

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: P935024

Luminaire Tested: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935024
REPORT IS A COMBINATION OF REPORTS P933740 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

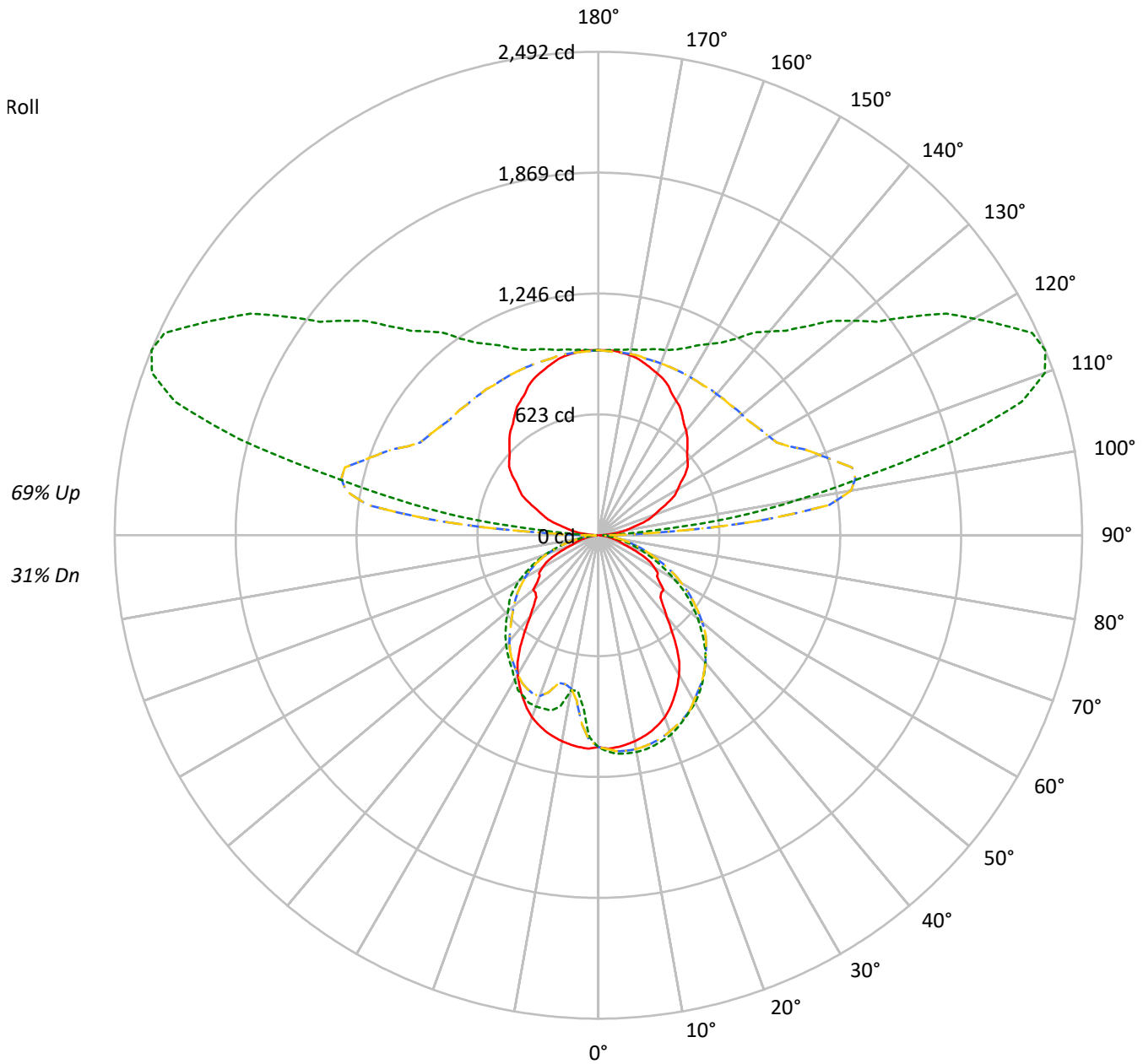
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9021.3 lumens
Efficiency: N/A
Efficacy: 109.5 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: Semi-Indirect

Input Watts (W): 82.4
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: P935024
CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

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 | 103 | 103 | 103 | 103 | 92 | 92 | 92 | 92 | 73 | 73 | 73 | 55 | 55 | 55 | 39 | 39 | 39 | 39 | 39 | 39 | 31 |
| 1 | 94 | 89 | 86 | 82 | 84 | 81 | 77 | 75 | 64 | 62 | 60 | 49 | 47 | 46 | 35 | 34 | 33 | 35 | 34 | 33 | 27 |
| 2 | 85 | 78 | 72 | 67 | 76 | 70 | 65 | 61 | 56 | 53 | 50 | 43 | 40 | 38 | 30 | 29 | 28 | 30 | 29 | 28 | 22 |
| 3 | 78 | 69 | 62 | 56 | 70 | 62 | 56 | 51 | 49 | 45 | 42 | 38 | 35 | 32 | 27 | 25 | 24 | 27 | 25 | 24 | 19 |
| 4 | 71 | 61 | 53 | 47 | 64 | 55 | 48 | 43 | 44 | 39 | 35 | 34 | 30 | 28 | 24 | 22 | 20 | 24 | 22 | 20 | 16 |
| 5 | 65 | 54 | 46 | 40 | 58 | 49 | 42 | 37 | 39 | 34 | 30 | 30 | 27 | 24 | 22 | 19 | 18 | 22 | 19 | 18 | 14 |
| 6 | 60 | 48 | 40 | 35 | 54 | 44 | 37 | 32 | 35 | 30 | 26 | 27 | 24 | 21 | 20 | 17 | 15 | 20 | 17 | 15 | 12 |
| 7 | 55 | 43 | 36 | 30 | 49 | 39 | 33 | 28 | 32 | 27 | 23 | 25 | 21 | 18 | 18 | 15 | 14 | 18 | 15 | 14 | 11 |
| 8 | 51 | 39 | 32 | 27 | 46 | 36 | 29 | 24 | 29 | 24 | 20 | 22 | 19 | 16 | 16 | 14 | 12 | 16 | 14 | 12 | 10 |
| 9 | 47 | 36 | 28 | 23 | 43 | 32 | 26 | 22 | 26 | 21 | 18 | 20 | 17 | 15 | 15 | 13 | 11 | 15 | 13 | 11 | 9 |
| 10 | 44 | 33 | 26 | 21 | 40 | 30 | 23 | 19 | 24 | 19 | 16 | 19 | 15 | 13 | 14 | 12 | 10 | 14 | 12 | 10 | 8 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 5065 | 5065 | 5065 | 5065 |
| 5° | 5103 | 5113 | 5103 | 4020 |
| 10° | 5068 | 5037 | 5068 | 3600 |
| 15° | 5014 | 4927 | 5014 | 4114 |
| 20° | 4909 | 4798 | 4909 | 4123 |
| 25° | 4694 | 4609 | 4694 | 4036 |
| 30° | 4417 | 4453 | 4417 | 3844 |
| 35° | 3937 | 4255 | 3937 | 3633 |
| 40° | 3281 | 4022 | 3281 | 3474 |
| 45° | 2932 | 3749 | 2932 | 3290 |
| 50° | 3114 | 3424 | 3114 | 3107 |
| 55° | 2930 | 3073 | 2930 | 3000 |
| 60° | 3021 | 2610 | 3021 | 2748 |
| 65° | 2738 | 2158 | 2738 | 2412 |
| 70° | 1896 | 1720 | 1896 | 2021 |
| 75° | 1663 | 1271 | 1663 | 1522 |
| 80° | 1340 | 840 | 1340 | 915 |
| 85° | 773 | 445 | 773 | 378 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 4493 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 98.5 | 1.1 |
| 10°-20° | 279.8 | 3.1 |
| 20°-30° | 432.5 | 4.8 |
| 30°-40° | 516.3 | 5.7 |
| 40°-50° | 519.3 | 5.8 |
| 50°-60° | 451.9 | 5.0 |
| 60°-70° | 320.4 | 3.6 |
| 70°-80° | 169.5 | 1.9 |
| 80°-90° | 45.9 | 0.5 |
| 90°-100° | 465.3 | 5.2 |
| 100°-110° | 1223.1 | 13.6 |
| 110°-120° | 1268.3 | 14.1 |
| 120°-130° | 1017.3 | 11.3 |
| 130°-140° | 798.2 | 8.8 |
| 140°-150° | 612.7 | 6.8 |
| 150°-160° | 441.2 | 4.9 |
| 160°-170° | 270.0 | 3.0 |
| 170°-180° | 91.2 | 1.0 |
| 0°-30° | 810.8 | 9.0 |
| 0°-40° | 1327.2 | 14.7 |
| 0°-60° | 2298.4 | 25.5 |
| 0°-90° | 2834.2 | 31.4 |
| 90°-120° | 2956.6 | 32.8 |
| 90°-150° | 5384.8 | 59.7 |
| 90°-180° | 6187.0 | 68.6 |
| 0°-180° | 9021.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1092 | 1092 | 1092 | 1092 | 1092 | |
| 5° | 1097 | 1131 | 1097 | 889 | 1097 | 104 |
| 15° | 1047 | 1121 | 1047 | 936 | 1047 | 295 |
| 25° | 922 | 1045 | 922 | 915 | 922 | 423 |
| 35° | 701 | 933 | 701 | 796 | 701 | 434 |
| 45° | 452 | 768 | 452 | 674 | 452 | 362 |
| 55° | 369 | 567 | 369 | 554 | 369 | 339 |
| 65° | 256 | 342 | 256 | 382 | 256 | 245 |
| 75° | 97 | 162 | 97 | 194 | 97 | 102 |
| 85° | 17 | 41 | 17 | 35 | 17 | 22 |
| 90° | 6 | 24 | 6 | 24 | 6 | 6 |
| 95° | 62 | 281 | 62 | 281 | 62 | 68 |
| 105° | 220 | 1915 | 220 | 1915 | 220 | 234 |
| 115° | 391 | 2466 | 391 | 2466 | 391 | 387 |
| 125° | 544 | 1964 | 544 | 1964 | 544 | 483 |
| 135° | 649 | 1524 | 649 | 1524 | 649 | 502 |
| 145° | 753 | 1236 | 753 | 1236 | 753 | 472 |
| 155° | 851 | 1065 | 851 | 1065 | 851 | 391 |
| 165° | 918 | 992 | 918 | 992 | 918 | 259 |
| 175° | 954 | 961 | 954 | 961 | 954 | 91 |
| 180° | 954 | 954 | 954 | 954 | 954 | |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 |
| 2.5° | 1100.9 | 1100.9 | 1107.2 | 1109.3 | 1109.3 | 1106.1 | 1103.0 | 1106.1 | 1115.4 | 1118.5 | 1117.5 |
| 5° | 1096.9 | 1105.1 | 1116.5 | 1118.5 | 1120.6 | 1119.6 | 1117.5 | 1119.6 | 1129.9 | 1132.0 | 1133.0 |
| 7.5° | 1088.5 | 1104.1 | 1118.5 | 1121.7 | 1124.7 | 1121.7 | 1120.6 | 1122.7 | 1133.0 | 1135.1 | 1135.1 |
| 10° | 1078.2 | 1099.9 | 1116.5 | 1118.5 | 1121.7 | 1118.5 | 1118.5 | 1122.7 | 1133.0 | 1135.1 | 1136.1 |
