

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: P934316

Luminaire Tested: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934316
REPORT IS A COMBINATION OF REPORTS P933696 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

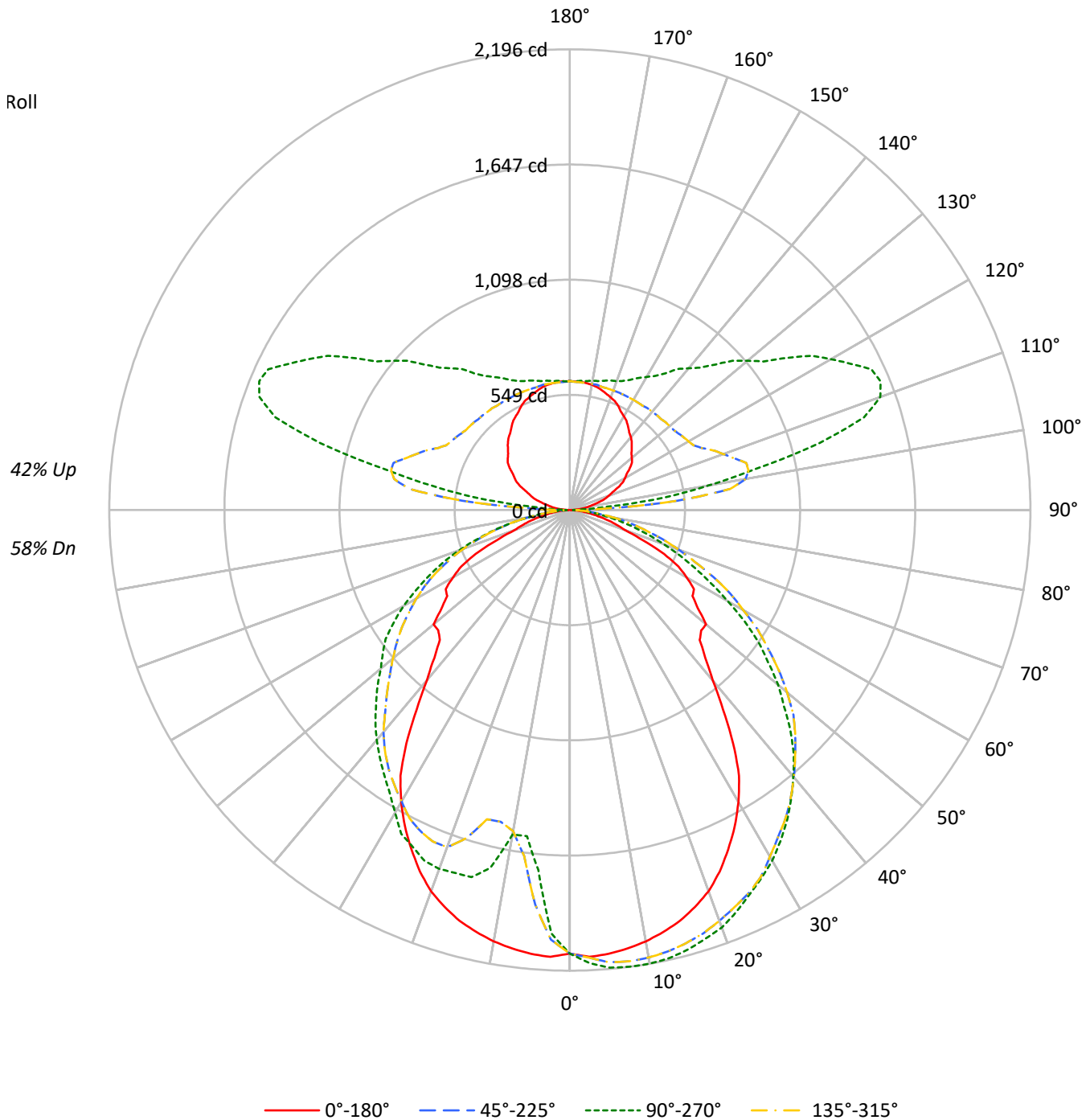
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9465.0 lumens
Efficiency: N/A
Efficacy: 130.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 72.8
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: P934316
CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

Luminous Intensity Polar Plot





TEST NUMBER: P934316

CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

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 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 63 | 63 | 63 | 58 | | |
| 1 | 100 | 95 | 91 | 88 | 93 | 89 | 86 | 83 | 77 | 75 | 72 | 66 | 64 | 63 | 56 | 55 | 54 | 49 | | |
| 2 | 91 | 83 | 77 | 72 | 84 | 78 | 72 | 68 | 68 | 63 | 60 | 58 | 55 | 52 | 49 | 47 | 45 | 41 | | |
| 3 | 83 | 73 | 66 | 60 | 77 | 68 | 62 | 57 | 60 | 55 | 50 | 51 | 48 | 44 | 44 | 41 | 39 | 35 | | |
| 4 | 76 | 65 | 57 | 51 | 70 | 61 | 54 | 48 | 53 | 47 | 43 | 46 | 41 | 38 | 39 | 36 | 33 | 30 | | |
| 5 | 70 | 58 | 49 | 43 | 65 | 54 | 47 | 41 | 47 | 42 | 37 | 41 | 37 | 33 | 35 | 32 | 29 | 26 | | |
| 6 | 64 | 52 | 44 | 38 | 60 | 49 | 41 | 36 | 43 | 37 | 32 | 37 | 32 | 29 | 32 | 28 | 25 | 23 | | |
| 7 | 59 | 47 | 39 | 33 | 55 | 44 | 37 | 31 | 39 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 23 | 20 | | |
| 8 | 55 | 42 | 35 | 29 | 51 | 40 | 33 | 28 | 35 | 29 | 25 | 31 | 26 | 23 | 27 | 23 | 20 | 18 | | |
| 9 | 51 | 39 | 31 | 26 | 48 | 37 | 30 | 25 | 32 | 27 | 23 | 28 | 24 | 20 | 25 | 21 | 18 | 16 | | |
| 10 | 48 | 36 | 28 | 23 | 45 | 34 | 27 | 22 | 30 | 24 | 20 | 26 | 22 | 18 | 23 | 19 | 17 | 15 | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 9808 | 9808 | 9808 | 9808 |
| 5° | 9881 | 9900 | 9881 | 7785 |
| 10° | 9815 | 9752 | 9815 | 6972 |
| 15° | 9708 | 9541 | 9708 | 7967 |
| 20° | 9505 | 9291 | 9505 | 7984 |
| 25° | 9089 | 8926 | 9089 | 7814 |
| 30° | 8552 | 8623 | 8552 | 7443 |
| 35° | 7624 | 8239 | 7624 | 7035 |
| 40° | 6353 | 7788 | 6353 | 6726 |
| 45° | 5677 | 7259 | 5677 | 6371 |
| 50° | 6031 | 6629 | 6031 | 6016 |
| 55° | 5674 | 5951 | 5674 | 5810 |
| 60° | 5849 | 5054 | 5849 | 5321 |
| 65° | 5303 | 4178 | 5303 | 4670 |
| 70° | 3672 | 3330 | 3672 | 3915 |
| 75° | 3220 | 2461 | 3220 | 2947 |
| 80° | 2595 | 1627 | 2595 | 1772 |
| 85° | 1491 | 862 | 1491 | 733 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8700 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 190.8 | 2.0 |
| 10°-20° | 541.8 | 5.7 |
| 20°-30° | 837.5 | 8.8 |
| 30°-40° | 999.8 | 10.6 |
| 40°-50° | 1005.6 | 10.6 |
| 50°-60° | 875.1 | 9.2 |
| 60°-70° | 620.4 | 6.6 |
| 70°-80° | 328.2 | 3.5 |
| 80°-90° | 84.1 | 0.9 |
| 90°-100° | 299.4 | 3.2 |
| 100°-110° | 787.1 | 8.3 |
| 110°-120° | 816.2 | 8.6 |
| 120°-130° | 654.7 | 6.9 |
| 130°-140° | 513.7 | 5.4 |
| 140°-150° | 394.3 | 4.2 |
| 150°-160° | 283.9 | 3.0 |
| 160°-170° | 173.7 | 1.8 |
| 170°-180° | 58.7 | 0.6 |
| 0°-30° | 1570.1 | 16.6 |
| 0°-40° | 2569.9 | 27.2 |
| 0°-60° | 4450.6 | 47.0 |
| 0°-90° | 5483.4 | 57.9 |
| 90°-120° | 1902.7 | 20.1 |
| 90°-150° | 3465.3 | 36.6 |
| 90°-180° | 3982.0 | 42.1 |
| 0°-180° | 9465.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2114 | 2114 | 2114 | 2114 | 2114 | |
| 5° | 2124 | 2190 | 2124 | 1722 | 2124 | 201 |
| 15° | 2028 | 2170 | 2028 | 1812 | 2028 | 571 |
| 25° | 1786 | 2024 | 1786 | 1772 | 1786 | 820 |
| 35° | 1358 | 1806 | 1358 | 1542 | 1358 | 840 |
| 45° | 876 | 1488 | 876 | 1306 | 876 | 702 |
| 55° | 714 | 1098 | 714 | 1072 | 714 | 656 |
| 65° | 496 | 662 | 496 | 740 | 496 | 474 |
| 75° | 188 | 314 | 188 | 376 | 188 | 198 |
| 85° | 32 | 80 | 32 | 68 | 32 | 43 |
| 90° | 4 | 16 | 4 | 16 | 4 | 5 |
| 95° | 40 | 181 | 40 | 181 | 40 | 44 |
| 105° | 142 | 1232 | 142 | 1232 | 142 | 150 |
| 115° | 252 | 1587 | 252 | 1587 | 252 | 249 |
| 125° | 350 | 1264 | 350 | 1264 | 350 | 311 |
| 135° | 418 | 981 | 418 | 981 | 418 | 323 |
| 145° | 484 | 796 | 484 | 796 | 484 | 303 |
| 155° | 547 | 685 | 547 | 685 | 547 | 252 |
| 165° | 591 | 638 | 591 | 638 | 591 | 167 |
| 175° | 614 | 618 | 614 | 618 | 614 | 58 |
| 180° | 614 | 614 | 614 | 614 | 614 | |



