

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: P933913

Luminaire Tested: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933913
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

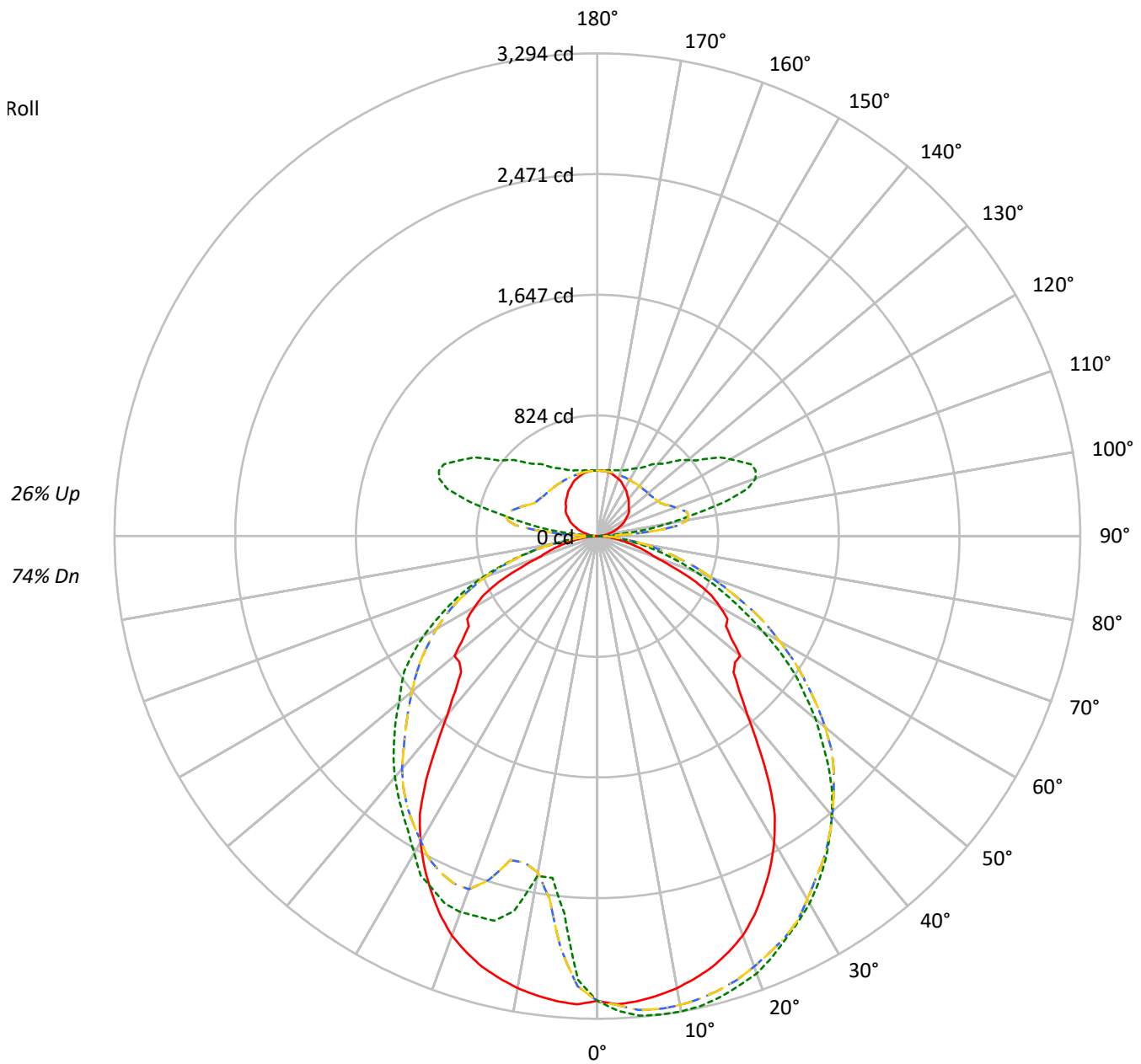
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11125.9 lumens
Efficiency: N/A
Efficacy: 123.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 90
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: P933913
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ··· 90°-270° - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 113 | 113 | 113 | 113 | 107 | 107 | 107 | 107 | 97 | 97 | 97 | 87 | 87 | 87 | 78 | 78 | 78 | 74 | | | | 74 |
| 1 | 103 | 99 | 95 | 91 | 98 | 94 | 90 | 87 | 85 | 82 | 80 | 77 | 75 | 73 | 69 | 68 | 66 | 62 | | | | 62 |
| 2 | 94 | 86 | 80 | 75 | 89 | 82 | 77 | 72 | 75 | 70 | 66 | 68 | 64 | 61 | 61 | 58 | 56 | 52 | | | | 52 |
| 3 | 86 | 76 | 68 | 62 | 81 | 72 | 66 | 60 | 66 | 60 | 56 | 60 | 55 | 52 | 54 | 51 | 48 | 44 | | | | 44 |
| 4 | 79 | 67 | 59 | 53 | 74 | 64 | 57 | 51 | 59 | 52 | 48 | 53 | 48 | 44 | 48 | 44 | 41 | 38 | | | | 38 |
| 5 | 72 | 60 | 52 | 45 | 68 | 57 | 50 | 44 | 52 | 46 | 41 | 48 | 42 | 38 | 43 | 39 | 36 | 33 | | | | 33 |
| 6 | 67 | 54 | 46 | 39 | 63 | 52 | 44 | 38 | 47 | 41 | 36 | 43 | 38 | 34 | 39 | 35 | 31 | 29 | | | | 29 |
| 7 | 62 | 49 | 41 | 35 | 58 | 47 | 39 | 34 | 43 | 36 | 32 | 39 | 34 | 30 | 36 | 31 | 28 | 26 | | | | 26 |
| 8 | 57 | 44 | 36 | 31 | 54 | 43 | 35 | 30 | 39 | 33 | 28 | 36 | 31 | 27 | 33 | 28 | 25 | 23 | | | | 23 |
| 9 | 53 | 41 | 33 | 28 | 51 | 39 | 32 | 27 | 36 | 30 | 25 | 33 | 28 | 24 | 30 | 26 | 23 | 21 | | | | 21 |
| 10 | 50 | 37 | 30 | 25 | 48 | 36 | 29 | 24 | 33 | 27 | 23 | 31 | 25 | 22 | 28 | 24 | 20 | 19 | | | | 19 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 9808 | 9808 | 9808 | 9808 |
| 5° | 9885 | 9901 | 9885 | 7785 |
| 10° | 9823 | 9753 | 9823 | 6973 |
| 15° | 9720 | 9542 | 9720 | 7968 |
| 20° | 9520 | 9292 | 9520 | 7984 |
| 25° | 9108 | 8926 | 9108 | 7815 |
| 30° | 8573 | 8623 | 8573 | 7443 |
| 35° | 7647 | 8240 | 7647 | 7035 |
| 40° | 6375 | 7788 | 6375 | 6727 |
| 45° | 5700 | 7260 | 5700 | 6372 |
| 50° | 6061 | 6630 | 6061 | 6016 |
| 55° | 5708 | 5951 | 5708 | 5810 |
| 60° | 5891 | 5054 | 5891 | 5321 |
| 65° | 5350 | 4178 | 5350 | 4670 |
| 70° | 3713 | 3330 | 3713 | 3915 |
| 75° | 3268 | 2461 | 3268 | 2947 |
| 80° | 2653 | 1627 | 2653 | 1772 |
| 85° | 1555 | 862 | 1555 | 733 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8731 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 286.2 | 2.6 |
| 10°-20° | 812.7 | 7.3 |
| 20°-30° | 1256.3 | 11.3 |
| 30°-40° | 1499.8 | 13.5 |
| 40°-50° | 1508.6 | 13.6 |
| 50°-60° | 1312.6 | 11.8 |
| 60°-70° | 930.7 | 8.4 |
| 70°-80° | 492.4 | 4.4 |
| 80°-90° | 124.3 | 1.1 |
| 90°-100° | 218.2 | 2.0 |
| 100°-110° | 573.7 | 5.2 |
| 110°-120° | 594.9 | 5.3 |
| 120°-130° | 477.2 | 4.3 |
| 130°-140° | 374.4 | 3.4 |
| 140°-150° | 287.4 | 2.6 |
| 150°-160° | 207.0 | 1.9 |
| 160°-170° | 126.6 | 1.1 |
| 170°-180° | 42.8 | 0.4 |
| 0°-30° | 2355.3 | 21.2 |
| 0°-40° | 3855.1 | 34.6 |
| 0°-60° | 6676.2 | 60.0 |
| 0°-90° | 8223.6 | 73.9 |
| 90°-120° | 1386.9 | 12.5 |
| 90°-150° | 2525.9 | 22.7 |
| 90°-180° | 2902.0 | 26.1 |
| 0°-180° | 11125.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3171 | 3171 | 3171 | 3171 | 3171 | |
| 5° | 3186 | 3285 | 3186 | 2583 | 3186 | 302 |
| 15° | 3042 | 3255 | 3042 | 2718 | 3042 | 856 |
| 25° | 2679 | 3036 | 2679 | 2658 | 2679 | 1230 |
| 35° | 2037 | 2709 | 2037 | 2313 | 2037 | 1260 |
| 45° | 1314 | 2232 | 1314 | 1959 | 1314 | 1053 |
| 55° | 1071 | 1647 | 1071 | 1608 | 1071 | 984 |
| 65° | 744 | 993 | 744 | 1110 | 744 | 711 |
| 75° | 282 | 471 | 282 | 564 | 282 | 296 |
| 85° | 48 | 120 | 48 | 102 | 48 | 65 |
| 90° | 3 | 11 | 3 | 11 | 3 | 5 |
| 95° | 29 | 132 | 29 | 132 | 29 | 32 |
| 105° | 103 | 898 | 103 | 898 | 103 | 110 |
| 115° | 184 | 1157 | 184 | 1157 | 184 | 181 |
| 125° | 255 | 921 | 255 | 921 | 255 | 227 |
| 135° | 304 | 715 | 304 | 715 | 304 | 236 |
| 145° | 353 | 580 | 353 | 580 | 353 | 221 |
| 155° | 399 | 499 | 399 | 499 | 399 | 183 |
| 165° | 431 | 465 | 431 | 465 | 431 | 122 |
| 175° | 448 | 451 | 448 | 451 | 448 | 42 |
| 180° | 448 | 448 | 448 | 448 | 448 | |