| 12.5° | 1063.8 | 1093.7 | 1109.3 | 1111.3 | 1115.4 | 1114.4 | 1113.3 | 1117.5 | 1127.8 | 1129.9 | 1129.9 |
| 15° | 1047.3 | 1082.4 | 1096.9 | 1098.9 | 1106.1 | 1104.1 | 1104.1 | 1108.2 | 1119.6 | 1122.7 | 1121.7 |
| 17.5° | 1024.6 | 1067.9 | 1084.5 | 1087.5 | 1092.7 | 1091.7 | 1092.7 | 1096.9 | 1107.2 | 1109.3 | 1110.3 |
| 20° | 998.7 | 1048.3 | 1067.9 | 1071.0 | 1076.2 | 1076.2 | 1076.2 | 1081.3 | 1091.7 | 1095.8 | 1095.8 |
| 22.5° | 963.6 | 1027.6 | 1048.3 | 1050.4 | 1056.6 | 1056.6 | 1058.6 | 1065.8 | 1075.2 | 1076.2 | 1076.2 |
| 25° | 922.3 | 1004.9 | 1022.5 | 1028.6 | 1034.9 | 1038.0 | 1041.0 | 1045.2 | 1048.3 | 1047.3 | 1048.3 |
| 27.5° | 879.0 | 976.0 | 998.7 | 1002.8 | 1011.1 | 1014.2 | 1018.3 | 1019.4 | 1020.4 | 1023.5 | 1021.5 |
| 30° | 830.4 | 935.7 | 969.8 | 974.0 | 987.4 | 989.4 | 985.3 | 987.4 | 992.5 | 994.6 | 996.7 |
| 32.5° | 775.6 | 875.8 | 939.9 | 949.2 | 961.6 | 955.3 | 954.3 | 957.4 | 965.7 | 965.7 | 967.7 |
| 35° | 701.2 | 829.4 | 912.0 | 920.2 | 929.5 | 922.3 | 926.5 | 927.5 | 932.6 | 935.7 | 934.7 |
| 37.5° | 619.7 | 789.1 | 883.0 | 889.3 | 896.5 | 887.2 | 893.4 | 896.5 | 900.6 | 898.5 | 898.5 |
| 40° | 547.4 | 726.0 | 849.0 | 853.1 | 859.3 | 852.1 | 858.2 | 860.3 | 862.4 | 860.3 | 859.3 |
| 42.5° | 493.6 | 656.9 | 812.8 | 818.0 | 813.8 | 819.0 | 821.1 | 825.2 | 822.1 | 818.0 | 818.0 |
| 45° | 452.4 | 638.3 | 773.5 | 779.8 | 773.5 | 781.9 | 784.9 | 784.9 | 775.6 | 773.5 | 772.5 |
| 47.5° | 439.0 | 601.1 | 734.3 | 734.3 | 731.2 | 741.6 | 746.7 | 739.5 | 730.2 | 727.1 | 727.1 |
| 50° | 437.9 | 559.8 | 680.6 | 676.5 | 690.9 | 703.3 | 698.2 | 690.9 | 683.7 | 672.4 | 672.4 |
| 52.5° | 397.6 | 509.2 | 611.5 | 626.9 | 649.6 | 656.9 | 648.6 | 641.4 | 629.0 | 623.8 | 619.7 |
| 55° | 368.7 | 456.5 | 548.4 | 579.4 | 603.1 | 612.5 | 597.0 | 589.7 | 571.1 | 568.0 | 566.0 |
| 57.5° | 362.5 | 380.1 | 490.6 | 529.8 | 558.7 | 557.7 | 548.4 | 535.0 | 519.5 | 516.4 | 515.4 |
| 60° | 332.6 | 274.7 | 428.6 | 475.1 | 505.0 | 502.0 | 493.6 | 481.2 | 466.9 | 464.8 | 462.7 |
| 62.5° | 301.6 | 199.4 | 358.4 | 411.0 | 453.4 | 452.4 | 445.1 | 426.6 | 416.2 | 411.0 | 406.9 |
| 65° | 256.1 | 167.3 | 255.1 | 341.9 | 402.8 | 404.9 | 389.4 | 375.9 | 364.6 | 358.4 | 357.4 |
| 67.5° | 195.2 | 136.4 | 172.5 | 285.1 | 354.3 | 352.2 | 332.6 | 326.4 | 311.9 | 308.8 | 302.6 |
| 70° | 144.6 | 90.9 | 119.8 | 231.4 | 306.8 | 301.6 | 286.1 | 278.9 | 265.4 | 258.2 | 254.1 |
| 72.5° | 119.8 | 73.3 | 87.8 | 179.7 | 258.2 | 252.0 | 238.5 | 230.3 | 219.0 | 212.8 | 208.6 |
| 75° | 97.1 | 77.5 | 67.1 | 133.2 | 209.7 | 205.5 | 193.1 | 184.9 | 175.6 | 167.3 | 168.3 |
| 77.5° | 71.3 | 72.3 | 53.7 | 98.1 | 166.3 | 160.1 | 152.8 | 142.5 | 138.4 | 130.1 | 130.1 |
| 80° | 53.7 | 56.8 | 40.3 | 67.1 | 119.8 | 119.8 | 113.6 | 106.4 | 99.2 | 95.0 | 95.0 |
| 82.5° | 36.1 | 36.1 | 30.0 | 42.4 | 81.6 | 78.5 | 74.4 | 72.3 | 68.1 | 66.1 | 66.1 |
| 85° | 16.6 | 20.6 | 18.6 | 25.8 | 44.4 | 46.5 | 46.5 | 44.4 | 43.4 | 41.3 | 42.4 |
| 87.5° | 5.2 | 9.3 | 11.4 | 14.5 | 22.7 | 23.8 | 24.8 | 24.8 | 24.8 | 25.8 | 25.8 |
| 90° | 6.4 | 11.6 | 16.6 | 17.9 | 28.2 | 41.8 | 48.7 | 43.3 | 32.4 | 24.3 | 24.3 |
| 92.5° | 25.6 | 69.2 | 112.8 | 123.7 | 173.8 | 240.7 | 274.1 | 240.2 | 172.6 | 121.7 | 116.9 |
| 95° | 61.5 | 141.2 | 220.9 | 240.9 | 427.7 | 676.8 | 801.3 | 715.1 | 542.5 | 413.2 | 398.6 |
| 97.5° | 106.3 | 176.6 | 247.0 | 264.6 | 576.1 | 991.5 | 1199.1 | 1144.6 | 1035.6 | 953.8 | 925.9 |
| 100° | 140.9 | 204.7 | 268.5 | 284.4 | 630.1 | 1091.0 | 1321.5 | 1325.5 | 1333.4 | 1339.4 | 1306.2 |
| 102.5° | 170.4 | 229.8 | 289.4 | 304.2 | 654.8 | 1122.3 | 1356.0 | 1425.5 | 1564.5 | 1668.7 | 1640.2 |
| 105° | 220.4 | 270.7 | 321.1 | 333.7 | 673.2 | 1125.9 | 1352.2 | 1507.9 | 1819.4 | 2053.0 | 2037.7 |
| 107.5° | 271.6 | 318.5 | 365.5 | 377.3 | 676.7 | 1075.8 | 1275.4 | 1492.6 | 1927.0 | 2252.8 | 2256.5 |
| 110° | 306.2 | 348.6 | 391.0 | 401.6 | 671.5 | 1031.3 | 1211.3 | 1454.1 | 1939.8 | 2304.1 | 2320.0 |



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CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 340.1 | 380.5 | 421.0 | 431.1 | 671.7 | 992.6 | 1153.0 | 1401.6 | 1898.6 | 2271.4 | 2295.9 |
| 115° | 391.4 | 428.7 | 466.0 | 475.3 | 677.9 | 948.1 | 1083.2 | 1322.6 | 1801.5 | 2160.6 | 2194.6 |
| 117.5° | 442.0 | 475.9 | 509.7 | 518.2 | 690.5 | 920.2 | 1035.1 | 1251.2 | 1683.4 | 2007.5 | 2045.1 |
| 120° | 471.5 | 503.3 | 535.2 | 543.2 | 700.8 | 910.9 | 1015.9 | 1213.4 | 1608.2 | 1904.4 | 1940.9 |
| 122.5° | 500.3 | 532.5 | 564.6 | 572.6 | 715.5 | 905.9 | 1001.2 | 1178.9 | 1534.5 | 1801.3 | 1837.4 |
| 125° | 544.5 | 573.8 | 603.1 | 610.5 | 735.4 | 901.9 | 985.1 | 1136.2 | 1438.3 | 1664.8 | 1698.1 |
| 127.5° | 580.3 | 609.9 | 639.6 | 647.0 | 755.2 | 899.6 | 971.7 | 1101.4 | 1360.7 | 1555.2 | 1583.3 |
| 130° | 599.5 | 631.4 | 663.3 | 671.3 | 769.7 | 901.0 | 966.6 | 1082.0 | 1312.9 | 1486.1 | 1512.0 |
