

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: P934475

Luminaire Tested: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934475
REPORT IS A COMBINATION OF REPORTS P933699 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

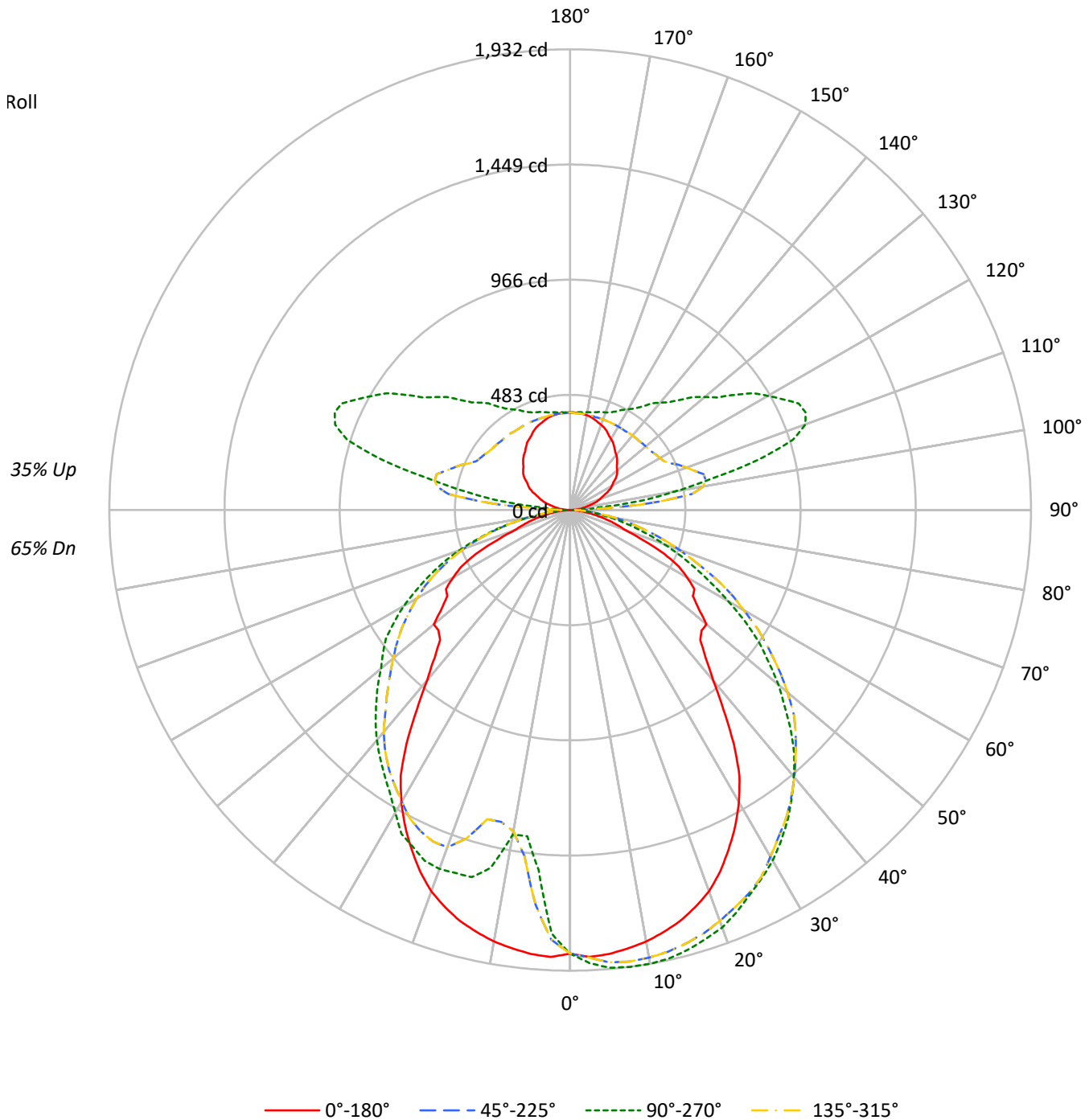
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7476.1 lumens
Efficiency: N/A
Efficacy: 110.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 67.8
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: P934475
CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

Luminous Intensity Polar Plot





TEST NUMBER: P934475

CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 91 | 91 | 91 | 80 | 80 | 80 | 69 | 69 | 69 | 69 | 69 | 69 | 65 |
| 1 | 101 | 97 | 93 | 89 | 95 | 91 | 88 | 84 | 80 | 78 | 75 | 71 | 69 | 67 | 62 | 60 | 59 | 59 | 59 | 59 | 55 |
| 2 | 92 | 85 | 78 | 73 | 86 | 80 | 74 | 69 | 70 | 66 | 63 | 62 | 59 | 56 | 54 | 52 | 50 | 50 | 50 | 50 | 46 |
| 3 | 84 | 74 | 67 | 61 | 79 | 70 | 63 | 58 | 62 | 57 | 53 | 55 | 51 | 47 | 48 | 45 | 42 | 42 | 42 | 42 | 39 |
| 4 | 77 | 66 | 58 | 52 | 72 | 62 | 55 | 49 | 55 | 49 | 45 | 49 | 44 | 41 | 43 | 39 | 36 | 36 | 36 | 36 | 33 |
| 5 | 71 | 59 | 50 | 44 | 66 | 56 | 48 | 42 | 49 | 43 | 39 | 44 | 39 | 35 | 39 | 35 | 32 | 32 | 32 | 32 | 29 |
| 6 | 65 | 53 | 44 | 38 | 61 | 50 | 42 | 37 | 45 | 38 | 34 | 40 | 35 | 31 | 35 | 31 | 28 | 28 | 28 | 28 | 25 |
| 7 | 60 | 48 | 39 | 34 | 56 | 45 | 38 | 32 | 40 | 34 | 30 | 36 | 31 | 27 | 32 | 28 | 25 | 25 | 25 | 25 | 22 |
| 8 | 56 | 43 | 35 | 30 | 52 | 41 | 34 | 29 | 37 | 31 | 27 | 33 | 28 | 24 | 29 | 25 | 22 | 22 | 22 | 22 | 20 |
| 9 | 52 | 40 | 32 | 27 | 49 | 38 | 31 | 26 | 34 | 28 | 24 | 30 | 25 | 22 | 27 | 23 | 20 | 20 | 20 | 20 | 18 |
| 10 | 49 | 36 | 29 | 24 | 46 | 35 | 28 | 23 | 31 | 25 | 21 | 28 | 23 | 20 | 25 | 21 | 18 | 18 | 18 | 18 | 16 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 11506 | 11506 | 11506 | 11506 |
| 5° | 11588 | 11615 | 11588 | 9133 |
| 10° | 11507 | 11442 | 11507 | 8180 |
| 15° | 11377 | 11194 | 11377 | 9347 |
| 20° | 11135 | 10900 | 11135 | 9366 |
| 25° | 10643 | 10472 | 10643 | 9168 |
| 30° | 10011 | 10116 | 10011 | 8732 |
| 35° | 8920 | 9666 | 8920 | 8254 |
| 40° | 7428 | 9137 | 7428 | 7892 |
| 45° | 6633 | 8517 | 6633 | 7475 |
| 50° | 7041 | 7778 | 7041 | 7058 |
| 55° | 6619 | 6981 | 6619 | 6816 |
| 60° | 6813 | 5930 | 6813 | 6242 |
| 65° | 6169 | 4901 | 6169 | 5479 |
| 70° | 4260 | 3906 | 4260 | 4592 |
| 75° | 3722 | 2888 | 3722 | 3458 |
| 80° | 2978 | 1909 | 2978 | 2078 |
| 85° | 1675 | 1011 | 1675 | 860 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10172 cd/sqm



TEST NUMBER: P934475

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 167.9 | 2.2 |
| 10°-20° | 476.7 | 6.4 |
| 20°-30° | 736.9 | 9.9 |
| 30°-40° | 879.7 | 11.8 |
| 40°-50° | 884.9 | 11.8 |
| 50°-60° | 769.9 | 10.3 |
| 60°-70° | 545.9 | 7.3 |
| 70°-80° | 288.8 | 3.9 |
| 80°-90° | 73.5 | 1.0 |
| 90°-100° | 199.4 | 2.7 |
| 100°-110° | 524.2 | 7.0 |
| 110°-120° | 543.6 | 7.3 |
| 120°-130° | 436.0 | 5.8 |
| 130°-140° | 342.1 | 4.6 |
| 140°-150° | 262.6 | 3.5 |
| 150°-160° | 189.1 | 2.5 |
| 160°-170° | 115.7 | 1.5 |
| 170°-180° | 39.1 | 0.5 |
| 0°-30° | 1381.5 | 18.5 |
| 0°-40° | 2261.3 | 30.2 |
| 0°-60° | 3916.1 | 52.4 |
| 0°-90° | 4824.3 | 64.5 |
| 90°-120° | 1267.2 | 16.9 |
| 90°-150° | 2307.9 | 30.9 |
| 90°-180° | 2652.0 | 35.5 |
| 0°-180° | 7476.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1860 | 1860 | 1860 | 1860 | 1860 | |
| 5° | 1869 | 1927 | 1869 | 1515 | 1869 | 177 |
| 15° | 1784 | 1909 | 1784 | 1594 | 1784 | 502 |
| 25° | 1571 | 1781 | 1571 | 1559 | 1571 | 722 |
| 35° | 1195 | 1589 | 1195 | 1357 | 1195 | 739 |
| 45° | 771 | 1309 | 771 | 1149 | 771 | 617 |
| 55° | 628 | 966 | 628 | 943 | 628 | 577 |
| 65° | 436 | 582 | 436 | 651 | 436 | 417 |
| 75° | 165 | 276 | 165 | 331 | 165 | 174 |
| 85° | 28 | 70 | 28 | 60 | 28 | 38 |
| 90° | 3 | 10 | 3 | 10 | 3 | 3 |
| 95° | 26 | 120 | 26 | 120 | 26 | 29 |
| 105° | 94 | 821 | 94 | 821 | 94 | 100 |
| 115° | 168 | 1057 | 168 | 1057 | 168 | 166 |
| 125° | 233 | 842 | 233 | 842 | 233 | 207 |
| 135° | 278 | 653 | 278 | 653 | 278 | 215 |
| 145° | 323 | 530 | 323 | 530 | 323 | 202 |
| 155° | 365 | 456 | 365 | 456 | 365 | 168 |
| 165° | 393 | 425 | 393 | 425 | 393 | 111 |
| 175° | 409 | 412 | 409 | 412 | 409 | 39 |
| 180° | 409 | 409 | 409 | 409 | 409 | |



