

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: P934915

Luminaire Tested: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934915
REPORT IS A COMBINATION OF REPORTS P933719 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

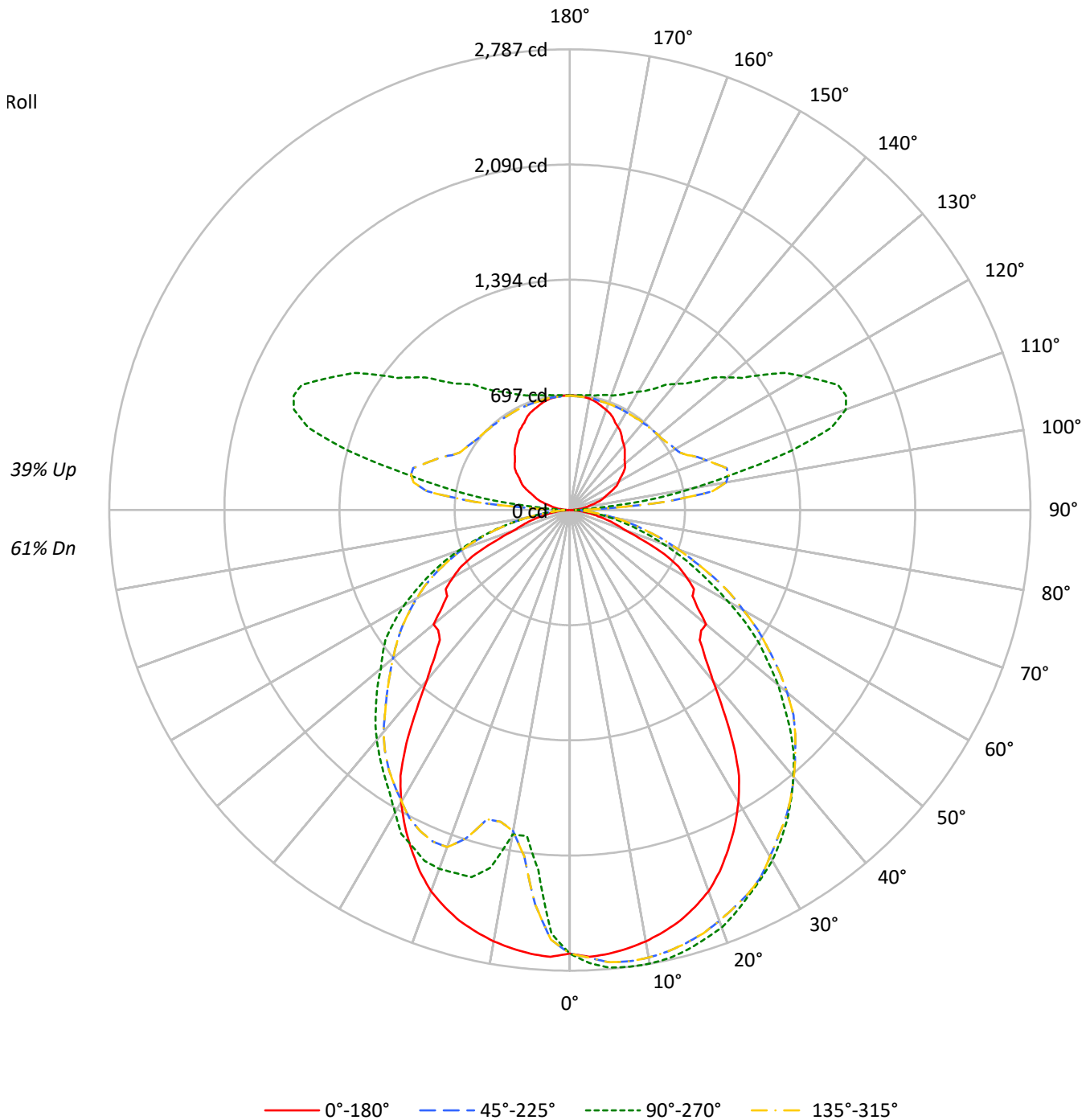
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11450.0 lumens
Efficiency: N/A
Efficacy: 123.1 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): 93
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: P934915
CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

Luminous Intensity Polar Plot





TEST NUMBER: P934915

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-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 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 89 | 89 | 89 | 77 | 77 | 77 | 66 | 66 | 66 | 66 | 66 | 66 | 61 |
| 1 | 100 | 96 | 92 | 88 | 94 | 90 | 86 | 83 | 79 | 76 | 74 | 68 | 66 | 65 | 59 | 57 | 56 | 56 | 56 | 56 | 51 |
| 2 | 91 | 84 | 78 | 72 | 85 | 79 | 73 | 68 | 69 | 65 | 61 | 60 | 57 | 54 | 52 | 49 | 47 | 47 | 47 | 47 | 43 |
| 3 | 83 | 74 | 66 | 60 | 78 | 69 | 63 | 57 | 61 | 56 | 51 | 53 | 49 | 46 | 46 | 43 | 40 | 40 | 40 | 40 | 36 |
| 4 | 76 | 65 | 57 | 51 | 71 | 61 | 54 | 49 | 54 | 48 | 44 | 47 | 43 | 39 | 41 | 37 | 35 | 35 | 35 | 35 | 31 |
| 5 | 70 | 58 | 50 | 44 | 65 | 55 | 47 | 42 | 48 | 42 | 38 | 42 | 38 | 34 | 37 | 33 | 30 | 30 | 30 | 30 | 27 |
| 6 | 65 | 52 | 44 | 38 | 60 | 49 | 42 | 36 | 44 | 37 | 33 | 38 | 33 | 30 | 33 | 29 | 26 | 26 | 26 | 26 | 24 |
| 7 | 60 | 47 | 39 | 33 | 56 | 45 | 37 | 32 | 39 | 33 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 23 | 23 | 23 | 21 |
| 8 | 55 | 43 | 35 | 29 | 52 | 40 | 33 | 28 | 36 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 21 | 21 | 21 | 19 |
| 9 | 52 | 39 | 31 | 26 | 48 | 37 | 30 | 25 | 33 | 27 | 23 | 29 | 24 | 21 | 26 | 22 | 19 | 19 | 19 | 19 | 17 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 27 | 23 | 30 | 25 | 21 | 27 | 22 | 19 | 24 | 20 | 17 | 17 | 17 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16596 | 16596 | 16596 | 16596 |
| 5° | 16714 | 16753 | 16714 | 13173 |
| 10° | 16596 | 16503 | 16596 | 11798 |
| 15° | 16410 | 16145 | 16410 | 13481 |
| 20° | 16060 | 15722 | 16060 | 13510 |
| 25° | 15351 | 15104 | 15351 | 13223 |
| 30° | 14437 | 14591 | 14437 | 12595 |
| 35° | 12865 | 13942 | 12865 | 11904 |
| 40° | 10713 | 13178 | 10713 | 11382 |
| 45° | 9566 | 12285 | 9566 | 10782 |
| 50° | 10156 | 11218 | 10156 | 10180 |
| 55° | 9545 | 10069 | 9545 | 9831 |
| 60° | 9828 | 8552 | 9828 | 9005 |
| 65° | 8896 | 7069 | 8896 | 7902 |
| 70° | 6145 | 5634 | 6145 | 6624 |
| 75° | 5369 | 4165 | 5369 | 4987 |
| 80° | 4296 | 2753 | 4296 | 2998 |
| 85° | 2421 | 1458 | 2421 | 1240 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14671 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 242.2 | 2.1 |
| 10°-20° | 687.6 | 6.0 |
| 20°-30° | 1062.9 | 9.3 |
| 30°-40° | 1268.9 | 11.1 |
| 40°-50° | 1276.3 | 11.1 |
| 50°-60° | 1110.5 | 9.7 |
| 60°-70° | 787.4 | 6.9 |
| 70°-80° | 416.6 | 3.6 |
| 80°-90° | 106.4 | 0.9 |
| 90°-100° | 337.7 | 2.9 |
| 100°-110° | 887.9 | 7.8 |
| 110°-120° | 920.6 | 8.0 |
| 120°-130° | 738.5 | 6.4 |
| 130°-140° | 579.4 | 5.1 |
| 140°-150° | 444.7 | 3.9 |
| 150°-160° | 320.3 | 2.8 |
| 160°-170° | 196.0 | 1.7 |
| 170°-180° | 66.2 | 0.6 |
| 0°-30° | 1992.6 | 17.4 |
| 0°-40° | 3261.5 | 28.5 |
| 0°-60° | 5648.3 | 49.3 |
| 0°-90° | 6958.6 | 60.8 |
| 90°-120° | 2146.2 | 18.7 |
| 90°-150° | 3908.9 | 34.1 |
| 90°-180° | 4491.0 | 39.2 |
| 0°-180° | 11450.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2683 | 2683 | 2683 | 2683 | 2683 | |
| 5° | 2696 | 2779 | 2696 | 2185 | 2696 | 256 |
| 15° | 2574 | 2754 | 2574 | 2300 | 2574 | 724 |
| 25° | 2266 | 2569 | 2266 | 2249 | 2266 | 1041 |
| 35° | 1723 | 2292 | 1723 | 1957 | 1723 | 1066 |
| 45° | 1112 | 1888 | 1112 | 1657 | 1112 | 891 |
| 55° | 906 | 1393 | 906 | 1360 | 906 | 833 |
| 65° | 630 | 840 | 630 | 939 | 630 | 602 |
| 75° | 239 | 398 | 239 | 477 | 239 | 251 |
| 85° | 41 | 102 | 41 | 86 | 41 | 55 |
| 90° | 5 | 18 | 5 | 18 | 5 | 6 |
| 95° | 45 | 204 | 45 | 204 | 45 | 50 |
| 105° | 160 | 1390 | 160 | 1390 | 160 | 170 |
| 115° | 284 | 1790 | 284 | 1790 | 284 | 281 |
| 125° | 395 | 1426 | 395 | 1426 | 395 | 351 |
| 135° | 471 | 1106 | 471 | 1106 | 471 | 364 |
| 145° | 546 | 897 | 546 | 897 | 546 | 342 |
| 155° | 618 | 773 | 618 | 773 | 618 | 284 |
| 165° | 666 | 720 | 666 | 720 | 666 | 188 |
| 175° | 693 | 698 | 693 | 698 | 693 | 66 |
| 180° | 693 | 693 | 693 | 693 | 693 | |