| 132.5° | 619.4 | 651.3 | 683.1 | 691.2 | 781.5 | 901.9 | 962.1 | 1065.4 | 1272.1 | 1427.1 | 1450.3 |
| 135° | 648.9 | 677.9 | 707.0 | 714.3 | 794.3 | 901.1 | 954.4 | 1041.0 | 1214.1 | 1343.9 | 1363.9 |
| 137.5° | 679.0 | 707.7 | 736.5 | 743.7 | 813.5 | 906.6 | 953.1 | 1026.3 | 1172.6 | 1282.4 | 1298.8 |
| 140° | 703.9 | 730.4 | 756.9 | 763.5 | 825.2 | 907.5 | 948.6 | 1011.9 | 1138.3 | 1233.1 | 1248.4 |
| 142.5° | 723.2 | 747.7 | 772.2 | 778.2 | 835.1 | 910.8 | 948.6 | 1004.2 | 1115.2 | 1198.5 | 1211.7 |
| 145° | 752.7 | 774.0 | 795.4 | 800.7 | 847.9 | 910.8 | 942.2 | 987.7 | 1078.5 | 1146.6 | 1156.5 |
| 147.5° | 782.1 | 802.9 | 823.7 | 828.9 | 866.7 | 917.1 | 942.2 | 978.0 | 1049.4 | 1103.0 | 1111.3 |
| 150° | 801.3 | 820.1 | 838.9 | 843.6 | 876.5 | 920.3 | 942.2 | 972.4 | 1032.8 | 1078.1 | 1084.8 |
| 152.5° | 821.2 | 835.4 | 849.7 | 853.2 | 882.9 | 922.5 | 942.2 | 968.0 | 1019.6 | 1058.2 | 1063.3 |
| 155° | 850.6 | 861.2 | 871.7 | 874.3 | 897.0 | 927.2 | 942.2 | 962.7 | 1003.8 | 1034.5 | 1037.8 |
| 157.5° | 872.4 | 882.7 | 893.0 | 895.5 | 911.1 | 931.9 | 942.2 | 958.2 | 990.1 | 1014.0 | 1016.3 |
| 160° | 887.2 | 895.2 | 903.1 | 905.1 | 917.5 | 934.0 | 942.2 | 956.0 | 983.3 | 1003.8 | 1005.2 |
| 162.5° | 901.9 | 907.9 | 913.9 | 915.4 | 924.3 | 936.2 | 942.2 | 953.8 | 976.8 | 994.1 | 995.5 |
| 165° | 917.9 | 923.3 | 928.7 | 930.1 | 934.2 | 939.6 | 942.2 | 950.5 | 967.0 | 979.4 | 980.8 |
| 167.5° | 932.6 | 935.2 | 937.8 | 938.4 | 941.8 | 946.3 | 948.6 | 954.0 | 964.9 | 973.0 | 973.5 |
| 170° | 942.2 | 944.8 | 947.4 | 948.0 | 948.3 | 948.5 | 948.6 | 954.0 | 964.9 | 973.0 | 973.0 |
| 172.5° | 947.4 | 947.9 | 948.5 | 948.6 | 948.6 | 948.6 | 948.6 | 953.0 | 961.5 | 967.9 | 967.4 |
| 175° | 954.4 | 954.4 | 954.4 | 954.4 | 952.5 | 949.9 | 948.6 | 951.3 | 956.7 | 960.8 | 960.8 |
| 177.5° | 954.4 | 954.4 | 954.4 | 954.4 | 953.0 | 951.0 | 949.9 | 952.1 | 956.3 | 959.6 | 959.0 |
| 180° | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 |
| 2.5° | 1119.6 | 1116.5 | 1119.6 | 1117.5 | 1118.5 | 1115.4 | 1106.1 | 1103.0 | 1106.1 | 1109.3 | 1109.3 |
| 5° | 1133.0 | 1130.9 | 1133.0 | 1133.0 | 1132.0 | 1129.9 | 1119.6 | 1117.5 | 1119.6 | 1120.6 | 1118.5 |
| 7.5° | 1137.1 | 1134.1 | 1137.1 | 1135.1 | 1135.1 | 1133.0 | 1122.7 | 1120.6 | 1121.7 | 1124.7 | 1121.7 |
| 10° | 1137.1 | 1134.1 | 1137.1 | 1136.1 | 1135.1 | 1133.0 | 1122.7 | 1118.5 | 1118.5 | 1121.7 | 1118.5 |
| 12.5° | 1132.0 | 1129.9 | 1132.0 | 1129.9 | 1129.9 | 1127.8 | 1117.5 | 1113.3 | 1114.4 | 1115.4 | 1111.3 |
| 15° | 1123.7 | 1120.6 | 1123.7 | 1121.7 | 1122.7 | 1119.6 | 1108.2 | 1104.1 | 1104.1 | 1106.1 | 1098.9 |
| 17.5° | 1111.3 | 1107.2 | 1111.3 | 1110.3 | 1109.3 | 1107.2 | 1096.9 | 1092.7 | 1091.7 | 1092.7 | 1087.5 |
| 20° | 1096.9 | 1093.7 | 1096.9 | 1095.8 | 1095.8 | 1091.7 | 1081.3 | 1076.2 | 1076.2 | 1076.2 | 1071.0 |
| 22.5° | 1074.2 | 1071.0 | 1074.2 | 1076.2 | 1076.2 | 1075.2 | 1065.8 | 1058.6 | 1056.6 | 1056.6 | 1050.4 |
| 25° | 1048.3 | 1045.2 | 1048.3 | 1048.3 | 1047.3 | 1048.3 | 1045.2 | 1041.0 | 1038.0 | 1034.9 | 1028.6 |
| 27.5° | 1023.5 | 1021.5 | 1023.5 | 1021.5 | 1023.5 | 1020.4 | 1019.4 | 1018.3 | 1014.2 | 1011.1 | 1002.8 |
| 30° | 998.7 | 996.7 | 998.7 | 996.7 | 994.6 | 992.5 | 987.4 | 985.3 | 989.4 | 987.4 | 974.0 |
| 32.5° | 967.7 | 965.7 | 967.7 | 967.7 | 965.7 | 965.7 | 957.4 | 954.3 | 955.3 | 961.6 | 949.2 |
| 35° | 935.7 | 932.6 | 935.7 | 934.7 | 935.7 | 932.6 | 927.5 | 926.5 | 922.3 | 929.5 | 920.2 |
| 37.5° | 898.5 | 895.4 | 898.5 | 898.5 | 898.5 | 900.6 | 896.5 | 893.4 | 887.2 | 896.5 | 889.3 |
| 40° | 860.3 | 856.2 | 860.3 | 859.3 | 860.3 | 862.4 | 860.3 | 858.2 | 852.1 | 859.3 | 853.1 |
| 42.5° | 817.0 | 815.9 | 817.0 | 818.0 | 818.0 | 822.1 | 825.2 | 821.1 | 819.0 | 813.8 | 818.0 |
| 45° | 770.5 | 768.4 | 770.5 | 772.5 | 773.5 | 775.6 | 784.9 | 784.9 | 781.9 | 773.5 | 779.8 |
| 47.5° | 720.9 | 715.7 | 720.9 | 727.1 | 727.1 | 730.2 | 739.5 | 746.7 | 741.6 | 731.2 | 734.3 |
| 50° | 668.2 | 669.3 | 668.2 | 672.4 | 672.4 | 683.7 | 690.9 | 698.2 | 703.3 | 690.9 | 676.5 |
| 52.5° | 616.6 | 615.5 | 616.6 | 619.7 | 623.8 | 629.0 | 641.4 | 648.6 | 656.9 | 649.6 | 626.9 |
| 55° | 564.9 | 567.0 | 564.9 | 566.0 | 568.0 | 571.1 | 589.7 | 597.0 | 612.5 | 603.1 | 579.4 |
| 57.5° | 513.3 | 510.2 | 513.3 | 515.4 | 516.4 | 519.5 | 535.0 | 548.4 | 557.7 | 558.7 | 529.8 |
| 60° | 453.4 | 449.3 | 453.4 | 462.7 | 464.8 | 466.9 | 481.2 | 493.6 | 502.0 | 505.0 | 475.1 |
| 62.5° | 400.7 | 393.5 | 400.7 | 406.9 | 411.0 | 416.2 | 426.6 | 445.1 | 452.4 | 453.4 | 411.0 |
| 65° | 345.0 | 341.9 | 345.0 | 357.4 | 358.4 | 364.6 | 375.9 | 389.4 | 404.9 | 402.8 | 341.9 |
| 67.5° | 294.4 | 294.4 | 294.4 | 302.6 | 308.8 | 311.9 | 326.4 | 332.6 | 352.2 | 354.3 | 285.1 |
| 70° | 247.9 | 246.9 | 247.9 | 254.1 | 258.2 | 265.4 | 278.9 | 286.1 | 301.6 | 306.8 | 231.4 |
| 72.5° | 203.4 | 202.4 | 203.4 | 208.6 | 212.8 | 219.0 | 230.3 | 238.5 | 252.0 | 258.2 | 179.7 |