TEST NUMBER: P933913

CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 |
| 2.5° | 3198.1 | 3198.1 | 3216.1 | 3222.1 | 3222.1 | 3213.1 | 3204.1 | 3213.1 | 3240.1 | 3249.1 | 3246.1 |
| 5° | 3186.1 | 3210.1 | 3243.1 | 3249.1 | 3255.1 | 3252.1 | 3246.1 | 3252.1 | 3282.1 | 3288.1 | 3291.1 |
| 7.5° | 3162.1 | 3207.1 | 3249.1 | 3258.1 | 3267.1 | 3258.1 | 3255.1 | 3261.1 | 3291.1 | 3297.1 | 3297.1 |
| 10° | 3132.1 | 3195.1 | 3243.1 | 3249.1 | 3258.1 | 3249.1 | 3249.1 | 3261.1 | 3291.1 | 3297.1 | 3300.1 |
| 12.5° | 3090.1 | 3177.1 | 3222.1 | 3228.1 | 3240.1 | 3237.1 | 3234.1 | 3246.1 | 3276.1 | 3282.1 | 3282.1 |
| 15° | 3042.1 | 3144.1 | 3186.1 | 3192.1 | 3213.1 | 3207.1 | 3207.1 | 3219.1 | 3252.1 | 3261.1 | 3258.1 |
| 17.5° | 2976.1 | 3102.1 | 3150.1 | 3159.1 | 3174.1 | 3171.1 | 3174.1 | 3186.1 | 3216.1 | 3222.1 | 3225.1 |
| 20° | 2901.1 | 3045.1 | 3102.1 | 3111.1 | 3126.1 | 3126.1 | 3126.1 | 3141.1 | 3171.1 | 3183.1 | 3183.1 |
| 22.5° | 2799.1 | 2985.1 | 3045.1 | 3051.1 | 3069.1 | 3069.1 | 3075.1 | 3096.1 | 3123.1 | 3126.1 | 3126.1 |
| 25° | 2679.1 | 2919.1 | 2970.1 | 2988.1 | 3006.1 | 3015.1 | 3024.1 | 3036.1 | 3045.1 | 3042.1 | 3045.1 |
| 27.5° | 2553.0 | 2835.1 | 2901.1 | 2913.1 | 2937.1 | 2946.1 | 2958.1 | 2961.1 | 2964.1 | 2973.1 | 2967.1 |
| 30° | 2412.0 | 2718.1 | 2817.1 | 2829.1 | 2868.1 | 2874.1 | 2862.1 | 2868.1 | 2883.1 | 2889.1 | 2895.1 |
| 32.5° | 2253.0 | 2544.0 | 2730.1 | 2757.1 | 2793.1 | 2775.1 | 2772.1 | 2781.1 | 2805.1 | 2805.1 | 2811.1 |
| 35° | 2037.0 | 2409.0 | 2649.1 | 2673.1 | 2700.1 | 2679.1 | 2691.1 | 2694.1 | 2709.1 | 2718.1 | 2715.1 |
| 37.5° | 1800.0 | 2292.0 | 2565.0 | 2583.0 | 2604.0 | 2577.0 | 2595.0 | 2604.0 | 2616.0 | 2610.0 | 2610.0 |
| 40° | 1590.0 | 2109.0 | 2466.0 | 2478.0 | 2496.0 | 2475.0 | 2493.0 | 2499.0 | 2505.0 | 2499.0 | 2496.0 |
| 42.5° | 1434.0 | 1908.0 | 2361.0 | 2376.0 | 2364.0 | 2379.0 | 2385.0 | 2397.0 | 2388.0 | 2376.0 | 2376.0 |
| 45° | 1314.0 | 1854.0 | 2247.0 | 2265.0 | 2247.0 | 2271.0 | 2280.0 | 2280.0 | 2253.0 | 2247.0 | 2244.0 |
| 47.5° | 1275.0 | 1746.0 | 2133.0 | 2133.0 | 2124.0 | 2154.0 | 2169.0 | 2148.0 | 2121.0 | 2112.0 | 2112.0 |
| 50° | 1272.0 | 1626.0 | 1977.0 | 1965.0 | 2007.0 | 2043.0 | 2028.0 | 2007.0 | 1986.0 | 1953.0 | 1953.0 |
| 52.5° | 1155.0 | 1479.0 | 1776.0 | 1821.0 | 1887.0 | 1908.0 | 1884.0 | 1863.0 | 1827.0 | 1812.0 | 1800.0 |
| 55° | 1071.0 | 1326.0 | 1593.0 | 1683.0 | 1752.0 | 1779.0 | 1734.0 | 1713.0 | 1659.0 | 1650.0 | 1644.0 |
| 57.5° | 1053.0 | 1104.0 | 1425.0 | 1539.0 | 1623.0 | 1620.0 | 1593.0 | 1554.0 | 1509.0 | 1500.0 | 1497.0 |
| 60° | 966.0 | 798.0 | 1245.0 | 1380.0 | 1467.0 | 1458.0 | 1434.0 | 1398.0 | 1356.0 | 1350.0 | 1344.0 |
| 62.5° | 876.0 | 579.0 | 1041.0 | 1194.0 | 1317.0 | 1314.0 | 1293.0 | 1239.0 | 1209.0 | 1194.0 | 1182.0 |
| 65° | 744.0 | 486.0 | 741.0 | 993.0 | 1170.0 | 1176.0 | 1131.0 | 1092.0 | 1059.0 | 1041.0 | 1038.0 |
| 67.5° | 567.0 | 396.0 | 501.0 | 828.0 | 1029.0 | 1023.0 | 966.0 | 948.0 | 906.0 | 897.0 | 879.0 |
| 70° | 420.0 | 264.0 | 348.0 | 672.0 | 891.0 | 876.0 | 831.0 | 810.0 | 771.0 | 750.0 | 738.0 |
| 72.5° | 348.0 | 213.0 | 255.0 | 522.0 | 750.0 | 732.0 | 693.0 | 669.0 | 636.0 | 618.0 | 606.0 |
| 75° | 282.0 | 225.0 | 195.0 | 387.0 | 609.0 | 597.0 | 561.0 | 537.0 | 510.0 | 486.0 | 489.0 |
| 77.5° | 207.0 | 210.0 | 156.0 | 285.0 | 483.0 | 465.0 | 444.0 | 414.0 | 402.0 | 378.0 | 378.0 |
| 80° | 156.0 | 165.0 | 117.0 | 195.0 | 348.0 | 348.0 | 330.0 | 309.0 | 288.0 | 276.0 | 276.0 |
| 82.5° | 105.0 | 105.0 | 87.0 | 123.0 | 237.0 | 228.0 | 216.0 | 210.0 | 198.0 | 192.0 | 192.0 |
| 85° | 48.0 | 60.0 | 54.0 | 75.0 | 129.0 | 135.0 | 135.0 | 129.0 | 126.0 | 120.0 | 123.0 |
| 87.5° | 15.0 | 27.0 | 33.0 | 42.0 | 66.0 | 69.0 | 72.0 | 72.0 | 72.0 | 75.0 | 75.0 |
| 90° | 3.0 | 5.4 | 7.8 | 8.4 | 13.2 | 19.6 | 22.8 | 20.3 | 15.2 | 11.4 | 11.4 |
| 92.5° | 12.0 | 32.4 | 52.9 | 58.0 | 81.5 | 112.9 | 128.6 | 112.7 | 80.9 | 57.1 | 54.8 |
| 95° | 28.8 | 66.2 | 103.6 | 113.0 | 200.6 | 317.5 | 375.9 | 335.4 | 254.5 | 193.8 | 186.9 |
| 97.5° | 49.9 | 82.9 | 115.9 | 124.1 | 270.2 | 465.1 | 562.5 | 536.9 | 485.8 | 447.4 | 434.3 |
| 100° | 66.1 | 96.0 | 125.9 | 133.4 | 295.6 | 511.8 | 619.9 | 621.8 | 625.5 | 628.3 | 612.7 |
| 102.5° | 79.9 | 107.8 | 135.7 | 142.7 | 307.2 | 526.5 | 636.1 | 668.7 | 733.8 | 782.7 | 769.3 |
| 105° | 103.4 | 127.0 | 150.6 | 156.5 | 315.8 | 528.1 | 634.3 | 707.3 | 853.4 | 963.0 | 955.8 |
| 107.5° | 127.4 | 149.4 | 171.5 | 177.0 | 317.4 | 504.6 | 598.2 | 700.1 | 903.9 | 1056.8 | 1058.5 |
| 110° | 143.6 | 163.5 | 183.4 | 188.4 | 315.0 | 483.8 | 568.2 | 682.1 | 909.9 | 1080.8 | 1088.3 |