TEST NUMBER: P934915
 CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 |
| 2.5° | 2705.6 | 2705.6 | 2720.9 | 2725.9 | 2725.9 | 2718.3 | 2710.7 | 2718.3 | 2741.2 | 2748.8 | 2746.2 |
| 5° | 2695.5 | 2715.8 | 2743.7 | 2748.8 | 2753.9 | 2751.3 | 2746.2 | 2751.3 | 2776.7 | 2781.8 | 2784.3 |
| 7.5° | 2675.2 | 2713.2 | 2748.8 | 2756.4 | 2764.0 | 2756.4 | 2753.9 | 2758.9 | 2784.3 | 2789.4 | 2789.4 |
| 10° | 2649.8 | 2703.1 | 2743.7 | 2748.8 | 2756.4 | 2748.8 | 2748.8 | 2758.9 | 2784.3 | 2789.4 | 2791.9 |
| 12.5° | 2614.3 | 2687.9 | 2725.9 | 2731.0 | 2741.2 | 2738.6 | 2736.1 | 2746.2 | 2771.6 | 2776.7 | 2776.7 |
| 15° | 2573.7 | 2659.9 | 2695.5 | 2700.6 | 2718.3 | 2713.2 | 2713.2 | 2723.4 | 2751.3 | 2758.9 | 2756.4 |
| 17.5° | 2517.8 | 2624.4 | 2665.0 | 2672.6 | 2685.3 | 2682.8 | 2685.3 | 2695.5 | 2720.9 | 2725.9 | 2728.5 |
| 20° | 2454.4 | 2576.2 | 2624.4 | 2632.0 | 2644.7 | 2644.7 | 2644.7 | 2657.4 | 2682.8 | 2692.9 | 2692.9 |
| 22.5° | 2368.1 | 2525.4 | 2576.2 | 2581.3 | 2596.5 | 2596.5 | 2601.6 | 2619.3 | 2642.2 | 2644.7 | 2644.7 |
| 25° | 2266.5 | 2469.6 | 2512.7 | 2528.0 | 2543.2 | 2550.8 | 2558.4 | 2568.6 | 2576.2 | 2573.7 | 2576.2 |
| 27.5° | 2159.9 | 2398.5 | 2454.4 | 2464.5 | 2484.8 | 2492.4 | 2502.6 | 2505.1 | 2507.7 | 2515.3 | 2510.2 |
| 30° | 2040.6 | 2299.5 | 2383.3 | 2393.4 | 2426.4 | 2431.5 | 2421.4 | 2426.4 | 2439.1 | 2444.2 | 2449.3 |
| 32.5° | 1906.1 | 2152.3 | 2309.7 | 2332.5 | 2363.0 | 2347.8 | 2345.2 | 2352.8 | 2373.1 | 2373.1 | 2378.2 |
| 35° | 1723.4 | 2038.1 | 2241.2 | 2261.5 | 2284.3 | 2266.5 | 2276.7 | 2279.2 | 2291.9 | 2299.5 | 2297.0 |
| 37.5° | 1522.9 | 1939.1 | 2170.1 | 2185.3 | 2203.1 | 2180.2 | 2195.5 | 2203.1 | 2213.2 | 2208.2 | 2208.2 |
| 40° | 1345.2 | 1784.3 | 2086.3 | 2096.5 | 2111.7 | 2093.9 | 2109.2 | 2114.3 | 2119.3 | 2114.3 | 2111.7 |
| 42.5° | 1213.2 | 1614.2 | 1997.5 | 2010.2 | 2000.0 | 2012.7 | 2017.8 | 2028.0 | 2020.3 | 2010.2 | 2010.2 |
| 45° | 1111.7 | 1568.6 | 1901.0 | 1916.3 | 1901.0 | 1921.4 | 1929.0 | 1929.0 | 1906.1 | 1901.0 | 1898.5 |
| 47.5° | 1078.7 | 1477.2 | 1804.6 | 1804.6 | 1797.0 | 1822.4 | 1835.1 | 1817.3 | 1794.4 | 1786.8 | 1786.8 |
| 50° | 1076.2 | 1375.7 | 1672.6 | 1662.5 | 1698.0 | 1728.5 | 1715.8 | 1698.0 | 1680.2 | 1652.3 | 1652.3 |
| 52.5° | 977.2 | 1251.3 | 1502.6 | 1540.6 | 1596.5 | 1614.2 | 1593.9 | 1576.2 | 1545.7 | 1533.0 | 1522.9 |
| 55° | 906.1 | 1121.8 | 1347.7 | 1423.9 | 1482.3 | 1505.1 | 1467.0 | 1449.3 | 1403.6 | 1396.0 | 1390.9 |
| 57.5° | 890.9 | 934.0 | 1205.6 | 1302.1 | 1373.1 | 1370.6 | 1347.7 | 1314.7 | 1276.7 | 1269.1 | 1266.5 |
| 60° | 817.3 | 675.1 | 1053.3 | 1167.5 | 1241.1 | 1233.5 | 1213.2 | 1182.8 | 1147.2 | 1142.2 | 1137.1 |
| 62.5° | 741.1 | 489.9 | 880.7 | 1010.2 | 1114.2 | 1111.7 | 1093.9 | 1048.2 | 1022.9 | 1010.2 | 1000.0 |
| 65° | 629.5 | 411.2 | 626.9 | 840.1 | 989.9 | 994.9 | 956.9 | 923.9 | 896.0 | 880.7 | 878.2 |
| 67.5° | 479.7 | 335.0 | 423.9 | 700.5 | 870.6 | 865.5 | 817.3 | 802.0 | 766.5 | 758.9 | 743.7 |
| 70° | 355.3 | 223.4 | 294.4 | 568.5 | 753.8 | 741.1 | 703.1 | 685.3 | 652.3 | 634.5 | 624.4 |
| 72.5° | 294.4 | 180.2 | 215.7 | 441.6 | 634.5 | 619.3 | 586.3 | 566.0 | 538.1 | 522.9 | 512.7 |
| 75° | 238.6 | 190.4 | 165.0 | 327.4 | 515.2 | 505.1 | 474.6 | 454.3 | 431.5 | 411.2 | 413.7 |
| 77.5° | 175.1 | 177.7 | 132.0 | 241.1 | 408.6 | 393.4 | 375.6 | 350.3 | 340.1 | 319.8 | 319.8 |
| 80° | 132.0 | 139.6 | 99.0 | 165.0 | 294.4 | 294.4 | 279.2 | 261.4 | 243.7 | 233.5 | 233.5 |
| 82.5° | 88.8 | 88.8 | 73.6 | 104.1 | 200.5 | 192.9 | 182.7 | 177.7 | 167.5 | 162.4 | 162.4 |
| 85° | 40.6 | 50.8 | 45.7 | 63.5 | 109.1 | 114.2 | 114.2 | 109.1 | 106.6 | 101.5 | 104.1 |
| 87.5° | 12.7 | 22.8 | 27.9 | 35.5 | 55.8 | 58.4 | 60.9 | 60.9 | 60.9 | 63.5 | 63.5 |
| 90° | 4.6 | 8.3 | 12.1 | 13.0 | 20.4 | 30.3 | 35.3 | 31.4 | 23.6 | 17.7 | 17.7 |
| 92.5° | 18.6 | 50.2 | 81.8 | 89.7 | 126.1 | 174.7 | 199.0 | 174.4 | 125.2 | 88.3 | 84.8 |
| 95° | 44.6 | 102.5 | 160.3 | 174.8 | 310.4 | 491.3 | 581.7 | 519.1 | 393.8 | 299.9 | 289.3 |
| 97.5° | 77.2 | 128.2 | 179.2 | 192.0 | 418.2 | 719.7 | 870.5 | 830.9 | 751.8 | 692.4 | 672.1 |
| 100° | 102.3 | 148.6 | 194.9 | 206.5 | 457.4 | 792.0 | 959.3 | 962.2 | 968.0 | 972.3 | 948.2 |
| 102.5° | 123.7 | 166.9 | 210.1 | 220.9 | 475.4 | 814.7 | 984.4 | 1034.8 | 1135.7 | 1211.3 | 1190.6 |
| 105° | 160.0 | 196.6 | 233.2 | 242.3 | 488.7 | 817.3 | 981.6 | 1094.6 | 1320.7 | 1490.3 | 1479.2 |
| 107.5° | 197.2 | 231.3 | 265.4 | 273.9 | 491.2 | 780.9 | 925.8 | 1083.5 | 1398.9 | 1635.4 | 1638.1 |
| 110° | 222.3 | 253.1 | 283.8 | 291.5 | 487.4 | 748.7 | 879.3 | 1055.6 | 1408.2 | 1672.6 | 1684.2 |