TEST NUMBER: P934316
 CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 |
| 2.5° | 2131.9 | 2131.9 | 2143.9 | 2147.9 | 2147.9 | 2141.9 | 2135.9 | 2141.9 | 2159.9 | 2165.9 | 2163.9 |
| 5° | 2123.9 | 2139.9 | 2161.9 | 2165.9 | 2169.9 | 2167.9 | 2163.9 | 2167.9 | 2187.9 | 2191.9 | 2193.9 |
| 7.5° | 2107.9 | 2137.9 | 2165.9 | 2171.9 | 2177.9 | 2171.9 | 2169.9 | 2173.9 | 2193.9 | 2197.9 | 2197.9 |
| 10° | 2087.9 | 2129.9 | 2161.9 | 2165.9 | 2171.9 | 2165.9 | 2165.9 | 2173.9 | 2193.9 | 2197.9 | 2199.9 |
| 12.5° | 2059.9 | 2117.9 | 2147.9 | 2151.9 | 2159.9 | 2157.9 | 2155.9 | 2163.9 | 2183.9 | 2187.9 | 2187.9 |
| 15° | 2027.9 | 2095.9 | 2123.9 | 2127.9 | 2141.9 | 2137.9 | 2137.9 | 2145.9 | 2167.9 | 2173.9 | 2171.9 |
| 17.5° | 1983.9 | 2067.9 | 2099.9 | 2105.9 | 2115.9 | 2113.9 | 2115.9 | 2123.9 | 2143.9 | 2147.9 | 2149.9 |
| 20° | 1933.9 | 2029.9 | 2067.9 | 2073.9 | 2083.9 | 2083.9 | 2083.9 | 2093.9 | 2113.9 | 2121.9 | 2121.9 |
| 22.5° | 1865.9 | 1989.9 | 2029.9 | 2033.9 | 2045.9 | 2045.9 | 2049.9 | 2063.9 | 2081.9 | 2083.9 | 2083.9 |
| 25° | 1785.9 | 1945.9 | 1979.9 | 1991.9 | 2003.9 | 2009.9 | 2015.9 | 2023.9 | 2029.9 | 2027.9 | 2029.9 |
| 27.5° | 1701.9 | 1889.9 | 1933.9 | 1941.9 | 1957.9 | 1963.9 | 1971.9 | 1973.9 | 1975.9 | 1981.9 | 1977.9 |
| 30° | 1607.9 | 1811.9 | 1877.9 | 1885.9 | 1911.9 | 1915.9 | 1907.9 | 1911.9 | 1921.9 | 1925.9 | 1929.9 |
| 32.5° | 1501.9 | 1695.9 | 1819.9 | 1837.9 | 1861.9 | 1849.9 | 1847.9 | 1853.9 | 1869.9 | 1869.9 | 1873.9 |
| 35° | 1357.9 | 1605.9 | 1765.9 | 1781.9 | 1799.9 | 1785.9 | 1793.9 | 1795.9 | 1805.9 | 1811.9 | 1809.9 |
| 37.5° | 1199.9 | 1527.9 | 1709.9 | 1721.9 | 1735.9 | 1717.9 | 1729.9 | 1735.9 | 1743.9 | 1739.9 | 1739.9 |
| 40° | 1060.0 | 1405.9 | 1643.9 | 1651.9 | 1663.9 | 1649.9 | 1661.9 | 1665.9 | 1669.9 | 1665.9 | 1663.9 |
| 42.5° | 956.0 | 1271.9 | 1573.9 | 1583.9 | 1575.9 | 1585.9 | 1589.9 | 1597.9 | 1591.9 | 1583.9 | 1583.9 |
| 45° | 876.0 | 1235.9 | 1497.9 | 1509.9 | 1497.9 | 1513.9 | 1519.9 | 1519.9 | 1501.9 | 1497.9 | 1495.9 |
| 47.5° | 850.0 | 1164.0 | 1421.9 | 1421.9 | 1415.9 | 1435.9 | 1445.9 | 1431.9 | 1413.9 | 1407.9 | 1407.9 |
| 50° | 848.0 | 1084.0 | 1317.9 | 1309.9 | 1337.9 | 1361.9 | 1351.9 | 1337.9 | 1323.9 | 1301.9 | 1301.9 |
| 52.5° | 770.0 | 986.0 | 1184.0 | 1213.9 | 1257.9 | 1271.9 | 1255.9 | 1241.9 | 1217.9 | 1207.9 | 1199.9 |
| 55° | 714.0 | 884.0 | 1062.0 | 1122.0 | 1168.0 | 1186.0 | 1156.0 | 1142.0 | 1106.0 | 1100.0 | 1096.0 |
| 57.5° | 702.0 | 736.0 | 950.0 | 1026.0 | 1082.0 | 1080.0 | 1062.0 | 1036.0 | 1006.0 | 1000.0 | 998.0 |
| 60° | 644.0 | 532.0 | 830.0 | 920.0 | 978.0 | 972.0 | 956.0 | 932.0 | 904.0 | 900.0 | 896.0 |
| 62.5° | 584.0 | 386.0 | 694.0 | 796.0 | 878.0 | 876.0 | 862.0 | 826.0 | 806.0 | 796.0 | 788.0 |
| 65° | 496.0 | 324.0 | 494.0 | 662.0 | 780.0 | 784.0 | 754.0 | 728.0 | 706.0 | 694.0 | 692.0 |
| 67.5° | 378.0 | 264.0 | 334.0 | 552.0 | 686.0 | 682.0 | 644.0 | 632.0 | 604.0 | 598.0 | 586.0 |
| 70° | 280.0 | 176.0 | 232.0 | 448.0 | 594.0 | 584.0 | 554.0 | 540.0 | 514.0 | 500.0 | 492.0 |
| 72.5° | 232.0 | 142.0 | 170.0 | 348.0 | 500.0 | 488.0 | 462.0 | 446.0 | 424.0 | 412.0 | 404.0 |
| 75° | 188.0 | 150.0 | 130.0 | 258.0 | 406.0 | 398.0 | 374.0 | 358.0 | 340.0 | 324.0 | 326.0 |
| 77.5° | 138.0 | 140.0 | 104.0 | 190.0 | 322.0 | 310.0 | 296.0 | 276.0 | 268.0 | 252.0 | 252.0 |
| 80° | 104.0 | 110.0 | 78.0 | 130.0 | 232.0 | 232.0 | 220.0 | 206.0 | 192.0 | 184.0 | 184.0 |
| 82.5° | 70.0 | 70.0 | 58.0 | 82.0 | 158.0 | 152.0 | 144.0 | 140.0 | 132.0 | 128.0 | 128.0 |
| 85° | 32.0 | 40.0 | 36.0 | 50.0 | 86.0 | 90.0 | 90.0 | 86.0 | 84.0 | 80.0 | 82.0 |
| 87.5° | 10.0 | 18.0 | 22.0 | 28.0 | 44.0 | 46.0 | 48.0 | 48.0 | 48.0 | 50.0 | 50.0 |
| 90° | 4.1 | 7.4 | 10.7 | 11.5 | 18.1 | 26.9 | 31.3 | 27.8 | 20.9 | 15.7 | 15.7 |
| 92.5° | 16.5 | 44.5 | 72.6 | 79.6 | 111.9 | 154.9 | 176.4 | 154.6 | 111.0 | 78.3 | 75.2 |
| 95° | 39.6 | 90.9 | 142.2 | 155.0 | 275.2 | 435.5 | 515.7 | 460.2 | 349.2 | 265.9 | 256.5 |
| 97.5° | 68.4 | 113.6 | 158.9 | 170.2 | 370.7 | 638.0 | 771.7 | 736.6 | 666.4 | 613.8 | 595.8 |
| 100° | 90.7 | 131.7 | 172.7 | 183.0 | 405.5 | 702.1 | 850.4 | 853.0 | 858.1 | 861.9 | 840.5 |
| 102.5° | 109.7 | 148.0 | 186.2 | 195.8 | 421.4 | 722.3 | 872.7 | 917.4 | 1006.8 | 1073.8 | 1055.5 |
| 105° | 141.8 | 174.2 | 206.7 | 214.8 | 433.3 | 724.6 | 870.2 | 970.4 | 1170.9 | 1321.2 | 1311.3 |
| 107.5° | 174.8 | 205.0 | 235.2 | 242.8 | 435.4 | 692.3 | 820.7 | 960.5 | 1240.1 | 1449.8 | 1452.2 |
| 110° | 197.0 | 224.3 | 251.7 | 258.5 | 432.2 | 663.7 | 779.5 | 935.8 | 1248.3 | 1482.7 | 1493.0 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 218.9 | 244.9 | 270.9 | 277.4 | 432.3 | 638.8 | 742.0 | 901.9 | 1221.8 | 1461.7 | 1477.5 |
| 115° | 251.9 | 275.9 | 299.9 | 305.9 | 436.3 | 610.2 | 697.1 | 851.2 | 1159.3 | 1390.4 | 1412.2 |
| 117.5° | 284.4 | 306.2 | 328.0 | 333.5 | 444.4 | 592.2 | 666.1 | 805.2 | 1083.3 | 1291.9 | 1316.1 |
| 120° | 303.4 | 323.9 | 344.5 | 349.6 | 451.0 | 586.2 | 653.8 | 780.8 | 1034.9 | 1225.5 | 1249.0 |
| 122.5° | 321.9 | 342.6 | 363.3 | 368.5 | 460.4 | 583.0 | 644.3 | 758.7 | 987.6 | 1159.2 | 1182.4 |
| 125° | 350.4 | 369.2 | 388.1 | 392.8 | 473.2 | 580.4 | 634.0 | 731.2 | 925.6 | 1071.4 | 1092.8 |
| 127.5° | 373.5 | 392.5 | 411.5 | 416.3 | 486.0 | 578.9 | 625.3 | 708.8 | 875.7 | 1000.9 | 1018.9 |
| 130° | 385.8 | 406.3 | 426.9 | 432.0 | 495.3 | 579.8 | 622.0 | 696.3 | 844.9 | 956.3 | 973.0 |
| 132.5° | 398.6 | 419.1 | 439.7 | 444.8 | 502.9 | 580.4 | 619.2 | 685.7 | 818.7 | 918.4 | 933.3 |
| 135° | 417.6 | 436.3 | 454.9 | 459.6 | 511.1 | 579.8 | 614.2 | 669.9 | 781.3 | 864.8 | 877.7 |
| 137.5° | 437.0 | 455.5 | 474.0 | 478.6 | 523.5 | 583.4 | 613.4 | 660.5 | 754.7 | 825.3 | 835.8 |
| 140° | 453.0 | 470.1 | 487.1 | 491.4 | 531.1 | 584.0 | 610.5 | 651.2 | 732.5 | 793.5 | 803.3 |
| 142.5° | 465.4 | 481.1 | 496.9 | 500.8 | 537.4 | 586.1 | 610.5 | 646.2 | 717.7 | 771.3 | 779.8 |
| 145° | 484.4 | 498.1 | 511.9 | 515.3 | 545.7 | 586.2 | 606.4 | 635.6 | 694.1 | 737.9 | 744.3 |
| 147.5° | 503.3 | 516.7 | 530.1 | 533.4 | 557.7 | 590.2 | 606.4 | 629.4 | 675.3 | 709.8 | 715.1 |
| 150° | 515.7 | 527.8 | 539.9 | 542.9 | 564.1 | 592.3 | 606.4 | 625.8 | 664.7 | 693.8 | 698.1 |
| 152.5° | 528.5 | 537.7 | 546.8 | 549.1 | 568.2 | 593.7 | 606.4 | 623.0 | 656.1 | 681.0 | 684.3 |
| 155° | 547.4 | 554.2 | 561.0 | 562.7 | 577.3 | 596.7 | 606.4 | 619.6 | 645.9 | 665.7 | 667.9 |
| 157.5° | 561.4 | 568.0 | 574.6 | 576.3 | 586.3 | 599.7 | 606.4 | 616.6 | 637.1 | 652.5 | 654.0 |
| 160° | 570.9 | 576.1 | 581.2 | 582.5 | 590.5 | 601.1 | 606.4 | 615.2 | 632.7 | 645.9 | 646.8 |
| 162.5° | 580.4 | 584.3 | 588.1 | 589.1 | 594.9 | 602.6 | 606.4 | 613.8 | 628.7 | 639.8 | 640.6 |
| 165° | 590.7 | 594.2 | 597.6 | 598.5 | 601.1 | 604.6 | 606.4 | 611.7 | 622.3 | 630.3 | 631.2 |
| 167.5° | 600.2 | 601.8 | 603.5 | 603.9 | 606.1 | 609.0 | 610.5 | 614.0 | 621.0 | 626.2 | 626.6 |
| 170° | 606.4 | 608.0 | 609.7 | 610.1 | 610.2 | 610.4 | 610.5 | 614.0 | 621.0 | 626.2 | 626.2 |
| 172.5° | 609.7 | 610.1 | 610.4 | 610.5 | 610.5 | 610.5 | 610.5 | 613.3 | 618.8 | 622.9 | 622.6 |
| 175° | 614.2 | 614.2 | 614.2 | 614.2 | 613.0 | 611.3 | 610.5 | 612.2 | 615.7 | 618.3 | 618.3 |
| 177.5° | 614.2 | 614.2 | 614.2 | 614.2 | 613.2 | 611.9 | 611.3 | 612.7 | 615.4 | 617.5 | 617.1 |
| 180° | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 |