TEST NUMBER: P934475

CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 |
| 2.5° | 1875.9 | 1875.9 | 1886.5 | 1889.9 | 1889.9 | 1884.7 | 1879.4 | 1884.7 | 1900.5 | 1905.8 | 1904.0 |
| 5° | 1868.8 | 1882.9 | 1902.3 | 1905.8 | 1909.3 | 1907.5 | 1904.0 | 1907.5 | 1925.1 | 1928.6 | 1930.4 |
| 7.5° | 1854.8 | 1881.1 | 1905.8 | 1911.1 | 1916.3 | 1911.1 | 1909.3 | 1912.8 | 1930.4 | 1934.0 | 1934.0 |
| 10° | 1837.2 | 1874.1 | 1902.3 | 1905.8 | 1911.1 | 1905.8 | 1905.8 | 1912.8 | 1930.4 | 1934.0 | 1935.7 |
| 12.5° | 1812.5 | 1863.6 | 1889.9 | 1893.5 | 1900.5 | 1898.7 | 1896.9 | 1904.0 | 1921.6 | 1925.1 | 1925.1 |
| 15° | 1784.3 | 1844.2 | 1868.8 | 1872.3 | 1884.7 | 1881.1 | 1881.1 | 1888.2 | 1907.5 | 1912.8 | 1911.1 |
| 17.5° | 1745.6 | 1819.5 | 1847.8 | 1853.0 | 1861.8 | 1860.0 | 1861.8 | 1868.8 | 1886.5 | 1889.9 | 1891.7 |
| 20° | 1701.7 | 1786.1 | 1819.5 | 1824.8 | 1833.6 | 1833.6 | 1833.6 | 1842.4 | 1860.0 | 1867.1 | 1867.1 |
| 22.5° | 1641.8 | 1751.0 | 1786.1 | 1789.7 | 1800.2 | 1800.2 | 1803.7 | 1816.0 | 1831.9 | 1833.6 | 1833.6 |
| 25° | 1571.4 | 1712.2 | 1742.2 | 1752.6 | 1763.2 | 1768.5 | 1773.8 | 1780.9 | 1786.1 | 1784.3 | 1786.1 |
| 27.5° | 1497.5 | 1663.0 | 1701.7 | 1708.7 | 1722.8 | 1728.0 | 1735.1 | 1736.8 | 1738.6 | 1743.9 | 1740.4 |
| 30° | 1414.9 | 1594.3 | 1652.4 | 1659.4 | 1682.3 | 1685.8 | 1678.8 | 1682.3 | 1691.1 | 1694.7 | 1698.1 |
| 32.5° | 1321.5 | 1492.3 | 1601.3 | 1617.2 | 1638.3 | 1627.7 | 1626.0 | 1631.3 | 1645.4 | 1645.4 | 1648.8 |
| 35° | 1194.9 | 1413.1 | 1553.8 | 1567.9 | 1583.7 | 1571.4 | 1578.5 | 1580.2 | 1589.0 | 1594.3 | 1592.5 |
| 37.5° | 1055.8 | 1344.4 | 1504.5 | 1515.1 | 1527.4 | 1511.6 | 1522.1 | 1527.4 | 1534.5 | 1531.0 | 1531.0 |
| 40° | 932.7 | 1237.1 | 1446.5 | 1453.6 | 1464.1 | 1451.8 | 1462.4 | 1465.8 | 1469.4 | 1465.8 | 1464.1 |
| 42.5° | 841.1 | 1119.1 | 1384.9 | 1393.7 | 1386.7 | 1395.5 | 1399.0 | 1406.1 | 1400.7 | 1393.7 | 1393.7 |
| 45° | 770.8 | 1087.5 | 1318.1 | 1328.6 | 1318.1 | 1332.1 | 1337.4 | 1337.4 | 1321.5 | 1318.1 | 1316.3 |
| 47.5° | 747.9 | 1024.1 | 1251.2 | 1251.2 | 1245.9 | 1263.4 | 1272.2 | 1260.0 | 1244.1 | 1238.8 | 1238.8 |
| 50° | 746.1 | 953.8 | 1159.6 | 1152.6 | 1177.2 | 1198.4 | 1189.6 | 1177.2 | 1165.0 | 1145.6 | 1145.6 |
| 52.5° | 677.5 | 867.6 | 1041.7 | 1068.2 | 1106.9 | 1119.1 | 1105.1 | 1092.8 | 1071.6 | 1062.8 | 1055.8 |
| 55° | 628.3 | 777.8 | 934.4 | 987.2 | 1027.7 | 1043.5 | 1017.1 | 1004.8 | 973.2 | 967.8 | 964.4 |
| 57.5° | 617.7 | 647.6 | 835.9 | 902.7 | 952.0 | 950.2 | 934.4 | 911.5 | 885.2 | 879.8 | 878.1 |
| 60° | 566.6 | 468.1 | 730.3 | 809.5 | 860.5 | 855.2 | 841.1 | 820.1 | 795.4 | 791.9 | 788.4 |
| 62.5° | 513.8 | 339.7 | 610.6 | 700.4 | 772.6 | 770.8 | 758.4 | 726.7 | 709.2 | 700.4 | 693.4 |
| 65° | 436.5 | 285.0 | 434.7 | 582.4 | 686.3 | 689.8 | 663.4 | 640.5 | 621.2 | 610.6 | 608.9 |
| 67.5° | 332.6 | 232.3 | 293.8 | 485.6 | 603.6 | 600.1 | 566.6 | 556.1 | 531.5 | 526.1 | 515.6 |
| 70° | 246.3 | 154.9 | 204.2 | 394.2 | 522.7 | 513.8 | 487.4 | 475.2 | 452.3 | 439.9 | 432.9 |
| 72.5° | 204.2 | 124.9 | 149.5 | 306.2 | 439.9 | 429.3 | 406.5 | 392.4 | 373.0 | 362.5 | 355.5 |
| 75° | 165.4 | 132.0 | 114.4 | 227.0 | 357.2 | 350.2 | 329.1 | 315.0 | 299.2 | 285.0 | 286.8 |
| 77.5° | 121.4 | 123.2 | 91.5 | 167.2 | 283.3 | 272.8 | 260.5 | 242.9 | 235.8 | 221.7 | 221.7 |
| 80° | 91.5 | 96.8 | 68.6 | 114.4 | 204.2 | 204.2 | 193.6 | 181.2 | 168.9 | 161.9 | 161.9 |
| 82.5° | 61.6 | 61.6 | 51.1 | 72.1 | 139.1 | 133.7 | 126.7 | 123.2 | 116.2 | 112.6 | 112.6 |
| 85° | 28.1 | 35.2 | 31.7 | 44.0 | 75.7 | 79.2 | 79.2 | 75.7 | 73.9 | 70.4 | 72.1 |
| 87.5° | 8.8 | 15.8 | 19.4 | 24.6 | 38.7 | 40.5 | 42.3 | 42.3 | 42.3 | 44.0 | 44.0 |
| 90° | 2.8 | 5.0 | 7.2 | 7.7 | 12.1 | 17.9 | 20.9 | 18.6 | 13.9 | 10.4 | 10.4 |
| 92.5° | 11.0 | 29.7 | 48.3 | 53.0 | 74.5 | 103.2 | 117.5 | 102.9 | 73.9 | 52.1 | 50.1 |
| 95° | 26.4 | 60.5 | 94.7 | 103.2 | 183.3 | 290.1 | 343.5 | 306.5 | 232.6 | 177.1 | 170.8 |
| 97.5° | 45.6 | 75.7 | 105.8 | 113.4 | 247.0 | 425.0 | 514.0 | 490.6 | 443.8 | 408.7 | 396.8 |
| 100° | 60.4 | 87.7 | 115.1 | 121.9 | 270.0 | 467.6 | 566.4 | 568.1 | 571.5 | 574.1 | 559.9 |
| 102.5° | 73.0 | 98.6 | 124.1 | 130.4 | 280.7 | 481.0 | 581.2 | 610.9 | 670.5 | 715.2 | 703.0 |
| 105° | 94.5 | 116.1 | 137.6 | 143.1 | 288.5 | 482.5 | 579.5 | 646.3 | 779.8 | 879.9 | 873.3 |
| 107.5° | 116.4 | 136.6 | 156.6 | 161.7 | 290.0 | 461.0 | 546.6 | 639.6 | 825.8 | 965.5 | 967.1 |
| 110° | 131.2 | 149.4 | 167.6 | 172.1 | 287.8 | 442.0 | 519.1 | 623.2 | 831.4 | 987.5 | 994.4 |



