 | 623.9 | 623.9 |
| 177.5° | 619.8 | 619.8 | 619.8 | 619.8 | 618.8 | 617.5 | 616.8 | 618.2 | 621.0 | 623.1 | 622.7 |
| 180° | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 |



TEST NUMBER: P935314

CATALOG NUMBER: SQ4-FA-100U-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° | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 21.1 | 28.1 | 31.6 | 27.2 | 18.3 | 11.6 |
| 92.5° | 63.3 | 50.7 | 63.3 | 75.9 | 79.0 | 112.0 | 156.0 | 178.0 | 156.3 | 112.9 | 80.3 |
| 95° | 220.7 | 182.6 | 220.7 | 258.8 | 268.3 | 352.3 | 464.3 | 520.3 | 439.4 | 277.7 | 156.4 |
| 97.5° | 528.7 | 456.3 | 528.7 | 601.2 | 619.3 | 672.4 | 743.2 | 778.6 | 643.8 | 374.1 | 171.8 |
| 100° | 761.8 | 675.5 | 761.8 | 848.1 | 869.7 | 865.8 | 860.7 | 858.1 | 708.5 | 409.2 | 184.7 |
| 102.5° | 991.1 | 917.2 | 991.1 | 1065.0 | 1083.5 | 1015.9 | 925.7 | 880.6 | 728.8 | 425.3 | 197.6 |
| 105° | 1283.4 | 1243.7 | 1283.4 | 1323.2 | 1333.1 | 1181.4 | 979.2 | 878.1 | 731.1 | 437.2 | 216.7 |
| 107.5° | 1474.9 | 1484.5 | 1474.9 | 1465.3 | 1462.9 | 1251.3 | 969.2 | 828.1 | 698.5 | 439.4 | 245.0 |
| 110° | 1547.9 | 1589.3 | 1547.9 | 1506.5 | 1496.1 | 1259.6 | 944.2 | 786.5 | 669.7 | 436.0 | 260.8 |