| 75° | 164.2 | 162.2 | 164.2 | 168.3 | 167.3 | 175.6 | 184.9 | 193.1 | 205.5 | 209.7 | 133.2 |
| 77.5° | 126.0 | 126.0 | 126.0 | 130.1 | 130.1 | 138.4 | 142.5 | 152.8 | 160.1 | 166.3 | 98.1 |
| 80° | 94.0 | 92.9 | 94.0 | 95.0 | 95.0 | 99.2 | 106.4 | 113.6 | 119.8 | 119.8 | 67.1 |
| 82.5° | 66.1 | 64.1 | 66.1 | 66.1 | 66.1 | 68.1 | 72.3 | 74.4 | 78.5 | 81.6 | 42.4 |
| 85° | 41.3 | 41.3 | 41.3 | 42.4 | 41.3 | 43.4 | 44.4 | 46.5 | 46.5 | 44.4 | 25.8 |
| 87.5° | 26.9 | 25.8 | 26.9 | 25.8 | 25.8 | 24.8 | 24.8 | 24.8 | 23.8 | 22.7 | 14.5 |
| 90° | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 32.4 | 43.3 | 48.7 | 41.8 | 28.2 | 17.9 |
| 92.5° | 97.6 | 78.2 | 97.6 | 116.9 | 121.7 | 172.6 | 240.2 | 274.1 | 240.7 | 173.8 | 123.7 |
| 95° | 339.9 | 281.2 | 339.9 | 398.6 | 413.2 | 542.5 | 715.1 | 801.3 | 676.8 | 427.7 | 240.9 |
| 97.5° | 814.3 | 702.7 | 814.3 | 925.9 | 953.8 | 1035.6 | 1144.6 | 1199.1 | 991.5 | 576.1 | 264.6 |
| 100° | 1173.2 | 1040.3 | 1173.2 | 1306.2 | 1339.4 | 1333.4 | 1325.5 | 1321.5 | 1091.0 | 630.1 | 284.4 |
| 102.5° | 1526.3 | 1412.4 | 1526.3 | 1640.2 | 1668.7 | 1564.5 | 1425.5 | 1356.0 | 1122.3 | 654.8 | 304.2 |
| 105° | 1976.4 | 1915.2 | 1976.4 | 2037.7 | 2053.0 | 1819.4 | 1507.9 | 1352.2 | 1125.9 | 673.2 | 333.7 |
| 107.5° | 2271.3 | 2286.1 | 2271.3 | 2256.5 | 2252.8 | 1927.0 | 1492.6 | 1275.4 | 1075.8 | 676.7 | 377.3 |
| 110° | 2383.8 | 2447.5 | 2383.8 | 2320.0 | 2304.1 | 1939.8 | 1454.1 | 1211.3 | 1031.3 | 671.5 | 401.6 |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|
| 112.5° | 2393.8 | 2491.7 | 2393.8 | 2295.9 | 2271.4 | 1898.6 | 1401.6 | 1153.0 | 992.6 | 671.7 | 431.1 |
| 115° | 2330.3 | 2466.2 | 2330.3 | 2194.6 | 2160.6 | 1801.5 | 1322.6 | 1083.2 | 948.1 | 677.9 | 475.3 |
| 117.5° | 2195.7 | 2346.3 | 2195.7 | 2045.1 | 2007.5 | 1683.4 | 1251.2 | 1035.1 | 920.2 | 690.5 | 518.2 |
| 120° | 2087.3 | 2233.6 | 2087.3 | 1940.9 | 1904.4 | 1608.2 | 1213.4 | 1015.9 | 910.9 | 700.8 | 543.2 |
| 122.5° | 1981.7 | 2126.0 | 1981.7 | 1837.4 | 1801.3 | 1534.5 | 1178.9 | 1001.2 | 905.9 | 715.5 | 572.6 |
| 125° | 1831.0 | 1964.0 | 1831.0 | 1698.1 | 1664.8 | 1438.3 | 1136.2 | 985.1 | 901.9 | 735.4 | 610.5 |
| 127.5° | 1695.5 | 1807.7 | 1695.5 | 1583.3 | 1555.2 | 1360.7 | 1101.4 | 971.7 | 899.6 | 755.2 | 647.0 |
| 130° | 1615.6 | 1719.3 | 1615.6 | 1512.0 | 1486.1 | 1312.9 | 1082.0 | 966.6 | 901.0 | 769.7 | 671.3 |
| 132.5° | 1543.2 | 1635.9 | 1543.2 | 1450.3 | 1427.1 | 1272.1 | 1065.4 | 962.1 | 901.9 | 781.5 | 691.2 |
| 135° | 1443.9 | 1523.9 | 1443.9 | 1363.9 | 1343.9 | 1214.1 | 1041.0 | 954.4 | 901.1 | 794.3 | 714.3 |
| 137.5° | 1364.2 | 1429.7 | 1364.2 | 1298.8 | 1282.4 | 1172.6 | 1026.3 | 953.1 | 906.6 | 813.5 | 743.7 |
| 140° | 1309.5 | 1370.8 | 1309.5 | 1248.4 | 1233.1 | 1138.3 | 1011.9 | 948.6 | 907.5 | 825.2 | 763.5 |
| 142.5° | 1264.3 | 1317.0 | 1264.3 | 1211.7 | 1198.5 | 1115.2 | 1004.2 | 948.6 | 910.8 | 835.1 | 778.2 |
| 145° | 1196.4 | 1236.2 | 1196.4 | 1156.5 | 1146.6 | 1078.5 | 987.7 | 942.2 | 910.8 | 847.9 | 800.7 |
| 147.5° | 1144.3 | 1177.3 | 1144.3 | 1111.3 | 1103.0 | 1049.4 | 978.0 | 942.2 | 917.1 | 866.7 | 828.9 |
| 150° | 1111.5 | 1138.3 | 1111.5 | 1084.8 | 1078.1 | 1032.8 | 972.4 | 942.2 | 920.3 | 876.5 | 843.6 |
| 152.5° | 1083.5 | 1103.6 | 1083.5 | 1063.3 | 1058.2 | 1019.6 | 968.0 | 942.2 | 922.5 | 882.9 | 853.2 |
| 155° | 1051.2 | 1064.6 | 1051.2 | 1037.8 | 1034.5 | 1003.8 | 962.7 | 942.2 | 927.2 | 897.0 | 874.3 |
| 157.5° | 1025.7 | 1035.1 | 1025.7 | 1016.3 | 1014.0 | 990.1 | 958.2 | 942.2 | 931.9 | 911.1 | 895.5 |
| 160° | 1010.5 | 1015.9 | 1010.5 | 1005.2 | 1003.8 | 983.3 | 956.0 | 942.2 | 934.0 | 917.5 | 905.1 |
| 162.5° | 1000.5 | 1005.7 | 1000.5 | 995.5 | 994.1 | 976.8 | 953.8 | 942.2 | 936.2 | 924.3 | 915.4 |
| 165° | 986.2 | 991.6 | 986.2 | 980.8 | 979.4 | 967.0 | 950.5 | 942.2 | 939.6 | 934.2 | 930.1 |
| 167.5° | 975.8 | 978.1 | 975.8 | 973.5 | 973.0 | 964.9 | 954.0 | 948.6 | 946.3 | 941.8 | 938.4 |
| 170° | 973.0 | 973.0 | 973.0 | 973.0 | 973.0 | 964.9 | 954.0 | 948.6 | 948.5 | 948.3 | 948.0 |
| 172.5° | 965.4 | 963.4 | 965.4 | 967.4 | 967.9 | 961.5 | 953.0 | 948.6 | 948.6 | 948.6 | 948.6 |
| 175° | 960.8 | 960.8 | 960.8 | 960.8 | 960.8 | 956.7 | 951.3 | 948.6 | 949.9 | 952.5 | 954.4 |
| 177.5° | 956.7 | 954.4 | 956.7 | 959.0 | 959.6 | 956.3 | 952.1 | 949.9 | 951.0 | 953.0 | 954.4 |
| 180° | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 |
| 2.5° | 1107.2 | 1100.9 | 1100.9 | 1090.6 | 1086.5 | 1083.4 | 1078.2 | 1062.8 | 1058.6 | 1054.5 | 1060.7 |
| 5° | 1116.5 | 1105.1 | 1096.9 | 1078.2 | 1062.8 | 1056.6 | 1037.0 | 999.8 | 975.0 | 956.3 | 946.0 |
| 7.5° | 1118.5 | 1104.1 | 1088.5 | 1059.7 | 1022.5 | 1005.9 | 946.0 | 877.9 | 859.3 | 842.8 | 832.4 |
| 10° | 1116.5 | 1099.9 | 1078.2 | 1034.9 | 947.1 | 918.1 | 858.2 | 813.8 | 802.5 | 799.4 | 802.5 |
