

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: P934001

Luminaire Tested: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934001
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-B40-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

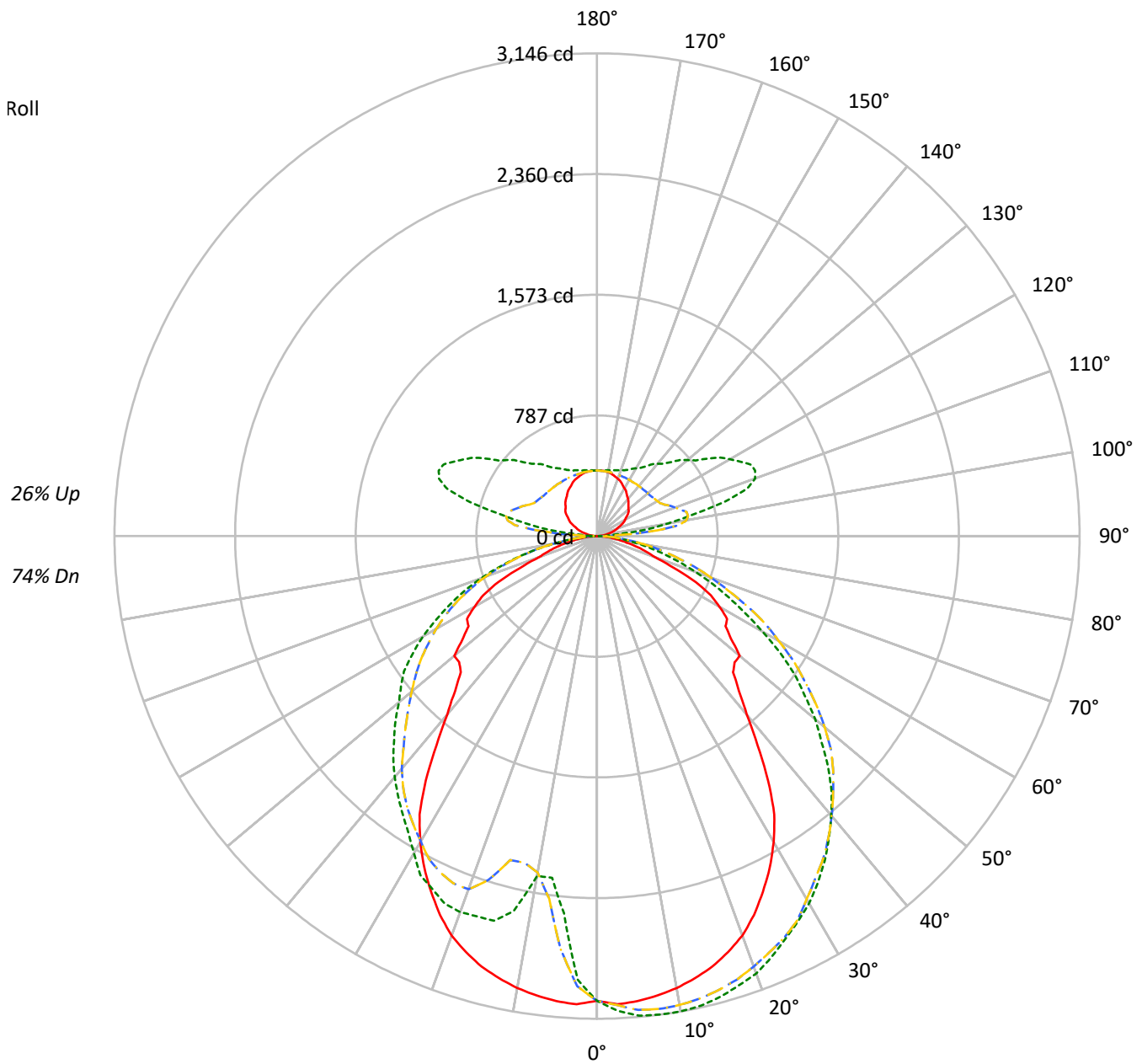
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10625.2 lumens
Efficiency: N/A
Efficacy: 118.1 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: P934001
CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

Luminous Intensity Polar Plot



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



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 9367 | 9367 | 9367 | 9367 |
| 5° | 9440 | 9456 | 9440 | 7435 |
| 10° | 9381 | 9314 | 9381 | 6659 |
| 15° | 9282 | 9112 | 9282 | 7609 |
| 20° | 9092 | 8873 | 9092 | 7625 |
| 25° | 8698 | 8525 | 8698 | 7463 |
| 30° | 8188 | 8235 | 8188 | 7108 |
| 35° | 7303 | 7869 | 7303 | 6719 |
| 40° | 6088 | 7438 | 6088 | 6424 |
| 45° | 5444 | 6933 | 5444 | 6085 |
| 50° | 5788 | 6332 | 5788 | 5745 |
| 55° | 5451 | 5683 | 5451 | 5548 |
| 60° | 5626 | 4827 | 5626 | 5082 |
| 65° | 5109 | 3990 | 5109 | 4460 |
| 70° | 3546 | 3180 | 3546 | 3739 |
| 75° | 3121 | 2351 | 3121 | 2815 |
| 80° | 2534 | 1554 | 2534 | 1692 |
| 85° | 1484 | 823 | 1484 | 700 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8338 cd/sqm



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 273.4 | 2.6 |
| 10°-20° | 776.2 | 7.3 |
| 20°-30° | 1199.8 | 11.3 |
| 30°-40° | 1432.3 | 13.5 |
| 40°-50° | 1440.7 | 13.6 |
| 50°-60° | 1253.5 | 11.8 |
| 60°-70° | 888.8 | 8.4 |
| 70°-80° | 470.2 | 4.4 |
| 80°-90° | 118.7 | 1.1 |
| 90°-100° | 208.4 | 2.0 |
| 100°-110° | 547.9 | 5.2 |
| 110°-120° | 568.1 | 5.3 |
| 120°-130° | 455.7 | 4.3 |
| 130°-140° | 357.6 | 3.4 |
| 140°-150° | 274.5 | 2.6 |
| 150°-160° | 197.7 | 1.9 |
| 160°-170° | 120.9 | 1.1 |
| 170°-180° | 40.9 | 0.4 |
| 0°-30° | 2249.3 | 21.2 |
| 0°-40° | 3681.6 | 34.6 |
| 0°-60° | 6375.8 | 60.0 |
| 0°-90° | 7853.6 | 73.9 |
| 90°-120° | 1324.5 | 12.5 |
| 90°-150° | 2412.2 | 22.7 |
| 90°-180° | 2772.0 | 26.1 |
| 0°-180° | 10625.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3028 | 3028 | 3028 | 3028 | 3028 | |
| 5° | 3043 | 3137 | 3043 | 2467 | 3043 | 289 |
| 15° | 2905 | 3109 | 2905 | 2596 | 2905 | 817 |
| 25° | 2558 | 2900 | 2558 | 2538 | 2558 | 1175 |
| 35° | 1945 | 2587 | 1945 | 2209 | 1945 | 1204 |
| 45° | 1255 | 2132 | 1255 | 1871 | 1255 | 1005 |
| 55° | 1023 | 1573 | 1023 | 1536 | 1023 | 940 |
| 65° | 710 | 948 | 710 | 1060 | 710 | 679 |
| 75° | 269 | 450 | 269 | 539 | 269 | 283 |
| 85° | 46 | 115 | 46 | 97 | 46 | 62 |