TEST NUMBER: P934316

CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 |
| 2.5° | 2167.9 | 2161.9 | 2167.9 | 2163.9 | 2165.9 | 2159.9 | 2141.9 | 2135.9 | 2141.9 | 2147.9 | 2147.9 |
| 5° | 2193.9 | 2189.9 | 2193.9 | 2193.9 | 2191.9 | 2187.9 | 2167.9 | 2163.9 | 2167.9 | 2169.9 | 2165.9 |
| 7.5° | 2201.9 | 2195.9 | 2201.9 | 2197.9 | 2197.9 | 2193.9 | 2173.9 | 2169.9 | 2171.9 | 2177.9 | 2171.9 |
| 10° | 2201.9 | 2195.9 | 2201.9 | 2199.9 | 2197.9 | 2193.9 | 2173.9 | 2165.9 | 2165.9 | 2171.9 | 2165.9 |
| 12.5° | 2191.9 | 2187.9 | 2191.9 | 2187.9 | 2187.9 | 2183.9 | 2163.9 | 2155.9 | 2157.9 | 2159.9 | 2151.9 |
| 15° | 2175.9 | 2169.9 | 2175.9 | 2171.9 | 2173.9 | 2167.9 | 2145.9 | 2137.9 | 2137.9 | 2141.9 | 2127.9 |
| 17.5° | 2151.9 | 2143.9 | 2151.9 | 2149.9 | 2147.9 | 2143.9 | 2123.9 | 2115.9 | 2113.9 | 2115.9 | 2105.9 |
| 20° | 2123.9 | 2117.9 | 2123.9 | 2121.9 | 2121.9 | 2113.9 | 2093.9 | 2083.9 | 2083.9 | 2083.9 | 2073.9 |
| 22.5° | 2079.9 | 2073.9 | 2079.9 | 2083.9 | 2083.9 | 2081.9 | 2063.9 | 2049.9 | 2045.9 | 2045.9 | 2033.9 |
| 25° | 2029.9 | 2023.9 | 2029.9 | 2029.9 | 2027.9 | 2029.9 | 2023.9 | 2015.9 | 2009.9 | 2003.9 | 1991.9 |
| 27.5° | 1981.9 | 1977.9 | 1981.9 | 1977.9 | 1981.9 | 1975.9 | 1973.9 | 1971.9 | 1963.9 | 1957.9 | 1941.9 |
| 30° | 1933.9 | 1929.9 | 1933.9 | 1929.9 | 1925.9 | 1921.9 | 1911.9 | 1907.9 | 1915.9 | 1911.9 | 1885.9 |
| 32.5° | 1873.9 | 1869.9 | 1873.9 | 1873.9 | 1869.9 | 1869.9 | 1853.9 | 1847.9 | 1849.9 | 1861.9 | 1837.9 |
| 35° | 1811.9 | 1805.9 | 1811.9 | 1809.9 | 1811.9 | 1805.9 | 1795.9 | 1793.9 | 1785.9 | 1799.9 | 1781.9 |
| 37.5° | 1739.9 | 1733.9 | 1739.9 | 1739.9 | 1739.9 | 1743.9 | 1735.9 | 1729.9 | 1717.9 | 1735.9 | 1721.9 |
| 40° | 1665.9 | 1657.9 | 1665.9 | 1663.9 | 1665.9 | 1669.9 | 1665.9 | 1661.9 | 1649.9 | 1663.9 | 1651.9 |
| 42.5° | 1581.9 | 1579.9 | 1581.9 | 1583.9 | 1583.9 | 1591.9 | 1597.9 | 1589.9 | 1585.9 | 1575.9 | 1583.9 |
| 45° | 1491.9 | 1487.9 | 1491.9 | 1495.9 | 1497.9 | 1501.9 | 1519.9 | 1519.9 | 1513.9 | 1497.9 | 1509.9 |
| 47.5° | 1395.9 | 1385.9 | 1395.9 | 1407.9 | 1407.9 | 1413.9 | 1431.9 | 1445.9 | 1435.9 | 1415.9 | 1421.9 |
| 50° | 1293.9 | 1295.9 | 1293.9 | 1301.9 | 1301.9 | 1323.9 | 1337.9 | 1351.9 | 1361.9 | 1337.9 | 1309.9 |
| 52.5° | 1193.9 | 1192.0 | 1193.9 | 1199.9 | 1207.9 | 1217.9 | 1241.9 | 1255.9 | 1271.9 | 1257.9 | 1213.9 |
| 55° | 1094.0 | 1098.0 | 1094.0 | 1096.0 | 1100.0 | 1106.0 | 1142.0 | 1156.0 | 1186.0 | 1168.0 | 1122.0 |
| 57.5° | 994.0 | 988.0 | 994.0 | 998.0 | 1000.0 | 1006.0 | 1036.0 | 1062.0 | 1080.0 | 1082.0 | 1026.0 |
| 60° | 878.0 | 870.0 | 878.0 | 896.0 | 900.0 | 904.0 | 932.0 | 956.0 | 972.0 | 978.0 | 920.0 |
| 62.5° | 776.0 | 762.0 | 776.0 | 788.0 | 796.0 | 806.0 | 826.0 | 862.0 | 876.0 | 878.0 | 796.0 |
| 65° | 668.0 | 662.0 | 668.0 | 692.0 | 694.0 | 706.0 | 728.0 | 754.0 | 784.0 | 780.0 | 662.0 |
| 67.5° | 570.0 | 570.0 | 570.0 | 586.0 | 598.0 | 604.0 | 632.0 | 644.0 | 682.0 | 686.0 | 552.0 |
| 70° | 480.0 | 478.0 | 480.0 | 492.0 | 500.0 | 514.0 | 540.0 | 554.0 | 584.0 | 594.0 | 448.0 |
| 72.5° | 394.0 | 392.0 | 394.0 | 404.0 | 412.0 | 424.0 | 446.0 | 462.0 | 488.0 | 500.0 | 348.0 |
| 75° | 318.0 | 314.0 | 318.0 | 326.0 | 324.0 | 340.0 | 358.0 | 374.0 | 398.0 | 406.0 | 258.0 |
| 77.5° | 244.0 | 244.0 | 244.0 | 252.0 | 252.0 | 268.0 | 276.0 | 296.0 | 310.0 | 322.0 | 190.0 |
| 80° | 182.0 | 180.0 | 182.0 | 184.0 | 184.0 | 192.0 | 206.0 | 220.0 | 232.0 | 232.0 | 130.0 |
| 82.5° | 128.0 | 124.0 | 128.0 | 128.0 | 128.0 | 132.0 | 140.0 | 144.0 | 152.0 | 158.0 | 82.0 |
| 85° | 80.0 | 80.0 | 80.0 | 82.0 | 80.0 | 84.0 | 86.0 | 90.0 | 90.0 | 86.0 | 50.0 |
| 87.5° | 52.0 | 50.0 | 52.0 | 50.0 | 50.0 | 48.0 | 48.0 | 48.0 | 46.0 | 44.0 | 28.0 |