| 12.5° | 1109.3 | 1093.7 | 1063.8 | 991.5 | 868.6 | 849.0 | 813.8 | 788.0 | 785.9 | 791.1 | 819.0 |
| 15° | 1096.9 | 1082.4 | 1047.3 | 933.6 | 825.2 | 810.7 | 785.9 | 776.7 | 788.0 | 824.2 | 907.8 |
| 17.5° | 1084.5 | 1067.9 | 1024.6 | 876.9 | 792.2 | 781.9 | 764.3 | 782.9 | 846.9 | 895.4 | 923.3 |
| 20° | 1067.9 | 1048.3 | 998.7 | 835.5 | 768.4 | 759.1 | 750.8 | 834.5 | 883.0 | 900.6 | 916.1 |
| 22.5° | 1048.3 | 1027.6 | 963.6 | 806.7 | 743.6 | 736.4 | 741.6 | 863.4 | 883.0 | 895.4 | 908.8 |
| 25° | 1022.5 | 1004.9 | 922.3 | 783.9 | 724.0 | 715.7 | 735.4 | 860.3 | 871.7 | 874.8 | 901.7 |
| 27.5° | 998.7 | 976.0 | 879.0 | 763.2 | 700.2 | 697.2 | 740.5 | 846.9 | 855.2 | 858.2 | 887.2 |
| 30° | 969.8 | 935.7 | 830.4 | 741.6 | 675.4 | 674.4 | 741.6 | 830.4 | 828.3 | 836.6 | 865.5 |
| 32.5° | 939.9 | 875.8 | 775.6 | 714.7 | 651.7 | 650.6 | 734.3 | 805.6 | 803.5 | 814.9 | 836.6 |
| 35° | 912.0 | 829.4 | 701.2 | 683.7 | 621.8 | 622.8 | 716.8 | 776.7 | 777.7 | 788.0 | 801.5 |
| 37.5° | 883.0 | 789.1 | 619.7 | 649.6 | 592.8 | 592.8 | 693.0 | 749.8 | 747.7 | 750.8 | 769.5 |
| 40° | 849.0 | 726.0 | 547.4 | 605.2 | 566.0 | 562.9 | 664.1 | 720.9 | 713.6 | 712.6 | 738.4 |
| 42.5° | 812.8 | 656.9 | 493.6 | 546.4 | 535.0 | 530.8 | 629.0 | 685.8 | 672.4 | 675.4 | 708.5 |
| 45° | 773.5 | 638.3 | 452.4 | 461.7 | 503.0 | 499.9 | 590.7 | 645.5 | 636.2 | 644.5 | 678.5 |
| 47.5° | 734.3 | 601.1 | 439.0 | 383.2 | 468.9 | 467.9 | 548.4 | 606.2 | 601.1 | 609.4 | 645.5 |
| 50° | 680.6 | 559.8 | 437.9 | 328.4 | 430.7 | 434.8 | 497.8 | 568.0 | 568.0 | 575.3 | 613.5 |
| 52.5° | 611.5 | 509.2 | 397.6 | 297.5 | 386.2 | 398.6 | 453.4 | 535.0 | 537.1 | 544.3 | 578.3 |
| 55° | 548.4 | 456.5 | 368.7 | 273.7 | 333.6 | 360.4 | 410.0 | 500.9 | 505.0 | 512.3 | 543.2 |
| 57.5° | 490.6 | 380.1 | 362.5 | 245.8 | 285.1 | 310.8 | 371.8 | 467.9 | 469.9 | 476.1 | 506.0 |
| 60° | 428.6 | 274.7 | 332.6 | 215.8 | 242.7 | 262.3 | 336.7 | 428.6 | 435.8 | 440.0 | 465.8 |
| 62.5° | 358.4 | 199.4 | 301.6 | 195.2 | 222.1 | 226.1 | 307.8 | 391.5 | 400.7 | 403.9 | 419.3 |
| 65° | 255.1 | 167.3 | 256.1 | 177.6 | 200.4 | 201.4 | 276.8 | 353.2 | 361.5 | 366.7 | 378.0 |
| 67.5° | 172.5 | 136.4 | 195.2 | 161.1 | 183.9 | 184.9 | 246.9 | 308.8 | 320.2 | 324.3 | 331.6 |
| 70° | 119.8 | 90.9 | 144.6 | 143.5 | 165.2 | 167.3 | 214.8 | 268.5 | 278.9 | 282.0 | 286.1 |
| 72.5° | 87.8 | 73.3 | 119.8 | 129.1 | 145.6 | 147.7 | 181.8 | 223.1 | 233.4 | 236.5 | 238.5 |
| 75° | 67.1 | 77.5 | 97.1 | 112.6 | 124.0 | 125.0 | 148.7 | 181.8 | 189.0 | 191.0 | 192.1 |
| 77.5° | 53.7 | 72.3 | 71.3 | 90.9 | 101.2 | 99.2 | 116.7 | 140.4 | 146.7 | 146.7 | 146.7 |
| 80° | 40.3 | 56.8 | 53.7 | 65.1 | 74.4 | 72.3 | 83.6 | 100.2 | 102.3 | 104.3 | 103.3 |
| 82.5° | 30.0 | 36.1 | 36.1 | 41.3 | 49.6 | 47.5 | 55.7 | 65.1 | 65.1 | 65.1 | 67.1 |
| 85° | 18.6 | 20.6 | 16.6 | 21.7 | 27.9 | 26.9 | 31.0 | 35.1 | 36.1 | 36.1 | 34.1 |
| 87.5° | 11.4 | 9.3 | 5.2 | 8.2 | 12.4 | 12.4 | 14.5 | 15.5 | 14.5 | 14.5 | 14.5 |
| 90° | 16.6 | 11.6 | 6.4 | 11.6 | 16.6 | 17.9 | 28.2 | 41.8 | 48.7 | 43.3 | 32.4 |
| 92.5° | 112.8 | 69.2 | 25.6 | 69.2 | 112.8 | 123.7 | 173.8 | 240.7 | 274.1 | 240.2 | 172.6 |
| 95° | 220.9 | 141.2 | 61.5 | 141.2 | 220.9 | 240.9 | 427.7 | 676.8 | 801.3 | 715.1 | 542.5 |
| 97.5° | 247.0 | 176.6 | 106.3 | 176.6 | 247.0 | 264.6 | 576.1 | 991.5 | 1199.1 | 1144.6 | 1035.6 |
| 100° | 268.5 | 204.7 | 140.9 | 204.7 | 268.5 | 284.4 | 630.1 | 1091.0 | 1321.5 | 1325.5 | 1333.4 |
| 102.5° | 289.4 | 229.8 | 170.4 | 229.8 | 289.4 | 304.2 | 654.8 | 1122.3 | 1356.0 | 1425.5 | 1564.5 |
| 105° | 321.1 | 270.7 | 220.4 | 270.7 | 321.1 | 333.7 | 673.2 | 1125.9 | 1352.2 | 1507.9 | 1819.4 |
| 107.5° | 365.5 | 318.5 | 271.6 | 318.5 | 365.5 | 377.3 | 676.7 | 1075.8 | 1275.4 | 1492.6 | 1927.0 |
| 110° | 391.0 | 348.6 | 306.2 | 348.6 | 391.0 | 401.6 | 671.5 | 1031.3 | 1211.3 | 1454.1 | 1939.8 |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|--------|--------|--------|
| 112.5° | 421.0 | 380.5 | 340.1 | 380.5 | 421.0 | 431.1 | 671.7 | 992.6 | 1153.0 | 1401.6 | 1898.6 |
| 115° | 466.0 | 428.7 | 391.4 | 428.7 | 466.0 | 475.3 | 677.9 | 948.1 | 1083.2 | 1322.6 | 1801.5 |
| 117.5° | 509.7 | 475.9 | 442.0 | 475.9 | 509.7 | 518.2 | 690.5 | 920.2 | 1035.1 | 1251.2 | 1683.4 |
| 120° | 535.2 | 503.3 | 471.5 | 503.3 | 535.2 | 543.2 | 700.8 | 910.9 | 1015.9 | 1213.4 | 1608.2 |
| 122.5° | 564.6 | 532.5 | 500.3 | 532.5 | 564.6 | 572.6 | 715.5 | 905.9 | 1001.2 | 1178.9 | 1534.5 |
| 125° | 603.1 | 573.8 | 544.5 | 573.8 | 603.1 | 610.5 | 735.4 | 901.9 | 985.1 | 1136.2 | 1438.3 |
| 127.5° | 639.6 | 609.9 | 580.3 | 609.9 | 639.6 | 647.0 | 755.2 | 899.6 | 971.7 | 1101.4 | 1360.7 |
| 130° | 663.3 | 631.4 | 599.5 | 631.4 | 663.3 | 671.3 | 769.7 | 901.0 | 966.6 | 1082.0 | 1312.9 |
| 132.5° | 683.1 | 651.3 | 619.4 | 651.3 | 683.1 | 691.2 | 781.5 | 901.9 | 962.1 | 1065.4 | 1272.1 |