TEST NUMBER: P934475

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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 145.8 | 163.1 | 180.4 | 184.8 | 287.9 | 425.4 | 494.2 | 600.7 | 813.8 | 973.5 | 984.0 |
| 115° | 167.7 | 183.7 | 199.7 | 203.7 | 290.6 | 406.3 | 464.2 | 566.9 | 772.1 | 926.0 | 940.6 |
| 117.5° | 189.4 | 204.0 | 218.4 | 222.1 | 296.0 | 394.4 | 443.6 | 536.3 | 721.5 | 860.4 | 876.5 |
| 120° | 202.0 | 215.7 | 229.4 | 232.8 | 300.3 | 390.4 | 435.4 | 520.0 | 689.3 | 816.2 | 831.9 |
| 122.5° | 214.5 | 228.2 | 242.0 | 245.4 | 306.6 | 388.2 | 429.1 | 505.3 | 657.7 | 772.0 | 787.5 |
| 125° | 233.4 | 245.9 | 258.5 | 261.6 | 315.2 | 386.5 | 422.2 | 487.0 | 616.4 | 713.5 | 727.7 |
| 127.5° | 248.7 | 261.4 | 274.1 | 277.3 | 323.7 | 385.6 | 416.5 | 472.1 | 583.1 | 666.5 | 678.5 |
| 130° | 257.0 | 270.7 | 284.3 | 287.7 | 329.9 | 386.1 | 414.3 | 463.7 | 562.7 | 637.0 | 648.1 |
| 132.5° | 265.5 | 279.2 | 292.9 | 296.2 | 335.0 | 386.5 | 412.4 | 456.7 | 545.2 | 611.7 | 621.6 |
| 135° | 278.1 | 290.6 | 303.0 | 306.1 | 340.5 | 386.2 | 409.1 | 446.2 | 520.4 | 576.0 | 584.6 |
| 137.5° | 291.0 | 303.3 | 315.6 | 318.7 | 348.6 | 388.5 | 408.5 | 439.8 | 502.5 | 549.6 | 556.6 |
| 140° | 301.7 | 313.1 | 324.4 | 327.2 | 353.7 | 388.9 | 406.6 | 433.7 | 487.9 | 528.4 | 535.0 |
| 142.5° | 309.9 | 320.4 | 330.9 | 333.5 | 357.9 | 390.4 | 406.6 | 430.4 | 477.9 | 513.6 | 519.3 |
| 145° | 322.6 | 331.8 | 340.9 | 343.2 | 363.5 | 390.4 | 403.9 | 423.3 | 462.2 | 491.4 | 495.7 |
| 147.5° | 335.2 | 344.1 | 353.1 | 355.3 | 371.5 | 393.0 | 403.9 | 419.1 | 449.8 | 472.8 | 476.3 |
| 150° | 343.5 | 351.6 | 359.6 | 361.6 | 375.7 | 394.4 | 403.9 | 416.8 | 442.7 | 462.0 | 464.9 |
| 152.5° | 351.9 | 358.0 | 364.2 | 365.7 | 378.4 | 395.3 | 403.9 | 414.9 | 437.0 | 453.5 | 455.6 |
| 155° | 364.6 | 369.1 | 373.6 | 374.7 | 384.4 | 397.4 | 403.9 | 412.7 | 430.2 | 443.4 | 444.8 |
| 157.5° | 373.9 | 378.3 | 382.7 | 383.8 | 390.5 | 399.4 | 403.9 | 410.7 | 424.4 | 434.6 | 435.6 |
| 160° | 380.2 | 383.6 | 387.0 | 387.9 | 393.2 | 400.3 | 403.9 | 409.7 | 421.4 | 430.2 | 430.8 |
| 162.5° | 386.5 | 389.1 | 391.7 | 392.3 | 396.1 | 401.3 | 403.9 | 408.8 | 418.7 | 426.1 | 426.6 |
| 165° | 393.4 | 395.7 | 398.0 | 398.6 | 400.4 | 402.7 | 403.9 | 407.4 | 414.4 | 419.8 | 420.4 |
| 167.5° | 399.7 | 400.8 | 401.9 | 402.2 | 403.7 | 405.6 | 406.6 | 408.9 | 413.5 | 417.0 | 417.3 |
| 170° | 403.9 | 404.9 | 406.1 | 406.3 | 406.4 | 406.5 | 406.6 | 408.9 | 413.5 | 417.0 | 417.0 |
| 172.5° | 406.1 | 406.3 | 406.5 | 406.6 | 406.6 | 406.6 | 406.6 | 408.4 | 412.0 | 414.8 | 414.6 |
| 175° | 409.1 | 409.1 | 409.1 | 409.1 | 408.3 | 407.1 | 406.6 | 407.8 | 410.1 | 411.8 | 411.8 |
| 177.5° | 409.1 | 409.1 | 409.1 | 409.1 | 408.5 | 407.6 | 407.1 | 408.0 | 409.9 | 411.2 | 411.0 |
| 180° | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 |