| 90° | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 20.9 | 27.8 | 31.3 | 26.9 | 18.1 | 11.5 |
| 92.5° | 62.7 | 50.3 | 62.7 | 75.2 | 78.3 | 111.0 | 154.6 | 176.4 | 154.9 | 111.9 | 79.6 |
| 95° | 218.7 | 181.0 | 218.7 | 256.5 | 265.9 | 349.2 | 460.2 | 515.7 | 435.5 | 275.2 | 155.0 |
| 97.5° | 524.0 | 452.2 | 524.0 | 595.8 | 613.8 | 666.4 | 736.6 | 771.7 | 638.0 | 370.7 | 170.2 |
| 100° | 755.0 | 669.4 | 755.0 | 840.5 | 861.9 | 858.1 | 853.0 | 850.4 | 702.1 | 405.5 | 183.0 |
| 102.5° | 982.2 | 908.9 | 982.2 | 1055.5 | 1073.8 | 1006.8 | 917.4 | 872.7 | 722.3 | 421.4 | 195.8 |
| 105° | 1271.9 | 1232.5 | 1271.9 | 1311.3 | 1321.2 | 1170.9 | 970.4 | 870.2 | 724.6 | 433.3 | 214.8 |
| 107.5° | 1461.7 | 1471.2 | 1461.7 | 1452.2 | 1449.8 | 1240.1 | 960.5 | 820.7 | 692.3 | 435.4 | 242.8 |
| 110° | 1534.0 | 1575.1 | 1534.0 | 1493.0 | 1482.7 | 1248.3 | 935.8 | 779.5 | 663.7 | 432.2 | 258.5 |



TEST NUMBER: P934316

CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|--------|
| 112.5° | 1540.5 | 1603.5 | 1540.5 | 1477.5 | 1461.7 | 1221.8 | 901.9 | 742.0 | 638.8 | 432.3 | 277.4 |
| 115° | 1499.6 | 1587.0 | 1499.6 | 1412.2 | 1390.4 | 1159.3 | 851.2 | 697.1 | 610.2 | 436.3 | 305.9 |
| 117.5° | 1413.1 | 1510.0 | 1413.1 | 1316.1 | 1291.9 | 1083.3 | 805.2 | 666.1 | 592.2 | 444.4 | 333.5 |
| 120° | 1343.2 | 1437.4 | 1343.2 | 1249.0 | 1225.5 | 1034.9 | 780.8 | 653.8 | 586.2 | 451.0 | 349.6 |
| 122.5° | 1275.3 | 1368.2 | 1275.3 | 1182.4 | 1159.2 | 987.6 | 758.7 | 644.3 | 583.0 | 460.4 | 368.5 |
| 125° | 1178.3 | 1263.9 | 1178.3 | 1092.8 | 1071.4 | 925.6 | 731.2 | 634.0 | 580.4 | 473.2 | 392.8 |
| 127.5° | 1091.1 | 1163.3 | 1091.1 | 1018.9 | 1000.9 | 875.7 | 708.8 | 625.3 | 578.9 | 486.0 | 416.3 |
| 130° | 1039.7 | 1106.4 | 1039.7 | 973.0 | 956.3 | 844.9 | 696.3 | 622.0 | 579.8 | 495.3 | 432.0 |
| 132.5° | 993.1 | 1052.8 | 993.1 | 933.3 | 918.4 | 818.7 | 685.7 | 619.2 | 580.4 | 502.9 | 444.8 |
| 135° | 929.2 | 980.7 | 929.2 | 877.7 | 864.8 | 781.3 | 669.9 | 614.2 | 579.8 | 511.1 | 459.6 |
| 137.5° | 878.0 | 920.1 | 878.0 | 835.8 | 825.3 | 754.7 | 660.5 | 613.4 | 583.4 | 523.5 | 478.6 |
| 140° | 842.7 | 882.1 | 842.7 | 803.3 | 793.5 | 732.5 | 651.2 | 610.5 | 584.0 | 531.1 | 491.4 |
| 142.5° | 813.6 | 847.5 | 813.6 | 779.8 | 771.3 | 717.7 | 646.2 | 610.5 | 586.1 | 537.4 | 500.8 |
| 145° | 770.0 | 795.6 | 770.0 | 744.3 | 737.9 | 694.1 | 635.6 | 606.4 | 586.2 | 545.7 | 515.3 |
| 147.5° | 736.4 | 757.7 | 736.4 | 715.1 | 709.8 | 675.3 | 629.4 | 606.4 | 590.2 | 557.7 | 533.4 |
| 150° | 715.3 | 732.5 | 715.3 | 698.1 | 693.8 | 664.7 | 625.8 | 606.4 | 592.3 | 564.1 | 542.9 |
| 152.5° | 697.3 | 710.3 | 697.3 | 684.3 | 681.0 | 656.1 | 623.0 | 606.4 | 593.7 | 568.2 | 549.1 |
| 155° | 676.5 | 685.1 | 676.5 | 667.9 | 665.7 | 645.9 | 619.6 | 606.4 | 596.7 | 577.3 | 562.7 |
| 157.5° | 660.1 | 666.1 | 660.1 | 654.0 | 652.5 | 637.1 | 616.6 | 606.4 | 599.7 | 586.3 | 576.3 |
| 160° | 650.3 | 653.8 | 650.3 | 646.8 | 645.9 | 632.7 | 615.2 | 606.4 | 601.1 | 590.5 | 582.5 |
| 162.5° | 643.9 | 647.2 | 643.9 | 640.6 | 639.8 | 628.7 | 613.8 | 606.4 | 602.6 | 594.9 | 589.1 |
| 165° | 634.6 | 638.1 | 634.6 | 631.2 | 630.3 | 622.3 | 611.7 | 606.4 | 604.6 | 601.1 | 598.5 |
| 167.5° | 628.0 | 629.5 | 628.0 | 626.6 | 626.2 | 621.0 | 614.0 | 610.5 | 609.0 | 606.1 | 603.9 |
| 170° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 621.0 | 614.0 | 610.5 | 610.4 | 610.2 | 610.1 |
| 172.5° | 621.3 | 620.0 | 621.3 | 622.6 | 622.9 | 618.8 | 613.3 | 610.5 | 610.5 | 610.5 | 610.5 |
| 175° | 618.3 | 618.3 | 618.3 | 618.3 | 618.3 | 615.7 | 612.2 | 610.5 | 611.3 | 613.0 | 614.2 |
| 177.5° | 615.7 | 614.2 | 615.7 | 617.1 | 617.5 | 615.4 | 612.7 | 611.3 | 611.9 | 613.2 | 614.2 |
| 180° | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 |