| 90° | 3 | 11 | 3 | 11 | 3 | 4 |
| 95° | 28 | 126 | 28 | 126 | 28 | 31 |
| 105° | 99 | 858 | 99 | 858 | 99 | 105 |
| 115° | 175 | 1105 | 175 | 1105 | 175 | 173 |
| 125° | 244 | 880 | 244 | 880 | 244 | 217 |
| 135° | 291 | 683 | 291 | 683 | 291 | 225 |
| 145° | 337 | 554 | 337 | 554 | 337 | 211 |
| 155° | 381 | 477 | 381 | 477 | 381 | 175 |
| 165° | 411 | 444 | 411 | 444 | 411 | 116 |
| 175° | 428 | 430 | 428 | 430 | 428 | 41 |
| 180° | 428 | 428 | 428 | 428 | 428 | |



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 3054.2 | 3054.2 | 3071.4 | 3077.1 | 3077.1 | 3068.5 | 3059.9 | 3068.5 | 3094.3 | 3102.9 | 3100.0 |
| 5° | 3042.7 | 3065.6 | 3097.2 | 3102.9 | 3108.6 | 3105.8 | 3100.0 | 3105.8 | 3134.4 | 3140.1 | 3143.0 |
| 7.5° | 3019.8 | 3062.8 | 3102.9 | 3111.5 | 3120.1 | 3111.5 | 3108.6 | 3114.4 | 3143.0 | 3148.7 | 3148.7 |
| 10° | 2991.2 | 3051.3 | 3097.2 | 3102.9 | 3111.5 | 3102.9 | 3102.9 | 3114.4 | 3143.0 | 3148.7 | 3151.6 |
| 12.5° | 2951.0 | 3034.1 | 3077.1 | 3082.8 | 3094.3 | 3091.4 | 3088.6 | 3100.0 | 3128.7 | 3134.4 | 3134.4 |
| 15° | 2905.2 | 3002.6 | 3042.7 | 3048.5 | 3068.5 | 3062.8 | 3062.8 | 3074.2 | 3105.8 | 3114.4 | 3111.5 |
| 17.5° | 2842.2 | 2962.5 | 3008.3 | 3016.9 | 3031.3 | 3028.4 | 3031.3 | 3042.7 | 3071.4 | 3077.1 | 3080.0 |
| 20° | 2770.6 | 2908.1 | 2962.5 | 2971.1 | 2985.4 | 2985.4 | 2985.4 | 2999.8 | 3028.4 | 3039.9 | 3039.9 |
| 22.5° | 2673.1 | 2850.8 | 2908.1 | 2913.8 | 2931.0 | 2931.0 | 2936.7 | 2956.8 | 2982.6 | 2985.4 | 2985.4 |
| 25° | 2558.5 | 2787.7 | 2836.4 | 2853.6 | 2870.8 | 2879.4 | 2888.0 | 2899.5 | 2908.1 | 2905.2 | 2908.1 |
| 27.5° | 2438.1 | 2707.5 | 2770.6 | 2782.0 | 2804.9 | 2813.5 | 2825.0 | 2827.9 | 2830.7 | 2839.3 | 2833.6 |
| 30° | 2303.5 | 2595.8 | 2690.3 | 2701.8 | 2739.0 | 2744.8 | 2733.3 | 2739.0 | 2753.4 | 2759.1 | 2764.8 |
| 32.5° | 2151.6 | 2429.5 | 2607.2 | 2633.0 | 2667.4 | 2650.2 | 2647.4 | 2656.0 | 2678.9 | 2678.9 | 2684.6 |
| 35° | 1945.3 | 2300.6 | 2529.9 | 2552.8 | 2578.6 | 2558.5 | 2570.0 | 2572.9 | 2587.2 | 2595.8 | 2592.9 |
| 37.5° | 1719.0 | 2188.9 | 2449.6 | 2466.8 | 2486.8 | 2461.0 | 2478.2 | 2486.8 | 2498.3 | 2492.5 | 2492.5 |
| 40° | 1518.4 | 2014.1 | 2355.0 | 2366.5 | 2383.7 | 2363.6 | 2380.8 | 2386.5 | 2392.3 | 2386.5 | 2383.7 |
| 42.5° | 1369.5 | 1822.1 | 2254.8 | 2269.1 | 2257.6 | 2271.9 | 2277.7 | 2289.1 | 2280.5 | 2269.1 | 2269.1 |
| 45° | 1254.9 | 1770.6 | 2145.9 | 2163.1 | 2145.9 | 2168.8 | 2177.4 | 2177.4 | 2151.6 | 2145.9 | 2143.0 |
| 47.5° | 1217.6 | 1667.4 | 2037.0 | 2037.0 | 2028.4 | 2057.1 | 2071.4 | 2051.3 | 2025.6 | 2017.0 | 2017.0 |
| 50° | 1214.8 | 1552.8 | 1888.0 | 1876.6 | 1916.7 | 1951.1 | 1936.7 | 1916.7 | 1896.6 | 1865.1 | 1865.1 |