TEST NUMBER: P935314

CATALOG NUMBER: SQ4-FA-100U-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° | 1554.4 | 1618.0 | 1554.4 | 1490.8 | 1474.9 | 1232.8 | 910.1 | 748.7 | 644.5 | 436.2 | 279.9 |
| 115° | 1513.2 | 1601.4 | 1513.2 | 1425.0 | 1403.0 | 1169.8 | 858.9 | 703.4 | 615.7 | 440.2 | 308.6 |
| 117.5° | 1425.8 | 1523.6 | 1425.8 | 1328.0 | 1303.6 | 1093.1 | 812.5 | 672.2 | 597.6 | 448.4 | 336.5 |
| 120° | 1355.4 | 1450.4 | 1355.4 | 1260.4 | 1236.6 | 1044.3 | 787.9 | 659.7 | 591.5 | 455.0 | 352.7 |
| 122.5° | 1286.8 | 1380.5 | 1286.8 | 1193.0 | 1169.6 | 996.4 | 765.5 | 650.1 | 588.3 | 464.6 | 371.9 |
| 125° | 1188.9 | 1275.3 | 1188.9 | 1102.6 | 1081.0 | 933.9 | 737.8 | 639.7 | 585.6 | 477.5 | 396.4 |
| 127.5° | 1101.0 | 1173.8 | 1101.0 | 1028.1 | 1009.9 | 883.6 | 715.2 | 631.0 | 584.1 | 490.4 | 420.1 |
| 130° | 1049.1 | 1116.4 | 1049.1 | 981.8 | 965.0 | 852.6 | 702.7 | 627.7 | 585.1 | 499.8 | 435.9 |
| 132.5° | 1002.0 | 1062.3 | 1002.0 | 941.8 | 926.7 | 826.0 | 691.8 | 624.7 | 585.6 | 507.4 | 448.8 |
| 135° | 937.5 | 989.5 | 937.5 | 885.6 | 872.6 | 788.3 | 676.0 | 619.8 | 585.1 | 515.8 | 463.8 |
| 137.5° | 885.9 | 928.4 | 885.9 | 843.3 | 832.7 | 761.4 | 666.4 | 618.9 | 588.7 | 528.2 | 482.9 |
| 140° | 850.4 | 890.1 | 850.4 | 810.6 | 800.7 | 739.1 | 657.0 | 616.0 | 589.3 | 535.9 | 495.8 |
| 142.5° | 821.0 | 855.2 | 821.0 | 786.8 | 778.2 | 724.1 | 652.0 | 616.0 | 591.4 | 542.3 | 505.4 |
| 145° | 776.9 | 802.8 | 776.9 | 751.0 | 744.5 | 700.3 | 641.4 | 611.9 | 591.5 | 550.6 | 519.9 |
| 147.5° | 743.1 | 764.5 | 743.1 | 721.7 | 716.3 | 681.5 | 635.1 | 611.9 | 595.5 | 562.8 | 538.2 |
| 150° | 721.7 | 739.1 | 721.7 | 704.3 | 700.0 | 670.6 | 631.5 | 611.9 | 597.7 | 569.2 | 547.8 |
| 152.5° | 703.5 | 716.7 | 703.5 | 690.4 | 687.1 | 662.0 | 628.6 | 611.9 | 599.0 | 573.3 | 554.0 |
| 155° | 682.6 | 691.3 | 682.6 | 673.9 | 671.7 | 651.8 | 625.2 | 611.9 | 602.1 | 582.5 | 567.8 |
| 157.5° | 666.1 | 672.2 | 666.1 | 659.9 | 658.4 | 642.9 | 622.2 | 611.9 | 605.1 | 591.6 | 581.5 |
| 160° | 656.2 | 659.7 | 656.2 | 652.7 | 651.8 | 638.5 | 620.8 | 611.9 | 606.5 | 595.8 | 587.7 |
| 162.5° | 649.7 | 653.0 | 649.7 | 646.3 | 645.5 | 634.3 | 619.4 | 611.9 | 608.0 | 600.2 | 594.4 |
| 165° | 640.4 | 643.9 | 640.4 | 636.9 | 636.0 | 628.0 | 617.3 | 611.9 | 610.1 | 606.6 | 603.9 |
| 167.5° | 633.6 | 635.1 | 633.6 | 632.2 | 631.8 | 626.5 | 619.5 | 616.0 | 614.5 | 611.6 | 609.4 |
| 170° | 631.8 | 631.8 | 631.8 | 631.8 | 631.8 | 626.5 | 619.5 | 616.0 | 615.9 | 615.7 | 615.6 |
| 172.5° | 626.9 | 625.6 | 626.9 | 628.2 | 628.5 | 624.3 | 618.8 | 616.0 | 616.0 | 616.0 | 616.0 |
| 175° | 623.9 | 623.9 | 623.9 | 623.9 | 623.9 | 621.3 | 617.8 | 616.0 | 616.8 | 618.5 | 619.8 |
| 177.5° | 621.3 | 619.8 | 621.3 | 622.7 | 623.1 | 621.0 | 618.2 | 616.8 | 617.5 | 618.8 | 619.8 |
| 180° | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 |