TEST NUMBER: P934316

CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 |
| 2.5° | 2143.9 | 2131.9 | 2131.9 | 2111.9 | 2103.9 | 2097.9 | 2087.9 | 2057.9 | 2049.9 | 2041.9 | 2053.9 |
| 5° | 2161.9 | 2139.9 | 2123.9 | 2087.9 | 2057.9 | 2045.9 | 2007.9 | 1935.9 | 1887.9 | 1851.9 | 1831.9 |
| 7.5° | 2165.9 | 2137.9 | 2107.9 | 2051.9 | 1979.9 | 1947.9 | 1831.9 | 1699.9 | 1663.9 | 1631.9 | 1611.9 |
| 10° | 2161.9 | 2129.9 | 2087.9 | 2003.9 | 1833.9 | 1777.9 | 1661.9 | 1575.9 | 1553.9 | 1547.9 | 1553.9 |
| 12.5° | 2147.9 | 2117.9 | 2059.9 | 1919.9 | 1681.9 | 1643.9 | 1575.9 | 1525.9 | 1521.9 | 1531.9 | 1585.9 |
| 15° | 2123.9 | 2095.9 | 2027.9 | 1807.9 | 1597.9 | 1569.9 | 1521.9 | 1503.9 | 1525.9 | 1595.9 | 1757.9 |
| 17.5° | 2099.9 | 2067.9 | 1983.9 | 1697.9 | 1533.9 | 1513.9 | 1479.9 | 1515.9 | 1639.9 | 1733.9 | 1787.9 |
| 20° | 2067.9 | 2029.9 | 1933.9 | 1617.9 | 1487.9 | 1469.9 | 1453.9 | 1615.9 | 1709.9 | 1743.9 | 1773.9 |
| 22.5° | 2029.9 | 1989.9 | 1865.9 | 1561.9 | 1439.9 | 1425.9 | 1435.9 | 1671.9 | 1709.9 | 1733.9 | 1759.9 |
| 25° | 1979.9 | 1945.9 | 1785.9 | 1517.9 | 1401.9 | 1385.9 | 1423.9 | 1665.9 | 1687.9 | 1693.9 | 1745.9 |
| 27.5° | 1933.9 | 1889.9 | 1701.9 | 1477.9 | 1355.9 | 1349.9 | 1433.9 | 1639.9 | 1655.9 | 1661.9 | 1717.9 |
| 30° | 1877.9 | 1811.9 | 1607.9 | 1435.9 | 1307.9 | 1305.9 | 1435.9 | 1607.9 | 1603.9 | 1619.9 | 1675.9 |
| 32.5° | 1819.9 | 1695.9 | 1501.9 | 1383.9 | 1261.9 | 1259.9 | 1421.9 | 1559.9 | 1555.9 | 1577.9 | 1619.9 |
| 35° | 1765.9 | 1605.9 | 1357.9 | 1323.9 | 1203.9 | 1205.9 | 1387.9 | 1503.9 | 1505.9 | 1525.9 | 1551.9 |
| 37.5° | 1709.9 | 1527.9 | 1199.9 | 1257.9 | 1148.0 | 1148.0 | 1341.9 | 1451.9 | 1447.9 | 1453.9 | 1489.9 |
| 40° | 1643.9 | 1405.9 | 1060.0 | 1172.0 | 1096.0 | 1090.0 | 1285.9 | 1395.9 | 1381.9 | 1379.9 | 1429.9 |
| 42.5° | 1573.9 | 1271.9 | 956.0 | 1058.0 | 1036.0 | 1028.0 | 1217.9 | 1327.9 | 1301.9 | 1307.9 | 1371.9 |
| 45° | 1497.9 | 1235.9 | 876.0 | 894.0 | 974.0 | 968.0 | 1144.0 | 1249.9 | 1231.9 | 1247.9 | 1313.9 |
| 47.5° | 1421.9 | 1164.0 | 850.0 | 742.0 | 908.0 | 906.0 | 1062.0 | 1174.0 | 1164.0 | 1180.0 | 1249.9 |
| 50° | 1317.9 | 1084.0 | 848.0 | 636.0 | 834.0 | 842.0 | 964.0 | 1100.0 | 1100.0 | 1114.0 | 1188.0 |
| 52.5° | 1184.0 | 986.0 | 770.0 | 576.0 | 748.0 | 772.0 | 878.0 | 1036.0 | 1040.0 | 1054.0 | 1120.0 |
| 55° | 1062.0 | 884.0 | 714.0 | 530.0 | 646.0 | 698.0 | 794.0 | 970.0 | 978.0 | 992.0 | 1052.0 |
| 57.5° | 950.0 | 736.0 | 702.0 | 476.0 | 552.0 | 602.0 | 720.0 | 906.0 | 910.0 | 922.0 | 980.0 |
| 60° | 830.0 | 532.0 | 644.0 | 418.0 | 470.0 | 508.0 | 652.0 | 830.0 | 844.0 | 852.0 | 902.0 |
| 62.5° | 694.0 | 386.0 | 584.0 | 378.0 | 430.0 | 438.0 | 596.0 | 758.0 | 776.0 | 782.0 | 812.0 |
| 65° | 494.0 | 324.0 | 496.0 | 344.0 | 388.0 | 390.0 | 536.0 | 684.0 | 700.0 | 710.0 | 732.0 |
| 67.5° | 334.0 | 264.0 | 378.0 | 312.0 | 356.0 | 358.0 | 478.0 | 598.0 | 620.0 | 628.0 | 642.0 |
| 70° | 232.0 | 176.0 | 280.0 | 278.0 | 320.0 | 324.0 | 416.0 | 520.0 | 540.0 | 546.0 | 554.0 |
| 72.5° | 170.0 | 142.0 | 232.0 | 250.0 | 282.0 | 286.0 | 352.0 | 432.0 | 452.0 | 458.0 | 462.0 |
| 75° | 130.0 | 150.0 | 188.0 | 218.0 | 240.0 | 242.0 | 288.0 | 352.0 | 366.0 | 370.0 | 372.0 |
| 77.5° | 104.0 | 140.0 | 138.0 | 176.0 | 196.0 | 192.0 | 226.0 | 272.0 | 284.0 | 284.0 | 284.0 |
| 80° | 78.0 | 110.0 | 104.0 | 126.0 | 144.0 | 140.0 | 162.0 | 194.0 | 198.0 | 202.0 | 200.0 |
| 82.5° | 58.0 | 70.0 | 70.0 | 80.0 | 96.0 | 92.0 | 108.0 | 126.0 | 126.0 | 126.0 | 130.0 |
| 85° | 36.0 | 40.0 | 32.0 | 42.0 | 54.0 | 52.0 | 60.0 | 68.0 | 70.0 | 70.0 | 66.0 |
| 87.5° | 22.0 | 18.0 | 10.0 | 16.0 | 24.0 | 24.0 | 28.0 | 30.0 | 28.0 | 28.0 | 28.0 |
| 90° | 10.7 | 7.4 | 4.1 | 7.4 | 10.7 | 11.5 | 18.1 | 26.9 | 31.3 | 27.8 | 20.9 |
| 92.5° | 72.6 | 44.5 | 16.5 | 44.5 | 72.6 | 79.6 | 111.9 | 154.9 | 176.4 | 154.6 | 111.0 |
| 95° | 142.2 | 90.9 | 39.6 | 90.9 | 142.2 | 155.0 | 275.2 | 435.5 | 515.7 | 460.2 | 349.2 |
| 97.5° | 158.9 | 113.6 | 68.4 | 113.6 | 158.9 | 170.2 | 370.7 | 638.0 | 771.7 | 736.6 | 666.4 |
| 100° | 172.7 | 131.7 | 90.7 | 131.7 | 172.7 | 183.0 | 405.5 | 702.1 | 850.4 | 853.0 | 858.1 |
| 102.5° | 186.2 | 148.0 | 109.7 | 148.0 | 186.2 | 195.8 | 421.4 | 722.3 | 872.7 | 917.4 | 1006.8 |
| 105° | 206.7 | 174.2 | 141.8 | 174.2 | 206.7 | 214.8 | 433.3 | 724.6 | 870.2 | 970.4 | 1170.9 |
| 107.5° | 235.2 | 205.0 | 174.8 | 205.0 | 235.2 | 242.8 | 435.4 | 692.3 | 820.7 | 960.5 | 1240.1 |
| 110° | 251.7 | 224.3 | 197.0 | 224.3 | 251.7 | 258.5 | 432.2 | 663.7 | 779.5 | 935.8 | 1248.3 |