| 52.5° | 1103.0 | 1412.4 | 1696.1 | 1739.1 | 1802.1 | 1822.1 | 1799.2 | 1779.2 | 1744.8 | 1730.5 | 1719.0 |
| 55° | 1022.8 | 1266.3 | 1521.3 | 1607.3 | 1673.2 | 1698.9 | 1656.0 | 1635.9 | 1584.3 | 1575.8 | 1570.0 |
| 57.5° | 1005.6 | 1054.3 | 1360.9 | 1469.7 | 1550.0 | 1547.1 | 1521.3 | 1484.1 | 1441.1 | 1432.5 | 1429.6 |
| 60° | 922.5 | 762.1 | 1189.0 | 1317.9 | 1401.0 | 1392.4 | 1369.5 | 1335.1 | 1295.0 | 1289.2 | 1283.5 |
| 62.5° | 836.6 | 552.9 | 994.2 | 1140.3 | 1257.7 | 1254.9 | 1234.8 | 1183.2 | 1154.6 | 1140.3 | 1128.8 |
| 65° | 710.5 | 464.1 | 707.7 | 948.3 | 1117.4 | 1123.1 | 1080.1 | 1042.9 | 1011.3 | 994.2 | 991.3 |
| 67.5° | 541.5 | 378.2 | 478.5 | 790.7 | 982.7 | 977.0 | 922.5 | 905.3 | 865.2 | 856.6 | 839.4 |
| 70° | 401.1 | 252.1 | 332.3 | 641.8 | 850.9 | 836.6 | 793.6 | 773.6 | 736.3 | 716.2 | 704.8 |
| 72.5° | 332.3 | 203.4 | 243.5 | 498.5 | 716.2 | 699.1 | 661.8 | 638.9 | 607.4 | 590.2 | 578.7 |
| 75° | 269.3 | 214.9 | 186.2 | 369.6 | 581.6 | 570.1 | 535.8 | 512.8 | 487.0 | 464.1 | 467.0 |
| 77.5° | 197.7 | 200.5 | 149.0 | 272.2 | 461.3 | 444.1 | 424.0 | 395.4 | 383.9 | 361.0 | 361.0 |
| 80° | 149.0 | 157.6 | 111.7 | 186.2 | 332.3 | 332.3 | 315.2 | 295.1 | 275.0 | 263.6 | 263.6 |
| 82.5° | 100.3 | 100.3 | 83.1 | 117.5 | 226.3 | 217.7 | 206.3 | 200.5 | 189.1 | 183.4 | 183.4 |
| 85° | 45.8 | 57.3 | 51.6 | 71.6 | 123.2 | 128.9 | 128.9 | 123.2 | 120.3 | 114.6 | 117.5 |
| 87.5° | 14.3 | 25.8 | 31.5 | 40.1 | 63.0 | 65.9 | 68.8 | 68.8 | 68.8 | 71.6 | 71.6 |
| 90° | 2.9 | 5.2 | 7.4 | 8.0 | 12.6 | 18.7 | 21.8 | 19.4 | 14.5 | 10.9 | 10.9 |
| 92.5° | 11.5 | 30.9 | 50.5 | 55.4 | 77.8 | 107.8 | 122.8 | 107.6 | 77.3 | 54.5 | 52.3 |
| 95° | 27.5 | 63.2 | 98.9 | 107.9 | 191.6 | 303.2 | 359.0 | 320.3 | 243.0 | 185.1 | 178.5 |
| 97.5° | 47.7 | 79.2 | 110.7 | 118.5 | 258.0 | 444.2 | 537.2 | 512.7 | 463.9 | 427.3 | 414.8 |
| 100° | 63.1 | 91.7 | 120.2 | 127.4 | 282.3 | 488.8 | 592.0 | 593.8 | 597.4 | 600.0 | 585.1 |
| 102.5° | 76.3 | 102.9 | 129.6 | 136.3 | 293.4 | 502.8 | 607.5 | 638.6 | 700.8 | 747.5 | 734.7 |
| 105° | 98.7 | 121.3 | 143.8 | 149.5 | 301.6 | 504.3 | 605.8 | 675.5 | 815.0 | 919.7 | 912.8 |
| 107.5° | 121.7 | 142.7 | 163.8 | 169.0 | 303.1 | 481.9 | 571.3 | 668.6 | 863.2 | 1009.2 | 1010.9 |
| 110° | 137.1 | 156.1 | 175.1 | 179.9 | 300.8 | 462.0 | 542.6 | 651.4 | 869.0 | 1032.2 | 1039.3 |



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 152.4 | 170.5 | 188.6 | 193.1 | 300.9 | 444.6 | 516.6 | 627.9 | 850.5 | 1017.6 | 1028.5 |
| 115° | 175.3 | 192.1 | 208.8 | 213.0 | 303.7 | 424.7 | 485.2 | 592.5 | 807.0 | 967.9 | 983.1 |