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CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 246.9 | 276.2 | 305.6 | 312.9 | 487.6 | 720.5 | 837.0 | 1017.4 | 1378.2 | 1648.8 | 1666.6 |
| 115° | 284.1 | 311.2 | 338.2 | 345.0 | 492.1 | 688.2 | 786.3 | 960.1 | 1307.7 | 1568.4 | 1593.0 |
| 117.5° | 320.8 | 345.4 | 370.0 | 376.2 | 501.3 | 668.0 | 751.4 | 908.3 | 1222.0 | 1457.3 | 1484.6 |
| 120° | 342.2 | 365.4 | 388.5 | 394.3 | 508.7 | 661.2 | 737.5 | 880.8 | 1167.4 | 1382.4 | 1409.0 |
| 122.5° | 363.2 | 386.5 | 409.9 | 415.7 | 519.4 | 657.7 | 726.8 | 855.8 | 1113.9 | 1307.5 | 1333.7 |
| 125° | 395.2 | 416.5 | 437.8 | 443.1 | 533.8 | 654.7 | 715.2 | 824.8 | 1044.1 | 1208.5 | 1232.6 |
| 127.5° | 421.3 | 442.8 | 464.2 | 469.6 | 548.2 | 653.0 | 705.4 | 799.5 | 987.8 | 1129.0 | 1149.4 |
| 130° | 435.2 | 458.4 | 481.5 | 487.3 | 558.8 | 654.1 | 701.7 | 785.5 | 953.1 | 1078.8 | 1097.6 |
| 132.5° | 449.6 | 472.8 | 495.9 | 501.7 | 567.3 | 654.7 | 698.4 | 773.4 | 923.5 | 1036.0 | 1052.8 |
| 135° | 471.0 | 492.1 | 513.2 | 518.5 | 576.6 | 654.1 | 692.8 | 755.6 | 881.3 | 975.5 | 990.0 |
| 137.5° | 492.9 | 513.7 | 534.6 | 539.8 | 590.5 | 658.1 | 691.9 | 745.0 | 851.2 | 930.9 | 942.8 |
| 140° | 511.0 | 530.2 | 549.5 | 554.3 | 599.1 | 658.8 | 688.6 | 734.5 | 826.3 | 895.1 | 906.2 |
| 142.5° | 525.0 | 542.8 | 560.6 | 565.0 | 606.2 | 661.1 | 688.6 | 728.9 | 809.5 | 870.0 | 879.6 |
| 145° | 546.4 | 561.9 | 577.3 | 581.2 | 615.5 | 661.2 | 684.0 | 717.0 | 782.9 | 832.3 | 839.5 |
| 147.5° | 567.7 | 582.8 | 597.9 | 601.7 | 629.1 | 665.7 | 684.0 | 709.9 | 761.8 | 800.7 | 806.7 |
| 150° | 581.7 | 595.3 | 609.0 | 612.4 | 636.3 | 668.1 | 684.0 | 705.9 | 749.7 | 782.6 | 787.5 |
| 152.5° | 596.1 | 606.5 | 616.8 | 619.4 | 640.9 | 669.6 | 684.0 | 702.7 | 740.1 | 768.2 | 771.9 |
| 155° | 617.5 | 625.1 | 632.8 | 634.7 | 651.1 | 673.0 | 684.0 | 698.9 | 728.7 | 751.0 | 753.4 |
| 157.5° | 633.3 | 640.8 | 648.2 | 650.1 | 661.4 | 676.5 | 684.0 | 695.6 | 718.7 | 736.1 | 737.8 |
| 160° | 644.0 | 649.8 | 655.6 | 657.0 | 666.0 | 678.0 | 684.0 | 693.9 | 713.7 | 728.6 | 729.6 |
| 162.5° | 654.7 | 659.1 | 663.4 | 664.5 | 671.0 | 679.7 | 684.0 | 692.4 | 709.1 | 721.7 | 722.6 |
| 165° | 666.3 | 670.3 | 674.2 | 675.2 | 678.1 | 682.0 | 684.0 | 690.0 | 702.0 | 711.0 | 712.0 |
| 167.5° | 677.0 | 678.9 | 680.7 | 681.2 | 683.7 | 687.0 | 688.6 | 692.5 | 700.4 | 706.3 | 706.7 |
| 170° | 684.0 | 685.9 | 687.7 | 688.2 | 688.3 | 688.5 | 688.6 | 692.5 | 700.4 | 706.3 | 706.3 |
| 172.5° | 687.7 | 688.1 | 688.5 | 688.6 | 688.6 | 688.6 | 688.6 | 691.7 | 697.9 | 702.6 | 702.2 |
| 175° | 692.8 | 692.8 | 692.8 | 692.8 | 691.4 | 689.5 | 688.6 | 690.6 | 694.5 | 697.5 | 697.5 |
| 177.5° | 692.8 | 692.8 | 692.8 | 692.8 | 691.7 | 690.3 | 689.6 | 691.2 | 694.3 | 696.6 | 696.2 |
| 180° | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 |