TEST NUMBER: P934475

CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 |
| 2.5° | 1907.5 | 1902.3 | 1907.5 | 1904.0 | 1905.8 | 1900.5 | 1884.7 | 1879.4 | 1884.7 | 1889.9 | 1889.9 |
| 5° | 1930.4 | 1926.9 | 1930.4 | 1930.4 | 1928.6 | 1925.1 | 1907.5 | 1904.0 | 1907.5 | 1909.3 | 1905.8 |
| 7.5° | 1937.4 | 1932.2 | 1937.4 | 1934.0 | 1934.0 | 1930.4 | 1912.8 | 1909.3 | 1911.1 | 1916.3 | 1911.1 |
| 10° | 1937.4 | 1932.2 | 1937.4 | 1935.7 | 1934.0 | 1930.4 | 1912.8 | 1905.8 | 1905.8 | 1911.1 | 1905.8 |
| 12.5° | 1928.6 | 1925.1 | 1928.6 | 1925.1 | 1925.1 | 1921.6 | 1904.0 | 1896.9 | 1898.7 | 1900.5 | 1893.5 |
| 15° | 1914.6 | 1909.3 | 1914.6 | 1911.1 | 1912.8 | 1907.5 | 1888.2 | 1881.1 | 1881.1 | 1884.7 | 1872.3 |
| 17.5° | 1893.5 | 1886.5 | 1893.5 | 1891.7 | 1889.9 | 1886.5 | 1868.8 | 1861.8 | 1860.0 | 1861.8 | 1853.0 |
| 20° | 1868.8 | 1863.6 | 1868.8 | 1867.1 | 1867.1 | 1860.0 | 1842.4 | 1833.6 | 1833.6 | 1833.6 | 1824.8 |
| 22.5° | 1830.1 | 1824.8 | 1830.1 | 1833.6 | 1833.6 | 1831.9 | 1816.0 | 1803.7 | 1800.2 | 1800.2 | 1789.7 |
| 25° | 1786.1 | 1780.9 | 1786.1 | 1786.1 | 1784.3 | 1786.1 | 1780.9 | 1773.8 | 1768.5 | 1763.2 | 1752.6 |
| 27.5° | 1743.9 | 1740.4 | 1743.9 | 1740.4 | 1743.9 | 1738.6 | 1736.8 | 1735.1 | 1728.0 | 1722.8 | 1708.7 |
| 30° | 1701.7 | 1698.1 | 1701.7 | 1698.1 | 1694.7 | 1691.1 | 1682.3 | 1678.8 | 1685.8 | 1682.3 | 1659.4 |
| 32.5° | 1648.8 | 1645.4 | 1648.8 | 1648.8 | 1645.4 | 1645.4 | 1631.3 | 1626.0 | 1627.7 | 1638.3 | 1617.2 |
| 35° | 1594.3 | 1589.0 | 1594.3 | 1592.5 | 1594.3 | 1589.0 | 1580.2 | 1578.5 | 1571.4 | 1583.7 | 1567.9 |
| 37.5° | 1531.0 | 1525.7 | 1531.0 | 1531.0 | 1531.0 | 1534.5 | 1527.4 | 1522.1 | 1511.6 | 1527.4 | 1515.1 |
| 40° | 1465.8 | 1458.8 | 1465.8 | 1464.1 | 1465.8 | 1469.4 | 1465.8 | 1462.4 | 1451.8 | 1464.1 | 1453.6 |
| 42.5° | 1391.9 | 1390.2 | 1391.9 | 1393.7 | 1393.7 | 1400.7 | 1406.1 | 1399.0 | 1395.5 | 1386.7 | 1393.7 |
| 45° | 1312.7 | 1309.3 | 1312.7 | 1316.3 | 1318.1 | 1321.5 | 1337.4 | 1337.4 | 1332.1 | 1318.1 | 1328.6 |
| 47.5° | 1228.3 | 1219.5 | 1228.3 | 1238.8 | 1238.8 | 1244.1 | 1260.0 | 1272.2 | 1263.4 | 1245.9 | 1251.2 |
| 50° | 1138.5 | 1140.3 | 1138.5 | 1145.6 | 1145.6 | 1165.0 | 1177.2 | 1189.6 | 1198.4 | 1177.2 | 1152.6 |
| 52.5° | 1050.6 | 1048.8 | 1050.6 | 1055.8 | 1062.8 | 1071.6 | 1092.8 | 1105.1 | 1119.1 | 1106.9 | 1068.2 |
| 55° | 962.6 | 966.1 | 962.6 | 964.4 | 967.8 | 973.2 | 1004.8 | 1017.1 | 1043.5 | 1027.7 | 987.2 |
| 57.5° | 874.6 | 869.3 | 874.6 | 878.1 | 879.8 | 885.2 | 911.5 | 934.4 | 950.2 | 952.0 | 902.7 |
| 60° | 772.6 | 765.5 | 772.6 | 788.4 | 791.9 | 795.4 | 820.1 | 841.1 | 855.2 | 860.5 | 809.5 |
| 62.5° | 682.8 | 670.4 | 682.8 | 693.4 | 700.4 | 709.2 | 726.7 | 758.4 | 770.8 | 772.6 | 700.4 |
| 65° | 587.8 | 582.4 | 587.8 | 608.9 | 610.6 | 621.2 | 640.5 | 663.4 | 689.8 | 686.3 | 582.4 |
| 67.5° | 501.5 | 501.5 | 501.5 | 515.6 | 526.1 | 531.5 | 556.1 | 566.6 | 600.1 | 603.6 | 485.6 |
| 70° | 422.3 | 420.6 | 422.3 | 432.9 | 439.9 | 452.3 | 475.2 | 487.4 | 513.8 | 522.7 | 394.2 |
| 72.5° | 346.7 | 344.9 | 346.7 | 355.5 | 362.5 | 373.0 | 392.4 | 406.5 | 429.3 | 439.9 | 306.2 |
| 75° | 279.8 | 276.3 | 279.8 | 286.8 | 285.0 | 299.2 | 315.0 | 329.1 | 350.2 | 357.2 | 227.0 |
| 77.5° | 214.7 | 214.7 | 214.7 | 221.7 | 221.7 | 235.8 | 242.9 | 260.5 | 272.8 | 283.3 | 167.2 |
| 80° | 160.1 | 158.4 | 160.1 | 161.9 | 161.9 | 168.9 | 181.2 | 193.6 | 204.2 | 204.2 | 114.4 |
| 82.5° | 112.6 | 109.1 | 112.6 | 112.6 | 112.6 | 116.2 | 123.2 | 126.7 | 133.7 | 139.1 | 72.1 |
| 85° | 70.4 | 70.4 | 70.4 | 72.1 | 70.4 | 73.9 | 75.7 | 79.2 | 79.2 | 75.7 | 44.0 |
| 87.5° | 45.7 | 44.0 | 45.7 | 44.0 | 44.0 | 42.3 | 42.3 | 42.3 | 40.5 | 38.7 | 24.6 |
| 90° | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 13.9 | 18.6 | 20.9 | 17.9 | 12.1 | 7.7 |
| 92.5° | 41.7 | 33.5 | 41.7 | 50.1 | 52.1 | 73.9 | 102.9 | 117.5 | 103.2 | 74.5 | 53.0 |
| 95° | 145.6 | 120.5 | 145.6 | 170.8 | 177.1 | 232.6 | 306.5 | 343.5 | 290.1 | 183.3 | 103.2 |
| 97.5° | 349.0 | 301.2 | 349.0 | 396.8 | 408.7 | 443.8 | 490.6 | 514.0 | 425.0 | 247.0 | 113.4 |
| 100° | 502.9 | 445.9 | 502.9 | 559.9 | 574.1 | 571.5 | 568.1 | 566.4 | 467.6 | 270.0 | 121.9 |
| 102.5° | 654.2 | 605.3 | 654.2 | 703.0 | 715.2 | 670.5 | 610.9 | 581.2 | 481.0 | 280.7 | 130.4 |
| 105° | 847.2 | 820.9 | 847.2 | 873.3 | 879.9 | 779.8 | 646.3 | 579.5 | 482.5 | 288.5 | 143.1 |
| 107.5° | 973.4 | 979.8 | 973.4 | 967.1 | 965.5 | 825.8 | 639.6 | 546.6 | 461.0 | 290.0 | 161.7 |
| 110° | 1021.6 | 1049.0 | 1021.6 | 994.4 | 987.5 | 831.4 | 623.2 | 519.1 | 442.0 | 287.8 | 172.1 |



TEST NUMBER: P934475

CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 1026.0 | 1067.9 | 1026.0 | 984.0 | 973.5 | 813.8 | 600.7 | 494.2 | 425.4 | 287.9 | 184.8 |
| 115° | 998.7 | 1057.0 | 998.7 | 940.6 | 926.0 | 772.1 | 566.9 | 464.2 | 406.3 | 290.6 | 203.7 |
| 117.5° | 941.1 | 1005.7 | 941.1 | 876.5 | 860.4 | 721.5 | 536.3 | 443.6 | 394.4 | 296.0 | 222.1 |
| 120° | 894.6 | 957.4 | 894.6 | 831.9 | 816.2 | 689.3 | 520.0 | 435.4 | 390.4 | 300.3 | 232.8 |
| 122.5° | 849.4 | 911.2 | 849.4 | 787.5 | 772.0 | 657.7 | 505.3 | 429.1 | 388.2 | 306.6 | 245.4 |
| 125° | 784.7 | 841.7 | 784.7 | 727.7 | 713.5 | 616.4 | 487.0 | 422.2 | 386.5 | 315.2 | 261.6 |
| 127.5° | 726.7 | 774.8 | 726.7 | 678.5 | 666.5 | 583.1 | 472.1 | 416.5 | 385.6 | 323.7 | 277.3 |
| 130° | 692.5 | 736.9 | 692.5 | 648.1 | 637.0 | 562.7 | 463.7 | 414.3 | 386.1 | 329.9 | 287.7 |
| 132.5° | 661.4 | 701.2 | 661.4 | 621.6 | 611.7 | 545.2 | 456.7 | 412.4 | 386.5 | 335.0 | 296.2 |
| 135° | 618.8 | 653.1 | 618.8 | 584.6 | 576.0 | 520.4 | 446.2 | 409.1 | 386.2 | 340.5 | 306.1 |
| 137.5° | 584.7 | 612.8 | 584.7 | 556.6 | 549.6 | 502.5 | 439.8 | 408.5 | 388.5 | 348.6 | 318.7 |
| 140° | 561.2 | 587.5 | 561.2 | 535.0 | 528.4 | 487.9 | 433.7 | 406.6 | 388.9 | 353.7 | 327.2 |
| 142.5° | 541.9 | 564.4 | 541.9 | 519.3 | 513.6 | 477.9 | 430.4 | 406.6 | 390.4 | 357.9 | 333.5 |
| 145° | 512.8 | 529.9 | 512.8 | 495.7 | 491.4 | 462.2 | 423.3 | 403.9 | 390.4 | 363.5 | 343.2 |
| 147.5° | 490.4 | 504.6 | 490.4 | 476.3 | 472.8 | 449.8 | 419.1 | 403.9 | 393.0 | 371.5 | 355.3 |
| 150° | 476.4 | 487.9 | 476.4 | 464.9 | 462.0 | 442.7 | 416.8 | 403.9 | 394.4 | 375.7 | 361.6 |
| 152.5° | 464.3 | 473.0 | 464.3 | 455.6 | 453.5 | 437.0 | 414.9 | 403.9 | 395.3 | 378.4 | 365.7 |
| 155° | 450.6 | 456.3 | 450.6 | 444.8 | 443.4 | 430.2 | 412.7 | 403.9 | 397.4 | 384.4 | 374.7 |
| 157.5° | 439.6 | 443.6 | 439.6 | 435.6 | 434.6 | 424.4 | 410.7 | 403.9 | 399.4 | 390.5 | 383.8 |
| 160° | 433.1 | 435.4 | 433.1 | 430.8 | 430.2 | 421.4 | 409.7 | 403.9 | 400.3 | 393.2 | 387.9 |
| 162.5° | 428.8 | 431.0 | 428.8 | 426.6 | 426.1 | 418.7 | 408.8 | 403.9 | 401.3 | 396.1 | 392.3 |
| 165° | 422.7 | 425.0 | 422.7 | 420.4 | 419.8 | 414.4 | 407.4 | 403.9 | 402.7 | 400.4 | 398.6 |
| 167.5° | 418.2 | 419.2 | 418.2 | 417.3 | 417.0 | 413.5 | 408.9 | 406.6 | 405.6 | 403.7 | 402.2 |
| 170° | 417.0 | 417.0 | 417.0 | 417.0 | 417.0 | 413.5 | 408.9 | 406.6 | 406.5 | 406.4 | 406.3 |
| 172.5° | 413.7 | 412.9 | 413.7 | 414.6 | 414.8 | 412.0 | 408.4 | 406.6 | 406.6 | 406.6 | 406.6 |
| 175° | 411.8 | 411.8 | 411.8 | 411.8 | 411.8 | 410.1 | 407.8 | 406.6 | 407.1 | 408.3 | 409.1 |
| 177.5° | 410.1 | 409.1 | 410.1 | 411.0 | 411.2 | 409.9 | 408.0 | 407.1 | 407.6 | 408.5 | 409.1 |
| 180° | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 |