| 117.5° | 198.0 | 213.2 | 228.3 | 232.2 | 309.3 | 412.3 | 463.7 | 560.6 | 754.2 | 899.3 | 916.2 |
| 120° | 211.2 | 225.5 | 239.8 | 243.3 | 313.9 | 408.0 | 455.1 | 543.5 | 720.5 | 853.1 | 869.5 |
| 122.5° | 224.1 | 238.6 | 252.9 | 256.5 | 320.5 | 405.8 | 448.5 | 528.1 | 687.4 | 806.9 | 823.0 |
| 125° | 243.9 | 257.1 | 270.3 | 273.5 | 329.5 | 404.1 | 441.3 | 508.9 | 644.2 | 745.8 | 760.7 |
| 127.5° | 260.0 | 273.2 | 286.5 | 289.8 | 338.4 | 403.0 | 435.3 | 493.4 | 609.6 | 696.7 | 709.3 |
| 130° | 268.5 | 282.9 | 297.2 | 300.7 | 344.9 | 403.6 | 433.0 | 484.8 | 588.2 | 665.7 | 677.4 |
| 132.5° | 277.5 | 291.8 | 306.1 | 309.6 | 350.1 | 404.1 | 431.0 | 477.3 | 569.9 | 639.4 | 649.8 |
| 135° | 290.7 | 303.7 | 316.7 | 319.9 | 355.8 | 403.7 | 427.6 | 466.3 | 543.9 | 602.0 | 611.0 |
| 137.5° | 304.2 | 317.1 | 329.9 | 333.1 | 364.4 | 406.2 | 427.0 | 459.7 | 525.2 | 574.4 | 581.8 |
| 140° | 315.3 | 327.2 | 339.1 | 342.1 | 369.7 | 406.5 | 425.0 | 453.2 | 509.9 | 552.4 | 559.2 |
| 142.5° | 323.9 | 334.9 | 345.9 | 348.7 | 374.1 | 408.0 | 425.0 | 449.8 | 499.6 | 536.9 | 542.8 |
| 145° | 337.2 | 346.8 | 356.3 | 358.7 | 379.8 | 408.0 | 422.1 | 442.5 | 483.1 | 513.6 | 518.1 |
| 147.5° | 350.4 | 359.7 | 369.0 | 371.3 | 388.2 | 410.8 | 422.1 | 438.2 | 470.1 | 494.1 | 497.8 |
| 150° | 359.0 | 367.4 | 375.8 | 377.9 | 392.6 | 412.3 | 422.1 | 435.7 | 462.7 | 482.9 | 485.9 |
| 152.5° | 367.9 | 374.3 | 380.6 | 382.2 | 395.5 | 413.2 | 422.1 | 433.7 | 456.8 | 474.1 | 476.4 |
| 155° | 381.0 | 385.7 | 390.5 | 391.6 | 401.8 | 415.3 | 422.1 | 431.3 | 449.7 | 463.5 | 465.0 |
| 157.5° | 390.8 | 395.4 | 400.0 | 401.2 | 408.2 | 417.4 | 422.1 | 429.3 | 443.5 | 454.2 | 455.2 |
| 160° | 397.5 | 401.0 | 404.6 | 405.5 | 411.0 | 418.4 | 422.1 | 428.2 | 440.4 | 449.6 | 450.2 |
| 162.5° | 404.1 | 406.7 | 409.4 | 410.1 | 414.1 | 419.4 | 422.1 | 427.3 | 437.6 | 445.3 | 445.9 |
| 165° | 411.2 | 413.6 | 416.1 | 416.7 | 418.5 | 420.9 | 422.1 | 425.8 | 433.2 | 438.7 | 439.3 |
| 167.5° | 417.8 | 419.0 | 420.1 | 420.4 | 421.9 | 423.9 | 425.0 | 427.4 | 432.2 | 435.9 | 436.1 |
| 170° | 422.1 | 423.3 | 424.4 | 424.7 | 424.8 | 424.9 | 425.0 | 427.4 | 432.2 | 435.9 | 435.9 |
| 172.5° | 424.4 | 424.7 | 424.9 | 425.0 | 425.0 | 425.0 | 425.0 | 426.9 | 430.7 | 433.6 | 433.4 |
| 175° | 427.6 | 427.6 | 427.6 | 427.6 | 426.7 | 425.5 | 425.0 | 426.2 | 428.6 | 430.4 | 430.4 |
| 177.5° | 427.6 | 427.6 | 427.6 | 427.6 | 426.9 | 426.0 | 425.5 | 426.5 | 428.4 | 429.8 | 429.6 |
| 180° | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 |



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 3105.8 | 3097.2 | 3105.8 | 3100.0 | 3102.9 | 3094.3 | 3068.5 | 3059.9 | 3068.5 | 3077.1 | 3077.1 |