TEST NUMBER: P935314

CATALOG NUMBER: SQ4-FA-100U-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° | 10.8 | 7.5 | 4.2 | 7.5 | 10.8 | 11.6 | 18.3 | 27.2 | 31.6 | 28.1 | 21.1 |
| 92.5° | 73.2 | 44.9 | 16.6 | 44.9 | 73.2 | 80.3 | 112.9 | 156.3 | 178.0 | 156.0 | 112.0 |
| 95° | 143.5 | 91.7 | 39.9 | 91.7 | 143.5 | 156.4 | 277.7 | 439.4 | 520.3 | 464.3 | 352.3 |
| 97.5° | 160.4 | 114.7 | 69.0 | 114.7 | 160.4 | 171.8 | 374.1 | 643.8 | 778.6 | 743.2 | 672.4 |
| 100° | 174.3 | 132.9 | 91.5 | 132.9 | 174.3 | 184.7 | 409.2 | 708.5 | 858.1 | 860.7 | 865.8 |
| 102.5° | 187.9 | 149.3 | 110.6 | 149.3 | 187.9 | 197.6 | 425.3 | 728.8 | 880.6 | 925.7 | 1015.9 |
| 105° | 208.5 | 175.8 | 143.1 | 175.8 | 208.5 | 216.7 | 437.2 | 731.1 | 878.1 | 979.2 | 1181.4 |
| 107.5° | 237.4 | 206.9 | 176.4 | 206.9 | 237.4 | 245.0 | 439.4 | 698.5 | 828.1 | 969.2 | 1251.3 |
| 110° | 253.9 | 226.4 | 198.8 | 226.4 | 253.9 | 260.8 | 436.0 | 669.7 | 786.5 | 944.2 | 1259.6 |



TEST NUMBER: P935314

CATALOG NUMBER: SQ4-FA-100U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| 112.5° | 273.3 | 247.1 | 220.9 | 247.1 | 273.3 | 279.9 | 436.2 | 644.5 | 748.7 | 910.1 | 1232.8 |
| 115° | 302.5 | 278.3 | 254.1 | 278.3 | 302.5 | 308.6 | 440.2 | 615.7 | 703.4 | 858.9 | 1169.8 |
| 117.5° | 331.0 | 309.0 | 287.0 | 309.0 | 331.0 | 336.5 | 448.4 | 597.6 | 672.2 | 812.5 | 1093.1 |
| 120° | 347.5 | 326.8 | 306.1 | 326.8 | 347.5 | 352.7 | 455.0 | 591.5 | 659.7 | 787.9 | 1044.3 |
| 122.5° | 366.7 | 345.8 | 324.9 | 345.8 | 366.7 | 371.9 | 464.6 | 588.3 | 650.1 | 765.5 | 996.4 |
| 125° | 391.6 | 372.6 | 353.6 | 372.6 | 391.6 | 396.4 | 477.5 | 585.6 | 639.7 | 737.8 | 933.9 |
| 127.5° | 415.3 | 396.0 | 376.8 | 396.0 | 415.3 | 420.1 | 490.4 | 584.1 | 631.0 | 715.2 | 883.6 |
| 130° | 430.7 | 410.0 | 389.3 | 410.0 | 430.7 | 435.9 | 499.8 | 585.1 | 627.7 | 702.7 | 852.6 |
| 132.5° | 443.6 | 422.9 | 402.2 | 422.9 | 443.6 | 448.8 | 507.4 | 585.6 | 624.7 | 691.8 | 826.0 |
| 135° | 459.1 | 440.2 | 421.4 | 440.2 | 459.1 | 463.8 | 515.8 | 585.1 | 619.8 | 676.0 | 788.3 |
| 137.5° | 478.2 | 459.6 | 440.9 | 459.6 | 478.2 | 482.9 | 528.2 | 588.7 | 618.9 | 666.4 | 761.4 |
| 140° | 491.5 | 474.3 | 457.1 | 474.3 | 491.5 | 495.8 | 535.9 | 589.3 | 616.0 | 657.0 | 739.1 |
| 142.5° | 501.4 | 485.5 | 469.6 | 485.5 | 501.4 | 505.4 | 542.3 | 591.4 | 616.0 | 652.0 | 724.1 |
| 145° | 516.4 | 502.6 | 488.7 | 502.6 | 516.4 | 519.9 | 550.6 | 591.5 | 611.9 | 641.4 | 700.3 |
| 147.5° | 534.8 | 521.4 | 507.9 | 521.4 | 534.8 | 538.2 | 562.8 | 595.5 | 611.9 | 635.1 | 681.5 |
| 150° | 544.7 | 532.5 | 520.3 | 532.5 | 544.7 | 547.8 | 569.2 | 597.7 | 611.9 | 631.5 | 670.6 |
| 152.5° | 551.7 | 542.4 | 533.2 | 542.4 | 551.7 | 554.0 | 573.3 | 599.0 | 611.9 | 628.6 | 662.0 |
| 155° | 566.1 | 559.2 | 552.4 | 559.2 | 566.1 | 567.8 | 582.5 | 602.1 | 611.9 | 625.2 | 651.8 |
| 157.5° | 579.8 | 573.2 | 566.5 | 573.2 | 579.8 | 581.5 | 591.6 | 605.1 | 611.9 | 622.2 | 642.9 |
| 160° | 586.4 | 581.3 | 576.1 | 581.3 | 586.4 | 587.7 | 595.8 | 606.5 | 611.9 | 620.8 | 638.5 |
| 162.5° | 593.4 | 589.5 | 585.6 | 589.5 | 593.4 | 594.4 | 600.2 | 608.0 | 611.9 | 619.4 | 634.3 |
| 165° | 603.0 | 599.5 | 596.0 | 599.5 | 603.0 | 603.9 | 606.6 | 610.1 | 611.9 | 617.3 | 628.0 |
| 167.5° | 609.0 | 607.3 | 605.6 | 607.3 | 609.0 | 609.4 | 611.6 | 614.5 | 616.0 | 619.5 | 626.5 |
| 170° | 615.2 | 613.5 | 611.9 | 613.5 | 615.2 | 615.6 | 615.7 | 615.9 | 616.0 | 619.5 | 626.5 |
| 172.5° | 615.9 | 615.6 | 615.2 | 615.6 | 615.9 | 616.0 | 616.0 | 616.0 | 616.0 | 618.8 | 624.3 |
| 175° | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 618.5 | 616.8 | 616.0 | 617.8 | 621.3 |
| 177.5° | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 618.8 | 617.5 | 616.8 | 618.2 | 621.0 |
| 180° | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 |