TEST NUMBER: P934316

CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| 112.5° | 270.9 | 244.9 | 218.9 | 244.9 | 270.9 | 277.4 | 432.3 | 638.8 | 742.0 | 901.9 | 1221.8 |
| 115° | 299.9 | 275.9 | 251.9 | 275.9 | 299.9 | 305.9 | 436.3 | 610.2 | 697.1 | 851.2 | 1159.3 |
| 117.5° | 328.0 | 306.2 | 284.4 | 306.2 | 328.0 | 333.5 | 444.4 | 592.2 | 666.1 | 805.2 | 1083.3 |
| 120° | 344.5 | 323.9 | 303.4 | 323.9 | 344.5 | 349.6 | 451.0 | 586.2 | 653.8 | 780.8 | 1034.9 |
| 122.5° | 363.3 | 342.6 | 321.9 | 342.6 | 363.3 | 368.5 | 460.4 | 583.0 | 644.3 | 758.7 | 987.6 |
| 125° | 388.1 | 369.2 | 350.4 | 369.2 | 388.1 | 392.8 | 473.2 | 580.4 | 634.0 | 731.2 | 925.6 |
| 127.5° | 411.5 | 392.5 | 373.5 | 392.5 | 411.5 | 416.3 | 486.0 | 578.9 | 625.3 | 708.8 | 875.7 |
| 130° | 426.9 | 406.3 | 385.8 | 406.3 | 426.9 | 432.0 | 495.3 | 579.8 | 622.0 | 696.3 | 844.9 |
| 132.5° | 439.7 | 419.1 | 398.6 | 419.1 | 439.7 | 444.8 | 502.9 | 580.4 | 619.2 | 685.7 | 818.7 |
| 135° | 454.9 | 436.3 | 417.6 | 436.3 | 454.9 | 459.6 | 511.1 | 579.8 | 614.2 | 669.9 | 781.3 |
| 137.5° | 474.0 | 455.5 | 437.0 | 455.5 | 474.0 | 478.6 | 523.5 | 583.4 | 613.4 | 660.5 | 754.7 |
| 140° | 487.1 | 470.1 | 453.0 | 470.1 | 487.1 | 491.4 | 531.1 | 584.0 | 610.5 | 651.2 | 732.5 |
| 142.5° | 496.9 | 481.1 | 465.4 | 481.1 | 496.9 | 500.8 | 537.4 | 586.1 | 610.5 | 646.2 | 717.7 |
| 145° | 511.9 | 498.1 | 484.4 | 498.1 | 511.9 | 515.3 | 545.7 | 586.2 | 606.4 | 635.6 | 694.1 |
| 147.5° | 530.1 | 516.7 | 503.3 | 516.7 | 530.1 | 533.4 | 557.7 | 590.2 | 606.4 | 629.4 | 675.3 |
| 150° | 539.9 | 527.8 | 515.7 | 527.8 | 539.9 | 542.9 | 564.1 | 592.3 | 606.4 | 625.8 | 664.7 |
| 152.5° | 546.8 | 537.7 | 528.5 | 537.7 | 546.8 | 549.1 | 568.2 | 593.7 | 606.4 | 623.0 | 656.1 |
| 155° | 561.0 | 554.2 | 547.4 | 554.2 | 561.0 | 562.7 | 577.3 | 596.7 | 606.4 | 619.6 | 645.9 |
| 157.5° | 574.6 | 568.0 | 561.4 | 568.0 | 574.6 | 576.3 | 586.3 | 599.7 | 606.4 | 616.6 | 637.1 |
| 160° | 581.2 | 576.1 | 570.9 | 576.1 | 581.2 | 582.5 | 590.5 | 601.1 | 606.4 | 615.2 | 632.7 |
| 162.5° | 588.1 | 584.3 | 580.4 | 584.3 | 588.1 | 589.1 | 594.9 | 602.6 | 606.4 | 613.8 | 628.7 |
| 165° | 597.6 | 594.2 | 590.7 | 594.2 | 597.6 | 598.5 | 601.1 | 604.6 | 606.4 | 611.7 | 622.3 |
| 167.5° | 603.5 | 601.8 | 600.2 | 601.8 | 603.5 | 603.9 | 606.1 | 609.0 | 610.5 | 614.0 | 621.0 |
| 170° | 609.7 | 608.0 | 606.4 | 608.0 | 609.7 | 610.1 | 610.2 | 610.4 | 610.5 | 614.0 | 621.0 |
| 172.5° | 610.4 | 610.1 | 609.7 | 610.1 | 610.4 | 610.5 | 610.5 | 610.5 | 610.5 | 613.3 | 618.8 |
| 175° | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 613.0 | 611.3 | 610.5 | 612.2 | 615.7 |
| 177.5° | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 613.2 | 611.9 | 611.3 | 612.7 | 615.4 |
| 180° | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 |



TEST NUMBER: P934316
 CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 |
| 2.5° | 2039.9 | 2033.9 | 2041.9 | 2019.9 | 2041.9 | 2033.9 | 2039.9 | 2053.9 | 2041.9 | 2049.9 | 2057.9 |
| 5° | 1789.9 | 1779.9 | 1747.9 | 1721.9 | 1747.9 | 1779.9 | 1789.9 | 1831.9 | 1851.9 | 1887.9 | 1935.9 |
| 7.5° | 1599.9 | 1591.9 | 1583.9 | 1567.9 | 1583.9 | 1591.9 | 1599.9 | 1611.9 | 1631.9 | 1663.9 | 1699.9 |
| 10° | 1557.9 | 1559.9 | 1571.9 | 1569.9 | 1571.9 | 1559.9 | 1557.9 | 1553.9 | 1547.9 | 1553.9 | 1575.9 |
| 12.5° | 1665.9 | 1683.9 | 1749.9 | 1745.9 | 1749.9 | 1683.9 | 1665.9 | 1585.9 | 1531.9 | 1521.9 | 1525.9 |
| 15° | 1789.9 | 1795.9 | 1809.9 | 1811.9 | 1809.9 | 1795.9 | 1789.9 | 1757.9 | 1595.9 | 1525.9 | 1503.9 |
| 17.5° | 1801.9 | 1803.9 | 1813.9 | 1813.9 | 1813.9 | 1803.9 | 1801.9 | 1787.9 | 1733.9 | 1639.9 | 1515.9 |
| 20° | 1791.9 | 1795.9 | 1815.9 | 1819.9 | 1815.9 | 1795.9 | 1791.9 | 1773.9 | 1743.9 | 1709.9 | 1615.9 |
| 22.5° | 1787.9 | 1795.9 | 1811.9 | 1809.9 | 1811.9 | 1795.9 | 1787.9 | 1759.9 | 1733.9 | 1709.9 | 1671.9 |
| 25° | 1767.9 | 1767.9 | 1769.9 | 1771.9 | 1769.9 | 1767.9 | 1767.9 | 1745.9 | 1693.9 | 1687.9 | 1665.9 |
| 27.5° | 1725.9 | 1729.9 | 1741.9 | 1739.9 | 1741.9 | 1729.9 | 1725.9 | 1717.9 | 1661.9 | 1655.9 | 1639.9 |
| 30° | 1687.9 | 1683.9 | 1673.9 | 1665.9 | 1673.9 | 1683.9 | 1687.9 | 1675.9 | 1619.9 | 1603.9 | 1607.9 |
| 32.5° | 1623.9 | 1613.9 | 1603.9 | 1597.9 | 1603.9 | 1613.9 | 1623.9 | 1619.9 | 1577.9 | 1555.9 | 1559.9 |
| 35° | 1547.9 | 1549.9 | 1547.9 | 1541.9 | 1547.9 | 1549.9 | 1547.9 | 1551.9 | 1525.9 | 1505.9 | 1503.9 |
| 37.5° | 1493.9 | 1497.9 | 1495.9 | 1487.9 | 1495.9 | 1497.9 | 1493.9 | 1489.9 | 1453.9 | 1447.9 | 1451.9 |
| 40° | 1437.9 | 1439.9 | 1437.9 | 1431.9 | 1437.9 | 1439.9 | 1437.9 | 1429.9 | 1379.9 | 1381.9 | 1395.9 |
| 42.5° | 1383.9 | 1381.9 | 1375.9 | 1371.9 | 1375.9 | 1381.9 | 1383.9 | 1371.9 | 1307.9 | 1301.9 | 1327.9 |
| 45° | 1321.9 | 1323.9 | 1311.9 | 1305.9 | 1311.9 | 1323.9 | 1321.9 | 1313.9 | 1247.9 | 1231.9 | 1249.9 |
| 47.5° | 1259.9 | 1259.9 | 1249.9 | 1243.9 | 1249.9 | 1259.9 | 1259.9 | 1249.9 | 1180.0 | 1164.0 | 1174.0 |
| 50° | 1193.9 | 1192.0 | 1178.0 | 1176.0 | 1178.0 | 1192.0 | 1193.9 | 1188.0 | 1114.0 | 1100.0 | 1100.0 |
| 52.5° | 1118.0 | 1118.0 | 1120.0 | 1124.0 | 1120.0 | 1118.0 | 1118.0 | 1120.0 | 1054.0 | 1040.0 | 1036.0 |
| 55° | 1052.0 | 1054.0 | 1068.0 | 1072.0 | 1068.0 | 1054.0 | 1052.0 | 1052.0 | 992.0 | 978.0 | 970.0 |
| 57.5° | 984.0 | 984.0 | 994.0 | 994.0 | 994.0 | 984.0 | 984.0 | 980.0 | 922.0 | 910.0 | 906.0 |
| 60° | 906.0 | 910.0 | 918.0 | 916.0 | 918.0 | 910.0 | 906.0 | 902.0 | 852.0 | 844.0 | 830.0 |
| 62.5° | 824.0 | 828.0 | 830.0 | 826.0 | 830.0 | 828.0 | 824.0 | 812.0 | 782.0 | 776.0 | 758.0 |
| 65° | 738.0 | 742.0 | 744.0 | 740.0 | 744.0 | 742.0 | 738.0 | 732.0 | 710.0 | 700.0 | 684.0 |
| 67.5° | 650.0 | 648.0 | 646.0 | 654.0 | 646.0 | 648.0 | 650.0 | 642.0 | 628.0 | 620.0 | 598.0 |
| 70° | 560.0 | 560.0 | 558.0 | 562.0 | 558.0 | 560.0 | 560.0 | 554.0 | 546.0 | 540.0 | 520.0 |
| 72.5° | 464.0 | 462.0 | 470.0 | 464.0 | 470.0 | 462.0 | 464.0 | 462.0 | 458.0 | 452.0 | 432.0 |
| 75° | 370.0 | 374.0 | 370.0 | 376.0 | 370.0 | 374.0 | 370.0 | 372.0 | 370.0 | 366.0 | 352.0 |
| 77.5° | 282.0 | 286.0 | 282.0 | 282.0 | 282.0 | 286.0 | 282.0 | 284.0 | 284.0 | 284.0 | 272.0 |
| 80° | 200.0 | 198.0 | 198.0 | 196.0 | 198.0 | 198.0 | 200.0 | 200.0 | 202.0 | 198.0 | 194.0 |
| 82.5° | 128.0 | 126.0 | 126.0 | 130.0 | 126.0 | 126.0 | 128.0 | 130.0 | 126.0 | 126.0 | 126.0 |
| 85° | 70.0 | 72.0 | 68.0 | 68.0 | 68.0 | 72.0 | 70.0 | 66.0 | 70.0 | 70.0 | 68.0 |
| 87.5° | 26.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 26.0 | 28.0 | 28.0 | 28.0 | 30.0 |
| 90° | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 20.9 | 27.8 | 31.3 | 26.9 |
| 92.5° | 78.3 | 75.2 | 62.7 | 50.3 | 62.7 | 75.2 | 78.3 | 111.0 | 154.6 | 176.4 | 154.9 |
| 95° | 265.9 | 256.5 | 218.7 | 181.0 | 218.7 | 256.5 | 265.9 | 349.2 | 460.2 | 515.7 | 435.5 |
| 97.5° | 613.8 | 595.8 | 524.0 | 452.2 | 524.0 | 595.8 | 613.8 | 666.4 | 736.6 | 771.7 | 638.0 |
| 100° | 861.9 | 840.5 | 755.0 | 669.4 | 755.0 | 840.5 | 861.9 | 858.1 | 853.0 | 850.4 | 702.1 |
| 102.5° | 1073.8 | 1055.5 | 982.2 | 908.9 | 982.2 | 1055.5 | 1073.8 | 1006.8 | 917.4 | 872.7 | 722.3 |
| 105° | 1321.2 | 1311.3 | 1271.9 | 1232.5 | 1271.9 | 1311.3 | 1321.2 | 1170.9 | 970.4 | 870.2 | 724.6 |
| 107.5° | 1449.8 | 1452.2 | 1461.7 | 1471.2 | 1461.7 | 1452.2 | 1449.8 | 1240.1 | 960.5 | 820.7 | 692.3 |
| 110° | 1482.7 | 1493.0 | 1534.0 | 1575.1 | 1534.0 | 1493.0 | 1482.7 | 1248.3 | 935.8 | 779.5 | 663.7 |