TEST NUMBER: P934915

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 |
| 2.5° | 2751.3 | 2743.7 | 2751.3 | 2746.2 | 2748.8 | 2741.2 | 2718.3 | 2710.7 | 2718.3 | 2725.9 | 2725.9 |
| 5° | 2784.3 | 2779.2 | 2784.3 | 2784.3 | 2781.8 | 2776.7 | 2751.3 | 2746.2 | 2751.3 | 2753.9 | 2748.8 |
| 7.5° | 2794.5 | 2786.9 | 2794.5 | 2789.4 | 2789.4 | 2784.3 | 2758.9 | 2753.9 | 2756.4 | 2764.0 | 2756.4 |
| 10° | 2794.5 | 2786.9 | 2794.5 | 2791.9 | 2789.4 | 2784.3 | 2758.9 | 2748.8 | 2748.8 | 2756.4 | 2748.8 |
| 12.5° | 2781.8 | 2776.7 | 2781.8 | 2776.7 | 2776.7 | 2771.6 | 2746.2 | 2736.1 | 2738.6 | 2741.2 | 2731.0 |
| 15° | 2761.5 | 2753.9 | 2761.5 | 2756.4 | 2758.9 | 2751.3 | 2723.4 | 2713.2 | 2713.2 | 2718.3 | 2700.6 |
| 17.5° | 2731.0 | 2720.9 | 2731.0 | 2728.5 | 2725.9 | 2720.9 | 2695.5 | 2685.3 | 2682.8 | 2685.3 | 2672.6 |
| 20° | 2695.5 | 2687.9 | 2695.5 | 2692.9 | 2692.9 | 2682.8 | 2657.4 | 2644.7 | 2644.7 | 2644.7 | 2632.0 |
| 22.5° | 2639.6 | 2632.0 | 2639.6 | 2644.7 | 2644.7 | 2642.2 | 2619.3 | 2601.6 | 2596.5 | 2596.5 | 2581.3 |
| 25° | 2576.2 | 2568.6 | 2576.2 | 2576.2 | 2573.7 | 2576.2 | 2568.6 | 2558.4 | 2550.8 | 2543.2 | 2528.0 |
| 27.5° | 2515.3 | 2510.2 | 2515.3 | 2510.2 | 2515.3 | 2507.7 | 2505.1 | 2502.6 | 2492.4 | 2484.8 | 2464.5 |
| 30° | 2454.4 | 2449.3 | 2454.4 | 2449.3 | 2444.2 | 2439.1 | 2426.4 | 2421.4 | 2431.5 | 2426.4 | 2393.4 |
| 32.5° | 2378.2 | 2373.1 | 2378.2 | 2378.2 | 2373.1 | 2373.1 | 2352.8 | 2345.2 | 2347.8 | 2363.0 | 2332.5 |
| 35° | 2299.5 | 2291.9 | 2299.5 | 2297.0 | 2299.5 | 2291.9 | 2279.2 | 2276.7 | 2266.5 | 2284.3 | 2261.5 |
| 37.5° | 2208.2 | 2200.5 | 2208.2 | 2208.2 | 2208.2 | 2213.2 | 2203.1 | 2195.5 | 2180.2 | 2203.1 | 2185.3 |
| 40° | 2114.3 | 2104.1 | 2114.3 | 2111.7 | 2114.3 | 2119.3 | 2114.3 | 2109.2 | 2093.9 | 2111.7 | 2096.5 |
| 42.5° | 2007.7 | 2005.1 | 2007.7 | 2010.2 | 2010.2 | 2020.3 | 2028.0 | 2017.8 | 2012.7 | 2000.0 | 2010.2 |
| 45° | 1893.4 | 1888.4 | 1893.4 | 1898.5 | 1901.0 | 1906.1 | 1929.0 | 1929.0 | 1921.4 | 1901.0 | 1916.3 |
| 47.5° | 1771.6 | 1758.9 | 1771.6 | 1786.8 | 1786.8 | 1794.4 | 1817.3 | 1835.1 | 1822.4 | 1797.0 | 1804.6 |
| 50° | 1642.2 | 1644.7 | 1642.2 | 1652.3 | 1652.3 | 1680.2 | 1698.0 | 1715.8 | 1728.5 | 1698.0 | 1662.5 |
| 52.5° | 1515.3 | 1512.7 | 1515.3 | 1522.9 | 1533.0 | 1545.7 | 1576.2 | 1593.9 | 1614.2 | 1596.5 | 1540.6 |
| 55° | 1388.3 | 1393.4 | 1388.3 | 1390.9 | 1396.0 | 1403.6 | 1449.3 | 1467.0 | 1505.1 | 1482.3 | 1423.9 |
| 57.5° | 1261.4 | 1253.8 | 1261.4 | 1266.5 | 1269.1 | 1276.7 | 1314.7 | 1347.7 | 1370.6 | 1373.1 | 1302.1 |
| 60° | 1114.2 | 1104.1 | 1114.2 | 1137.1 | 1142.2 | 1147.2 | 1182.8 | 1213.2 | 1233.5 | 1241.1 | 1167.5 |
| 62.5° | 984.8 | 967.0 | 984.8 | 1000.0 | 1010.2 | 1022.9 | 1048.2 | 1093.9 | 1111.7 | 1114.2 | 1010.2 |
| 65° | 847.7 | 840.1 | 847.7 | 878.2 | 880.7 | 896.0 | 923.9 | 956.9 | 994.9 | 989.9 | 840.1 |
| 67.5° | 723.4 | 723.4 | 723.4 | 743.7 | 758.9 | 766.5 | 802.0 | 817.3 | 865.5 | 870.6 | 700.5 |
| 70° | 609.1 | 606.6 | 609.1 | 624.4 | 634.5 | 652.3 | 685.3 | 703.1 | 741.1 | 753.8 | 568.5 |
| 72.5° | 500.0 | 497.5 | 500.0 | 512.7 | 522.9 | 538.1 | 566.0 | 586.3 | 619.3 | 634.5 | 441.6 |
| 75° | 403.6 | 398.5 | 403.6 | 413.7 | 411.2 | 431.5 | 454.3 | 474.6 | 505.1 | 515.2 | 327.4 |
| 77.5° | 309.7 | 309.7 | 309.7 | 319.8 | 319.8 | 340.1 | 350.3 | 375.6 | 393.4 | 408.6 | 241.1 |
| 80° | 231.0 | 228.4 | 231.0 | 233.5 | 233.5 | 243.7 | 261.4 | 279.2 | 294.4 | 294.4 | 165.0 |
| 82.5° | 162.4 | 157.4 | 162.4 | 162.4 | 162.4 | 167.5 | 177.7 | 182.7 | 192.9 | 200.5 | 104.1 |
| 85° | 101.5 | 101.5 | 101.5 | 104.1 | 101.5 | 106.6 | 109.1 | 114.2 | 114.2 | 109.1 | 63.5 |
| 87.5° | 66.0 | 63.5 | 66.0 | 63.5 | 63.5 | 60.9 | 60.9 | 60.9 | 58.4 | 55.8 | 35.5 |
| 90° | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 23.6 | 31.4 | 35.3 | 30.3 | 20.4 | 13.0 |
| 92.5° | 70.7 | 56.7 | 70.7 | 84.8 | 88.3 | 125.2 | 174.4 | 199.0 | 174.7 | 126.1 | 89.7 |
| 95° | 246.7 | 204.1 | 246.7 | 289.3 | 299.9 | 393.8 | 519.1 | 581.7 | 491.3 | 310.4 | 174.8 |
| 97.5° | 591.1 | 510.1 | 591.1 | 672.1 | 692.4 | 751.8 | 830.9 | 870.5 | 719.7 | 418.2 | 192.0 |
| 100° | 851.6 | 755.1 | 851.6 | 948.2 | 972.3 | 968.0 | 962.2 | 959.3 | 792.0 | 457.4 | 206.5 |
| 102.5° | 1108.0 | 1025.3 | 1108.0 | 1190.6 | 1211.3 | 1135.7 | 1034.8 | 984.4 | 814.7 | 475.4 | 220.9 |
| 105° | 1434.7 | 1390.3 | 1434.7 | 1479.2 | 1490.3 | 1320.7 | 1094.6 | 981.6 | 817.3 | 488.7 | 242.3 |
| 107.5° | 1648.8 | 1659.5 | 1648.8 | 1638.1 | 1635.4 | 1398.9 | 1083.5 | 925.8 | 780.9 | 491.2 | 273.9 |
| 110° | 1730.4 | 1776.7 | 1730.4 | 1684.2 | 1672.6 | 1408.2 | 1055.6 | 879.3 | 748.7 | 487.4 | 291.5 |



TEST NUMBER: P934915

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 112.5° | 1737.7 | 1808.8 | 1737.7 | 1666.6 | 1648.8 | 1378.2 | 1017.4 | 837.0 | 720.5 | 487.6 | 312.9 |
| 115° | 1691.6 | 1790.2 | 1691.6 | 1593.0 | 1568.4 | 1307.7 | 960.1 | 786.3 | 688.2 | 492.1 | 345.0 |
| 117.5° | 1593.9 | 1703.2 | 1593.9 | 1484.6 | 1457.3 | 1222.0 | 908.3 | 751.4 | 668.0 | 501.3 | 376.2 |
| 120° | 1515.2 | 1621.4 | 1515.2 | 1409.0 | 1382.4 | 1167.4 | 880.8 | 737.5 | 661.2 | 508.7 | 394.3 |
| 122.5° | 1438.5 | 1543.3 | 1438.5 | 1333.7 | 1307.5 | 1113.9 | 855.8 | 726.8 | 657.7 | 519.4 | 415.7 |
| 125° | 1329.2 | 1425.7 | 1329.2 | 1232.6 | 1208.5 | 1044.1 | 824.8 | 715.2 | 654.7 | 533.8 | 443.1 |
| 127.5° | 1230.8 | 1312.2 | 1230.8 | 1149.4 | 1129.0 | 987.8 | 799.5 | 705.4 | 653.0 | 548.2 | 469.6 |
| 130° | 1172.8 | 1248.0 | 1172.8 | 1097.6 | 1078.8 | 953.1 | 785.5 | 701.7 | 654.1 | 558.8 | 487.3 |
| 132.5° | 1120.2 | 1187.6 | 1120.2 | 1052.8 | 1036.0 | 923.5 | 773.4 | 698.4 | 654.7 | 567.3 | 501.7 |
| 135° | 1048.1 | 1106.2 | 1048.1 | 990.0 | 975.5 | 881.3 | 755.6 | 692.8 | 654.1 | 576.6 | 518.5 |
| 137.5° | 990.3 | 1037.9 | 990.3 | 942.8 | 930.9 | 851.2 | 745.0 | 691.9 | 658.1 | 590.5 | 539.8 |
| 140° | 950.7 | 995.1 | 950.7 | 906.2 | 895.1 | 826.3 | 734.5 | 688.6 | 658.8 | 599.1 | 554.3 |
| 142.5° | 917.8 | 956.0 | 917.8 | 879.6 | 870.0 | 809.5 | 728.9 | 688.6 | 661.1 | 606.2 | 565.0 |
| 145° | 868.5 | 897.4 | 868.5 | 839.5 | 832.3 | 782.9 | 717.0 | 684.0 | 661.2 | 615.5 | 581.2 |
| 147.5° | 830.6 | 854.6 | 830.6 | 806.7 | 800.7 | 761.8 | 709.9 | 684.0 | 665.7 | 629.1 | 601.7 |
| 150° | 806.9 | 826.3 | 806.9 | 787.5 | 782.6 | 749.7 | 705.9 | 684.0 | 668.1 | 636.3 | 612.4 |
| 152.5° | 786.5 | 801.2 | 786.5 | 771.9 | 768.2 | 740.1 | 702.7 | 684.0 | 669.6 | 640.9 | 619.4 |
| 155° | 763.1 | 772.8 | 763.1 | 753.4 | 751.0 | 728.7 | 698.9 | 684.0 | 673.0 | 651.1 | 634.7 |
| 157.5° | 744.6 | 751.4 | 744.6 | 737.8 | 736.1 | 718.7 | 695.6 | 684.0 | 676.5 | 661.4 | 650.1 |
| 160° | 733.5 | 737.5 | 733.5 | 729.6 | 728.6 | 713.7 | 693.9 | 684.0 | 678.0 | 666.0 | 657.0 |
| 162.5° | 726.3 | 730.0 | 726.3 | 722.6 | 721.7 | 709.1 | 692.4 | 684.0 | 679.7 | 671.0 | 664.5 |
| 165° | 715.9 | 719.8 | 715.9 | 712.0 | 711.0 | 702.0 | 690.0 | 684.0 | 682.0 | 678.1 | 675.2 |
| 167.5° | 708.4 | 710.0 | 708.4 | 706.7 | 706.3 | 700.4 | 692.5 | 688.6 | 687.0 | 683.7 | 681.2 |
| 170° | 706.3 | 706.3 | 706.3 | 706.3 | 706.3 | 700.4 | 692.5 | 688.6 | 688.5 | 688.3 | 688.2 |
| 172.5° | 700.8 | 699.3 | 700.8 | 702.2 | 702.6 | 697.9 | 691.7 | 688.6 | 688.6 | 688.6 | 688.6 |
| 175° | 697.5 | 697.5 | 697.5 | 697.5 | 697.5 | 694.5 | 690.6 | 688.6 | 689.5 | 691.4 | 692.8 |
| 177.5° | 694.5 | 692.8 | 694.5 | 696.2 | 696.6 | 694.3 | 691.2 | 689.6 | 690.3 | 691.7 | 692.8 |
| 180° | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 |