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CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 159.6 | 178.5 | 197.5 | 202.2 | 315.1 | 465.6 | 540.9 | 657.5 | 890.6 | 1065.5 | 1077.0 |
| 115° | 183.6 | 201.1 | 218.6 | 223.0 | 318.0 | 444.7 | 508.1 | 620.4 | 845.0 | 1013.5 | 1029.4 |
| 117.5° | 207.3 | 223.2 | 239.1 | 243.1 | 323.9 | 431.7 | 485.6 | 587.0 | 789.7 | 941.7 | 959.4 |
| 120° | 221.1 | 236.1 | 251.1 | 254.8 | 328.7 | 427.2 | 476.5 | 569.1 | 754.4 | 893.3 | 910.5 |
| 122.5° | 234.7 | 249.8 | 264.8 | 268.6 | 335.6 | 424.9 | 469.6 | 553.0 | 719.8 | 844.9 | 861.8 |
| 125° | 255.4 | 269.2 | 283.0 | 286.4 | 345.0 | 423.1 | 462.1 | 532.9 | 674.6 | 780.9 | 796.5 |
| 127.5° | 272.2 | 286.1 | 300.0 | 303.5 | 354.3 | 422.0 | 455.8 | 516.6 | 638.3 | 729.5 | 742.7 |
| 130° | 281.2 | 296.2 | 311.2 | 314.9 | 361.1 | 422.6 | 453.4 | 507.6 | 615.9 | 697.1 | 709.3 |
| 132.5° | 290.6 | 305.5 | 320.5 | 324.2 | 366.6 | 423.1 | 451.3 | 499.8 | 596.8 | 669.5 | 680.4 |
| 135° | 304.4 | 318.0 | 331.6 | 335.0 | 372.6 | 422.7 | 447.7 | 488.3 | 569.5 | 630.4 | 639.8 |
| 137.5° | 318.5 | 332.0 | 345.4 | 348.8 | 381.6 | 425.3 | 447.1 | 481.4 | 550.0 | 601.5 | 609.2 |
| 140° | 330.2 | 342.6 | 355.1 | 358.2 | 387.1 | 425.7 | 445.0 | 474.6 | 533.9 | 578.4 | 585.6 |
| 142.5° | 339.2 | 350.7 | 362.2 | 365.1 | 391.7 | 427.2 | 445.0 | 471.0 | 523.1 | 562.2 | 568.4 |
| 145° | 353.1 | 363.1 | 373.1 | 375.6 | 397.7 | 427.2 | 442.0 | 463.3 | 505.9 | 537.8 | 542.5 |
| 147.5° | 366.9 | 376.6 | 386.4 | 388.8 | 406.5 | 430.2 | 442.0 | 458.8 | 492.3 | 517.4 | 521.3 |
| 150° | 375.9 | 384.7 | 393.5 | 395.7 | 411.1 | 431.7 | 442.0 | 456.2 | 484.5 | 505.7 | 508.8 |
| 152.5° | 385.2 | 391.9 | 398.5 | 400.2 | 414.1 | 432.7 | 442.0 | 454.1 | 478.3 | 496.4 | 498.8 |
| 155° | 399.0 | 403.9 | 408.9 | 410.1 | 420.7 | 434.9 | 442.0 | 451.6 | 470.9 | 485.3 | 486.9 |
| 157.5° | 409.2 | 414.0 | 418.9 | 420.1 | 427.4 | 437.1 | 442.0 | 449.5 | 464.4 | 475.6 | 476.7 |
| 160° | 416.2 | 419.9 | 423.7 | 424.6 | 430.4 | 438.1 | 442.0 | 448.4 | 461.2 | 470.8 | 471.4 |
| 162.5° | 423.1 | 425.9 | 428.7 | 429.4 | 433.6 | 439.2 | 442.0 | 447.4 | 458.2 | 466.3 | 466.9 |
| 165° | 430.6 | 433.1 | 435.7 | 436.3 | 438.2 | 440.7 | 442.0 | 445.9 | 453.6 | 459.4 | 460.0 |
| 167.5° | 437.5 | 438.7 | 439.9 | 440.2 | 441.8 | 443.9 | 445.0 | 447.5 | 452.6 | 456.4 | 456.7 |
| 170° | 442.0 | 443.2 | 444.4 | 444.7 | 444.8 | 444.9 | 445.0 | 447.5 | 452.6 | 456.4 | 456.4 |
| 172.5° | 444.4 | 444.7 | 444.9 | 445.0 | 445.0 | 445.0 | 445.0 | 447.0 | 451.0 | 454.0 | 453.8 |
| 175° | 447.7 | 447.7 | 447.7 | 447.7 | 446.8 | 445.6 | 445.0 | 446.3 | 448.8 | 450.7 | 450.7 |
| 177.5° | 447.7 | 447.7 | 447.7 | 447.7 | 447.0 | 446.1 | 445.6 | 446.6 | 448.6 | 450.1 | 449.8 |
| 180° | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 |