TEST NUMBER: P935314
 CATALOG NUMBER: SQ4-FA-100U-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° | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 21.1 | 28.1 | 31.6 | 27.2 |
| 92.5° | 79.0 | 75.9 | 63.3 | 50.7 | 63.3 | 75.9 | 79.0 | 112.0 | 156.0 | 178.0 | 156.3 |
| 95° | 268.3 | 258.8 | 220.7 | 182.6 | 220.7 | 258.8 | 268.3 | 352.3 | 464.3 | 520.3 | 439.4 |
| 97.5° | 619.3 | 601.2 | 528.7 | 456.3 | 528.7 | 601.2 | 619.3 | 672.4 | 743.2 | 778.6 | 643.8 |
| 100° | 869.7 | 848.1 | 761.8 | 675.5 | 761.8 | 848.1 | 869.7 | 865.8 | 860.7 | 858.1 | 708.5 |
| 102.5° | 1083.5 | 1065.0 | 991.1 | 917.2 | 991.1 | 1065.0 | 1083.5 | 1015.9 | 925.7 | 880.6 | 728.8 |
| 105° | 1333.1 | 1323.2 | 1283.4 | 1243.7 | 1283.4 | 1323.2 | 1333.1 | 1181.4 | 979.2 | 878.1 | 731.1 |
| 107.5° | 1462.9 | 1465.3 | 1474.9 | 1484.5 | 1474.9 | 1465.3 | 1462.9 | 1251.3 | 969.2 | 828.1 | 698.5 |
| 110° | 1496.1 | 1506.5 | 1547.9 | 1589.3 | 1547.9 | 1506.5 | 1496.1 | 1259.6 | 944.2 | 786.5 | 669.7 |