TEST NUMBER: P934475
 CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 |
| 2.5° | 1886.5 | 1875.9 | 1875.9 | 1858.2 | 1851.2 | 1846.0 | 1837.2 | 1810.7 | 1803.7 | 1796.7 | 1807.3 |
| 5° | 1902.3 | 1882.9 | 1868.8 | 1837.2 | 1810.7 | 1800.2 | 1766.8 | 1703.5 | 1661.2 | 1629.5 | 1611.9 |
| 7.5° | 1905.8 | 1881.1 | 1854.8 | 1805.5 | 1742.2 | 1713.9 | 1611.9 | 1495.7 | 1464.1 | 1435.9 | 1418.3 |
| 10° | 1902.3 | 1874.1 | 1837.2 | 1763.2 | 1613.7 | 1564.4 | 1462.4 | 1386.7 | 1367.3 | 1362.0 | 1367.3 |
| 12.5° | 1889.9 | 1863.6 | 1812.5 | 1689.3 | 1479.9 | 1446.5 | 1386.7 | 1342.7 | 1339.2 | 1348.0 | 1395.5 |
| 15° | 1868.8 | 1844.2 | 1784.3 | 1590.8 | 1406.1 | 1381.4 | 1339.2 | 1323.3 | 1342.7 | 1404.3 | 1546.8 |
| 17.5° | 1847.8 | 1819.5 | 1745.6 | 1494.0 | 1349.7 | 1332.1 | 1302.2 | 1333.9 | 1443.0 | 1525.7 | 1573.2 |
| 20° | 1819.5 | 1786.1 | 1701.7 | 1423.6 | 1309.3 | 1293.4 | 1279.3 | 1421.9 | 1504.5 | 1534.5 | 1560.8 |
| 22.5° | 1786.1 | 1751.0 | 1641.8 | 1374.4 | 1267.0 | 1254.7 | 1263.4 | 1471.1 | 1504.5 | 1525.7 | 1548.6 |
| 25° | 1742.2 | 1712.2 | 1571.4 | 1335.6 | 1233.6 | 1219.5 | 1253.0 | 1465.8 | 1485.2 | 1490.5 | 1536.2 |
| 27.5° | 1701.7 | 1663.0 | 1497.5 | 1300.5 | 1193.1 | 1187.8 | 1261.8 | 1443.0 | 1457.0 | 1462.4 | 1511.6 |
| 30° | 1652.4 | 1594.3 | 1414.9 | 1263.4 | 1150.8 | 1149.1 | 1263.4 | 1414.9 | 1411.3 | 1425.4 | 1474.6 |
| 32.5° | 1601.3 | 1492.3 | 1321.5 | 1217.7 | 1110.4 | 1108.7 | 1251.2 | 1372.6 | 1369.0 | 1388.4 | 1425.4 |
| 35° | 1553.8 | 1413.1 | 1194.9 | 1165.0 | 1059.4 | 1061.1 | 1221.3 | 1323.3 | 1325.1 | 1342.7 | 1365.6 |
| 37.5° | 1504.5 | 1344.4 | 1055.8 | 1106.9 | 1010.1 | 1010.1 | 1180.8 | 1277.6 | 1274.0 | 1279.3 | 1311.0 |
| 40° | 1446.5 | 1237.1 | 932.7 | 1031.2 | 964.4 | 959.0 | 1131.5 | 1228.3 | 1215.9 | 1214.3 | 1258.2 |
| 42.5° | 1384.9 | 1119.1 | 841.1 | 930.9 | 911.5 | 904.5 | 1071.6 | 1168.4 | 1145.6 | 1150.8 | 1207.1 |
| 45° | 1318.1 | 1087.5 | 770.8 | 786.6 | 857.0 | 851.7 | 1006.5 | 1099.8 | 1084.0 | 1098.1 | 1156.2 |
| 47.5° | 1251.2 | 1024.1 | 747.9 | 652.9 | 798.9 | 797.2 | 934.4 | 1032.9 | 1024.1 | 1038.2 | 1099.8 |
| 50° | 1159.6 | 953.8 | 746.1 | 559.6 | 733.8 | 740.9 | 848.2 | 967.8 | 967.8 | 980.2 | 1045.3 |
| 52.5° | 1041.7 | 867.6 | 677.5 | 506.8 | 658.1 | 679.2 | 772.6 | 911.5 | 915.1 | 927.3 | 985.4 |
| 55° | 934.4 | 777.8 | 628.3 | 466.3 | 568.4 | 614.1 | 698.6 | 853.5 | 860.5 | 872.8 | 925.7 |
| 57.5° | 835.9 | 647.6 | 617.7 | 418.8 | 485.6 | 529.7 | 633.5 | 797.2 | 800.7 | 811.3 | 862.2 |
| 60° | 730.3 | 468.1 | 566.6 | 367.8 | 413.5 | 446.9 | 573.6 | 730.3 | 742.6 | 749.6 | 793.6 |
| 62.5° | 610.6 | 339.7 | 513.8 | 332.6 | 378.4 | 385.4 | 524.4 | 667.0 | 682.8 | 688.0 | 714.5 |
| 65° | 434.7 | 285.0 | 436.5 | 302.6 | 341.3 | 343.1 | 471.6 | 601.8 | 615.9 | 624.7 | 644.1 |
| 67.5° | 293.8 | 232.3 | 332.6 | 274.5 | 313.2 | 315.0 | 420.6 | 526.1 | 545.5 | 552.5 | 564.9 |
| 70° | 204.2 | 154.9 | 246.3 | 244.6 | 281.6 | 285.0 | 366.0 | 457.5 | 475.2 | 480.4 | 487.4 |
| 72.5° | 149.5 | 124.9 | 204.2 | 220.0 | 248.1 | 251.7 | 309.7 | 380.1 | 397.7 | 403.0 | 406.5 |
| 75° | 114.4 | 132.0 | 165.4 | 191.8 | 211.2 | 212.9 | 253.4 | 309.7 | 322.0 | 325.5 | 327.3 |
| 77.5° | 91.5 | 123.2 | 121.4 | 154.9 | 172.4 | 168.9 | 198.8 | 239.3 | 249.9 | 249.9 | 249.9 |
| 80° | 68.6 | 96.8 | 91.5 | 110.8 | 126.7 | 123.2 | 142.5 | 170.7 | 174.2 | 177.7 | 176.0 |
| 82.5° | 51.1 | 61.6 | 61.6 | 70.4 | 84.4 | 81.0 | 95.0 | 110.8 | 110.8 | 110.8 | 114.4 |
| 85° | 31.7 | 35.2 | 28.1 | 36.9 | 47.5 | 45.7 | 52.8 | 59.9 | 61.6 | 61.6 | 58.1 |
| 87.5° | 19.4 | 15.8 | 8.8 | 14.1 | 21.1 | 21.1 | 24.6 | 26.4 | 24.6 | 24.6 | 24.6 |
| 90° | 7.2 | 5.0 | 2.8 | 5.0 | 7.2 | 7.7 | 12.1 | 17.9 | 20.9 | 18.6 | 13.9 |
| 92.5° | 48.3 | 29.7 | 11.0 | 29.7 | 48.3 | 53.0 | 74.5 | 103.2 | 117.5 | 102.9 | 73.9 |
| 95° | 94.7 | 60.5 | 26.4 | 60.5 | 94.7 | 103.2 | 183.3 | 290.1 | 343.5 | 306.5 | 232.6 |
| 97.5° | 105.8 | 75.7 | 45.6 | 75.7 | 105.8 | 113.4 | 247.0 | 425.0 | 514.0 | 490.6 | 443.8 |
| 100° | 115.1 | 87.7 | 60.4 | 87.7 | 115.1 | 121.9 | 270.0 | 467.6 | 566.4 | 568.1 | 571.5 |
| 102.5° | 124.1 | 98.6 | 73.0 | 98.6 | 124.1 | 130.4 | 280.7 | 481.0 | 581.2 | 610.9 | 670.5 |
| 105° | 137.6 | 116.1 | 94.5 | 116.1 | 137.6 | 143.1 | 288.5 | 482.5 | 579.5 | 646.3 | 779.8 |
| 107.5° | 156.6 | 136.6 | 116.4 | 136.6 | 156.6 | 161.7 | 290.0 | 461.0 | 546.6 | 639.6 | 825.8 |
| 110° | 167.6 | 149.4 | 131.2 | 149.4 | 167.6 | 172.1 | 287.8 | 442.0 | 519.1 | 623.2 | 831.4 |