TEST NUMBER: P933913

CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 |
| 2.5° | 3252.1 | 3243.1 | 3252.1 | 3246.1 | 3249.1 | 3240.1 | 3213.1 | 3204.1 | 3213.1 | 3222.1 | 3222.1 |
| 5° | 3291.1 | 3285.1 | 3291.1 | 3291.1 | 3288.1 | 3282.1 | 3252.1 | 3246.1 | 3252.1 | 3255.1 | 3249.1 |
| 7.5° | 3303.1 | 3294.1 | 3303.1 | 3297.1 | 3297.1 | 3291.1 | 3261.1 | 3255.1 | 3258.1 | 3267.1 | 3258.1 |
| 10° | 3303.1 | 3294.1 | 3303.1 | 3300.1 | 3297.1 | 3291.1 | 3261.1 | 3249.1 | 3249.1 | 3258.1 | 3249.1 |
| 12.5° | 3288.1 | 3282.1 | 3288.1 | 3282.1 | 3282.1 | 3276.1 | 3246.1 | 3234.1 | 3237.1 | 3240.1 | 3228.1 |
| 15° | 3264.1 | 3255.1 | 3264.1 | 3258.1 | 3261.1 | 3252.1 | 3219.1 | 3207.1 | 3207.1 | 3213.1 | 3192.1 |
| 17.5° | 3228.1 | 3216.1 | 3228.1 | 3225.1 | 3222.1 | 3216.1 | 3186.1 | 3174.1 | 3171.1 | 3174.1 | 3159.1 |
| 20° | 3186.1 | 3177.1 | 3186.1 | 3183.1 | 3183.1 | 3171.1 | 3141.1 | 3126.1 | 3126.1 | 3126.1 | 3111.1 |
| 22.5° | 3120.1 | 3111.1 | 3120.1 | 3126.1 | 3126.1 | 3123.1 | 3096.1 | 3075.1 | 3069.1 | 3069.1 | 3051.1 |
| 25° | 3045.1 | 3036.1 | 3045.1 | 3045.1 | 3042.1 | 3045.1 | 3036.1 | 3024.1 | 3015.1 | 3006.1 | 2988.1 |
| 27.5° | 2973.1 | 2967.1 | 2973.1 | 2967.1 | 2973.1 | 2964.1 | 2961.1 | 2958.1 | 2946.1 | 2937.1 | 2913.1 |
| 30° | 2901.1 | 2895.1 | 2901.1 | 2895.1 | 2889.1 | 2883.1 | 2868.1 | 2862.1 | 2874.1 | 2868.1 | 2829.1 |
| 32.5° | 2811.1 | 2805.1 | 2811.1 | 2811.1 | 2805.1 | 2805.1 | 2781.1 | 2772.1 | 2775.1 | 2793.1 | 2757.1 |
| 35° | 2718.1 | 2709.1 | 2718.1 | 2715.1 | 2718.1 | 2709.1 | 2694.1 | 2691.1 | 2679.1 | 2700.1 | 2673.1 |
| 37.5° | 2610.0 | 2601.0 | 2610.0 | 2610.0 | 2610.0 | 2616.0 | 2604.0 | 2595.0 | 2577.0 | 2604.0 | 2583.0 |
| 40° | 2499.0 | 2487.0 | 2499.0 | 2496.0 | 2499.0 | 2505.0 | 2499.0 | 2493.0 | 2475.0 | 2496.0 | 2478.0 |
| 42.5° | 2373.0 | 2370.0 | 2373.0 | 2376.0 | 2376.0 | 2388.0 | 2397.0 | 2385.0 | 2379.0 | 2364.0 | 2376.0 |
| 45° | 2238.0 | 2232.0 | 2238.0 | 2244.0 | 2247.0 | 2253.0 | 2280.0 | 2280.0 | 2271.0 | 2247.0 | 2265.0 |
| 47.5° | 2094.0 | 2079.0 | 2094.0 | 2112.0 | 2112.0 | 2121.0 | 2148.0 | 2169.0 | 2154.0 | 2124.0 | 2133.0 |
| 50° | 1941.0 | 1944.0 | 1941.0 | 1953.0 | 1953.0 | 1986.0 | 2007.0 | 2028.0 | 2043.0 | 2007.0 | 1965.0 |
| 52.5° | 1791.0 | 1788.0 | 1791.0 | 1800.0 | 1812.0 | 1827.0 | 1863.0 | 1884.0 | 1908.0 | 1887.0 | 1821.0 |
| 55° | 1641.0 | 1647.0 | 1641.0 | 1644.0 | 1650.0 | 1659.0 | 1713.0 | 1734.0 | 1779.0 | 1752.0 | 1683.0 |
| 57.5° | 1491.0 | 1482.0 | 1491.0 | 1497.0 | 1500.0 | 1509.0 | 1554.0 | 1593.0 | 1620.0 | 1623.0 | 1539.0 |
| 60° | 1317.0 | 1305.0 | 1317.0 | 1344.0 | 1350.0 | 1356.0 | 1398.0 | 1434.0 | 1458.0 | 1467.0 | 1380.0 |
| 62.5° | 1164.0 | 1143.0 | 1164.0 | 1182.0 | 1194.0 | 1209.0 | 1239.0 | 1293.0 | 1314.0 | 1317.0 | 1194.0 |
| 65° | 1002.0 | 993.0 | 1002.0 | 1038.0 | 1041.0 | 1059.0 | 1092.0 | 1131.0 | 1176.0 | 1170.0 | 993.0 |
| 67.5° | 855.0 | 855.0 | 855.0 | 879.0 | 897.0 | 906.0 | 948.0 | 966.0 | 1023.0 | 1029.0 | 828.0 |
| 70° | 720.0 | 717.0 | 720.0 | 738.0 | 750.0 | 771.0 | 810.0 | 831.0 | 876.0 | 891.0 | 672.0 |
| 72.5° | 591.0 | 588.0 | 591.0 | 606.0 | 618.0 | 636.0 | 669.0 | 693.0 | 732.0 | 750.0 | 522.0 |
| 75° | 477.0 | 471.0 | 477.0 | 489.0 | 486.0 | 510.0 | 537.0 | 561.0 | 597.0 | 609.0 | 387.0 |
| 77.5° | 366.0 | 366.0 | 366.0 | 378.0 | 378.0 | 402.0 | 414.0 | 444.0 | 465.0 | 483.0 | 285.0 |
| 80° | 273.0 | 270.0 | 273.0 | 276.0 | 276.0 | 288.0 | 309.0 | 330.0 | 348.0 | 348.0 | 195.0 |
| 82.5° | 192.0 | 186.0 | 192.0 | 192.0 | 192.0 | 198.0 | 210.0 | 216.0 | 228.0 | 237.0 | 123.0 |
| 85° | 120.0 | 120.0 | 120.0 | 123.0 | 120.0 | 126.0 | 129.0 | 135.0 | 135.0 | 129.0 | 75.0 |
| 87.5° | 78.0 | 75.0 | 78.0 | 75.0 | 75.0 | 72.0 | 72.0 | 72.0 | 69.0 | 66.0 | 42.0 |
| 90° | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 15.2 | 20.3 | 22.8 | 19.6 | 13.2 | 8.4 |
| 92.5° | 45.8 | 36.7 | 45.8 | 54.8 | 57.1 | 80.9 | 112.7 | 128.6 | 112.9 | 81.5 | 58.0 |
| 95° | 159.4 | 131.9 | 159.4 | 186.9 | 193.8 | 254.5 | 335.4 | 375.9 | 317.5 | 200.6 | 113.0 |
| 97.5° | 382.0 | 329.6 | 382.0 | 434.3 | 447.4 | 485.8 | 536.9 | 562.5 | 465.1 | 270.2 | 124.1 |
| 100° | 550.4 | 488.0 | 550.4 | 612.7 | 628.3 | 625.5 | 621.8 | 619.9 | 511.8 | 295.6 | 133.4 |
| 102.5° | 715.9 | 662.5 | 715.9 | 769.3 | 782.7 | 733.8 | 668.7 | 636.1 | 526.5 | 307.2 | 142.7 |
| 105° | 927.1 | 898.4 | 927.1 | 955.8 | 963.0 | 853.4 | 707.3 | 634.3 | 528.1 | 315.8 | 156.5 |
| 107.5° | 1065.5 | 1072.4 | 1065.5 | 1058.5 | 1056.8 | 903.9 | 700.1 | 598.2 | 504.6 | 317.4 | 177.0 |
| 110° | 1118.2 | 1148.1 | 1118.2 | 1088.3 | 1080.8 | 909.9 | 682.1 | 568.2 | 483.8 | 315.0 | 188.4 |



TEST NUMBER: P933913

CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 1122.9 | 1168.8 | 1122.9 | 1077.0 | 1065.5 | 890.6 | 657.5 | 540.9 | 465.6 | 315.1 | 202.2 |
| 115° | 1093.1 | 1156.8 | 1093.1 | 1029.4 | 1013.5 | 845.0 | 620.4 | 508.1 | 444.7 | 318.0 | 223.0 |
| 117.5° | 1030.0 | 1100.6 | 1030.0 | 959.4 | 941.7 | 789.7 | 587.0 | 485.6 | 431.7 | 323.9 | 243.1 |
| 120° | 979.1 | 1047.7 | 979.1 | 910.5 | 893.3 | 754.4 | 569.1 | 476.5 | 427.2 | 328.7 | 254.8 |
| 122.5° | 929.6 | 997.3 | 929.6 | 861.8 | 844.9 | 719.8 | 553.0 | 469.6 | 424.9 | 335.6 | 268.6 |
| 125° | 858.8 | 921.2 | 858.8 | 796.5 | 780.9 | 674.6 | 532.9 | 462.1 | 423.1 | 345.0 | 286.4 |
| 127.5° | 795.3 | 847.9 | 795.3 | 742.7 | 729.5 | 638.3 | 516.6 | 455.8 | 422.0 | 354.3 | 303.5 |
| 130° | 757.9 | 806.5 | 757.9 | 709.3 | 697.1 | 615.9 | 507.6 | 453.4 | 422.6 | 361.1 | 314.9 |
| 132.5° | 723.9 | 767.4 | 723.9 | 680.4 | 669.5 | 596.8 | 499.8 | 451.3 | 423.1 | 366.6 | 324.2 |
| 135° | 677.3 | 714.8 | 677.3 | 639.8 | 630.4 | 569.5 | 488.3 | 447.7 | 422.7 | 372.6 | 335.0 |
| 137.5° | 639.9 | 670.7 | 639.9 | 609.2 | 601.5 | 550.0 | 481.4 | 447.1 | 425.3 | 381.6 | 348.8 |
| 140° | 614.3 | 643.0 | 614.3 | 585.6 | 578.4 | 533.9 | 474.6 | 445.0 | 425.7 | 387.1 | 358.2 |
| 142.5° | 593.1 | 617.8 | 593.1 | 568.4 | 562.2 | 523.1 | 471.0 | 445.0 | 427.2 | 391.7 | 365.1 |
| 145° | 561.2 | 579.9 | 561.2 | 542.5 | 537.8 | 505.9 | 463.3 | 442.0 | 427.2 | 397.7 | 375.6 |
| 147.5° | 536.8 | 552.3 | 536.8 | 521.3 | 517.4 | 492.3 | 458.8 | 442.0 | 430.2 | 406.5 | 388.8 |
| 150° | 521.4 | 533.9 | 521.4 | 508.8 | 505.7 | 484.5 | 456.2 | 442.0 | 431.7 | 411.1 | 395.7 |
| 152.5° | 508.2 | 517.7 | 508.2 | 498.8 | 496.4 | 478.3 | 454.1 | 442.0 | 432.7 | 414.1 | 400.2 |
| 155° | 493.1 | 499.4 | 493.1 | 486.9 | 485.3 | 470.9 | 451.6 | 442.0 | 434.9 | 420.7 | 410.1 |
| 157.5° | 481.2 | 485.6 | 481.2 | 476.7 | 475.6 | 464.4 | 449.5 | 442.0 | 437.1 | 427.4 | 420.1 |
| 160° | 474.0 | 476.5 | 474.0 | 471.4 | 470.8 | 461.2 | 448.4 | 442.0 | 438.1 | 430.4 | 424.6 |
| 162.5° | 469.3 | 471.7 | 469.3 | 466.9 | 466.3 | 458.2 | 447.4 | 442.0 | 439.2 | 433.6 | 429.4 |
| 165° | 462.6 | 465.1 | 462.6 | 460.0 | 459.4 | 453.6 | 445.9 | 442.0 | 440.7 | 438.2 | 436.3 |
| 167.5° | 457.7 | 458.8 | 457.7 | 456.7 | 456.4 | 452.6 | 447.5 | 445.0 | 443.9 | 441.8 | 440.2 |
| 170° | 456.4 | 456.4 | 456.4 | 456.4 | 456.4 | 452.6 | 447.5 | 445.0 | 444.9 | 444.8 | 444.7 |
| 172.5° | 452.8 | 451.9 | 452.8 | 453.8 | 454.0 | 451.0 | 447.0 | 445.0 | 445.0 | 445.0 | 445.0 |
| 175° | 450.7 | 450.7 | 450.7 | 450.7 | 450.7 | 448.8 | 446.3 | 445.0 | 445.6 | 446.8 | 447.7 |
| 177.5° | 448.8 | 447.7 | 448.8 | 449.8 | 450.1 | 448.6 | 446.6 | 445.6 | 446.1 | 447.0 | 447.7 |
| 180° | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 |