TEST NUMBER: P935314

CATALOG NUMBER: SQ4-FA-100U-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° | 1474.9 | 1490.8 | 1554.4 | 1618.0 | 1554.4 | 1490.8 | 1474.9 | 1232.8 | 910.1 | 748.7 | 644.5 |
| 115° | 1403.0 | 1425.0 | 1513.2 | 1601.4 | 1513.2 | 1425.0 | 1403.0 | 1169.8 | 858.9 | 703.4 | 615.7 |
| 117.5° | 1303.6 | 1328.0 | 1425.8 | 1523.6 | 1425.8 | 1328.0 | 1303.6 | 1093.1 | 812.5 | 672.2 | 597.6 |
| 120° | 1236.6 | 1260.4 | 1355.4 | 1450.4 | 1355.4 | 1260.4 | 1236.6 | 1044.3 | 787.9 | 659.7 | 591.5 |
| 122.5° | 1169.6 | 1193.0 | 1286.8 | 1380.5 | 1286.8 | 1193.0 | 1169.6 | 996.4 | 765.5 | 650.1 | 588.3 |
| 125° | 1081.0 | 1102.6 | 1188.9 | 1275.3 | 1188.9 | 1102.6 | 1081.0 | 933.9 | 737.8 | 639.7 | 585.6 |
| 127.5° | 1009.9 | 1028.1 | 1101.0 | 1173.8 | 1101.0 | 1028.1 | 1009.9 | 883.6 | 715.2 | 631.0 | 584.1 |
| 130° | 965.0 | 981.8 | 1049.1 | 1116.4 | 1049.1 | 981.8 | 965.0 | 852.6 | 702.7 | 627.7 | 585.1 |
| 132.5° | 926.7 | 941.8 | 1002.0 | 1062.3 | 1002.0 | 941.8 | 926.7 | 826.0 | 691.8 | 624.7 | 585.6 |
| 135° | 872.6 | 885.6 | 937.5 | 989.5 | 937.5 | 885.6 | 872.6 | 788.3 | 676.0 | 619.8 | 585.1 |
| 137.5° | 832.7 | 843.3 | 885.9 | 928.4 | 885.9 | 843.3 | 832.7 | 761.4 | 666.4 | 618.9 | 588.7 |
| 140° | 800.7 | 810.6 | 850.4 | 890.1 | 850.4 | 810.6 | 800.7 | 739.1 | 657.0 | 616.0 | 589.3 |
| 142.5° | 778.2 | 786.8 | 821.0 | 855.2 | 821.0 | 786.8 | 778.2 | 724.1 | 652.0 | 616.0 | 591.4 |
| 145° | 744.5 | 751.0 | 776.9 | 802.8 | 776.9 | 751.0 | 744.5 | 700.3 | 641.4 | 611.9 | 591.5 |
| 147.5° | 716.3 | 721.7 | 743.1 | 764.5 | 743.1 | 721.7 | 716.3 | 681.5 | 635.1 | 611.9 | 595.5 |
| 150° | 700.0 | 704.3 | 721.7 | 739.1 | 721.7 | 704.3 | 700.0 | 670.6 | 631.5 | 611.9 | 597.7 |
| 152.5° | 687.1 | 690.4 | 703.5 | 716.7 | 703.5 | 690.4 | 687.1 | 662.0 | 628.6 | 611.9 | 599.0 |
| 155° | 671.7 | 673.9 | 682.6 | 691.3 | 682.6 | 673.9 | 671.7 | 651.8 | 625.2 | 611.9 | 602.1 |
| 157.5° | 658.4 | 659.9 | 666.1 | 672.2 | 666.1 | 659.9 | 658.4 | 642.9 | 622.2 | 611.9 | 605.1 |
| 160° | 651.8 | 652.7 | 656.2 | 659.7 | 656.2 | 652.7 | 651.8 | 638.5 | 620.8 | 611.9 | 606.5 |
| 162.5° | 645.5 | 646.3 | 649.7 | 653.0 | 649.7 | 646.3 | 645.5 | 634.3 | 619.4 | 611.9 | 608.0 |
| 165° | 636.0 | 636.9 | 640.4 | 643.9 | 640.4 | 636.9 | 636.0 | 628.0 | 617.3 | 611.9 | 610.1 |
| 167.5° | 631.8 | 632.2 | 633.6 | 635.1 | 633.6 | 632.2 | 631.8 | 626.5 | 619.5 | 616.0 | 614.5 |
| 170° | 631.8 | 631.8 | 631.8 | 631.8 | 631.8 | 631.8 | 631.8 | 626.5 | 619.5 | 616.0 | 615.9 |
| 172.5° | 628.5 | 628.2 | 626.9 | 625.6 | 626.9 | 628.2 | 628.5 | 624.3 | 618.8 | 616.0 | 616.0 |
| 175° | 623.9 | 623.9 | 623.9 | 623.9 | 623.9 | 623.9 | 623.9 | 621.3 | 617.8 | 616.0 | 616.8 |
| 177.5° | 623.1 | 622.7 | 621.3 | 619.8 | 621.3 | 622.7 | 623.1 | 621.0 | 618.2 | 616.8 | 617.5 |
| 180° | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 |