TEST NUMBER: P934475

CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 180.4 | 163.1 | 145.8 | 163.1 | 180.4 | 184.8 | 287.9 | 425.4 | 494.2 | 600.7 | 813.8 |
| 115° | 199.7 | 183.7 | 167.7 | 183.7 | 199.7 | 203.7 | 290.6 | 406.3 | 464.2 | 566.9 | 772.1 |
| 117.5° | 218.4 | 204.0 | 189.4 | 204.0 | 218.4 | 222.1 | 296.0 | 394.4 | 443.6 | 536.3 | 721.5 |
| 120° | 229.4 | 215.7 | 202.0 | 215.7 | 229.4 | 232.8 | 300.3 | 390.4 | 435.4 | 520.0 | 689.3 |
| 122.5° | 242.0 | 228.2 | 214.5 | 228.2 | 242.0 | 245.4 | 306.6 | 388.2 | 429.1 | 505.3 | 657.7 |
| 125° | 258.5 | 245.9 | 233.4 | 245.9 | 258.5 | 261.6 | 315.2 | 386.5 | 422.2 | 487.0 | 616.4 |
| 127.5° | 274.1 | 261.4 | 248.7 | 261.4 | 274.1 | 277.3 | 323.7 | 385.6 | 416.5 | 472.1 | 583.1 |
| 130° | 284.3 | 270.7 | 257.0 | 270.7 | 284.3 | 287.7 | 329.9 | 386.1 | 414.3 | 463.7 | 562.7 |
| 132.5° | 292.9 | 279.2 | 265.5 | 279.2 | 292.9 | 296.2 | 335.0 | 386.5 | 412.4 | 456.7 | 545.2 |
| 135° | 303.0 | 290.6 | 278.1 | 290.6 | 303.0 | 306.1 | 340.5 | 386.2 | 409.1 | 446.2 | 520.4 |
| 137.5° | 315.6 | 303.3 | 291.0 | 303.3 | 315.6 | 318.7 | 348.6 | 388.5 | 408.5 | 439.8 | 502.5 |
| 140° | 324.4 | 313.1 | 301.7 | 313.1 | 324.4 | 327.2 | 353.7 | 388.9 | 406.6 | 433.7 | 487.9 |
| 142.5° | 330.9 | 320.4 | 309.9 | 320.4 | 330.9 | 333.5 | 357.9 | 390.4 | 406.6 | 430.4 | 477.9 |
| 145° | 340.9 | 331.8 | 322.6 | 331.8 | 340.9 | 343.2 | 363.5 | 390.4 | 403.9 | 423.3 | 462.2 |
| 147.5° | 353.1 | 344.1 | 335.2 | 344.1 | 353.1 | 355.3 | 371.5 | 393.0 | 403.9 | 419.1 | 449.8 |
| 150° | 359.6 | 351.6 | 343.5 | 351.6 | 359.6 | 361.6 | 375.7 | 394.4 | 403.9 | 416.8 | 442.7 |
| 152.5° | 364.2 | 358.0 | 351.9 | 358.0 | 364.2 | 365.7 | 378.4 | 395.3 | 403.9 | 414.9 | 437.0 |
| 155° | 373.6 | 369.1 | 364.6 | 369.1 | 373.6 | 374.7 | 384.4 | 397.4 | 403.9 | 412.7 | 430.2 |
| 157.5° | 382.7 | 378.3 | 373.9 | 378.3 | 382.7 | 383.8 | 390.5 | 399.4 | 403.9 | 410.7 | 424.4 |
| 160° | 387.0 | 383.6 | 380.2 | 383.6 | 387.0 | 387.9 | 393.2 | 400.3 | 403.9 | 409.7 | 421.4 |
| 162.5° | 391.7 | 389.1 | 386.5 | 389.1 | 391.7 | 392.3 | 396.1 | 401.3 | 403.9 | 408.8 | 418.7 |
| 165° | 398.0 | 395.7 | 393.4 | 395.7 | 398.0 | 398.6 | 400.4 | 402.7 | 403.9 | 407.4 | 414.4 |
| 167.5° | 401.9 | 400.8 | 399.7 | 400.8 | 401.9 | 402.2 | 403.7 | 405.6 | 406.6 | 408.9 | 413.5 |
| 170° | 406.1 | 404.9 | 403.9 | 404.9 | 406.1 | 406.3 | 406.4 | 406.5 | 406.6 | 408.9 | 413.5 |
| 172.5° | 406.5 | 406.3 | 406.1 | 406.3 | 406.5 | 406.6 | 406.6 | 406.6 | 406.6 | 408.4 | 412.0 |
| 175° | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 408.3 | 407.1 | 406.6 | 407.8 | 410.1 |
| 177.5° | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 408.5 | 407.6 | 407.1 | 408.0 | 409.9 |
| 180° | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 |



TEST NUMBER: P934475
 CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 |
| 2.5° | 1794.9 | 1789.7 | 1796.7 | 1777.3 | 1796.7 | 1789.7 | 1794.9 | 1807.3 | 1796.7 | 1803.7 | 1810.7 |
| 5° | 1575.0 | 1566.2 | 1538.0 | 1515.1 | 1538.0 | 1566.2 | 1575.0 | 1611.9 | 1629.5 | 1661.2 | 1703.5 |
| 7.5° | 1407.7 | 1400.7 | 1393.7 | 1379.6 | 1393.7 | 1400.7 | 1407.7 | 1418.3 | 1435.9 | 1464.1 | 1495.7 |
| 10° | 1370.8 | 1372.6 | 1383.1 | 1381.4 | 1383.1 | 1372.6 | 1370.8 | 1367.3 | 1362.0 | 1367.3 | 1386.7 |
| 12.5° | 1465.8 | 1481.7 | 1539.8 | 1536.2 | 1539.8 | 1481.7 | 1465.8 | 1395.5 | 1348.0 | 1339.2 | 1342.7 |
| 15° | 1575.0 | 1580.2 | 1592.5 | 1594.3 | 1592.5 | 1580.2 | 1575.0 | 1546.8 | 1404.3 | 1342.7 | 1323.3 |
| 17.5° | 1585.5 | 1587.3 | 1596.1 | 1596.1 | 1596.1 | 1587.3 | 1585.5 | 1573.2 | 1525.7 | 1443.0 | 1333.9 |
| 20° | 1576.7 | 1580.2 | 1597.9 | 1601.3 | 1597.9 | 1580.2 | 1576.7 | 1560.8 | 1534.5 | 1504.5 | 1421.9 |
| 22.5° | 1573.2 | 1580.2 | 1594.3 | 1592.5 | 1594.3 | 1580.2 | 1573.2 | 1548.6 | 1525.7 | 1504.5 | 1471.1 |
| 25° | 1555.6 | 1555.6 | 1557.4 | 1559.2 | 1557.4 | 1555.6 | 1555.6 | 1536.2 | 1490.5 | 1485.2 | 1465.8 |
| 27.5° | 1518.7 | 1522.1 | 1532.7 | 1531.0 | 1532.7 | 1522.1 | 1518.7 | 1511.6 | 1462.4 | 1457.0 | 1443.0 |
| 30° | 1485.2 | 1481.7 | 1472.9 | 1465.8 | 1472.9 | 1481.7 | 1485.2 | 1474.6 | 1425.4 | 1411.3 | 1414.9 |
| 32.5° | 1428.9 | 1420.1 | 1411.3 | 1406.1 | 1411.3 | 1420.1 | 1428.9 | 1425.4 | 1388.4 | 1369.0 | 1372.6 |
| 35° | 1362.0 | 1363.8 | 1362.0 | 1356.8 | 1362.0 | 1363.8 | 1362.0 | 1365.6 | 1342.7 | 1325.1 | 1323.3 |
| 37.5° | 1314.5 | 1318.1 | 1316.3 | 1309.3 | 1316.3 | 1318.1 | 1314.5 | 1311.0 | 1279.3 | 1274.0 | 1277.6 |
| 40° | 1265.2 | 1267.0 | 1265.2 | 1260.0 | 1265.2 | 1267.0 | 1265.2 | 1258.2 | 1214.3 | 1215.9 | 1228.3 |
| 42.5° | 1217.7 | 1215.9 | 1210.7 | 1207.1 | 1210.7 | 1215.9 | 1217.7 | 1207.1 | 1150.8 | 1145.6 | 1168.4 |
| 45° | 1163.2 | 1165.0 | 1154.4 | 1149.1 | 1154.4 | 1165.0 | 1163.2 | 1156.2 | 1098.1 | 1084.0 | 1099.8 |
| 47.5° | 1108.7 | 1108.7 | 1099.8 | 1094.5 | 1099.8 | 1108.7 | 1108.7 | 1099.8 | 1038.2 | 1024.1 | 1032.9 |
| 50° | 1050.6 | 1048.8 | 1036.5 | 1034.7 | 1036.5 | 1048.8 | 1050.6 | 1045.3 | 980.2 | 967.8 | 967.8 |
| 52.5° | 983.7 | 983.7 | 985.4 | 989.0 | 985.4 | 983.7 | 983.7 | 985.4 | 927.3 | 915.1 | 911.5 |
| 55° | 925.7 | 927.3 | 939.7 | 943.2 | 939.7 | 927.3 | 925.7 | 925.7 | 872.8 | 860.5 | 853.5 |
| 57.5° | 865.8 | 865.8 | 874.6 | 874.6 | 874.6 | 865.8 | 865.8 | 862.2 | 811.3 | 800.7 | 797.2 |
| 60° | 797.2 | 800.7 | 807.7 | 805.9 | 807.7 | 800.7 | 797.2 | 793.6 | 749.6 | 742.6 | 730.3 |
| 62.5° | 725.0 | 728.5 | 730.3 | 726.7 | 730.3 | 728.5 | 725.0 | 714.5 | 688.0 | 682.8 | 667.0 |
| 65° | 649.3 | 652.9 | 654.6 | 651.1 | 654.6 | 652.9 | 649.3 | 644.1 | 624.7 | 615.9 | 601.8 |
| 67.5° | 571.9 | 570.2 | 568.4 | 575.4 | 568.4 | 570.2 | 571.9 | 564.9 | 552.5 | 545.5 | 526.1 |
| 70° | 492.8 | 492.8 | 491.0 | 494.4 | 491.0 | 492.8 | 492.8 | 487.4 | 480.4 | 475.2 | 457.5 |
| 72.5° | 408.2 | 406.5 | 413.5 | 408.2 | 413.5 | 406.5 | 408.2 | 406.5 | 403.0 | 397.7 | 380.1 |
| 75° | 325.5 | 329.1 | 325.5 | 330.9 | 325.5 | 329.1 | 325.5 | 327.3 | 325.5 | 322.0 | 309.7 |
| 77.5° | 248.1 | 251.7 | 248.1 | 248.1 | 248.1 | 251.7 | 248.1 | 249.9 | 249.9 | 249.9 | 239.3 |
| 80° | 176.0 | 174.2 | 174.2 | 172.4 | 174.2 | 174.2 | 176.0 | 176.0 | 177.7 | 174.2 | 170.7 |
| 82.5° | 112.6 | 110.8 | 110.8 | 114.4 | 110.8 | 110.8 | 112.6 | 114.4 | 110.8 | 110.8 | 110.8 |
| 85° | 61.6 | 63.3 | 59.9 | 59.9 | 59.9 | 63.3 | 61.6 | 58.1 | 61.6 | 61.6 | 59.9 |
| 87.5° | 22.9 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 22.9 | 24.6 | 24.6 | 24.6 | 26.4 |
| 90° | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 13.9 | 18.6 | 20.9 | 17.9 |
| 92.5° | 52.1 | 50.1 | 41.7 | 33.5 | 41.7 | 50.1 | 52.1 | 73.9 | 102.9 | 117.5 | 103.2 |
| 95° | 177.1 | 170.8 | 145.6 | 120.5 | 145.6 | 170.8 | 177.1 | 232.6 | 306.5 | 343.5 | 290.1 |
| 97.5° | 408.7 | 396.8 | 349.0 | 301.2 | 349.0 | 396.8 | 408.7 | 443.8 | 490.6 | 514.0 | 425.0 |
| 100° | 574.1 | 559.9 | 502.9 | 445.9 | 502.9 | 559.9 | 574.1 | 571.5 | 568.1 | 566.4 | 467.6 |
| 102.5° | 715.2 | 703.0 | 654.2 | 605.3 | 654.2 | 703.0 | 715.2 | 670.5 | 610.9 | 581.2 | 481.0 |
| 105° | 879.9 | 873.3 | 847.2 | 820.9 | 847.2 | 873.3 | 879.9 | 779.8 | 646.3 | 579.5 | 482.5 |
| 107.5° | 965.5 | 967.1 | 973.4 | 979.8 | 973.4 | 967.1 | 965.5 | 825.8 | 639.6 | 546.6 | 461.0 |
| 110° | 987.5 | 994.4 | 1021.6 | 1049.0 | 1021.6 | 994.4 | 987.5 | 831.4 | 623.2 | 519.1 | 442.0 |