TEST NUMBER: P933913

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CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 |
| 2.5° | 3216.1 | 3198.1 | 3198.1 | 3168.1 | 3156.1 | 3147.1 | 3132.1 | 3087.1 | 3075.1 | 3063.1 | 3081.1 |
| 5° | 3243.1 | 3210.1 | 3186.1 | 3132.1 | 3087.1 | 3069.1 | 3012.1 | 2904.1 | 2832.1 | 2778.1 | 2748.1 |
| 7.5° | 3249.1 | 3207.1 | 3162.1 | 3078.1 | 2970.1 | 2922.1 | 2748.1 | 2550.0 | 2496.0 | 2448.0 | 2418.0 |
| 10° | 3243.1 | 3195.1 | 3132.1 | 3006.1 | 2751.1 | 2667.1 | 2493.0 | 2364.0 | 2331.0 | 2322.0 | 2331.0 |
| 12.5° | 3222.1 | 3177.1 | 3090.1 | 2880.1 | 2523.0 | 2466.0 | 2364.0 | 2289.0 | 2283.0 | 2298.0 | 2379.0 |
| 15° | 3186.1 | 3144.1 | 3042.1 | 2712.1 | 2397.0 | 2355.0 | 2283.0 | 2256.0 | 2289.0 | 2394.0 | 2637.0 |
| 17.5° | 3150.1 | 3102.1 | 2976.1 | 2547.0 | 2301.0 | 2271.0 | 2220.0 | 2274.0 | 2460.0 | 2601.0 | 2682.1 |
| 20° | 3102.1 | 3045.1 | 2901.1 | 2427.0 | 2232.0 | 2205.0 | 2181.0 | 2424.0 | 2565.0 | 2616.0 | 2661.1 |
| 22.5° | 3045.1 | 2985.1 | 2799.1 | 2343.0 | 2160.0 | 2139.0 | 2154.0 | 2508.0 | 2565.0 | 2601.0 | 2640.0 |
| 25° | 2970.1 | 2919.1 | 2679.1 | 2277.0 | 2103.0 | 2079.0 | 2136.0 | 2499.0 | 2532.0 | 2541.0 | 2619.0 |
| 27.5° | 2901.1 | 2835.1 | 2553.0 | 2217.0 | 2034.0 | 2025.0 | 2151.0 | 2460.0 | 2484.0 | 2493.0 | 2577.0 |
| 30° | 2817.1 | 2718.1 | 2412.0 | 2154.0 | 1962.0 | 1959.0 | 2154.0 | 2412.0 | 2406.0 | 2430.0 | 2514.0 |
| 32.5° | 2730.1 | 2544.0 | 2253.0 | 2076.0 | 1893.0 | 1890.0 | 2133.0 | 2340.0 | 2334.0 | 2367.0 | 2430.0 |
| 35° | 2649.1 | 2409.0 | 2037.0 | 1986.0 | 1806.0 | 1809.0 | 2082.0 | 2256.0 | 2259.0 | 2289.0 | 2328.0 |
| 37.5° | 2565.0 | 2292.0 | 1800.0 | 1887.0 | 1722.0 | 1722.0 | 2013.0 | 2178.0 | 2172.0 | 2181.0 | 2235.0 |
| 40° | 2466.0 | 2109.0 | 1590.0 | 1758.0 | 1644.0 | 1635.0 | 1929.0 | 2094.0 | 2073.0 | 2070.0 | 2145.0 |
| 42.5° | 2361.0 | 1908.0 | 1434.0 | 1587.0 | 1554.0 | 1542.0 | 1827.0 | 1992.0 | 1953.0 | 1962.0 | 2058.0 |
| 45° | 2247.0 | 1854.0 | 1314.0 | 1341.0 | 1461.0 | 1452.0 | 1716.0 | 1875.0 | 1848.0 | 1872.0 | 1971.0 |
| 47.5° | 2133.0 | 1746.0 | 1275.0 | 1113.0 | 1362.0 | 1359.0 | 1593.0 | 1761.0 | 1746.0 | 1770.0 | 1875.0 |
| 50° | 1977.0 | 1626.0 | 1272.0 | 954.0 | 1251.0 | 1263.0 | 1446.0 | 1650.0 | 1650.0 | 1671.0 | 1782.0 |
| 52.5° | 1776.0 | 1479.0 | 1155.0 | 864.0 | 1122.0 | 1158.0 | 1317.0 | 1554.0 | 1560.0 | 1581.0 | 1680.0 |
| 55° | 1593.0 | 1326.0 | 1071.0 | 795.0 | 969.0 | 1047.0 | 1191.0 | 1455.0 | 1467.0 | 1488.0 | 1578.0 |
| 57.5° | 1425.0 | 1104.0 | 1053.0 | 714.0 | 828.0 | 903.0 | 1080.0 | 1359.0 | 1365.0 | 1383.0 | 1470.0 |
| 60° | 1245.0 | 798.0 | 966.0 | 627.0 | 705.0 | 762.0 | 978.0 | 1245.0 | 1266.0 | 1278.0 | 1353.0 |
| 62.5° | 1041.0 | 579.0 | 876.0 | 567.0 | 645.0 | 657.0 | 894.0 | 1137.0 | 1164.0 | 1173.0 | 1218.0 |
| 65° | 741.0 | 486.0 | 744.0 | 516.0 | 582.0 | 585.0 | 804.0 | 1026.0 | 1050.0 | 1065.0 | 1098.0 |
| 67.5° | 501.0 | 396.0 | 567.0 | 468.0 | 534.0 | 537.0 | 717.0 | 897.0 | 930.0 | 942.0 | 963.0 |
| 70° | 348.0 | 264.0 | 420.0 | 417.0 | 480.0 | 486.0 | 624.0 | 780.0 | 810.0 | 819.0 | 831.0 |
| 72.5° | 255.0 | 213.0 | 348.0 | 375.0 | 423.0 | 429.0 | 528.0 | 648.0 | 678.0 | 687.0 | 693.0 |
| 75° | 195.0 | 225.0 | 282.0 | 327.0 | 360.0 | 363.0 | 432.0 | 528.0 | 549.0 | 555.0 | 558.0 |
| 77.5° | 156.0 | 210.0 | 207.0 | 264.0 | 294.0 | 288.0 | 339.0 | 408.0 | 426.0 | 426.0 | 426.0 |
| 80° | 117.0 | 165.0 | 156.0 | 189.0 | 216.0 | 210.0 | 243.0 | 291.0 | 297.0 | 303.0 | 300.0 |
| 82.5° | 87.0 | 105.0 | 105.0 | 120.0 | 144.0 | 138.0 | 162.0 | 189.0 | 189.0 | 189.0 | 195.0 |
| 85° | 54.0 | 60.0 | 48.0 | 63.0 | 81.0 | 78.0 | 90.0 | 102.0 | 105.0 | 105.0 | 99.0 |
| 87.5° | 33.0 | 27.0 | 15.0 | 24.0 | 36.0 | 36.0 | 42.0 | 45.0 | 42.0 | 42.0 | 42.0 |
| 90° | 7.8 | 5.4 | 3.0 | 5.4 | 7.8 | 8.4 | 13.2 | 19.6 | 22.8 | 20.3 | 15.2 |
| 92.5° | 52.9 | 32.4 | 12.0 | 32.4 | 52.9 | 58.0 | 81.5 | 112.9 | 128.6 | 112.7 | 80.9 |
| 95° | 103.6 | 66.2 | 28.8 | 66.2 | 103.6 | 113.0 | 200.6 | 317.5 | 375.9 | 335.4 | 254.5 |
| 97.5° | 115.9 | 82.9 | 49.9 | 82.9 | 115.9 | 124.1 | 270.2 | 465.1 | 562.5 | 536.9 | 485.8 |
| 100° | 125.9 | 96.0 | 66.1 | 96.0 | 125.9 | 133.4 | 295.6 | 511.8 | 619.9 | 621.8 | 625.5 |
| 102.5° | 135.7 | 107.8 | 79.9 | 107.8 | 135.7 | 142.7 | 307.2 | 526.5 | 636.1 | 668.7 | 733.8 |
| 105° | 150.6 | 127.0 | 103.4 | 127.0 | 150.6 | 156.5 | 315.8 | 528.1 | 634.3 | 707.3 | 853.4 |
| 107.5° | 171.5 | 149.4 | 127.4 | 149.4 | 171.5 | 177.0 | 317.4 | 504.6 | 598.2 | 700.1 | 903.9 |
| 110° | 183.4 | 163.5 | 143.6 | 163.5 | 183.4 | 188.4 | 315.0 | 483.8 | 568.2 | 682.1 | 909.9 |