TEST NUMBER: P935314

CATALOG NUMBER: SQ4-FA-100U-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° | 18.3 | 11.6 | 10.8 | 7.5 | 4.2 |
| 92.5° | 112.9 | 80.3 | 73.2 | 44.9 | 16.6 |
| 95° | 277.7 | 156.4 | 143.5 | 91.7 | 39.9 |
| 97.5° | 374.1 | 171.8 | 160.4 | 114.7 | 69.0 |
| 100° | 409.2 | 184.7 | 174.3 | 132.9 | 91.5 |
| 102.5° | 425.3 | 197.6 | 187.9 | 149.3 | 110.6 |
| 105° | 437.2 | 216.7 | 208.5 | 175.8 | 143.1 |
| 107.5° | 439.4 | 245.0 | 237.4 | 206.9 | 176.4 |
| 110° | 436.0 | 260.8 | 253.9 | 226.4 | 198.8 |



TEST NUMBER: P935314

CATALOG NUMBER: SQ4-FA-100U-125D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 436.2 | 279.9 | 273.3 | 247.1 | 220.9 |
| 115° | 440.2 | 308.6 | 302.5 | 278.3 | 254.1 |
| 117.5° | 448.4 | 336.5 | 331.0 | 309.0 | 287.0 |
| 120° | 455.0 | 352.7 | 347.5 | 326.8 | 306.1 |
| 122.5° | 464.6 | 371.9 | 366.7 | 345.8 | 324.9 |
| 125° | 477.5 | 396.4 | 391.6 | 372.6 | 353.6 |
| 127.5° | 490.4 | 420.1 | 415.3 | 396.0 | 376.8 |
| 130° | 499.8 | 435.9 | 430.7 | 410.0 | 389.3 |
| 132.5° | 507.4 | 448.8 | 443.6 | 422.9 | 402.2 |
| 135° | 515.8 | 463.8 | 459.1 | 440.2 | 421.4 |
| 137.5° | 528.2 | 482.9 | 478.2 | 459.6 | 440.9 |
| 140° | 535.9 | 495.8 | 491.5 | 474.3 | 457.1 |
| 142.5° | 542.3 | 505.4 | 501.4 | 485.5 | 469.6 |
| 145° | 550.6 | 519.9 | 516.4 | 502.6 | 488.7 |
| 147.5° | 562.8 | 538.2 | 534.8 | 521.4 | 507.9 |
| 150° | 569.2 | 547.8 | 544.7 | 532.5 | 520.3 |
| 152.5° | 573.3 | 554.0 | 551.7 | 542.4 | 533.2 |
| 155° | 582.5 | 567.8 | 566.1 | 559.2 | 552.4 |
| 157.5° | 591.6 | 581.5 | 579.8 | 573.2 | 566.5 |
| 160° | 595.8 | 587.7 | 586.4 | 581.3 | 576.1 |
| 162.5° | 600.2 | 594.4 | 593.4 | 589.5 | 585.6 |
| 165° | 606.6 | 603.9 | 603.0 | 599.5 | 596.0 |
| 167.5° | 611.6 | 609.4 | 609.0 | 607.3 | 605.6 |
| 170° | 615.7 | 615.6 | 615.2 | 613.5 | 611.9 |
| 172.5° | 616.0 | 616.0 | 615.9 | 615.6 | 615.2 |
| 175° | 618.5 | 619.8 | 619.8 | 619.8 | 619.8 |
| 177.5° | 618.8 | 619.8 | 619.8 | 619.8 | 619.8 |
| 180° | 619.8 | 619.8 | 619.8 | 619.8 | 619.8 |