TEST NUMBER: P934475

CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|-------|--------|--------|--------|-------|--------|-------|-------|-------|-------|
| 112.5° | 973.5 | 984.0 | 1026.0 | 1067.9 | 1026.0 | 984.0 | 973.5 | 813.8 | 600.7 | 494.2 | 425.4 |
| 115° | 926.0 | 940.6 | 998.7 | 1057.0 | 998.7 | 940.6 | 926.0 | 772.1 | 566.9 | 464.2 | 406.3 |
| 117.5° | 860.4 | 876.5 | 941.1 | 1005.7 | 941.1 | 876.5 | 860.4 | 721.5 | 536.3 | 443.6 | 394.4 |
| 120° | 816.2 | 831.9 | 894.6 | 957.4 | 894.6 | 831.9 | 816.2 | 689.3 | 520.0 | 435.4 | 390.4 |
| 122.5° | 772.0 | 787.5 | 849.4 | 911.2 | 849.4 | 787.5 | 772.0 | 657.7 | 505.3 | 429.1 | 388.2 |
| 125° | 713.5 | 727.7 | 784.7 | 841.7 | 784.7 | 727.7 | 713.5 | 616.4 | 487.0 | 422.2 | 386.5 |
| 127.5° | 666.5 | 678.5 | 726.7 | 774.8 | 726.7 | 678.5 | 666.5 | 583.1 | 472.1 | 416.5 | 385.6 |
| 130° | 637.0 | 648.1 | 692.5 | 736.9 | 692.5 | 648.1 | 637.0 | 562.7 | 463.7 | 414.3 | 386.1 |
| 132.5° | 611.7 | 621.6 | 661.4 | 701.2 | 661.4 | 621.6 | 611.7 | 545.2 | 456.7 | 412.4 | 386.5 |
| 135° | 576.0 | 584.6 | 618.8 | 653.1 | 618.8 | 584.6 | 576.0 | 520.4 | 446.2 | 409.1 | 386.2 |
| 137.5° | 549.6 | 556.6 | 584.7 | 612.8 | 584.7 | 556.6 | 549.6 | 502.5 | 439.8 | 408.5 | 388.5 |
| 140° | 528.4 | 535.0 | 561.2 | 587.5 | 561.2 | 535.0 | 528.4 | 487.9 | 433.7 | 406.6 | 388.9 |
| 142.5° | 513.6 | 519.3 | 541.9 | 564.4 | 541.9 | 519.3 | 513.6 | 477.9 | 430.4 | 406.6 | 390.4 |
| 145° | 491.4 | 495.7 | 512.8 | 529.9 | 512.8 | 495.7 | 491.4 | 462.2 | 423.3 | 403.9 | 390.4 |
| 147.5° | 472.8 | 476.3 | 490.4 | 504.6 | 490.4 | 476.3 | 472.8 | 449.8 | 419.1 | 403.9 | 393.0 |
| 150° | 462.0 | 464.9 | 476.4 | 487.9 | 476.4 | 464.9 | 462.0 | 442.7 | 416.8 | 403.9 | 394.4 |
| 152.5° | 453.5 | 455.6 | 464.3 | 473.0 | 464.3 | 455.6 | 453.5 | 437.0 | 414.9 | 403.9 | 395.3 |
| 155° | 443.4 | 444.8 | 450.6 | 456.3 | 450.6 | 444.8 | 443.4 | 430.2 | 412.7 | 403.9 | 397.4 |
| 157.5° | 434.6 | 435.6 | 439.6 | 443.6 | 439.6 | 435.6 | 434.6 | 424.4 | 410.7 | 403.9 | 399.4 |
| 160° | 430.2 | 430.8 | 433.1 | 435.4 | 433.1 | 430.8 | 430.2 | 421.4 | 409.7 | 403.9 | 400.3 |
| 162.5° | 426.1 | 426.6 | 428.8 | 431.0 | 428.8 | 426.6 | 426.1 | 418.7 | 408.8 | 403.9 | 401.3 |
| 165° | 419.8 | 420.4 | 422.7 | 425.0 | 422.7 | 420.4 | 419.8 | 414.4 | 407.4 | 403.9 | 402.7 |
| 167.5° | 417.0 | 417.3 | 418.2 | 419.2 | 418.2 | 417.3 | 417.0 | 413.5 | 408.9 | 406.6 | 405.6 |
| 170° | 417.0 | 417.0 | 417.0 | 417.0 | 417.0 | 417.0 | 417.0 | 413.5 | 408.9 | 406.6 | 406.5 |
| 172.5° | 414.8 | 414.6 | 413.7 | 412.9 | 413.7 | 414.6 | 414.8 | 412.0 | 408.4 | 406.6 | 406.6 |
| 175° | 411.8 | 411.8 | 411.8 | 411.8 | 411.8 | 411.8 | 411.8 | 410.1 | 407.8 | 406.6 | 407.1 |
| 177.5° | 411.2 | 411.0 | 410.1 | 409.1 | 410.1 | 411.0 | 411.2 | 409.9 | 408.0 | 407.1 | 407.6 |
| 180° | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 |