TEST NUMBER: P933913

CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 197.5 | 178.5 | 159.6 | 178.5 | 197.5 | 202.2 | 315.1 | 465.6 | 540.9 | 657.5 | 890.6 |
| 115° | 218.6 | 201.1 | 183.6 | 201.1 | 218.6 | 223.0 | 318.0 | 444.7 | 508.1 | 620.4 | 845.0 |
| 117.5° | 239.1 | 223.2 | 207.3 | 223.2 | 239.1 | 243.1 | 323.9 | 431.7 | 485.6 | 587.0 | 789.7 |
| 120° | 251.1 | 236.1 | 221.1 | 236.1 | 251.1 | 254.8 | 328.7 | 427.2 | 476.5 | 569.1 | 754.4 |
| 122.5° | 264.8 | 249.8 | 234.7 | 249.8 | 264.8 | 268.6 | 335.6 | 424.9 | 469.6 | 553.0 | 719.8 |
| 125° | 283.0 | 269.2 | 255.4 | 269.2 | 283.0 | 286.4 | 345.0 | 423.1 | 462.1 | 532.9 | 674.6 |
| 127.5° | 300.0 | 286.1 | 272.2 | 286.1 | 300.0 | 303.5 | 354.3 | 422.0 | 455.8 | 516.6 | 638.3 |
| 130° | 311.2 | 296.2 | 281.2 | 296.2 | 311.2 | 314.9 | 361.1 | 422.6 | 453.4 | 507.6 | 615.9 |
| 132.5° | 320.5 | 305.5 | 290.6 | 305.5 | 320.5 | 324.2 | 366.6 | 423.1 | 451.3 | 499.8 | 596.8 |
| 135° | 331.6 | 318.0 | 304.4 | 318.0 | 331.6 | 335.0 | 372.6 | 422.7 | 447.7 | 488.3 | 569.5 |
| 137.5° | 345.4 | 332.0 | 318.5 | 332.0 | 345.4 | 348.8 | 381.6 | 425.3 | 447.1 | 481.4 | 550.0 |
| 140° | 355.1 | 342.6 | 330.2 | 342.6 | 355.1 | 358.2 | 387.1 | 425.7 | 445.0 | 474.6 | 533.9 |
| 142.5° | 362.2 | 350.7 | 339.2 | 350.7 | 362.2 | 365.1 | 391.7 | 427.2 | 445.0 | 471.0 | 523.1 |
| 145° | 373.1 | 363.1 | 353.1 | 363.1 | 373.1 | 375.6 | 397.7 | 427.2 | 442.0 | 463.3 | 505.9 |
| 147.5° | 386.4 | 376.6 | 366.9 | 376.6 | 386.4 | 388.8 | 406.5 | 430.2 | 442.0 | 458.8 | 492.3 |
| 150° | 393.5 | 384.7 | 375.9 | 384.7 | 393.5 | 395.7 | 411.1 | 431.7 | 442.0 | 456.2 | 484.5 |
| 152.5° | 398.5 | 391.9 | 385.2 | 391.9 | 398.5 | 400.2 | 414.1 | 432.7 | 442.0 | 454.1 | 478.3 |
| 155° | 408.9 | 403.9 | 399.0 | 403.9 | 408.9 | 410.1 | 420.7 | 434.9 | 442.0 | 451.6 | 470.9 |
| 157.5° | 418.9 | 414.0 | 409.2 | 414.0 | 418.9 | 420.1 | 427.4 | 437.1 | 442.0 | 449.5 | 464.4 |
| 160° | 423.7 | 419.9 | 416.2 | 419.9 | 423.7 | 424.6 | 430.4 | 438.1 | 442.0 | 448.4 | 461.2 |
| 162.5° | 428.7 | 425.9 | 423.1 | 425.9 | 428.7 | 429.4 | 433.6 | 439.2 | 442.0 | 447.4 | 458.2 |
| 165° | 435.7 | 433.1 | 430.6 | 433.1 | 435.7 | 436.3 | 438.2 | 440.7 | 442.0 | 445.9 | 453.6 |
| 167.5° | 439.9 | 438.7 | 437.5 | 438.7 | 439.9 | 440.2 | 441.8 | 443.9 | 445.0 | 447.5 | 452.6 |
| 170° | 444.4 | 443.2 | 442.0 | 443.2 | 444.4 | 444.7 | 444.8 | 444.9 | 445.0 | 447.5 | 452.6 |
| 172.5° | 444.9 | 444.7 | 444.4 | 444.7 | 444.9 | 445.0 | 445.0 | 445.0 | 445.0 | 447.0 | 451.0 |
| 175° | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 446.8 | 445.6 | 445.0 | 446.3 | 448.8 |
| 177.5° | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.0 | 446.1 | 445.6 | 446.6 | 448.6 |
| 180° | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 |



TEST NUMBER: P933913
 CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 |
| 2.5° | 3060.1 | 3051.1 | 3063.1 | 3030.1 | 3063.1 | 3051.1 | 3060.1 | 3081.1 | 3063.1 | 3075.1 | 3087.1 |
| 5° | 2685.1 | 2670.1 | 2622.0 | 2583.0 | 2622.0 | 2670.1 | 2685.1 | 2748.1 | 2778.1 | 2832.1 | 2904.1 |
| 7.5° | 2400.0 | 2388.0 | 2376.0 | 2352.0 | 2376.0 | 2388.0 | 2400.0 | 2418.0 | 2448.0 | 2496.0 | 2550.0 |
| 10° | 2337.0 | 2340.0 | 2358.0 | 2355.0 | 2358.0 | 2340.0 | 2337.0 | 2331.0 | 2322.0 | 2331.0 | 2364.0 |
| 12.5° | 2499.0 | 2526.0 | 2625.0 | 2619.0 | 2625.0 | 2526.0 | 2499.0 | 2379.0 | 2298.0 | 2283.0 | 2289.0 |
| 15° | 2685.1 | 2694.1 | 2715.1 | 2718.1 | 2715.1 | 2694.1 | 2685.1 | 2637.0 | 2394.0 | 2289.0 | 2256.0 |
| 17.5° | 2703.1 | 2706.1 | 2721.1 | 2721.1 | 2721.1 | 2706.1 | 2703.1 | 2682.1 | 2601.0 | 2460.0 | 2274.0 |
| 20° | 2688.1 | 2694.1 | 2724.1 | 2730.1 | 2724.1 | 2694.1 | 2688.1 | 2661.1 | 2616.0 | 2565.0 | 2424.0 |
| 22.5° | 2682.1 | 2694.1 | 2718.1 | 2715.1 | 2718.1 | 2694.1 | 2682.1 | 2640.0 | 2601.0 | 2565.0 | 2508.0 |
| 25° | 2652.1 | 2652.1 | 2655.1 | 2658.1 | 2655.1 | 2652.1 | 2652.1 | 2619.0 | 2541.0 | 2532.0 | 2499.0 |
| 27.5° | 2589.0 | 2595.0 | 2613.0 | 2610.0 | 2613.0 | 2595.0 | 2589.0 | 2577.0 | 2493.0 | 2484.0 | 2460.0 |
| 30° | 2532.0 | 2526.0 | 2511.0 | 2499.0 | 2511.0 | 2526.0 | 2532.0 | 2514.0 | 2430.0 | 2406.0 | 2412.0 |
| 32.5° | 2436.0 | 2421.0 | 2406.0 | 2397.0 | 2406.0 | 2421.0 | 2436.0 | 2430.0 | 2367.0 | 2334.0 | 2340.0 |
| 35° | 2322.0 | 2325.0 | 2322.0 | 2313.0 | 2322.0 | 2325.0 | 2322.0 | 2328.0 | 2289.0 | 2259.0 | 2256.0 |
| 37.5° | 2241.0 | 2247.0 | 2244.0 | 2232.0 | 2244.0 | 2247.0 | 2241.0 | 2235.0 | 2181.0 | 2172.0 | 2178.0 |
| 40° | 2157.0 | 2160.0 | 2157.0 | 2148.0 | 2157.0 | 2160.0 | 2157.0 | 2145.0 | 2070.0 | 2073.0 | 2094.0 |
| 42.5° | 2076.0 | 2073.0 | 2064.0 | 2058.0 | 2064.0 | 2073.0 | 2076.0 | 2058.0 | 1962.0 | 1953.0 | 1992.0 |
| 45° | 1983.0 | 1986.0 | 1968.0 | 1959.0 | 1968.0 | 1986.0 | 1983.0 | 1971.0 | 1872.0 | 1848.0 | 1875.0 |
| 47.5° | 1890.0 | 1890.0 | 1875.0 | 1866.0 | 1875.0 | 1890.0 | 1890.0 | 1875.0 | 1770.0 | 1746.0 | 1761.0 |
| 50° | 1791.0 | 1788.0 | 1767.0 | 1764.0 | 1767.0 | 1788.0 | 1791.0 | 1782.0 | 1671.0 | 1650.0 | 1650.0 |
| 52.5° | 1677.0 | 1677.0 | 1680.0 | 1686.0 | 1680.0 | 1677.0 | 1677.0 | 1680.0 | 1581.0 | 1560.0 | 1554.0 |
| 55° | 1578.0 | 1581.0 | 1602.0 | 1608.0 | 1602.0 | 1581.0 | 1578.0 | 1578.0 | 1488.0 | 1467.0 | 1455.0 |
| 57.5° | 1476.0 | 1476.0 | 1491.0 | 1491.0 | 1491.0 | 1476.0 | 1476.0 | 1470.0 | 1383.0 | 1365.0 | 1359.0 |
| 60° | 1359.0 | 1365.0 | 1377.0 | 1374.0 | 1377.0 | 1365.0 | 1359.0 | 1353.0 | 1278.0 | 1266.0 | 1245.0 |
| 62.5° | 1236.0 | 1242.0 | 1245.0 | 1239.0 | 1245.0 | 1242.0 | 1236.0 | 1218.0 | 1173.0 | 1164.0 | 1137.0 |
| 65° | 1107.0 | 1113.0 | 1116.0 | 1110.0 | 1116.0 | 1113.0 | 1107.0 | 1098.0 | 1065.0 | 1050.0 | 1026.0 |
| 67.5° | 975.0 | 972.0 | 969.0 | 981.0 | 969.0 | 972.0 | 975.0 | 963.0 | 942.0 | 930.0 | 897.0 |
| 70° | 840.0 | 840.0 | 837.0 | 843.0 | 837.0 | 840.0 | 840.0 | 831.0 | 819.0 | 810.0 | 780.0 |
| 72.5° | 696.0 | 693.0 | 705.0 | 696.0 | 705.0 | 693.0 | 696.0 | 693.0 | 687.0 | 678.0 | 648.0 |
| 75° | 555.0 | 561.0 | 555.0 | 564.0 | 555.0 | 561.0 | 555.0 | 558.0 | 555.0 | 549.0 | 528.0 |
| 77.5° | 423.0 | 429.0 | 423.0 | 423.0 | 423.0 | 429.0 | 423.0 | 426.0 | 426.0 | 426.0 | 408.0 |
| 80° | 300.0 | 297.0 | 297.0 | 294.0 | 297.0 | 297.0 | 300.0 | 300.0 | 303.0 | 297.0 | 291.0 |
| 82.5° | 192.0 | 189.0 | 189.0 | 195.0 | 189.0 | 189.0 | 192.0 | 195.0 | 189.0 | 189.0 | 189.0 |
| 85° | 105.0 | 108.0 | 102.0 | 102.0 | 102.0 | 108.0 | 105.0 | 99.0 | 105.0 | 105.0 | 102.0 |
| 87.5° | 39.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 39.0 | 42.0 | 42.0 | 42.0 | 45.0 |
| 90° | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 15.2 | 20.3 | 22.8 | 19.6 |
| 92.5° | 57.1 | 54.8 | 45.8 | 36.7 | 45.8 | 54.8 | 57.1 | 80.9 | 112.7 | 128.6 | 112.9 |
| 95° | 193.8 | 186.9 | 159.4 | 131.9 | 159.4 | 186.9 | 193.8 | 254.5 | 335.4 | 375.9 | 317.5 |
| 97.5° | 447.4 | 434.3 | 382.0 | 329.6 | 382.0 | 434.3 | 447.4 | 485.8 | 536.9 | 562.5 | 465.1 |
| 100° | 628.3 | 612.7 | 550.4 | 488.0 | 550.4 | 612.7 | 628.3 | 625.5 | 621.8 | 619.9 | 511.8 |
| 102.5° | 782.7 | 769.3 | 715.9 | 662.5 | 715.9 | 769.3 | 782.7 | 733.8 | 668.7 | 636.1 | 526.5 |
| 105° | 963.0 | 955.8 | 927.1 | 898.4 | 927.1 | 955.8 | 963.0 | 853.4 | 707.3 | 634.3 | 528.1 |
| 107.5° | 1056.8 | 1058.5 | 1065.5 | 1072.4 | 1065.5 | 1058.5 | 1056.8 | 903.9 | 700.1 | 598.2 | 504.6 |
| 110° | 1080.8 | 1088.3 | 1118.2 | 1148.1 | 1118.2 | 1088.3 | 1080.8 | 909.9 | 682.1 | 568.2 | 483.8 |