| 135° | 707.0 | 677.9 | 648.9 | 677.9 | 707.0 | 714.3 | 794.3 | 901.1 | 954.4 | 1041.0 | 1214.1 |
| 137.5° | 736.5 | 707.7 | 679.0 | 707.7 | 736.5 | 743.7 | 813.5 | 906.6 | 953.1 | 1026.3 | 1172.6 |
| 140° | 756.9 | 730.4 | 703.9 | 730.4 | 756.9 | 763.5 | 825.2 | 907.5 | 948.6 | 1011.9 | 1138.3 |
| 142.5° | 772.2 | 747.7 | 723.2 | 747.7 | 772.2 | 778.2 | 835.1 | 910.8 | 948.6 | 1004.2 | 1115.2 |
| 145° | 795.4 | 774.0 | 752.7 | 774.0 | 795.4 | 800.7 | 847.9 | 910.8 | 942.2 | 987.7 | 1078.5 |
| 147.5° | 823.7 | 802.9 | 782.1 | 802.9 | 823.7 | 828.9 | 866.7 | 917.1 | 942.2 | 978.0 | 1049.4 |
| 150° | 838.9 | 820.1 | 801.3 | 820.1 | 838.9 | 843.6 | 876.5 | 920.3 | 942.2 | 972.4 | 1032.8 |
| 152.5° | 849.7 | 835.4 | 821.2 | 835.4 | 849.7 | 853.2 | 882.9 | 922.5 | 942.2 | 968.0 | 1019.6 |
| 155° | 871.7 | 861.2 | 850.6 | 861.2 | 871.7 | 874.3 | 897.0 | 927.2 | 942.2 | 962.7 | 1003.8 |
| 157.5° | 893.0 | 882.7 | 872.4 | 882.7 | 893.0 | 895.5 | 911.1 | 931.9 | 942.2 | 958.2 | 990.1 |
| 160° | 903.1 | 895.2 | 887.2 | 895.2 | 903.1 | 905.1 | 917.5 | 934.0 | 942.2 | 956.0 | 983.3 |
| 162.5° | 913.9 | 907.9 | 901.9 | 907.9 | 913.9 | 915.4 | 924.3 | 936.2 | 942.2 | 953.8 | 976.8 |
| 165° | 928.7 | 923.3 | 917.9 | 923.3 | 928.7 | 930.1 | 934.2 | 939.6 | 942.2 | 950.5 | 967.0 |
| 167.5° | 937.8 | 935.2 | 932.6 | 935.2 | 937.8 | 938.4 | 941.8 | 946.3 | 948.6 | 954.0 | 964.9 |
| 170° | 947.4 | 944.8 | 942.2 | 944.8 | 947.4 | 948.0 | 948.3 | 948.5 | 948.6 | 954.0 | 964.9 |
| 172.5° | 948.5 | 947.9 | 947.4 | 947.9 | 948.5 | 948.6 | 948.6 | 948.6 | 948.6 | 953.0 | 961.5 |
| 175° | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 952.5 | 949.9 | 948.6 | 951.3 | 956.7 |
| 177.5° | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 953.0 | 951.0 | 949.9 | 952.1 | 956.3 |
| 180° | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 |
| 2.5° | 1053.4 | 1050.4 | 1054.5 | 1043.1 | 1054.5 | 1050.4 | 1053.4 | 1060.7 | 1054.5 | 1058.6 | 1062.8 |
| 5° | 924.4 | 919.2 | 902.7 | 889.3 | 902.7 | 919.2 | 924.4 | 946.0 | 956.3 | 975.0 | 999.8 |
| 7.5° | 826.2 | 822.1 | 818.0 | 809.7 | 818.0 | 822.1 | 826.2 | 832.4 | 842.8 | 859.3 | 877.9 |
| 10° | 804.6 | 805.6 | 811.8 | 810.7 | 811.8 | 805.6 | 804.6 | 802.5 | 799.4 | 802.5 | 813.8 |
| 12.5° | 860.3 | 869.6 | 903.7 | 901.7 | 903.7 | 869.6 | 860.3 | 819.0 | 791.1 | 785.9 | 788.0 |
| 15° | 924.4 | 927.5 | 934.7 | 935.7 | 934.7 | 927.5 | 924.4 | 907.8 | 824.2 | 788.0 | 776.7 |
| 17.5° | 930.5 | 931.6 | 936.8 | 936.8 | 936.8 | 931.6 | 930.5 | 923.3 | 895.4 | 846.9 | 782.9 |
| 20° | 925.4 | 927.5 | 937.8 | 939.9 | 937.8 | 927.5 | 925.4 | 916.1 | 900.6 | 883.0 | 834.5 |
| 22.5° | 923.3 | 927.5 | 935.7 | 934.7 | 935.7 | 927.5 | 923.3 | 908.8 | 895.4 | 883.0 | 863.4 |
| 25° | 913.0 | 913.0 | 914.1 | 915.1 | 914.1 | 913.0 | 913.0 | 901.7 | 874.8 | 871.7 | 860.3 |
| 27.5° | 891.3 | 893.4 | 899.6 | 898.5 | 899.6 | 893.4 | 891.3 | 887.2 | 858.2 | 855.2 | 846.9 |
| 30° | 871.7 | 869.6 | 864.5 | 860.3 | 864.5 | 869.6 | 871.7 | 865.5 | 836.6 | 828.3 | 830.4 |
| 32.5° | 838.6 | 833.4 | 828.3 | 825.2 | 828.3 | 833.4 | 838.6 | 836.6 | 814.9 | 803.5 | 805.6 |
| 35° | 799.4 | 800.4 | 799.4 | 796.3 | 799.4 | 800.4 | 799.4 | 801.5 | 788.0 | 777.7 | 776.7 |
| 37.5° | 771.5 | 773.5 | 772.5 | 768.4 | 772.5 | 773.5 | 771.5 | 769.5 | 750.8 | 747.7 | 749.8 |
| 40° | 742.6 | 743.6 | 742.6 | 739.5 | 742.6 | 743.6 | 742.6 | 738.4 | 712.6 | 713.6 | 720.9 |
| 42.5° | 714.7 | 713.6 | 710.6 | 708.5 | 710.6 | 713.6 | 714.7 | 708.5 | 675.4 | 672.4 | 685.8 |
| 45° | 682.7 | 683.7 | 677.5 | 674.4 | 677.5 | 683.7 | 682.7 | 678.5 | 644.5 | 636.2 | 645.5 |
| 47.5° | 650.6 | 650.6 | 645.5 | 642.4 | 645.5 | 650.6 | 650.6 | 645.5 | 609.4 | 601.1 | 606.2 |
| 50° | 616.6 | 615.5 | 608.3 | 607.3 | 608.3 | 615.5 | 616.6 | 613.5 | 575.3 | 568.0 | 568.0 |
| 52.5° | 577.3 | 577.3 | 578.3 | 580.4 | 578.3 | 577.3 | 577.3 | 578.3 | 544.3 | 537.1 | 535.0 |
| 55° | 543.2 | 544.3 | 551.6 | 553.6 | 551.6 | 544.3 | 543.2 | 543.2 | 512.3 | 505.0 | 500.9 |
| 57.5° | 508.1 | 508.1 | 513.3 | 513.3 | 513.3 | 508.1 | 508.1 | 506.0 | 476.1 | 469.9 | 467.9 |
| 60° | 467.9 | 469.9 | 474.1 | 473.0 | 474.1 | 469.9 | 467.9 | 465.8 | 440.0 | 435.8 | 428.6 |
| 62.5° | 425.5 | 427.6 | 428.6 | 426.6 | 428.6 | 427.6 | 425.5 | 419.3 | 403.9 | 400.7 | 391.5 |
| 65° | 381.1 | 383.2 | 384.2 | 382.2 | 384.2 | 383.2 | 381.1 | 378.0 | 366.7 | 361.5 | 353.2 |
| 67.5° | 335.6 | 334.6 | 333.6 | 337.7 | 333.6 | 334.6 | 335.6 | 331.6 | 324.3 | 320.2 | 308.8 |
| 70° | 289.2 | 289.2 | 288.1 | 290.2 | 288.1 | 289.2 | 289.2 | 286.1 | 282.0 | 278.9 | 268.5 |
| 72.5° | 239.6 | 238.5 | 242.7 | 239.6 | 242.7 | 238.5 | 239.6 | 238.5 | 236.5 | 233.4 | 223.1 |
| 75° | 191.0 | 193.1 | 191.0 | 194.2 | 191.0 | 193.1 | 191.0 | 192.1 | 191.0 | 189.0 | 181.8 |
| 77.5° | 145.6 | 147.7 | 145.6 | 145.6 | 145.6 | 147.7 | 145.6 | 146.7 | 146.7 | 146.7 | 140.4 |