TEST NUMBER: P934915

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 |
| 2.5° | 2720.9 | 2705.6 | 2705.6 | 2680.3 | 2670.1 | 2662.5 | 2649.8 | 2611.7 | 2601.6 | 2591.4 | 2606.6 |
| 5° | 2743.7 | 2715.8 | 2695.5 | 2649.8 | 2611.7 | 2596.5 | 2548.3 | 2456.9 | 2396.0 | 2350.3 | 2324.9 |
| 7.5° | 2748.8 | 2713.2 | 2675.2 | 2604.1 | 2512.7 | 2472.1 | 2324.9 | 2157.4 | 2111.7 | 2071.1 | 2045.7 |
| 10° | 2743.7 | 2703.1 | 2649.8 | 2543.2 | 2327.5 | 2256.4 | 2109.2 | 2000.0 | 1972.1 | 1964.5 | 1972.1 |
| 12.5° | 2725.9 | 2687.9 | 2614.3 | 2436.6 | 2134.6 | 2086.3 | 2000.0 | 1936.6 | 1931.5 | 1944.2 | 2012.7 |
| 15° | 2695.5 | 2659.9 | 2573.7 | 2294.5 | 2028.0 | 1992.4 | 1931.5 | 1908.7 | 1936.6 | 2025.4 | 2231.0 |
| 17.5° | 2665.0 | 2624.4 | 2517.8 | 2154.9 | 1946.7 | 1921.4 | 1878.2 | 1923.9 | 2081.3 | 2200.5 | 2269.1 |
| 20° | 2624.4 | 2576.2 | 2454.4 | 2053.3 | 1888.4 | 1865.5 | 1845.2 | 2050.8 | 2170.1 | 2213.2 | 2251.3 |
| 22.5° | 2576.2 | 2525.4 | 2368.1 | 1982.3 | 1827.4 | 1809.7 | 1822.4 | 2121.9 | 2170.1 | 2200.5 | 2233.5 |
| 25° | 2512.7 | 2469.6 | 2266.5 | 1926.4 | 1779.2 | 1758.9 | 1807.1 | 2114.3 | 2142.2 | 2149.8 | 2215.8 |
| 27.5° | 2454.4 | 2398.5 | 2159.9 | 1875.7 | 1720.8 | 1713.2 | 1819.8 | 2081.3 | 2101.6 | 2109.2 | 2180.2 |
| 30° | 2383.3 | 2299.5 | 2040.6 | 1822.4 | 1659.9 | 1657.4 | 1822.4 | 2040.6 | 2035.6 | 2055.9 | 2126.9 |
| 32.5° | 2309.7 | 2152.3 | 1906.1 | 1756.4 | 1601.6 | 1599.0 | 1804.6 | 1979.7 | 1974.7 | 2002.6 | 2055.9 |
| 35° | 2241.2 | 2038.1 | 1723.4 | 1680.2 | 1527.9 | 1530.5 | 1761.5 | 1908.7 | 1911.2 | 1936.6 | 1969.6 |
| 37.5° | 2170.1 | 1939.1 | 1522.9 | 1596.5 | 1456.9 | 1456.9 | 1703.1 | 1842.7 | 1837.6 | 1845.2 | 1890.9 |
| 40° | 2086.3 | 1784.3 | 1345.2 | 1487.3 | 1390.9 | 1383.3 | 1632.0 | 1771.6 | 1753.8 | 1751.3 | 1814.8 |
| 42.5° | 1997.5 | 1614.2 | 1213.2 | 1342.7 | 1314.7 | 1304.6 | 1545.7 | 1685.3 | 1652.3 | 1659.9 | 1741.1 |
| 45° | 1901.0 | 1568.6 | 1111.7 | 1134.5 | 1236.1 | 1228.4 | 1451.8 | 1586.3 | 1563.5 | 1583.8 | 1667.5 |
| 47.5° | 1804.6 | 1477.2 | 1078.7 | 941.6 | 1152.3 | 1149.8 | 1347.7 | 1489.9 | 1477.2 | 1497.5 | 1586.3 |
| 50° | 1672.6 | 1375.7 | 1076.2 | 807.1 | 1058.4 | 1068.5 | 1223.4 | 1396.0 | 1396.0 | 1413.7 | 1507.6 |
| 52.5° | 1502.6 | 1251.3 | 977.2 | 731.0 | 949.3 | 979.7 | 1114.2 | 1314.7 | 1319.8 | 1337.6 | 1421.3 |
| 55° | 1347.7 | 1121.8 | 906.1 | 672.6 | 819.8 | 885.8 | 1007.6 | 1231.0 | 1241.1 | 1258.9 | 1335.0 |
| 57.5° | 1205.6 | 934.0 | 890.9 | 604.1 | 700.5 | 764.0 | 913.7 | 1149.8 | 1154.8 | 1170.1 | 1243.7 |
| 60° | 1053.3 | 675.1 | 817.3 | 530.5 | 596.5 | 644.7 | 827.4 | 1053.3 | 1071.1 | 1081.2 | 1144.7 |
| 62.5° | 880.7 | 489.9 | 741.1 | 479.7 | 545.7 | 555.8 | 756.4 | 961.9 | 984.8 | 992.4 | 1030.5 |
| 65° | 626.9 | 411.2 | 629.5 | 436.6 | 492.4 | 494.9 | 680.2 | 868.0 | 888.3 | 901.0 | 929.0 |
| 67.5° | 423.9 | 335.0 | 479.7 | 395.9 | 451.8 | 454.3 | 606.6 | 758.9 | 786.8 | 797.0 | 814.7 |
| 70° | 294.4 | 223.4 | 355.3 | 352.8 | 406.1 | 411.2 | 527.9 | 659.9 | 685.3 | 692.9 | 703.1 |
| 72.5° | 215.7 | 180.2 | 294.4 | 317.3 | 357.9 | 363.0 | 446.7 | 548.2 | 573.6 | 581.2 | 586.3 |
| 75° | 165.0 | 190.4 | 238.6 | 276.7 | 304.6 | 307.1 | 365.5 | 446.7 | 464.5 | 469.6 | 472.1 |
| 77.5° | 132.0 | 177.7 | 175.1 | 223.4 | 248.7 | 243.7 | 286.8 | 345.2 | 360.4 | 360.4 | 360.4 |
| 80° | 99.0 | 139.6 | 132.0 | 159.9 | 182.7 | 177.7 | 205.6 | 246.2 | 251.3 | 256.3 | 253.8 |
| 82.5° | 73.6 | 88.8 | 88.8 | 101.5 | 121.8 | 116.8 | 137.1 | 159.9 | 159.9 | 159.9 | 165.0 |
| 85° | 45.7 | 50.8 | 40.6 | 53.3 | 68.5 | 66.0 | 76.1 | 86.3 | 88.8 | 88.8 | 83.8 |
| 87.5° | 27.9 | 22.8 | 12.7 | 20.3 | 30.5 | 30.5 | 35.5 | 38.1 | 35.5 | 35.5 | 35.5 |
| 90° | 12.1 | 8.3 | 4.6 | 8.3 | 12.1 | 13.0 | 20.4 | 30.3 | 35.3 | 31.4 | 23.6 |
| 92.5° | 81.8 | 50.2 | 18.6 | 50.2 | 81.8 | 89.7 | 126.1 | 174.7 | 199.0 | 174.4 | 125.2 |
| 95° | 160.3 | 102.5 | 44.6 | 102.5 | 160.3 | 174.8 | 310.4 | 491.3 | 581.7 | 519.1 | 393.8 |
| 97.5° | 179.2 | 128.2 | 77.2 | 128.2 | 179.2 | 192.0 | 418.2 | 719.7 | 870.5 | 830.9 | 751.8 |
| 100° | 194.9 | 148.6 | 102.3 | 148.6 | 194.9 | 206.5 | 457.4 | 792.0 | 959.3 | 962.2 | 968.0 |
| 102.5° | 210.1 | 166.9 | 123.7 | 166.9 | 210.1 | 220.9 | 475.4 | 814.7 | 984.4 | 1034.8 | 1135.7 |
| 105° | 233.2 | 196.6 | 160.0 | 196.6 | 233.2 | 242.3 | 488.7 | 817.3 | 981.6 | 1094.6 | 1320.7 |
| 107.5° | 265.4 | 231.3 | 197.2 | 231.3 | 265.4 | 273.9 | 491.2 | 780.9 | 925.8 | 1083.5 | 1398.9 |
| 110° | 283.8 | 253.1 | 222.3 | 253.1 | 283.8 | 291.5 | 487.4 | 748.7 | 879.3 | 1055.6 | 1408.2 |