| 5° | 3143.0 | 3137.3 | 3143.0 | 3143.0 | 3140.1 | 3134.4 | 3105.8 | 3100.0 | 3105.8 | 3108.6 | 3102.9 |
| 7.5° | 3154.5 | 3145.9 | 3154.5 | 3148.7 | 3148.7 | 3143.0 | 3114.4 | 3108.6 | 3111.5 | 3120.1 | 3111.5 |
| 10° | 3154.5 | 3145.9 | 3154.5 | 3151.6 | 3148.7 | 3143.0 | 3114.4 | 3102.9 | 3102.9 | 3111.5 | 3102.9 |
| 12.5° | 3140.1 | 3134.4 | 3140.1 | 3134.4 | 3134.4 | 3128.7 | 3100.0 | 3088.6 | 3091.4 | 3094.3 | 3082.8 |
| 15° | 3117.2 | 3108.6 | 3117.2 | 3111.5 | 3114.4 | 3105.8 | 3074.2 | 3062.8 | 3062.8 | 3068.5 | 3048.5 |
| 17.5° | 3082.8 | 3071.4 | 3082.8 | 3080.0 | 3077.1 | 3071.4 | 3042.7 | 3031.3 | 3028.4 | 3031.3 | 3016.9 |
| 20° | 3042.7 | 3034.1 | 3042.7 | 3039.9 | 3039.9 | 3028.4 | 2999.8 | 2985.4 | 2985.4 | 2985.4 | 2971.1 |
| 22.5° | 2979.7 | 2971.1 | 2979.7 | 2985.4 | 2985.4 | 2982.6 | 2956.8 | 2936.7 | 2931.0 | 2931.0 | 2913.8 |
| 25° | 2908.1 | 2899.5 | 2908.1 | 2908.1 | 2905.2 | 2908.1 | 2899.5 | 2888.0 | 2879.4 | 2870.8 | 2853.6 |
| 27.5° | 2839.3 | 2833.6 | 2839.3 | 2833.6 | 2839.3 | 2830.7 | 2827.9 | 2825.0 | 2813.5 | 2804.9 | 2782.0 |
| 30° | 2770.6 | 2764.8 | 2770.6 | 2764.8 | 2759.1 | 2753.4 | 2739.0 | 2733.3 | 2744.8 | 2739.0 | 2701.8 |
| 32.5° | 2684.6 | 2678.9 | 2684.6 | 2684.6 | 2678.9 | 2678.9 | 2656.0 | 2647.4 | 2650.2 | 2667.4 | 2633.0 |
| 35° | 2595.8 | 2587.2 | 2595.8 | 2592.9 | 2595.8 | 2587.2 | 2572.9 | 2570.0 | 2558.5 | 2578.6 | 2552.8 |
| 37.5° | 2492.5 | 2484.0 | 2492.5 | 2492.5 | 2492.5 | 2498.3 | 2486.8 | 2478.2 | 2461.0 | 2486.8 | 2466.8 |
| 40° | 2386.5 | 2375.1 | 2386.5 | 2383.7 | 2386.5 | 2392.3 | 2386.5 | 2380.8 | 2363.6 | 2383.7 | 2366.5 |
| 42.5° | 2266.2 | 2263.4 | 2266.2 | 2269.1 | 2269.1 | 2280.5 | 2289.1 | 2277.7 | 2271.9 | 2257.6 | 2269.1 |
| 45° | 2137.3 | 2131.6 | 2137.3 | 2143.0 | 2145.9 | 2151.6 | 2177.4 | 2177.4 | 2168.8 | 2145.9 | 2163.1 |
| 47.5° | 1999.8 | 1985.4 | 1999.8 | 2017.0 | 2017.0 | 2025.6 | 2051.3 | 2071.4 | 2057.1 | 2028.4 | 2037.0 |
| 50° | 1853.7 | 1856.5 | 1853.7 | 1865.1 | 1865.1 | 1896.6 | 1916.7 | 1936.7 | 1951.1 | 1916.7 | 1876.6 |
| 52.5° | 1710.4 | 1707.5 | 1710.4 | 1719.0 | 1730.5 | 1744.8 | 1779.2 | 1799.2 | 1822.1 | 1802.1 | 1739.1 |
| 55° | 1567.2 | 1572.9 | 1567.2 | 1570.0 | 1575.8 | 1584.3 | 1635.9 | 1656.0 | 1698.9 | 1673.2 | 1607.3 |
| 57.5° | 1423.9 | 1415.3 | 1423.9 | 1429.6 | 1432.5 | 1441.1 | 1484.1 | 1521.3 | 1547.1 | 1550.0 | 1469.7 |
| 60° | 1257.7 | 1246.3 | 1257.7 | 1283.5 | 1289.2 | 1295.0 | 1335.1 | 1369.5 | 1392.4 | 1401.0 | 1317.9 |
| 62.5° | 1111.6 | 1091.6 | 1111.6 | 1128.8 | 1140.3 | 1154.6 | 1183.2 | 1234.8 | 1254.9 | 1257.7 | 1140.3 |