TEST NUMBER: P935314
 CATALOG NUMBER: SQ4-FA-100U-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 | 14.88 | 15.78 | 15.81 | 16.72 | 17.94 | 17.68 | 18.57 | 18.60 | 19.52 | 20.74 |
| | 3H | 15.36 | 16.16 | 16.30 | 17.11 | 18.36 | 19.02 | 19.82 | 19.95 | 20.77 | 22.01 |
| | 4H | 15.55 | 16.31 | 16.51 | 17.27 | 18.52 | 19.46 | 20.21 | 20.41 | 21.17 | 22.42 |
| | 6H | 15.67 | 16.37 | 16.64 | 17.34 | 18.60 | 19.73 | 20.43 | 20.70 | 21.40 | 22.66 |
| | 8H | 15.68 | 16.34 | 16.65 | 17.32 | 18.58 | 19.81 | 20.47 | 20.78 | 21.45 | 22.71 |
| | 12H | 15.65 | 16.28 | 16.62 | 17.26 | 18.54 | 19.84 | 20.47 | 20.82 | 21.45 | 22.74 |
| 4H | 2H | 15.91 | 16.67 | 16.87 | 17.63 | 18.88 | 18.09 | 18.85 | 19.05 | 19.81 | 21.06 |
| | 3H | 16.94 | 17.57 | 17.91 | 18.56 | 19.82 | 19.59 | 20.22 | 20.56 | 21.21 | 22.48 |
| | 4H | 17.22 | 17.79 | 18.19 | 18.78 | 20.07 | 20.12 | 20.69 | 21.09 | 21.67 | 22.96 |
| | 6H | 17.34 | 17.84 | 18.33 | 18.85 | 20.13 | 20.47 | 20.97 | 21.46 | 21.98 | 23.26 |
| | 8H | 17.35 | 17.82 | 18.34 | 18.81 | 20.12 | 20.58 | 21.04 | 21.57 | 22.04 | 23.34 |
| | 12H | 17.32 | 17.74 | 18.33 | 18.75 | 20.06 | 20.63 | 21.05 | 21.64 | 22.06 | 23.37 |
| 8H | 4H | 17.67 | 18.13 | 18.66 | 19.13 | 20.43 | 20.24 | 20.71 | 21.23 | 21.71 | 23.01 |
| | 6H | 17.93 | 18.32 | 18.95 | 19.35 | 20.66 | 20.67 | 21.06 | 21.69 | 22.10 | 23.40 |
| | 8H | 17.97 | 18.31 | 19.00 | 19.34 | 20.66 | 20.82 | 21.16 | 21.84 | 22.19 | 23.51 |
| | 12H | 17.96 | 18.26 | 18.99 | 19.28 | 20.64 | 20.91 | 21.21 | 21.94 | 22.23 | 23.60 |
| 12H | 4H | 17.67 | 18.09 | 18.68 | 19.11 | 20.42 | 20.21 | 20.63 | 21.22 | 21.64 | 22.95 |
| | 6H | 17.99 | 18.33 | 19.01 | 19.36 | 20.68 | 20.67 | 21.01 | 21.69 | 22.04 | 23.36 |
| | 8H | 18.06 | 18.36 | 19.09 | 19.38 | 20.74 | 20.83 | 21.13 | 21.86 | 22.15 | 23.51 |