TEST NUMBER: P934915

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|
| 112.5° | 305.6 | 276.2 | 246.9 | 276.2 | 305.6 | 312.9 | 487.6 | 720.5 | 837.0 | 1017.4 | 1378.2 |
| 115° | 338.2 | 311.2 | 284.1 | 311.2 | 338.2 | 345.0 | 492.1 | 688.2 | 786.3 | 960.1 | 1307.7 |
| 117.5° | 370.0 | 345.4 | 320.8 | 345.4 | 370.0 | 376.2 | 501.3 | 668.0 | 751.4 | 908.3 | 1222.0 |
| 120° | 388.5 | 365.4 | 342.2 | 365.4 | 388.5 | 394.3 | 508.7 | 661.2 | 737.5 | 880.8 | 1167.4 |
| 122.5° | 409.9 | 386.5 | 363.2 | 386.5 | 409.9 | 415.7 | 519.4 | 657.7 | 726.8 | 855.8 | 1113.9 |
| 125° | 437.8 | 416.5 | 395.2 | 416.5 | 437.8 | 443.1 | 533.8 | 654.7 | 715.2 | 824.8 | 1044.1 |
| 127.5° | 464.2 | 442.8 | 421.3 | 442.8 | 464.2 | 469.6 | 548.2 | 653.0 | 705.4 | 799.5 | 987.8 |
| 130° | 481.5 | 458.4 | 435.2 | 458.4 | 481.5 | 487.3 | 558.8 | 654.1 | 701.7 | 785.5 | 953.1 |
| 132.5° | 495.9 | 472.8 | 449.6 | 472.8 | 495.9 | 501.7 | 567.3 | 654.7 | 698.4 | 773.4 | 923.5 |
| 135° | 513.2 | 492.1 | 471.0 | 492.1 | 513.2 | 518.5 | 576.6 | 654.1 | 692.8 | 755.6 | 881.3 |
| 137.5° | 534.6 | 513.7 | 492.9 | 513.7 | 534.6 | 539.8 | 590.5 | 658.1 | 691.9 | 745.0 | 851.2 |
| 140° | 549.5 | 530.2 | 511.0 | 530.2 | 549.5 | 554.3 | 599.1 | 658.8 | 688.6 | 734.5 | 826.3 |
| 142.5° | 560.6 | 542.8 | 525.0 | 542.8 | 560.6 | 565.0 | 606.2 | 661.1 | 688.6 | 728.9 | 809.5 |
| 145° | 577.3 | 561.9 | 546.4 | 561.9 | 577.3 | 581.2 | 615.5 | 661.2 | 684.0 | 717.0 | 782.9 |
| 147.5° | 597.9 | 582.8 | 567.7 | 582.8 | 597.9 | 601.7 | 629.1 | 665.7 | 684.0 | 709.9 | 761.8 |
| 150° | 609.0 | 595.3 | 581.7 | 595.3 | 609.0 | 612.4 | 636.3 | 668.1 | 684.0 | 705.9 | 749.7 |
| 152.5° | 616.8 | 606.5 | 596.1 | 606.5 | 616.8 | 619.4 | 640.9 | 669.6 | 684.0 | 702.7 | 740.1 |
| 155° | 632.8 | 625.1 | 617.5 | 625.1 | 632.8 | 634.7 | 651.1 | 673.0 | 684.0 | 698.9 | 728.7 |
| 157.5° | 648.2 | 640.8 | 633.3 | 640.8 | 648.2 | 650.1 | 661.4 | 676.5 | 684.0 | 695.6 | 718.7 |
| 160° | 655.6 | 649.8 | 644.0 | 649.8 | 655.6 | 657.0 | 666.0 | 678.0 | 684.0 | 693.9 | 713.7 |
| 162.5° | 663.4 | 659.1 | 654.7 | 659.1 | 663.4 | 664.5 | 671.0 | 679.7 | 684.0 | 692.4 | 709.1 |
| 165° | 674.2 | 670.3 | 666.3 | 670.3 | 674.2 | 675.2 | 678.1 | 682.0 | 684.0 | 690.0 | 702.0 |
| 167.5° | 680.7 | 678.9 | 677.0 | 678.9 | 680.7 | 681.2 | 683.7 | 687.0 | 688.6 | 692.5 | 700.4 |
| 170° | 687.7 | 685.9 | 684.0 | 685.9 | 687.7 | 688.2 | 688.3 | 688.5 | 688.6 | 692.5 | 700.4 |
| 172.5° | 688.5 | 688.1 | 687.7 | 688.1 | 688.5 | 688.6 | 688.6 | 688.6 | 688.6 | 691.7 | 697.9 |
| 175° | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 691.4 | 689.5 | 688.6 | 690.6 | 694.5 |
| 177.5° | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 691.7 | 690.3 | 689.6 | 691.2 | 694.3 |
| 180° | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 |



TEST NUMBER: P934915
 CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 |
| 2.5° | 2588.9 | 2581.3 | 2591.4 | 2563.5 | 2591.4 | 2581.3 | 2588.9 | 2606.6 | 2591.4 | 2601.6 | 2611.7 |
| 5° | 2271.6 | 2258.9 | 2218.3 | 2185.3 | 2218.3 | 2258.9 | 2271.6 | 2324.9 | 2350.3 | 2396.0 | 2456.9 |
| 7.5° | 2030.5 | 2020.3 | 2010.2 | 1989.9 | 2010.2 | 2020.3 | 2030.5 | 2045.7 | 2071.1 | 2111.7 | 2157.4 |
| 10° | 1977.2 | 1979.7 | 1995.0 | 1992.4 | 1995.0 | 1979.7 | 1977.2 | 1972.1 | 1964.5 | 1972.1 | 2000.0 |
| 12.5° | 2114.3 | 2137.1 | 2220.9 | 2215.8 | 2220.9 | 2137.1 | 2114.3 | 2012.7 | 1944.2 | 1931.5 | 1936.6 |
| 15° | 2271.6 | 2279.2 | 2297.0 | 2299.5 | 2297.0 | 2279.2 | 2271.6 | 2231.0 | 2025.4 | 1936.6 | 1908.7 |
| 17.5° | 2286.8 | 2289.4 | 2302.1 | 2302.1 | 2302.1 | 2289.4 | 2286.8 | 2269.1 | 2200.5 | 2081.3 | 1923.9 |
| 20° | 2274.2 | 2279.2 | 2304.6 | 2309.7 | 2304.6 | 2279.2 | 2274.2 | 2251.3 | 2213.2 | 2170.1 | 2050.8 |
| 22.5° | 2269.1 | 2279.2 | 2299.5 | 2297.0 | 2299.5 | 2279.2 | 2269.1 | 2233.5 | 2200.5 | 2170.1 | 2121.9 |
| 25° | 2243.7 | 2243.7 | 2246.2 | 2248.8 | 2246.2 | 2243.7 | 2243.7 | 2215.8 | 2149.8 | 2142.2 | 2114.3 |
| 27.5° | 2190.4 | 2195.5 | 2210.7 | 2208.2 | 2210.7 | 2195.5 | 2190.4 | 2180.2 | 2109.2 | 2101.6 | 2081.3 |
| 30° | 2142.2 | 2137.1 | 2124.4 | 2114.3 | 2124.4 | 2137.1 | 2142.2 | 2126.9 | 2055.9 | 2035.6 | 2040.6 |
| 32.5° | 2061.0 | 2048.3 | 2035.6 | 2028.0 | 2035.6 | 2048.3 | 2061.0 | 2055.9 | 2002.6 | 1974.7 | 1979.7 |
| 35° | 1964.5 | 1967.0 | 1964.5 | 1956.9 | 1964.5 | 1967.0 | 1964.5 | 1969.6 | 1936.6 | 1911.2 | 1908.7 |
| 37.5° | 1896.0 | 1901.0 | 1898.5 | 1888.4 | 1898.5 | 1901.0 | 1896.0 | 1890.9 | 1845.2 | 1837.6 | 1842.7 |
| 40° | 1824.9 | 1827.4 | 1824.9 | 1817.3 | 1824.9 | 1827.4 | 1824.9 | 1814.8 | 1751.3 | 1753.8 | 1771.6 |
| 42.5° | 1756.4 | 1753.8 | 1746.2 | 1741.1 | 1746.2 | 1753.8 | 1756.4 | 1741.1 | 1659.9 | 1652.3 | 1685.3 |
| 45° | 1677.7 | 1680.2 | 1665.0 | 1657.4 | 1665.0 | 1680.2 | 1677.7 | 1667.5 | 1583.8 | 1563.5 | 1586.3 |
| 47.5° | 1599.0 | 1599.0 | 1586.3 | 1578.7 | 1586.3 | 1599.0 | 1599.0 | 1586.3 | 1497.5 | 1477.2 | 1489.9 |
| 50° | 1515.3 | 1512.7 | 1495.0 | 1492.4 | 1495.0 | 1512.7 | 1515.3 | 1507.6 | 1413.7 | 1396.0 | 1396.0 |
| 52.5° | 1418.8 | 1418.8 | 1421.3 | 1426.4 | 1421.3 | 1418.8 | 1418.8 | 1421.3 | 1337.6 | 1319.8 | 1314.7 |
| 55° | 1335.0 | 1337.6 | 1355.4 | 1360.4 | 1355.4 | 1337.6 | 1335.0 | 1335.0 | 1258.9 | 1241.1 | 1231.0 |
| 57.5° | 1248.8 | 1248.8 | 1261.4 | 1261.4 | 1261.4 | 1248.8 | 1248.8 | 1243.7 | 1170.1 | 1154.8 | 1149.8 |
| 60° | 1149.8 | 1154.8 | 1165.0 | 1162.5 | 1165.0 | 1154.8 | 1149.8 | 1144.7 | 1081.2 | 1071.1 | 1053.3 |
| 62.5° | 1045.7 | 1050.8 | 1053.3 | 1048.2 | 1053.3 | 1050.8 | 1045.7 | 1030.5 | 992.4 | 984.8 | 961.9 |
| 65° | 936.6 | 941.6 | 944.2 | 939.1 | 944.2 | 941.6 | 936.6 | 929.0 | 901.0 | 888.3 | 868.0 |
| 67.5° | 824.9 | 822.3 | 819.8 | 830.0 | 819.8 | 822.3 | 824.9 | 814.7 | 797.0 | 786.8 | 758.9 |
| 70° | 710.7 | 710.7 | 708.1 | 713.2 | 708.1 | 710.7 | 710.7 | 703.1 | 692.9 | 685.3 | 659.9 |
| 72.5° | 588.8 | 586.3 | 596.5 | 588.8 | 596.5 | 586.3 | 588.8 | 586.3 | 581.2 | 573.6 | 548.2 |
| 75° | 469.6 | 474.6 | 469.6 | 477.2 | 469.6 | 474.6 | 469.6 | 472.1 | 469.6 | 464.5 | 446.7 |
| 77.5° | 357.9 | 363.0 | 357.9 | 357.9 | 357.9 | 363.0 | 357.9 | 360.4 | 360.4 | 360.4 | 345.2 |
| 80° | 253.8 | 251.3 | 251.3 | 248.7 | 251.3 | 251.3 | 253.8 | 253.8 | 256.3 | 251.3 | 246.2 |
| 82.5° | 162.4 | 159.9 | 159.9 | 165.0 | 159.9 | 159.9 | 162.4 | 165.0 | 159.9 | 159.9 | 159.9 |
| 85° | 88.8 | 91.4 | 86.3 | 86.3 | 86.3 | 91.4 | 88.8 | 83.8 | 88.8 | 88.8 | 86.3 |
| 87.5° | 33.0 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 33.0 | 35.5 | 35.5 | 35.5 | 38.1 |
| 90° | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 23.6 | 31.4 | 35.3 | 30.3 |
| 92.5° | 88.3 | 84.8 | 70.7 | 56.7 | 70.7 | 84.8 | 88.3 | 125.2 | 174.4 | 199.0 | 174.7 |
| 95° | 299.9 | 289.3 | 246.7 | 204.1 | 246.7 | 289.3 | 299.9 | 393.8 | 519.1 | 581.7 | 491.3 |
| 97.5° | 692.4 | 672.1 | 591.1 | 510.1 | 591.1 | 672.1 | 692.4 | 751.8 | 830.9 | 870.5 | 719.7 |
| 100° | 972.3 | 948.2 | 851.6 | 755.1 | 851.6 | 948.2 | 972.3 | 968.0 | 962.2 | 959.3 | 792.0 |
| 102.5° | 1211.3 | 1190.6 | 1108.0 | 1025.3 | 1108.0 | 1190.6 | 1211.3 | 1135.7 | 1034.8 | 984.4 | 814.7 |
| 105° | 1490.3 | 1479.2 | 1434.7 | 1390.3 | 1434.7 | 1479.2 | 1490.3 | 1320.7 | 1094.6 | 981.6 | 817.3 |
| 107.5° | 1635.4 | 1638.1 | 1648.8 | 1659.5 | 1648.8 | 1638.1 | 1635.4 | 1398.9 | 1083.5 | 925.8 | 780.9 |
| 110° | 1672.6 | 1684.2 | 1730.4 | 1776.7 | 1730.4 | 1684.2 | 1672.6 | 1408.2 | 1055.6 | 879.3 | 748.7 |