| 65° | 956.9 | 948.3 | 956.9 | 991.3 | 994.2 | 1011.3 | 1042.9 | 1080.1 | 1123.1 | 1117.4 | 948.3 |
| 67.5° | 816.5 | 816.5 | 816.5 | 839.4 | 856.6 | 865.2 | 905.3 | 922.5 | 977.0 | 982.7 | 790.7 |
| 70° | 687.6 | 684.7 | 687.6 | 704.8 | 716.2 | 736.3 | 773.6 | 793.6 | 836.6 | 850.9 | 641.8 |
| 72.5° | 564.4 | 561.5 | 564.4 | 578.7 | 590.2 | 607.4 | 638.9 | 661.8 | 699.1 | 716.2 | 498.5 |
| 75° | 455.5 | 449.8 | 455.5 | 467.0 | 464.1 | 487.0 | 512.8 | 535.8 | 570.1 | 581.6 | 369.6 |
| 77.5° | 349.5 | 349.5 | 349.5 | 361.0 | 361.0 | 383.9 | 395.4 | 424.0 | 444.1 | 461.3 | 272.2 |
| 80° | 260.7 | 257.8 | 260.7 | 263.6 | 263.6 | 275.0 | 295.1 | 315.2 | 332.3 | 332.3 | 186.2 |
| 82.5° | 183.4 | 177.6 | 183.4 | 183.4 | 183.4 | 189.1 | 200.5 | 206.3 | 217.7 | 226.3 | 117.5 |
| 85° | 114.6 | 114.6 | 114.6 | 117.5 | 114.6 | 120.3 | 123.2 | 128.9 | 128.9 | 123.2 | 71.6 |
| 87.5° | 74.5 | 71.6 | 74.5 | 71.6 | 71.6 | 68.8 | 68.8 | 68.8 | 65.9 | 63.0 | 40.1 |
| 90° | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 14.5 | 19.4 | 21.8 | 18.7 | 12.6 | 8.0 |
| 92.5° | 43.7 | 35.0 | 43.7 | 52.3 | 54.5 | 77.3 | 107.6 | 122.8 | 107.8 | 77.8 | 55.4 |
| 95° | 152.2 | 126.0 | 152.2 | 178.5 | 185.1 | 243.0 | 320.3 | 359.0 | 303.2 | 191.6 | 107.9 |
| 97.5° | 364.8 | 314.8 | 364.8 | 414.8 | 427.3 | 463.9 | 512.7 | 537.2 | 444.2 | 258.0 | 118.5 |
| 100° | 525.6 | 466.0 | 525.6 | 585.1 | 600.0 | 597.4 | 593.8 | 592.0 | 488.8 | 282.3 | 127.4 |
| 102.5° | 683.7 | 632.7 | 683.7 | 734.7 | 747.5 | 700.8 | 638.6 | 607.5 | 502.8 | 293.4 | 136.3 |
| 105° | 885.4 | 858.0 | 885.4 | 912.8 | 919.7 | 815.0 | 675.5 | 605.8 | 504.3 | 301.6 | 149.5 |
| 107.5° | 1017.6 | 1024.1 | 1017.6 | 1010.9 | 1009.2 | 863.2 | 668.6 | 571.3 | 481.9 | 303.1 | 169.0 |
| 110° | 1067.9 | 1096.4 | 1067.9 | 1039.3 | 1032.2 | 869.0 | 651.4 | 542.6 | 462.0 | 300.8 | 179.9 |



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 1072.4 | 1116.2 | 1072.4 | 1028.5 | 1017.6 | 850.5 | 627.9 | 516.6 | 444.6 | 300.9 | 193.1 |
| 115° | 1043.9 | 1104.7 | 1043.9 | 983.1 | 967.9 | 807.0 | 592.5 | 485.2 | 424.7 | 303.7 | 213.0 |
| 117.5° | 983.6 | 1051.1 | 983.6 | 916.2 | 899.3 | 754.2 | 560.6 | 463.7 | 412.3 | 309.3 | 232.2 |
| 120° | 935.0 | 1000.6 | 935.0 | 869.5 | 853.1 | 720.5 | 543.5 | 455.1 | 408.0 | 313.9 | 243.3 |
| 122.5° | 887.8 | 952.4 | 887.8 | 823.0 | 806.9 | 687.4 | 528.1 | 448.5 | 405.8 | 320.5 | 256.5 |
| 125° | 820.2 | 879.7 | 820.2 | 760.7 | 745.8 | 644.2 | 508.9 | 441.3 | 404.1 | 329.5 | 273.5 |
| 127.5° | 759.5 | 809.7 | 759.5 | 709.3 | 696.7 | 609.6 | 493.4 | 435.3 | 403.0 | 338.4 | 289.8 |