| 80° | 103.3 | 102.3 | 102.3 | 101.2 | 102.3 | 102.3 | 103.3 | 103.3 | 104.3 | 102.3 | 100.2 |
| 82.5° | 66.1 | 65.1 | 65.1 | 67.1 | 65.1 | 65.1 | 66.1 | 67.1 | 65.1 | 65.1 | 65.1 |
| 85° | 36.1 | 37.2 | 35.1 | 35.1 | 35.1 | 37.2 | 36.1 | 34.1 | 36.1 | 36.1 | 35.1 |
| 87.5° | 13.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 13.4 | 14.5 | 14.5 | 14.5 | 15.5 |
| 90° | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 32.4 | 43.3 | 48.7 | 41.8 |
| 92.5° | 121.7 | 116.9 | 97.6 | 78.2 | 97.6 | 116.9 | 121.7 | 172.6 | 240.2 | 274.1 | 240.7 |
| 95° | 413.2 | 398.6 | 339.9 | 281.2 | 339.9 | 398.6 | 413.2 | 542.5 | 715.1 | 801.3 | 676.8 |
| 97.5° | 953.8 | 925.9 | 814.3 | 702.7 | 814.3 | 925.9 | 953.8 | 1035.6 | 1144.6 | 1199.1 | 991.5 |
| 100° | 1339.4 | 1306.2 | 1173.2 | 1040.3 | 1173.2 | 1306.2 | 1339.4 | 1333.4 | 1325.5 | 1321.5 | 1091.0 |
| 102.5° | 1668.7 | 1640.2 | 1526.3 | 1412.4 | 1526.3 | 1640.2 | 1668.7 | 1564.5 | 1425.5 | 1356.0 | 1122.3 |
| 105° | 2053.0 | 2037.7 | 1976.4 | 1915.2 | 1976.4 | 2037.7 | 2053.0 | 1819.4 | 1507.9 | 1352.2 | 1125.9 |
| 107.5° | 2252.8 | 2256.5 | 2271.3 | 2286.1 | 2271.3 | 2256.5 | 2252.8 | 1927.0 | 1492.6 | 1275.4 | 1075.8 |
| 110° | 2304.1 | 2320.0 | 2383.8 | 2447.5 | 2383.8 | 2320.0 | 2304.1 | 1939.8 | 1454.1 | 1211.3 | 1031.3 |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 2271.4 | 2295.9 | 2393.8 | 2491.7 | 2393.8 | 2295.9 | 2271.4 | 1898.6 | 1401.6 | 1153.0 | 992.6 |
| 115° | 2160.6 | 2194.6 | 2330.3 | 2466.2 | 2330.3 | 2194.6 | 2160.6 | 1801.5 | 1322.6 | 1083.2 | 948.1 |
| 117.5° | 2007.5 | 2045.1 | 2195.7 | 2346.3 | 2195.7 | 2045.1 | 2007.5 | 1683.4 | 1251.2 | 1035.1 | 920.2 |
| 120° | 1904.4 | 1940.9 | 2087.3 | 2233.6 | 2087.3 | 1940.9 | 1904.4 | 1608.2 | 1213.4 | 1015.9 | 910.9 |
| 122.5° | 1801.3 | 1837.4 | 1981.7 | 2126.0 | 1981.7 | 1837.4 | 1801.3 | 1534.5 | 1178.9 | 1001.2 | 905.9 |
| 125° | 1664.8 | 1698.1 | 1831.0 | 1964.0 | 1831.0 | 1698.1 | 1664.8 | 1438.3 | 1136.2 | 985.1 | 901.9 |
| 127.5° | 1555.2 | 1583.3 | 1695.5 | 1807.7 | 1695.5 | 1583.3 | 1555.2 | 1360.7 | 1101.4 | 971.7 | 899.6 |
| 130° | 1486.1 | 1512.0 | 1615.6 | 1719.3 | 1615.6 | 1512.0 | 1486.1 | 1312.9 | 1082.0 | 966.6 | 901.0 |
| 132.5° | 1427.1 | 1450.3 | 1543.2 | 1635.9 | 1543.2 | 1450.3 | 1427.1 | 1272.1 | 1065.4 | 962.1 | 901.9 |
| 135° | 1343.9 | 1363.9 | 1443.9 | 1523.9 | 1443.9 | 1363.9 | 1343.9 | 1214.1 | 1041.0 | 954.4 | 901.1 |
| 137.5° | 1282.4 | 1298.8 | 1364.2 | 1429.7 | 1364.2 | 1298.8 | 1282.4 | 1172.6 | 1026.3 | 953.1 | 906.6 |
| 140° | 1233.1 | 1248.4 | 1309.5 | 1370.8 | 1309.5 | 1248.4 | 1233.1 | 1138.3 | 1011.9 | 948.6 | 907.5 |
| 142.5° | 1198.5 | 1211.7 | 1264.3 | 1317.0 | 1264.3 | 1211.7 | 1198.5 | 1115.2 | 1004.2 | 948.6 | 910.8 |
| 145° | 1146.6 | 1156.5 | 1196.4 | 1236.2 | 1196.4 | 1156.5 | 1146.6 | 1078.5 | 987.7 | 942.2 | 910.8 |
| 147.5° | 1103.0 | 1111.3 | 1144.3 | 1177.3 | 1144.3 | 1111.3 | 1103.0 | 1049.4 | 978.0 | 942.2 | 917.1 |
| 150° | 1078.1 | 1084.8 | 1111.5 | 1138.3 | 1111.5 | 1084.8 | 1078.1 | 1032.8 | 972.4 | 942.2 | 920.3 |
| 152.5° | 1058.2 | 1063.3 | 1083.5 | 1103.6 | 1083.5 | 1063.3 | 1058.2 | 1019.6 | 968.0 | 942.2 | 922.5 |
| 155° | 1034.5 | 1037.8 | 1051.2 | 1064.6 | 1051.2 | 1037.8 | 1034.5 | 1003.8 | 962.7 | 942.2 | 927.2 |
| 157.5° | 1014.0 | 1016.3 | 1025.7 | 1035.1 | 1025.7 | 1016.3 | 1014.0 | 990.1 | 958.2 | 942.2 | 931.9 |
| 160° | 1003.8 | 1005.2 | 1010.5 | 1015.9 | 1010.5 | 1005.2 | 1003.8 | 983.3 | 956.0 | 942.2 | 934.0 |
| 162.5° | 994.1 | 995.5 | 1000.5 | 1005.7 | 1000.5 | 995.5 | 994.1 | 976.8 | 953.8 | 942.2 | 936.2 |
| 165° | 979.4 | 980.8 | 986.2 | 991.6 | 986.2 | 980.8 | 979.4 | 967.0 | 950.5 | 942.2 | 939.6 |
| 167.5° | 973.0 | 973.5 | 975.8 | 978.1 | 975.8 | 973.5 | 973.0 | 964.9 | 954.0 | 948.6 | 946.3 |
| 170° | 973.0 | 973.0 | 973.0 | 973.0 | 973.0 | 973.0 | 973.0 | 964.9 | 954.0 | 948.6 | 948.5 |
| 172.5° | 967.9 | 967.4 | 965.4 | 963.4 | 965.4 | 967.4 | 967.9 | 961.5 | 953.0 | 948.6 | 948.6 |
| 175° | 960.8 | 960.8 | 960.8 | 960.8 | 960.8 | 960.8 | 960.8 | 956.7 | 951.3 | 948.6 | 949.9 |
| 177.5° | 959.6 | 959.0 | 956.7 | 954.4 | 956.7 | 959.0 | 959.6 | 956.3 | 952.1 | 949.9 | 951.0 |
| 180° | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1091.7 | 1091.7 | 1091.7 | 1091.7 | 1091.7 |
| 2.5° | 1078.2 | 1083.4 | 1086.5 | 1090.6 | 1100.9 |
| 5° | 1037.0 | 1056.6 | 1062.8 | 1078.2 | 1096.9 |
| 7.5° | 946.0 | 1005.9 | 1022.5 | 1059.7 | 1088.5 |
| 10° | 858.2 | 918.1 | 947.1 | 1034.9 | 1078.2 |
| 12.5° | 813.8 | 849.0 | 868.6 | 991.5 | 1063.8 |
| 15° | 785.9 | 810.7 | 825.2 | 933.6 | 1047.3 |
| 17.5° | 764.3 | 781.9 | 792.2 | 876.9 | 1024.6 |
| 20° | 750.8 | 759.1 | 768.4 | 835.5 | 998.7 |
| 22.5° | 741.6 | 736.4 | 743.6 | 806.7 | 963.6 |
| 25° | 735.4 | 715.7 | 724.0 | 783.9 | 922.3 |
| 27.5° | 740.5 | 697.2 | 700.2 | 763.2 | 879.0 |