TEST NUMBER: P934915

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1648.8 | 1666.6 | 1737.7 | 1808.8 | 1737.7 | 1666.6 | 1648.8 | 1378.2 | 1017.4 | 837.0 | 720.5 |
| 115° | 1568.4 | 1593.0 | 1691.6 | 1790.2 | 1691.6 | 1593.0 | 1568.4 | 1307.7 | 960.1 | 786.3 | 688.2 |
| 117.5° | 1457.3 | 1484.6 | 1593.9 | 1703.2 | 1593.9 | 1484.6 | 1457.3 | 1222.0 | 908.3 | 751.4 | 668.0 |
| 120° | 1382.4 | 1409.0 | 1515.2 | 1621.4 | 1515.2 | 1409.0 | 1382.4 | 1167.4 | 880.8 | 737.5 | 661.2 |
| 122.5° | 1307.5 | 1333.7 | 1438.5 | 1543.3 | 1438.5 | 1333.7 | 1307.5 | 1113.9 | 855.8 | 726.8 | 657.7 |
| 125° | 1208.5 | 1232.6 | 1329.2 | 1425.7 | 1329.2 | 1232.6 | 1208.5 | 1044.1 | 824.8 | 715.2 | 654.7 |
| 127.5° | 1129.0 | 1149.4 | 1230.8 | 1312.2 | 1230.8 | 1149.4 | 1129.0 | 987.8 | 799.5 | 705.4 | 653.0 |
| 130° | 1078.8 | 1097.6 | 1172.8 | 1248.0 | 1172.8 | 1097.6 | 1078.8 | 953.1 | 785.5 | 701.7 | 654.1 |
| 132.5° | 1036.0 | 1052.8 | 1120.2 | 1187.6 | 1120.2 | 1052.8 | 1036.0 | 923.5 | 773.4 | 698.4 | 654.7 |
| 135° | 975.5 | 990.0 | 1048.1 | 1106.2 | 1048.1 | 990.0 | 975.5 | 881.3 | 755.6 | 692.8 | 654.1 |
| 137.5° | 930.9 | 942.8 | 990.3 | 1037.9 | 990.3 | 942.8 | 930.9 | 851.2 | 745.0 | 691.9 | 658.1 |
| 140° | 895.1 | 906.2 | 950.7 | 995.1 | 950.7 | 906.2 | 895.1 | 826.3 | 734.5 | 688.6 | 658.8 |
| 142.5° | 870.0 | 879.6 | 917.8 | 956.0 | 917.8 | 879.6 | 870.0 | 809.5 | 728.9 | 688.6 | 661.1 |
| 145° | 832.3 | 839.5 | 868.5 | 897.4 | 868.5 | 839.5 | 832.3 | 782.9 | 717.0 | 684.0 | 661.2 |
| 147.5° | 800.7 | 806.7 | 830.6 | 854.6 | 830.6 | 806.7 | 800.7 | 761.8 | 709.9 | 684.0 | 665.7 |
| 150° | 782.6 | 787.5 | 806.9 | 826.3 | 806.9 | 787.5 | 782.6 | 749.7 | 705.9 | 684.0 | 668.1 |
| 152.5° | 768.2 | 771.9 | 786.5 | 801.2 | 786.5 | 771.9 | 768.2 | 740.1 | 702.7 | 684.0 | 669.6 |
| 155° | 751.0 | 753.4 | 763.1 | 772.8 | 763.1 | 753.4 | 751.0 | 728.7 | 698.9 | 684.0 | 673.0 |
| 157.5° | 736.1 | 737.8 | 744.6 | 751.4 | 744.6 | 737.8 | 736.1 | 718.7 | 695.6 | 684.0 | 676.5 |
| 160° | 728.6 | 729.6 | 733.5 | 737.5 | 733.5 | 729.6 | 728.6 | 713.7 | 693.9 | 684.0 | 678.0 |
| 162.5° | 721.7 | 722.6 | 726.3 | 730.0 | 726.3 | 722.6 | 721.7 | 709.1 | 692.4 | 684.0 | 679.7 |
| 165° | 711.0 | 712.0 | 715.9 | 719.8 | 715.9 | 712.0 | 711.0 | 702.0 | 690.0 | 684.0 | 682.0 |
| 167.5° | 706.3 | 706.7 | 708.4 | 710.0 | 708.4 | 706.7 | 706.3 | 700.4 | 692.5 | 688.6 | 687.0 |
| 170° | 706.3 | 706.3 | 706.3 | 706.3 | 706.3 | 706.3 | 706.3 | 700.4 | 692.5 | 688.6 | 688.5 |
| 172.5° | 702.6 | 702.2 | 700.8 | 699.3 | 700.8 | 702.2 | 702.6 | 697.9 | 691.7 | 688.6 | 688.6 |
| 175° | 697.5 | 697.5 | 697.5 | 697.5 | 697.5 | 697.5 | 697.5 | 694.5 | 690.6 | 688.6 | 689.5 |
| 177.5° | 696.6 | 696.2 | 694.5 | 692.8 | 694.5 | 696.2 | 696.6 | 694.3 | 691.2 | 689.6 | 690.3 |
| 180° | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 |