| 130° | 723.8 | 770.2 | 723.8 | 677.4 | 665.7 | 588.2 | 484.8 | 433.0 | 403.6 | 344.9 | 300.7 |
| 132.5° | 691.3 | 732.9 | 691.3 | 649.8 | 639.4 | 569.9 | 477.3 | 431.0 | 404.1 | 350.1 | 309.6 |
| 135° | 646.8 | 682.6 | 646.8 | 611.0 | 602.0 | 543.9 | 466.3 | 427.6 | 403.7 | 355.8 | 319.9 |
| 137.5° | 611.1 | 640.5 | 611.1 | 581.8 | 574.4 | 525.2 | 459.7 | 427.0 | 406.2 | 364.4 | 333.1 |
| 140° | 586.7 | 614.1 | 586.7 | 559.2 | 552.4 | 509.9 | 453.2 | 425.0 | 406.5 | 369.7 | 342.1 |
| 142.5° | 566.4 | 590.0 | 566.4 | 542.8 | 536.9 | 499.6 | 449.8 | 425.0 | 408.0 | 374.1 | 348.7 |
| 145° | 535.9 | 553.8 | 535.9 | 518.1 | 513.6 | 483.1 | 442.5 | 422.1 | 408.0 | 379.8 | 358.7 |
| 147.5° | 512.6 | 527.4 | 512.6 | 497.8 | 494.1 | 470.1 | 438.2 | 422.1 | 410.8 | 388.2 | 371.3 |
| 150° | 497.9 | 509.9 | 497.9 | 485.9 | 482.9 | 462.7 | 435.7 | 422.1 | 412.3 | 392.6 | 377.9 |
| 152.5° | 485.3 | 494.4 | 485.3 | 476.4 | 474.1 | 456.8 | 433.7 | 422.1 | 413.2 | 395.5 | 382.2 |
| 155° | 470.9 | 476.9 | 470.9 | 465.0 | 463.5 | 449.7 | 431.3 | 422.1 | 415.3 | 401.8 | 391.6 |
| 157.5° | 459.5 | 463.7 | 459.5 | 455.2 | 454.2 | 443.5 | 429.3 | 422.1 | 417.4 | 408.2 | 401.2 |
| 160° | 452.7 | 455.1 | 452.7 | 450.2 | 449.6 | 440.4 | 428.2 | 422.1 | 418.4 | 411.0 | 405.5 |
| 162.5° | 448.2 | 450.5 | 448.2 | 445.9 | 445.3 | 437.6 | 427.3 | 422.1 | 419.4 | 414.1 | 410.1 |
| 165° | 441.8 | 444.2 | 441.8 | 439.3 | 438.7 | 433.2 | 425.8 | 422.1 | 420.9 | 418.5 | 416.7 |
| 167.5° | 437.1 | 438.2 | 437.1 | 436.1 | 435.9 | 432.2 | 427.4 | 425.0 | 423.9 | 421.9 | 420.4 |
| 170° | 435.9 | 435.9 | 435.9 | 435.9 | 435.9 | 432.2 | 427.4 | 425.0 | 424.9 | 424.8 | 424.7 |
| 172.5° | 432.4 | 431.6 | 432.4 | 433.4 | 433.6 | 430.7 | 426.9 | 425.0 | 425.0 | 425.0 | 425.0 |
| 175° | 430.4 | 430.4 | 430.4 | 430.4 | 430.4 | 428.6 | 426.2 | 425.0 | 425.5 | 426.7 | 427.6 |
| 177.5° | 428.6 | 427.6 | 428.6 | 429.6 | 429.8 | 428.4 | 426.5 | 425.5 | 426.0 | 426.9 | 427.6 |
| 180° | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 |



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 3071.4 | 3054.2 | 3054.2 | 3025.5 | 3014.1 | 3005.5 | 2991.2 | 2948.2 | 2936.7 | 2925.3 | 2942.5 |
| 5° | 3097.2 | 3065.6 | 3042.7 | 2991.2 | 2948.2 | 2931.0 | 2876.6 | 2773.4 | 2704.7 | 2653.1 | 2624.4 |
| 7.5° | 3102.9 | 3062.8 | 3019.8 | 2939.6 | 2836.4 | 2790.6 | 2624.4 | 2435.2 | 2383.7 | 2337.8 | 2309.2 |
| 10° | 3097.2 | 3051.3 | 2991.2 | 2870.8 | 2627.3 | 2547.1 | 2380.8 | 2257.6 | 2226.1 | 2217.5 | 2226.1 |
| 12.5° | 3077.1 | 3034.1 | 2951.0 | 2750.5 | 2409.5 | 2355.0 | 2257.6 | 2186.0 | 2180.3 | 2194.6 | 2271.9 |