TEST NUMBER: P934316

CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1461.7 | 1477.5 | 1540.5 | 1603.5 | 1540.5 | 1477.5 | 1461.7 | 1221.8 | 901.9 | 742.0 | 638.8 |
| 115° | 1390.4 | 1412.2 | 1499.6 | 1587.0 | 1499.6 | 1412.2 | 1390.4 | 1159.3 | 851.2 | 697.1 | 610.2 |
| 117.5° | 1291.9 | 1316.1 | 1413.1 | 1510.0 | 1413.1 | 1316.1 | 1291.9 | 1083.3 | 805.2 | 666.1 | 592.2 |
| 120° | 1225.5 | 1249.0 | 1343.2 | 1437.4 | 1343.2 | 1249.0 | 1225.5 | 1034.9 | 780.8 | 653.8 | 586.2 |
| 122.5° | 1159.2 | 1182.4 | 1275.3 | 1368.2 | 1275.3 | 1182.4 | 1159.2 | 987.6 | 758.7 | 644.3 | 583.0 |
| 125° | 1071.4 | 1092.8 | 1178.3 | 1263.9 | 1178.3 | 1092.8 | 1071.4 | 925.6 | 731.2 | 634.0 | 580.4 |
| 127.5° | 1000.9 | 1018.9 | 1091.1 | 1163.3 | 1091.1 | 1018.9 | 1000.9 | 875.7 | 708.8 | 625.3 | 578.9 |
| 130° | 956.3 | 973.0 | 1039.7 | 1106.4 | 1039.7 | 973.0 | 956.3 | 844.9 | 696.3 | 622.0 | 579.8 |
| 132.5° | 918.4 | 933.3 | 993.1 | 1052.8 | 993.1 | 933.3 | 918.4 | 818.7 | 685.7 | 619.2 | 580.4 |
| 135° | 864.8 | 877.7 | 929.2 | 980.7 | 929.2 | 877.7 | 864.8 | 781.3 | 669.9 | 614.2 | 579.8 |
| 137.5° | 825.3 | 835.8 | 878.0 | 920.1 | 878.0 | 835.8 | 825.3 | 754.7 | 660.5 | 613.4 | 583.4 |
| 140° | 793.5 | 803.3 | 842.7 | 882.1 | 842.7 | 803.3 | 793.5 | 732.5 | 651.2 | 610.5 | 584.0 |
| 142.5° | 771.3 | 779.8 | 813.6 | 847.5 | 813.6 | 779.8 | 771.3 | 717.7 | 646.2 | 610.5 | 586.1 |
| 145° | 737.9 | 744.3 | 770.0 | 795.6 | 770.0 | 744.3 | 737.9 | 694.1 | 635.6 | 606.4 | 586.2 |
| 147.5° | 709.8 | 715.1 | 736.4 | 757.7 | 736.4 | 715.1 | 709.8 | 675.3 | 629.4 | 606.4 | 590.2 |
| 150° | 693.8 | 698.1 | 715.3 | 732.5 | 715.3 | 698.1 | 693.8 | 664.7 | 625.8 | 606.4 | 592.3 |
| 152.5° | 681.0 | 684.3 | 697.3 | 710.3 | 697.3 | 684.3 | 681.0 | 656.1 | 623.0 | 606.4 | 593.7 |
| 155° | 665.7 | 667.9 | 676.5 | 685.1 | 676.5 | 667.9 | 665.7 | 645.9 | 619.6 | 606.4 | 596.7 |
| 157.5° | 652.5 | 654.0 | 660.1 | 666.1 | 660.1 | 654.0 | 652.5 | 637.1 | 616.6 | 606.4 | 599.7 |
| 160° | 645.9 | 646.8 | 650.3 | 653.8 | 650.3 | 646.8 | 645.9 | 632.7 | 615.2 | 606.4 | 601.1 |
| 162.5° | 639.8 | 640.6 | 643.9 | 647.2 | 643.9 | 640.6 | 639.8 | 628.7 | 613.8 | 606.4 | 602.6 |
| 165° | 630.3 | 631.2 | 634.6 | 638.1 | 634.6 | 631.2 | 630.3 | 622.3 | 611.7 | 606.4 | 604.6 |
| 167.5° | 626.2 | 626.6 | 628.0 | 629.5 | 628.0 | 626.6 | 626.2 | 621.0 | 614.0 | 610.5 | 609.0 |
| 170° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 621.0 | 614.0 | 610.5 | 610.4 |
| 172.5° | 622.9 | 622.6 | 621.3 | 620.0 | 621.3 | 622.6 | 622.9 | 618.8 | 613.3 | 610.5 | 610.5 |
| 175° | 618.3 | 618.3 | 618.3 | 618.3 | 618.3 | 618.3 | 618.3 | 615.7 | 612.2 | 610.5 | 611.3 |
| 177.5° | 617.5 | 617.1 | 615.7 | 614.2 | 615.7 | 617.1 | 617.5 | 615.4 | 612.7 | 611.3 | 611.9 |
| 180° | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 |