TEST NUMBER: P934915
 CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 2682.8 | 2682.8 | 2682.8 | 2682.8 | 2682.8 |
| 2.5° | 2649.8 | 2662.5 | 2670.1 | 2680.3 | 2705.6 |
| 5° | 2548.3 | 2596.5 | 2611.7 | 2649.8 | 2695.5 |
| 7.5° | 2324.9 | 2472.1 | 2512.7 | 2604.1 | 2675.2 |
| 10° | 2109.2 | 2256.4 | 2327.5 | 2543.2 | 2649.8 |
| 12.5° | 2000.0 | 2086.3 | 2134.6 | 2436.6 | 2614.3 |
| 15° | 1931.5 | 1992.4 | 2028.0 | 2294.5 | 2573.7 |
| 17.5° | 1878.2 | 1921.4 | 1946.7 | 2154.9 | 2517.8 |
| 20° | 1845.2 | 1865.5 | 1888.4 | 2053.3 | 2454.4 |
| 22.5° | 1822.4 | 1809.7 | 1827.4 | 1982.3 | 2368.1 |
| 25° | 1807.1 | 1758.9 | 1779.2 | 1926.4 | 2266.5 |
| 27.5° | 1819.8 | 1713.2 | 1720.8 | 1875.7 | 2159.9 |
| 30° | 1822.4 | 1657.4 | 1659.9 | 1822.4 | 2040.6 |
| 32.5° | 1804.6 | 1599.0 | 1601.6 | 1756.4 | 1906.1 |
| 35° | 1761.5 | 1530.5 | 1527.9 | 1680.2 | 1723.4 |
| 37.5° | 1703.1 | 1456.9 | 1456.9 | 1596.5 | 1522.9 |
| 40° | 1632.0 | 1383.3 | 1390.9 | 1487.3 | 1345.2 |
| 42.5° | 1545.7 | 1304.6 | 1314.7 | 1342.7 | 1213.2 |
| 45° | 1451.8 | 1228.4 | 1236.1 | 1134.5 | 1111.7 |
| 47.5° | 1347.7 | 1149.8 | 1152.3 | 941.6 | 1078.7 |
| 50° | 1223.4 | 1068.5 | 1058.4 | 807.1 | 1076.2 |
| 52.5° | 1114.2 | 979.7 | 949.3 | 731.0 | 977.2 |
| 55° | 1007.6 | 885.8 | 819.8 | 672.6 | 906.1 |
| 57.5° | 913.7 | 764.0 | 700.5 | 604.1 | 890.9 |
| 60° | 827.4 | 644.7 | 596.5 | 530.5 | 817.3 |
| 62.5° | 756.4 | 555.8 | 545.7 | 479.7 | 741.1 |
| 65° | 680.2 | 494.9 | 492.4 | 436.6 | 629.5 |
| 67.5° | 606.6 | 454.3 | 451.8 | 395.9 | 479.7 |
| 70° | 527.9 | 411.2 | 406.1 | 352.8 | 355.3 |
| 72.5° | 446.7 | 363.0 | 357.9 | 317.3 | 294.4 |
| 75° | 365.5 | 307.1 | 304.6 | 276.7 | 238.6 |
| 77.5° | 286.8 | 243.7 | 248.7 | 223.4 | 175.1 |
| 80° | 205.6 | 177.7 | 182.7 | 159.9 | 132.0 |
| 82.5° | 137.1 | 116.8 | 121.8 | 101.5 | 88.8 |
| 85° | 76.1 | 66.0 | 68.5 | 53.3 | 40.6 |
| 87.5° | 35.5 | 30.5 | 30.5 | 20.3 | 12.7 |
| 90° | 20.4 | 13.0 | 12.1 | 8.3 | 4.6 |
| 92.5° | 126.1 | 89.7 | 81.8 | 50.2 | 18.6 |
| 95° | 310.4 | 174.8 | 160.3 | 102.5 | 44.6 |
| 97.5° | 418.2 | 192.0 | 179.2 | 128.2 | 77.2 |
| 100° | 457.4 | 206.5 | 194.9 | 148.6 | 102.3 |
| 102.5° | 475.4 | 220.9 | 210.1 | 166.9 | 123.7 |
| 105° | 488.7 | 242.3 | 233.2 | 196.6 | 160.0 |
| 107.5° | 491.2 | 273.9 | 265.4 | 231.3 | 197.2 |
| 110° | 487.4 | 291.5 | 283.8 | 253.1 | 222.3 |



TEST NUMBER: P934915

CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 487.6 | 312.9 | 305.6 | 276.2 | 246.9 |
| 115° | 492.1 | 345.0 | 338.2 | 311.2 | 284.1 |
| 117.5° | 501.3 | 376.2 | 370.0 | 345.4 | 320.8 |
| 120° | 508.7 | 394.3 | 388.5 | 365.4 | 342.2 |
| 122.5° | 519.4 | 415.7 | 409.9 | 386.5 | 363.2 |
| 125° | 533.8 | 443.1 | 437.8 | 416.5 | 395.2 |
| 127.5° | 548.2 | 469.6 | 464.2 | 442.8 | 421.3 |
| 130° | 558.8 | 487.3 | 481.5 | 458.4 | 435.2 |
| 132.5° | 567.3 | 501.7 | 495.9 | 472.8 | 449.6 |
| 135° | 576.6 | 518.5 | 513.2 | 492.1 | 471.0 |
| 137.5° | 590.5 | 539.8 | 534.6 | 513.7 | 492.9 |
| 140° | 599.1 | 554.3 | 549.5 | 530.2 | 511.0 |
| 142.5° | 606.2 | 565.0 | 560.6 | 542.8 | 525.0 |
| 145° | 615.5 | 581.2 | 577.3 | 561.9 | 546.4 |
| 147.5° | 629.1 | 601.7 | 597.9 | 582.8 | 567.7 |
| 150° | 636.3 | 612.4 | 609.0 | 595.3 | 581.7 |
| 152.5° | 640.9 | 619.4 | 616.8 | 606.5 | 596.1 |
| 155° | 651.1 | 634.7 | 632.8 | 625.1 | 617.5 |
| 157.5° | 661.4 | 650.1 | 648.2 | 640.8 | 633.3 |
| 160° | 666.0 | 657.0 | 655.6 | 649.8 | 644.0 |
| 162.5° | 671.0 | 664.5 | 663.4 | 659.1 | 654.7 |
| 165° | 678.1 | 675.2 | 674.2 | 670.3 | 666.3 |
| 167.5° | 683.7 | 681.2 | 680.7 | 678.9 | 677.0 |
| 170° | 688.3 | 688.2 | 687.7 | 685.9 | 684.0 |
| 172.5° | 688.6 | 688.6 | 688.5 | 688.1 | 687.7 |
| 175° | 691.4 | 692.8 | 692.8 | 692.8 | 692.8 |
| 177.5° | 691.7 | 692.8 | 692.8 | 692.8 | 692.8 |
| 180° | 692.8 | 692.8 | 692.8 | 692.8 | 692.8 |



TEST NUMBER: P934915
 CATALOG NUMBER: SQ4-FA-075U-125D-835-1D-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 | 15.50 | 16.47 | 16.36 | 17.35 | 18.46 | 18.33 | 19.29 | 19.18 | 20.17 | 21.28 |
| | 3H | 15.99 | 16.85 | 16.86 | 17.74 | 18.88 | 19.68 | 20.54 | 20.55 | 21.43 | 22.57 |
| | 4H | 16.18 | 17.00 | 17.07 | 17.90 | 19.04 | 20.13 | 20.94 | 21.01 | 21.84 | 22.99 |
| | 6H | 16.31 | 17.06 | 17.21 | 17.97 | 19.12 | 20.41 | 21.17 | 21.31 | 22.07 | 23.23 |
| | 8H | 16.31 | 17.03 | 17.22 | 17.95 | 19.11 | 20.49 | 21.21 | 21.40 | 22.13 | 23.29 |
| | 12H | 16.29 | 16.97 | 17.20 | 17.89 | 19.07 | 20.53 | 21.22 | 21.45 | 22.13 | 23.32 |
| 4H | 2H | 16.55 | 17.37 | 17.44 | 18.26 | 19.41 | 18.75 | 19.57 | 19.64 | 20.46 | 21.61 |
| | 3H | 17.58 | 18.27 | 18.49 | 19.19 | 20.35 | 20.26 | 20.95 | 21.17 | 21.87 | 23.03 |
| | 4H | 17.86 | 18.49 | 18.78 | 19.41 | 20.59 | 20.79 | 21.42 | 21.71 | 22.34 | 23.53 |
| | 6H | 17.99 | 18.53 | 18.92 | 19.48 | 20.67 | 21.16 | 21.70 | 22.09 | 22.65 | 23.83 |
| | 8H | 18.00 | 18.50 | 18.93 | 19.45 | 20.65 | 21.27 | 21.77 | 22.20 | 22.71 | 23.92 |
| | 12H | 17.97 | 18.43 | 18.93 | 19.39 | 20.59 | 21.33 | 21.78 | 22.28 | 22.74 | 23.95 |
| 8H | 4H | 18.32 | 18.83 | 19.26 | 19.77 | 20.97 | 20.93 | 21.43 | 21.86 | 22.37 | 23.57 |
| | 6H | 18.59 | 19.01 | 19.55 | 19.99 | 21.19 | 21.37 | 21.78 | 22.32 | 22.76 | 23.96 |
| | 8H | 18.63 | 19.00 | 19.60 | 19.97 | 21.19 | 21.52 | 21.89 | 22.49 | 22.86 | 24.08 |
| | 12H | 18.62 | 18.95 | 19.59 | 19.91 | 21.18 | 21.62 | 21.94 | 22.59 | 22.91 | 24.18 |
| 12H | 4H | 18.34 | 18.79 | 19.29 | 19.75 | 20.95 | 20.90 | 21.35 | 21.85 | 22.31 | 23.51 |
| | 6H | 18.65 | 19.02 | 19.62 | 19.99 | 21.21 | 21.36 | 21.73 | 22.33 | 22.70 | 23.92 |
| | 8H | 18.72 | 19.05 | 19.69 | 20.01 | 21.28 | 21.53 | 21.85 | 22.50 | 22.82 | 24.09 |