TEST NUMBER: P933913

CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1065.5 | 1077.0 | 1122.9 | 1168.8 | 1122.9 | 1077.0 | 1065.5 | 890.6 | 657.5 | 540.9 | 465.6 |
| 115° | 1013.5 | 1029.4 | 1093.1 | 1156.8 | 1093.1 | 1029.4 | 1013.5 | 845.0 | 620.4 | 508.1 | 444.7 |
| 117.5° | 941.7 | 959.4 | 1030.0 | 1100.6 | 1030.0 | 959.4 | 941.7 | 789.7 | 587.0 | 485.6 | 431.7 |
| 120° | 893.3 | 910.5 | 979.1 | 1047.7 | 979.1 | 910.5 | 893.3 | 754.4 | 569.1 | 476.5 | 427.2 |
| 122.5° | 844.9 | 861.8 | 929.6 | 997.3 | 929.6 | 861.8 | 844.9 | 719.8 | 553.0 | 469.6 | 424.9 |
| 125° | 780.9 | 796.5 | 858.8 | 921.2 | 858.8 | 796.5 | 780.9 | 674.6 | 532.9 | 462.1 | 423.1 |
| 127.5° | 729.5 | 742.7 | 795.3 | 847.9 | 795.3 | 742.7 | 729.5 | 638.3 | 516.6 | 455.8 | 422.0 |
| 130° | 697.1 | 709.3 | 757.9 | 806.5 | 757.9 | 709.3 | 697.1 | 615.9 | 507.6 | 453.4 | 422.6 |
| 132.5° | 669.5 | 680.4 | 723.9 | 767.4 | 723.9 | 680.4 | 669.5 | 596.8 | 499.8 | 451.3 | 423.1 |
| 135° | 630.4 | 639.8 | 677.3 | 714.8 | 677.3 | 639.8 | 630.4 | 569.5 | 488.3 | 447.7 | 422.7 |
| 137.5° | 601.5 | 609.2 | 639.9 | 670.7 | 639.9 | 609.2 | 601.5 | 550.0 | 481.4 | 447.1 | 425.3 |
| 140° | 578.4 | 585.6 | 614.3 | 643.0 | 614.3 | 585.6 | 578.4 | 533.9 | 474.6 | 445.0 | 425.7 |
| 142.5° | 562.2 | 568.4 | 593.1 | 617.8 | 593.1 | 568.4 | 562.2 | 523.1 | 471.0 | 445.0 | 427.2 |
| 145° | 537.8 | 542.5 | 561.2 | 579.9 | 561.2 | 542.5 | 537.8 | 505.9 | 463.3 | 442.0 | 427.2 |
| 147.5° | 517.4 | 521.3 | 536.8 | 552.3 | 536.8 | 521.3 | 517.4 | 492.3 | 458.8 | 442.0 | 430.2 |
| 150° | 505.7 | 508.8 | 521.4 | 533.9 | 521.4 | 508.8 | 505.7 | 484.5 | 456.2 | 442.0 | 431.7 |
| 152.5° | 496.4 | 498.8 | 508.2 | 517.7 | 508.2 | 498.8 | 496.4 | 478.3 | 454.1 | 442.0 | 432.7 |
| 155° | 485.3 | 486.9 | 493.1 | 499.4 | 493.1 | 486.9 | 485.3 | 470.9 | 451.6 | 442.0 | 434.9 |
| 157.5° | 475.6 | 476.7 | 481.2 | 485.6 | 481.2 | 476.7 | 475.6 | 464.4 | 449.5 | 442.0 | 437.1 |
| 160° | 470.8 | 471.4 | 474.0 | 476.5 | 474.0 | 471.4 | 470.8 | 461.2 | 448.4 | 442.0 | 438.1 |
| 162.5° | 466.3 | 466.9 | 469.3 | 471.7 | 469.3 | 466.9 | 466.3 | 458.2 | 447.4 | 442.0 | 439.2 |
| 165° | 459.4 | 460.0 | 462.6 | 465.1 | 462.6 | 460.0 | 459.4 | 453.6 | 445.9 | 442.0 | 440.7 |
| 167.5° | 456.4 | 456.7 | 457.7 | 458.8 | 457.7 | 456.7 | 456.4 | 452.6 | 447.5 | 445.0 | 443.9 |
| 170° | 456.4 | 456.4 | 456.4 | 456.4 | 456.4 | 456.4 | 456.4 | 452.6 | 447.5 | 445.0 | 444.9 |
| 172.5° | 454.0 | 453.8 | 452.8 | 451.9 | 452.8 | 453.8 | 454.0 | 451.0 | 447.0 | 445.0 | 445.0 |
| 175° | 450.7 | 450.7 | 450.7 | 450.7 | 450.7 | 450.7 | 450.7 | 448.8 | 446.3 | 445.0 | 445.6 |
| 177.5° | 450.1 | 449.8 | 448.8 | 447.7 | 448.8 | 449.8 | 450.1 | 448.6 | 446.6 | 445.6 | 446.1 |
| 180° | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 |