TEST NUMBER: P934316

CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 2113.9 | 2113.9 | 2113.9 | 2113.9 | 2113.9 |
| 2.5° | 2087.9 | 2097.9 | 2103.9 | 2111.9 | 2131.9 |
| 5° | 2007.9 | 2045.9 | 2057.9 | 2087.9 | 2123.9 |
| 7.5° | 1831.9 | 1947.9 | 1979.9 | 2051.9 | 2107.9 |
| 10° | 1661.9 | 1777.9 | 1833.9 | 2003.9 | 2087.9 |
| 12.5° | 1575.9 | 1643.9 | 1681.9 | 1919.9 | 2059.9 |
| 15° | 1521.9 | 1569.9 | 1597.9 | 1807.9 | 2027.9 |
| 17.5° | 1479.9 | 1513.9 | 1533.9 | 1697.9 | 1983.9 |
| 20° | 1453.9 | 1469.9 | 1487.9 | 1617.9 | 1933.9 |
| 22.5° | 1435.9 | 1425.9 | 1439.9 | 1561.9 | 1865.9 |
| 25° | 1423.9 | 1385.9 | 1401.9 | 1517.9 | 1785.9 |
| 27.5° | 1433.9 | 1349.9 | 1355.9 | 1477.9 | 1701.9 |
| 30° | 1435.9 | 1305.9 | 1307.9 | 1435.9 | 1607.9 |
| 32.5° | 1421.9 | 1259.9 | 1261.9 | 1383.9 | 1501.9 |
| 35° | 1387.9 | 1205.9 | 1203.9 | 1323.9 | 1357.9 |
| 37.5° | 1341.9 | 1148.0 | 1148.0 | 1257.9 | 1199.9 |
| 40° | 1285.9 | 1090.0 | 1096.0 | 1172.0 | 1060.0 |
| 42.5° | 1217.9 | 1028.0 | 1036.0 | 1058.0 | 956.0 |
| 45° | 1144.0 | 968.0 | 974.0 | 894.0 | 876.0 |
| 47.5° | 1062.0 | 906.0 | 908.0 | 742.0 | 850.0 |
| 50° | 964.0 | 842.0 | 834.0 | 636.0 | 848.0 |
| 52.5° | 878.0 | 772.0 | 748.0 | 576.0 | 770.0 |
| 55° | 794.0 | 698.0 | 646.0 | 530.0 | 714.0 |
| 57.5° | 720.0 | 602.0 | 552.0 | 476.0 | 702.0 |
| 60° | 652.0 | 508.0 | 470.0 | 418.0 | 644.0 |
| 62.5° | 596.0 | 438.0 | 430.0 | 378.0 | 584.0 |
| 65° | 536.0 | 390.0 | 388.0 | 344.0 | 496.0 |
| 67.5° | 478.0 | 358.0 | 356.0 | 312.0 | 378.0 |
| 70° | 416.0 | 324.0 | 320.0 | 278.0 | 280.0 |
| 72.5° | 352.0 | 286.0 | 282.0 | 250.0 | 232.0 |
| 75° | 288.0 | 242.0 | 240.0 | 218.0 | 188.0 |
| 77.5° | 226.0 | 192.0 | 196.0 | 176.0 | 138.0 |
| 80° | 162.0 | 140.0 | 144.0 | 126.0 | 104.0 |
| 82.5° | 108.0 | 92.0 | 96.0 | 80.0 | 70.0 |
| 85° | 60.0 | 52.0 | 54.0 | 42.0 | 32.0 |
| 87.5° | 28.0 | 24.0 | 24.0 | 16.0 | 10.0 |
| 90° | 18.1 | 11.5 | 10.7 | 7.4 | 4.1 |
| 92.5° | 111.9 | 79.6 | 72.6 | 44.5 | 16.5 |
| 95° | 275.2 | 155.0 | 142.2 | 90.9 | 39.6 |
| 97.5° | 370.7 | 170.2 | 158.9 | 113.6 | 68.4 |
| 100° | 405.5 | 183.0 | 172.7 | 131.7 | 90.7 |
| 102.5° | 421.4 | 195.8 | 186.2 | 148.0 | 109.7 |
| 105° | 433.3 | 214.8 | 206.7 | 174.2 | 141.8 |
| 107.5° | 435.4 | 242.8 | 235.2 | 205.0 | 174.8 |
| 110° | 432.2 | 258.5 | 251.7 | 224.3 | 197.0 |



TEST NUMBER: P934316

CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 432.3 | 277.4 | 270.9 | 244.9 | 218.9 |
| 115° | 436.3 | 305.9 | 299.9 | 275.9 | 251.9 |
| 117.5° | 444.4 | 333.5 | 328.0 | 306.2 | 284.4 |
| 120° | 451.0 | 349.6 | 344.5 | 323.9 | 303.4 |
| 122.5° | 460.4 | 368.5 | 363.3 | 342.6 | 321.9 |
| 125° | 473.2 | 392.8 | 388.1 | 369.2 | 350.4 |
| 127.5° | 486.0 | 416.3 | 411.5 | 392.5 | 373.5 |
| 130° | 495.3 | 432.0 | 426.9 | 406.3 | 385.8 |
| 132.5° | 502.9 | 444.8 | 439.7 | 419.1 | 398.6 |
| 135° | 511.1 | 459.6 | 454.9 | 436.3 | 417.6 |
| 137.5° | 523.5 | 478.6 | 474.0 | 455.5 | 437.0 |
| 140° | 531.1 | 491.4 | 487.1 | 470.1 | 453.0 |
| 142.5° | 537.4 | 500.8 | 496.9 | 481.1 | 465.4 |
| 145° | 545.7 | 515.3 | 511.9 | 498.1 | 484.4 |
| 147.5° | 557.7 | 533.4 | 530.1 | 516.7 | 503.3 |
| 150° | 564.1 | 542.9 | 539.9 | 527.8 | 515.7 |
| 152.5° | 568.2 | 549.1 | 546.8 | 537.7 | 528.5 |
| 155° | 577.3 | 562.7 | 561.0 | 554.2 | 547.4 |
| 157.5° | 586.3 | 576.3 | 574.6 | 568.0 | 561.4 |
| 160° | 590.5 | 582.5 | 581.2 | 576.1 | 570.9 |
| 162.5° | 594.9 | 589.1 | 588.1 | 584.3 | 580.4 |
| 165° | 601.1 | 598.5 | 597.6 | 594.2 | 590.7 |
| 167.5° | 606.1 | 603.9 | 603.5 | 601.8 | 600.2 |
| 170° | 610.2 | 610.1 | 609.7 | 608.0 | 606.4 |
| 172.5° | 610.5 | 610.5 | 610.4 | 610.1 | 609.7 |
| 175° | 613.0 | 614.2 | 614.2 | 614.2 | 614.2 |
| 177.5° | 613.2 | 614.2 | 614.2 | 614.2 | 614.2 |
| 180° | 614.2 | 614.2 | 614.2 | 614.2 | 614.2 |



TEST NUMBER: P934316
 CATALOG NUMBER: SQ4-FA-050U-075D-835-1D-UNV-STD-W-8

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 13.44 | 14.38 | 14.33 | 15.29 | 16.44 | 16.28 | 17.22 | 17.17 | 18.12 | 19.28 |
| | 3H | 13.92 | 14.77 | 14.82 | 15.68 | 16.86 | 17.63 | 18.47 | 18.53 | 19.39 | 20.57 |
| | 4H | 14.12 | 14.91 | 15.03 | 15.84 | 17.02 | 18.08 | 18.88 | 19.00 | 19.80 | 20.99 |
| | 6H | 14.24 | 14.97 | 15.17 | 15.90 | 17.10 | 18.37 | 19.11 | 19.30 | 20.03 | 21.23 |
| | 8H | 14.25 | 14.94 | 15.18 | 15.89 | 17.09 | 18.45 | 19.15 | 19.38 | 20.09 | 21.29 |
| | 12H | 14.22 | 14.88 | 15.16 | 15.82 | 17.05 | 18.49 | 19.16 | 19.43 | 20.10 | 21.32 |
| 4H | 2H | 14.49 | 15.28 | 15.40 | 16.20 | 17.39 | 16.70 | 17.49 | 17.62 | 18.41 | 19.60 |
| | 3H | 15.52 | 16.18 | 16.45 | 17.13 | 18.34 | 18.21 | 18.88 | 19.14 | 19.83 | 21.03 |
| | 4H | 15.80 | 16.40 | 16.74 | 17.35 | 18.58 | 18.75 | 19.35 | 19.69 | 20.30 | 21.52 |
| | 6H | 15.93 | 16.45 | 16.88 | 17.42 | 18.65 | 19.12 | 19.64 | 20.07 | 20.61 | 21.84 |
| | 8H | 15.94 | 16.42 | 16.89 | 17.39 | 18.63 | 19.23 | 19.71 | 20.18 | 20.68 | 21.92 |
| | 12H | 15.91 | 16.35 | 16.88 | 17.33 | 18.57 | 19.29 | 19.73 | 20.26 | 20.71 | 21.96 |
| 8H | 4H | 16.26 | 16.75 | 17.22 | 17.71 | 18.95 | 18.88 | 19.36 | 19.83 | 20.33 | 21.57 |
| | 6H | 16.52 | 16.93 | 17.51 | 17.93 | 19.17 | 19.32 | 19.72 | 20.30 | 20.73 | 21.97 |
| | 8H | 16.57 | 16.92 | 17.56 | 17.92 | 19.18 | 19.47 | 19.83 | 20.46 | 20.82 | 22.08 |
| | 12H | 16.56 | 16.87 | 17.55 | 17.86 | 19.16 | 19.58 | 19.89 | 20.57 | 20.88 | 22.18 |
| 12H | 4H | 16.27 | 16.71 | 17.25 | 17.69 | 18.94 | 18.84 | 19.28 | 19.82 | 20.27 | 21.51 |
| | 6H | 16.59 | 16.94 | 17.58 | 17.94 | 19.20 | 19.32 | 19.67 | 20.31 | 20.67 | 21.93 |
| | 8H | 16.66 | 16.97 | 17.65 | 17.96 | 19.26 | 19.48 | 19.79 | 20.48 | 20.78 | 22.09 |