TEST NUMBER: P934475

CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1860.0 | 1860.0 | 1860.0 | 1860.0 | 1860.0 |
| 2.5° | 1837.2 | 1846.0 | 1851.2 | 1858.2 | 1875.9 |
| 5° | 1766.8 | 1800.2 | 1810.7 | 1837.2 | 1868.8 |
| 7.5° | 1611.9 | 1713.9 | 1742.2 | 1805.5 | 1854.8 |
| 10° | 1462.4 | 1564.4 | 1613.7 | 1763.2 | 1837.2 |
| 12.5° | 1386.7 | 1446.5 | 1479.9 | 1689.3 | 1812.5 |
| 15° | 1339.2 | 1381.4 | 1406.1 | 1590.8 | 1784.3 |
| 17.5° | 1302.2 | 1332.1 | 1349.7 | 1494.0 | 1745.6 |
| 20° | 1279.3 | 1293.4 | 1309.3 | 1423.6 | 1701.7 |
| 22.5° | 1263.4 | 1254.7 | 1267.0 | 1374.4 | 1641.8 |
| 25° | 1253.0 | 1219.5 | 1233.6 | 1335.6 | 1571.4 |
| 27.5° | 1261.8 | 1187.8 | 1193.1 | 1300.5 | 1497.5 |
| 30° | 1263.4 | 1149.1 | 1150.8 | 1263.4 | 1414.9 |
| 32.5° | 1251.2 | 1108.7 | 1110.4 | 1217.7 | 1321.5 |
| 35° | 1221.3 | 1061.1 | 1059.4 | 1165.0 | 1194.9 |
| 37.5° | 1180.8 | 1010.1 | 1010.1 | 1106.9 | 1055.8 |
| 40° | 1131.5 | 959.0 | 964.4 | 1031.2 | 932.7 |
| 42.5° | 1071.6 | 904.5 | 911.5 | 930.9 | 841.1 |
| 45° | 1006.5 | 851.7 | 857.0 | 786.6 | 770.8 |
| 47.5° | 934.4 | 797.2 | 798.9 | 652.9 | 747.9 |
| 50° | 848.2 | 740.9 | 733.8 | 559.6 | 746.1 |
| 52.5° | 772.6 | 679.2 | 658.1 | 506.8 | 677.5 |
| 55° | 698.6 | 614.1 | 568.4 | 466.3 | 628.3 |
| 57.5° | 633.5 | 529.7 | 485.6 | 418.8 | 617.7 |
| 60° | 573.6 | 446.9 | 413.5 | 367.8 | 566.6 |
| 62.5° | 524.4 | 385.4 | 378.4 | 332.6 | 513.8 |
| 65° | 471.6 | 343.1 | 341.3 | 302.6 | 436.5 |
| 67.5° | 420.6 | 315.0 | 313.2 | 274.5 | 332.6 |
| 70° | 366.0 | 285.0 | 281.6 | 244.6 | 246.3 |
| 72.5° | 309.7 | 251.7 | 248.1 | 220.0 | 204.2 |
| 75° | 253.4 | 212.9 | 211.2 | 191.8 | 165.4 |
| 77.5° | 198.8 | 168.9 | 172.4 | 154.9 | 121.4 |
| 80° | 142.5 | 123.2 | 126.7 | 110.8 | 91.5 |
| 82.5° | 95.0 | 81.0 | 84.4 | 70.4 | 61.6 |
| 85° | 52.8 | 45.7 | 47.5 | 36.9 | 28.1 |
| 87.5° | 24.6 | 21.1 | 21.1 | 14.1 | 8.8 |
| 90° | 12.1 | 7.7 | 7.2 | 5.0 | 2.8 |
| 92.5° | 74.5 | 53.0 | 48.3 | 29.7 | 11.0 |
| 95° | 183.3 | 103.2 | 94.7 | 60.5 | 26.4 |
| 97.5° | 247.0 | 113.4 | 105.8 | 75.7 | 45.6 |
| 100° | 270.0 | 121.9 | 115.1 | 87.7 | 60.4 |
| 102.5° | 280.7 | 130.4 | 124.1 | 98.6 | 73.0 |
| 105° | 288.5 | 143.1 | 137.6 | 116.1 | 94.5 |
| 107.5° | 290.0 | 161.7 | 156.6 | 136.6 | 116.4 |
| 110° | 287.8 | 172.1 | 167.6 | 149.4 | 131.2 |



TEST NUMBER: P934475

CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 287.9 | 184.8 | 180.4 | 163.1 | 145.8 |
| 115° | 290.6 | 203.7 | 199.7 | 183.7 | 167.7 |
| 117.5° | 296.0 | 222.1 | 218.4 | 204.0 | 189.4 |
| 120° | 300.3 | 232.8 | 229.4 | 215.7 | 202.0 |
| 122.5° | 306.6 | 245.4 | 242.0 | 228.2 | 214.5 |
| 125° | 315.2 | 261.6 | 258.5 | 245.9 | 233.4 |
| 127.5° | 323.7 | 277.3 | 274.1 | 261.4 | 248.7 |
| 130° | 329.9 | 287.7 | 284.3 | 270.7 | 257.0 |
| 132.5° | 335.0 | 296.2 | 292.9 | 279.2 | 265.5 |
| 135° | 340.5 | 306.1 | 303.0 | 290.6 | 278.1 |
| 137.5° | 348.6 | 318.7 | 315.6 | 303.3 | 291.0 |
| 140° | 353.7 | 327.2 | 324.4 | 313.1 | 301.7 |
| 142.5° | 357.9 | 333.5 | 330.9 | 320.4 | 309.9 |
| 145° | 363.5 | 343.2 | 340.9 | 331.8 | 322.6 |
| 147.5° | 371.5 | 355.3 | 353.1 | 344.1 | 335.2 |
| 150° | 375.7 | 361.6 | 359.6 | 351.6 | 343.5 |
| 152.5° | 378.4 | 365.7 | 364.2 | 358.0 | 351.9 |
| 155° | 384.4 | 374.7 | 373.6 | 369.1 | 364.6 |
| 157.5° | 390.5 | 383.8 | 382.7 | 378.3 | 373.9 |
| 160° | 393.2 | 387.9 | 387.0 | 383.6 | 380.2 |
| 162.5° | 396.1 | 392.3 | 391.7 | 389.1 | 386.5 |
| 165° | 400.4 | 398.6 | 398.0 | 395.7 | 393.4 |
| 167.5° | 403.7 | 402.2 | 401.9 | 400.8 | 399.7 |
| 170° | 406.4 | 406.3 | 406.1 | 404.9 | 403.9 |
| 172.5° | 406.6 | 406.6 | 406.5 | 406.3 | 406.1 |
| 175° | 408.3 | 409.1 | 409.1 | 409.1 | 409.1 |
| 177.5° | 408.5 | 409.1 | 409.1 | 409.1 | 409.1 |
| 180° | 409.1 | 409.1 | 409.1 | 409.1 | 409.1 |



TEST NUMBER: P934475
 CATALOG NUMBER: SQ4-FA-050U-100D-940-1D-UNV-STD-W-6

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 14.53 | 15.54 | 15.35 | 16.39 | 17.43 | 17.36 | 18.37 | 18.18 | 19.21 | 20.26 |
| | 3H | 15.02 | 15.93 | 15.86 | 16.78 | 17.86 | 18.71 | 19.62 | 19.55 | 20.47 | 21.55 |
| | 4H | 15.22 | 16.07 | 16.07 | 16.93 | 18.02 | 19.16 | 20.02 | 20.01 | 20.88 | 21.96 |
| | 6H | 15.35 | 16.13 | 16.21 | 17.00 | 18.10 | 19.45 | 20.24 | 20.32 | 21.11 | 22.21 |
| | 8H | 15.35 | 16.10 | 16.22 | 16.99 | 18.09 | 19.53 | 20.28 | 20.40 | 21.17 | 22.27 |
| | 12H | 15.33 | 16.04 | 16.21 | 16.92 | 18.05 | 19.57 | 20.29 | 20.45 | 21.17 | 22.29 |
| 4H | 2H | 15.58 | 16.44 | 16.44 | 17.30 | 18.38 | 17.78 | 18.64 | 18.64 | 19.50 | 20.59 |
| | 3H | 16.62 | 17.34 | 17.49 | 18.23 | 19.33 | 19.30 | 20.01 | 20.17 | 20.91 | 22.01 |
| | 4H | 16.91 | 17.55 | 17.78 | 18.44 | 19.57 | 19.84 | 20.48 | 20.72 | 21.37 | 22.50 |
| | 6H | 17.04 | 17.60 | 17.93 | 18.51 | 19.64 | 20.21 | 20.77 | 21.10 | 21.68 | 22.81 |
| | 8H | 17.05 | 17.57 | 17.95 | 18.48 | 19.62 | 20.32 | 20.84 | 21.21 | 21.75 | 22.89 |
| | 12H | 17.02 | 17.49 | 17.94 | 18.42 | 19.57 | 20.38 | 20.85 | 21.30 | 21.78 | 22.93 |
| 8H | 4H | 17.37 | 17.89 | 18.27 | 18.80 | 19.95 | 19.97 | 20.50 | 20.87 | 21.40 | 22.55 |
| | 6H | 17.64 | 18.07 | 18.56 | 19.02 | 20.16 | 20.41 | 20.85 | 21.34 | 21.80 | 22.94 |
| | 8H | 17.68 | 18.06 | 18.62 | 19.01 | 20.17 | 20.57 | 20.95 | 21.50 | 21.89 | 23.05 |
| | 12H | 17.67 | 18.01 | 18.61 | 18.94 | 20.16 | 20.67 | 21.01 | 21.61 | 21.94 | 23.15 |
| 12H | 4H | 17.38 | 17.85 | 18.30 | 18.78 | 19.93 | 19.94 | 20.41 | 20.86 | 21.34 | 22.49 |
| | 6H | 17.70 | 18.08 | 18.63 | 19.03 | 20.19 | 20.41 | 20.80 | 21.35 | 21.74 | 22.90 |
| | 8H | 17.77 | 18.11 | 18.71 | 19.05 | 20.26 | 20.58 | 20.92 | 21.52 | 21.85 | 23.06 |