TEST NUMBER: P933913

CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 3171.1 | 3171.1 | 3171.1 | 3171.1 | 3171.1 |
| 2.5° | 3132.1 | 3147.1 | 3156.1 | 3168.1 | 3198.1 |
| 5° | 3012.1 | 3069.1 | 3087.1 | 3132.1 | 3186.1 |
| 7.5° | 2748.1 | 2922.1 | 2970.1 | 3078.1 | 3162.1 |
| 10° | 2493.0 | 2667.1 | 2751.1 | 3006.1 | 3132.1 |
| 12.5° | 2364.0 | 2466.0 | 2523.0 | 2880.1 | 3090.1 |
| 15° | 2283.0 | 2355.0 | 2397.0 | 2712.1 | 3042.1 |
| 17.5° | 2220.0 | 2271.0 | 2301.0 | 2547.0 | 2976.1 |
| 20° | 2181.0 | 2205.0 | 2232.0 | 2427.0 | 2901.1 |
| 22.5° | 2154.0 | 2139.0 | 2160.0 | 2343.0 | 2799.1 |
| 25° | 2136.0 | 2079.0 | 2103.0 | 2277.0 | 2679.1 |
| 27.5° | 2151.0 | 2025.0 | 2034.0 | 2217.0 | 2553.0 |
| 30° | 2154.0 | 1959.0 | 1962.0 | 2154.0 | 2412.0 |
| 32.5° | 2133.0 | 1890.0 | 1893.0 | 2076.0 | 2253.0 |
| 35° | 2082.0 | 1809.0 | 1806.0 | 1986.0 | 2037.0 |
| 37.5° | 2013.0 | 1722.0 | 1722.0 | 1887.0 | 1800.0 |
| 40° | 1929.0 | 1635.0 | 1644.0 | 1758.0 | 1590.0 |
| 42.5° | 1827.0 | 1542.0 | 1554.0 | 1587.0 | 1434.0 |
| 45° | 1716.0 | 1452.0 | 1461.0 | 1341.0 | 1314.0 |
| 47.5° | 1593.0 | 1359.0 | 1362.0 | 1113.0 | 1275.0 |
| 50° | 1446.0 | 1263.0 | 1251.0 | 954.0 | 1272.0 |
| 52.5° | 1317.0 | 1158.0 | 1122.0 | 864.0 | 1155.0 |
| 55° | 1191.0 | 1047.0 | 969.0 | 795.0 | 1071.0 |
| 57.5° | 1080.0 | 903.0 | 828.0 | 714.0 | 1053.0 |
| 60° | 978.0 | 762.0 | 705.0 | 627.0 | 966.0 |
| 62.5° | 894.0 | 657.0 | 645.0 | 567.0 | 876.0 |
| 65° | 804.0 | 585.0 | 582.0 | 516.0 | 744.0 |
| 67.5° | 717.0 | 537.0 | 534.0 | 468.0 | 567.0 |
| 70° | 624.0 | 486.0 | 480.0 | 417.0 | 420.0 |
| 72.5° | 528.0 | 429.0 | 423.0 | 375.0 | 348.0 |
| 75° | 432.0 | 363.0 | 360.0 | 327.0 | 282.0 |
| 77.5° | 339.0 | 288.0 | 294.0 | 264.0 | 207.0 |
| 80° | 243.0 | 210.0 | 216.0 | 189.0 | 156.0 |
| 82.5° | 162.0 | 138.0 | 144.0 | 120.0 | 105.0 |
| 85° | 90.0 | 78.0 | 81.0 | 63.0 | 48.0 |
| 87.5° | 42.0 | 36.0 | 36.0 | 24.0 | 15.0 |
| 90° | 13.2 | 8.4 | 7.8 | 5.4 | 3.0 |
| 92.5° | 81.5 | 58.0 | 52.9 | 32.4 | 12.0 |
| 95° | 200.6 | 113.0 | 103.6 | 66.2 | 28.8 |
| 97.5° | 270.2 | 124.1 | 115.9 | 82.9 | 49.9 |
| 100° | 295.6 | 133.4 | 125.9 | 96.0 | 66.1 |
| 102.5° | 307.2 | 142.7 | 135.7 | 107.8 | 79.9 |
| 105° | 315.8 | 156.5 | 150.6 | 127.0 | 103.4 |
| 107.5° | 317.4 | 177.0 | 171.5 | 149.4 | 127.4 |
| 110° | 315.0 | 188.4 | 183.4 | 163.5 | 143.6 |



TEST NUMBER: P933913

CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 315.1 | 202.2 | 197.5 | 178.5 | 159.6 |
| 115° | 318.0 | 223.0 | 218.6 | 201.1 | 183.6 |
| 117.5° | 323.9 | 243.1 | 239.1 | 223.2 | 207.3 |
| 120° | 328.7 | 254.8 | 251.1 | 236.1 | 221.1 |
| 122.5° | 335.6 | 268.6 | 264.8 | 249.8 | 234.7 |
| 125° | 345.0 | 286.4 | 283.0 | 269.2 | 255.4 |
| 127.5° | 354.3 | 303.5 | 300.0 | 286.1 | 272.2 |
| 130° | 361.1 | 314.9 | 311.2 | 296.2 | 281.2 |
| 132.5° | 366.6 | 324.2 | 320.5 | 305.5 | 290.6 |
| 135° | 372.6 | 335.0 | 331.6 | 318.0 | 304.4 |
| 137.5° | 381.6 | 348.8 | 345.4 | 332.0 | 318.5 |
| 140° | 387.1 | 358.2 | 355.1 | 342.6 | 330.2 |
| 142.5° | 391.7 | 365.1 | 362.2 | 350.7 | 339.2 |
| 145° | 397.7 | 375.6 | 373.1 | 363.1 | 353.1 |
| 147.5° | 406.5 | 388.8 | 386.4 | 376.6 | 366.9 |
| 150° | 411.1 | 395.7 | 393.5 | 384.7 | 375.9 |
| 152.5° | 414.1 | 400.2 | 398.5 | 391.9 | 385.2 |
| 155° | 420.7 | 410.1 | 408.9 | 403.9 | 399.0 |
| 157.5° | 427.4 | 420.1 | 418.9 | 414.0 | 409.2 |
| 160° | 430.4 | 424.6 | 423.7 | 419.9 | 416.2 |
| 162.5° | 433.6 | 429.4 | 428.7 | 425.9 | 423.1 |
| 165° | 438.2 | 436.3 | 435.7 | 433.1 | 430.6 |
| 167.5° | 441.8 | 440.2 | 439.9 | 438.7 | 437.5 |
| 170° | 444.8 | 444.7 | 444.4 | 443.2 | 442.0 |
| 172.5° | 445.0 | 445.0 | 444.9 | 444.7 | 444.4 |
| 175° | 446.8 | 447.7 | 447.7 | 447.7 | 447.7 |
| 177.5° | 447.0 | 447.7 | 447.7 | 447.7 | 447.7 |
| 180° | 447.7 | 447.7 | 447.7 | 447.7 | 447.7 |



TEST NUMBER: P933913
 CATALOG NUMBER: SQ4-FA-025U-075D-835-1D-UNV-STD-W-12

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 14.71 | 15.84 | 15.43 | 16.58 | 17.46 | 17.56 | 18.69 | 18.28 | 19.43 | 20.31 |
| | 3H | 15.21 | 16.22 | 15.94 | 16.97 | 17.88 | 18.93 | 19.95 | 19.67 | 20.70 | 21.61 |
| | 4H | 15.41 | 16.36 | 16.16 | 17.13 | 18.05 | 19.39 | 20.35 | 20.15 | 21.11 | 22.04 |
| | 6H | 15.54 | 16.42 | 16.31 | 17.19 | 18.13 | 19.70 | 20.58 | 20.46 | 21.35 | 22.29 |
| | 8H | 15.55 | 16.39 | 16.33 | 17.18 | 18.12 | 19.78 | 20.62 | 20.56 | 21.41 | 22.35 |
| | 12H | 15.53 | 16.33 | 16.31 | 17.11 | 18.08 | 19.83 | 20.63 | 20.62 | 21.42 | 22.39 |
| 4H | 2H | 15.78 | 16.73 | 16.54 | 17.49 | 18.42 | 18.00 | 18.96 | 18.76 | 19.72 | 20.64 |
| | 3H | 16.83 | 17.63 | 17.60 | 18.42 | 19.37 | 19.54 | 20.33 | 20.31 | 21.13 | 22.07 |
| | 4H | 17.12 | 17.84 | 17.90 | 18.64 | 19.61 | 20.08 | 20.80 | 20.87 | 21.60 | 22.57 |
| | 6H | 17.26 | 17.88 | 18.06 | 18.70 | 19.68 | 20.47 | 21.09 | 21.27 | 21.91 | 22.89 |
| | 8H | 17.27 | 17.85 | 18.08 | 18.67 | 19.66 | 20.58 | 21.17 | 21.39 | 21.98 | 22.98 |
| | 12H | 17.25 | 17.78 | 18.08 | 18.61 | 19.61 | 20.66 | 21.18 | 21.48 | 22.02 | 23.02 |
| 8H | 4H | 17.60 | 18.18 | 18.40 | 19.00 | 19.99 | 20.23 | 20.81 | 21.03 | 21.63 | 22.62 |
| | 6H | 17.87 | 18.35 | 18.70 | 19.21 | 20.20 | 20.68 | 21.16 | 21.51 | 22.02 | 23.02 |
| | 8H | 17.91 | 18.34 | 18.76 | 19.20 | 20.21 | 20.84 | 21.27 | 21.68 | 22.12 | 23.13 |
| | 12H | 17.91 | 18.29 | 18.76 | 19.14 | 20.20 | 20.95 | 21.33 | 21.80 | 22.18 | 23.24 |
| 12H | 4H | 17.62 | 18.14 | 18.44 | 18.98 | 19.98 | 20.20 | 20.73 | 21.03 | 21.57 | 22.57 |
| | 6H | 17.93 | 18.36 | 18.78 | 19.22 | 20.23 | 20.68 | 21.11 | 21.52 | 21.97 | 22.97 |
| | 8H | 18.01 | 18.39 | 18.86 | 19.24 | 20.30 | 20.86 | 21.24 | 21.70 | 22.08 | 23.15 |