| 30° | 741.6 | 674.4 | 675.4 | 741.6 | 830.4 |
| 32.5° | 734.3 | 650.6 | 651.7 | 714.7 | 775.6 |
| 35° | 716.8 | 622.8 | 621.8 | 683.7 | 701.2 |
| 37.5° | 693.0 | 592.8 | 592.8 | 649.6 | 619.7 |
| 40° | 664.1 | 562.9 | 566.0 | 605.2 | 547.4 |
| 42.5° | 629.0 | 530.8 | 535.0 | 546.4 | 493.6 |
| 45° | 590.7 | 499.9 | 503.0 | 461.7 | 452.4 |
| 47.5° | 548.4 | 467.9 | 468.9 | 383.2 | 439.0 |
| 50° | 497.8 | 434.8 | 430.7 | 328.4 | 437.9 |
| 52.5° | 453.4 | 398.6 | 386.2 | 297.5 | 397.6 |
| 55° | 410.0 | 360.4 | 333.6 | 273.7 | 368.7 |
| 57.5° | 371.8 | 310.8 | 285.1 | 245.8 | 362.5 |
| 60° | 336.7 | 262.3 | 242.7 | 215.8 | 332.6 |
| 62.5° | 307.8 | 226.1 | 222.1 | 195.2 | 301.6 |
| 65° | 276.8 | 201.4 | 200.4 | 177.6 | 256.1 |
| 67.5° | 246.9 | 184.9 | 183.9 | 161.1 | 195.2 |
| 70° | 214.8 | 167.3 | 165.2 | 143.5 | 144.6 |
| 72.5° | 181.8 | 147.7 | 145.6 | 129.1 | 119.8 |
| 75° | 148.7 | 125.0 | 124.0 | 112.6 | 97.1 |
| 77.5° | 116.7 | 99.2 | 101.2 | 90.9 | 71.3 |
| 80° | 83.6 | 72.3 | 74.4 | 65.1 | 53.7 |
| 82.5° | 55.7 | 47.5 | 49.6 | 41.3 | 36.1 |
| 85° | 31.0 | 26.9 | 27.9 | 21.7 | 16.6 |
| 87.5° | 14.5 | 12.4 | 12.4 | 8.2 | 5.2 |
| 90° | 28.2 | 17.9 | 16.6 | 11.6 | 6.4 |
| 92.5° | 173.8 | 123.7 | 112.8 | 69.2 | 25.6 |
| 95° | 427.7 | 240.9 | 220.9 | 141.2 | 61.5 |
| 97.5° | 576.1 | 264.6 | 247.0 | 176.6 | 106.3 |
| 100° | 630.1 | 284.4 | 268.5 | 204.7 | 140.9 |
| 102.5° | 654.8 | 304.2 | 289.4 | 229.8 | 170.4 |
| 105° | 673.2 | 333.7 | 321.1 | 270.7 | 220.4 |
| 107.5° | 676.7 | 377.3 | 365.5 | 318.5 | 271.6 |
| 110° | 671.5 | 401.6 | 391.0 | 348.6 | 306.2 |



TEST NUMBER: P935024

CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 671.7 | 431.1 | 421.0 | 380.5 | 340.1 |
| 115° | 677.9 | 475.3 | 466.0 | 428.7 | 391.4 |
| 117.5° | 690.5 | 518.2 | 509.7 | 475.9 | 442.0 |
| 120° | 700.8 | 543.2 | 535.2 | 503.3 | 471.5 |
| 122.5° | 715.5 | 572.6 | 564.6 | 532.5 | 500.3 |
| 125° | 735.4 | 610.5 | 603.1 | 573.8 | 544.5 |
| 127.5° | 755.2 | 647.0 | 639.6 | 609.9 | 580.3 |
| 130° | 769.7 | 671.3 | 663.3 | 631.4 | 599.5 |
| 132.5° | 781.5 | 691.2 | 683.1 | 651.3 | 619.4 |
| 135° | 794.3 | 714.3 | 707.0 | 677.9 | 648.9 |
| 137.5° | 813.5 | 743.7 | 736.5 | 707.7 | 679.0 |
| 140° | 825.2 | 763.5 | 756.9 | 730.4 | 703.9 |
| 142.5° | 835.1 | 778.2 | 772.2 | 747.7 | 723.2 |
| 145° | 847.9 | 800.7 | 795.4 | 774.0 | 752.7 |
| 147.5° | 866.7 | 828.9 | 823.7 | 802.9 | 782.1 |
| 150° | 876.5 | 843.6 | 838.9 | 820.1 | 801.3 |
| 152.5° | 882.9 | 853.2 | 849.7 | 835.4 | 821.2 |
| 155° | 897.0 | 874.3 | 871.7 | 861.2 | 850.6 |
| 157.5° | 911.1 | 895.5 | 893.0 | 882.7 | 872.4 |
| 160° | 917.5 | 905.1 | 903.1 | 895.2 | 887.2 |
| 162.5° | 924.3 | 915.4 | 913.9 | 907.9 | 901.9 |
| 165° | 934.2 | 930.1 | 928.7 | 923.3 | 917.9 |
| 167.5° | 941.8 | 938.4 | 937.8 | 935.2 | 932.6 |
| 170° | 948.3 | 948.0 | 947.4 | 944.8 | 942.2 |
| 172.5° | 948.6 | 948.6 | 948.5 | 947.9 | 947.4 |
| 175° | 952.5 | 954.4 | 954.4 | 954.4 | 954.4 |
| 177.5° | 953.0 | 954.4 | 954.4 | 954.4 | 954.4 |
| 180° | 954.4 | 954.4 | 954.4 | 954.4 | 954.4 |



TEST NUMBER: P935024
 CATALOG NUMBER: SQ4-FA-100U-050D-927-1D-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 | 8.42 | 9.14 | 9.52 | 10.23 | 11.75 | 11.26 | 11.97 | 12.36 | 13.07 | 14.59 |
| | 3H | 8.89 | 9.53 | 10.00 | 10.63 | 12.16 | 12.59 | 13.24 | 13.71 | 14.34 | 15.87 |
| | 4H | 9.07 | 9.68 | 10.19 | 10.79 | 12.32 | 13.03 | 13.64 | 14.15 | 14.75 | 16.29 |
| | 6H | 9.18 | 9.74 | 10.31 | 10.85 | 12.40 | 13.31 | 13.87 | 14.44 | 14.98 | 16.53 |
| | 8H | 9.18 | 9.71 | 10.31 | 10.84 | 12.38 | 13.38 | 13.92 | 14.52 | 15.04 | 16.58 |
| | 12H | 9.14 | 9.65 | 10.28 | 10.77 | 12.33 | 13.42 | 13.92 | 14.56 | 15.04 | 16.61 |
| 4H | 2H | 9.44 | 10.04 | 10.56 | 11.15 | 12.69 | 11.65 | 12.26 | 12.78 | 13.36 | 14.90 |
| | 3H | 10.45 | 10.96 | 11.58 | 12.09 | 13.64 | 13.14 | 13.65 | 14.28 | 14.78 | 16.33 |
| | 4H | 10.72 | 11.19 | 11.86 | 12.31 | 13.88 | 13.67 | 14.13 | 14.80 | 15.26 | 16.82 |
| | 6H | 10.84 | 11.24 | 11.98 | 12.38 | 13.94 | 14.03 | 14.42 | 15.17 | 15.57 | 17.13 |
| | 8H | 10.84 | 11.21 | 11.98 | 12.35 | 13.93 | 14.13 | 14.50 | 15.27 | 15.64 | 17.22 |
| | 12H | 10.80 | 11.14 | 11.96 | 12.29 | 13.87 | 14.18 | 14.52 | 15.34 | 15.67 | 17.25 |
| 8H | 4H | 11.16 | 11.54 | 12.31 | 12.67 | 14.25 | 13.78 | 14.15 | 14.92 | 15.29 | 16.87 |
| | 6H | 11.42 | 11.73 | 12.58 | 12.91 | 14.48 | 14.21 | 14.52 | 15.38 | 15.70 | 17.27 |
| | 8H | 11.46 | 11.73 | 12.63 | 12.89 | 14.48 | 14.36 | 14.63 | 15.53 | 15.79 | 17.38 |
| | 12H | 11.44 | 11.67 | 12.61 | 12.83 | 14.46 | 14.46 | 14.69 | 15.63 | 15.85 | 17.48 |
| 12H | 4H | 11.16 | 11.50 | 12.32 | 12.65 | 14.23 | 13.74 | 14.07 | 14.90 | 15.22 | 16.81 |
| | 6H | 11.48 | 11.75 | 12.65 | 12.91 | 14.50 | 14.21 | 14.48 | 15.38 | 15.63 | 17.23 |
| | 8H | 11.54 | 11.77 | 12.71 | 12.93 | 14.56 | 14.36 | 14.60 | 15.54 | 15.75 | 17.38 |