| 15° | 3042.7 | 3002.6 | 2905.2 | 2590.1 | 2289.1 | 2249.0 | 2180.3 | 2154.5 | 2186.0 | 2286.3 | 2518.3 |
| 17.5° | 3008.3 | 2962.5 | 2842.2 | 2432.4 | 2197.5 | 2168.8 | 2120.1 | 2171.7 | 2349.3 | 2484.0 | 2561.4 |
| 20° | 2962.5 | 2908.1 | 2770.6 | 2317.8 | 2131.6 | 2105.8 | 2082.9 | 2314.9 | 2449.6 | 2498.3 | 2541.4 |
| 22.5° | 2908.1 | 2850.8 | 2673.1 | 2237.6 | 2062.8 | 2042.7 | 2057.1 | 2395.1 | 2449.6 | 2484.0 | 2521.2 |
| 25° | 2836.4 | 2787.7 | 2558.5 | 2174.5 | 2008.4 | 1985.4 | 2039.9 | 2386.5 | 2418.1 | 2426.7 | 2501.1 |
| 27.5° | 2770.6 | 2707.5 | 2438.1 | 2117.2 | 1942.5 | 1933.9 | 2054.2 | 2349.3 | 2372.2 | 2380.8 | 2461.0 |
| 30° | 2690.3 | 2595.8 | 2303.5 | 2057.1 | 1873.7 | 1870.8 | 2057.1 | 2303.5 | 2297.7 | 2320.6 | 2400.9 |
| 32.5° | 2607.2 | 2429.5 | 2151.6 | 1982.6 | 1807.8 | 1805.0 | 2037.0 | 2234.7 | 2229.0 | 2260.5 | 2320.6 |
| 35° | 2529.9 | 2300.6 | 1945.3 | 1896.6 | 1724.7 | 1727.6 | 1988.3 | 2154.5 | 2157.3 | 2186.0 | 2223.2 |
| 37.5° | 2449.6 | 2188.9 | 1719.0 | 1802.1 | 1644.5 | 1644.5 | 1922.4 | 2080.0 | 2074.3 | 2082.9 | 2134.4 |
| 40° | 2355.0 | 2014.1 | 1518.4 | 1678.9 | 1570.0 | 1561.4 | 1842.2 | 1999.8 | 1979.7 | 1976.8 | 2048.5 |
| 42.5° | 2254.8 | 1822.1 | 1369.5 | 1515.6 | 1484.1 | 1472.6 | 1744.8 | 1902.4 | 1865.1 | 1873.7 | 1965.4 |
| 45° | 2145.9 | 1770.6 | 1254.9 | 1280.7 | 1395.3 | 1386.7 | 1638.8 | 1790.6 | 1764.8 | 1787.8 | 1882.3 |
| 47.5° | 2037.0 | 1667.4 | 1217.6 | 1062.9 | 1300.7 | 1297.8 | 1521.3 | 1681.8 | 1667.4 | 1690.4 | 1790.6 |
| 50° | 1888.0 | 1552.8 | 1214.8 | 911.1 | 1194.7 | 1206.2 | 1380.9 | 1575.8 | 1575.8 | 1595.8 | 1701.8 |
| 52.5° | 1696.1 | 1412.4 | 1103.0 | 825.1 | 1071.5 | 1105.9 | 1257.7 | 1484.1 | 1489.8 | 1509.9 | 1604.4 |
| 55° | 1521.3 | 1266.3 | 1022.8 | 759.2 | 925.4 | 999.9 | 1137.4 | 1389.5 | 1401.0 | 1421.0 | 1507.0 |
| 57.5° | 1360.9 | 1054.3 | 1005.6 | 681.9 | 790.7 | 862.4 | 1031.4 | 1297.8 | 1303.6 | 1320.8 | 1403.8 |
| 60° | 1189.0 | 762.1 | 922.5 | 598.8 | 673.3 | 727.7 | 934.0 | 1189.0 | 1209.0 | 1220.5 | 1292.1 |
| 62.5° | 994.2 | 552.9 | 836.6 | 541.5 | 616.0 | 627.4 | 853.8 | 1085.8 | 1111.6 | 1120.2 | 1163.2 |
| 65° | 707.7 | 464.1 | 710.5 | 492.8 | 555.8 | 558.7 | 767.8 | 979.8 | 1002.8 | 1017.1 | 1048.6 |
| 67.5° | 478.5 | 378.2 | 541.5 | 446.9 | 510.0 | 512.8 | 684.7 | 856.6 | 888.2 | 899.6 | 919.7 |
| 70° | 332.3 | 252.1 | 401.1 | 398.2 | 458.4 | 464.1 | 595.9 | 744.9 | 773.6 | 782.1 | 793.6 |
| 72.5° | 243.5 | 203.4 | 332.3 | 358.1 | 404.0 | 409.7 | 504.2 | 618.8 | 647.5 | 656.1 | 661.8 |
| 75° | 186.2 | 214.9 | 269.3 | 312.3 | 343.8 | 346.7 | 412.6 | 504.2 | 524.3 | 530.0 | 532.9 |
| 77.5° | 149.0 | 200.5 | 197.7 | 252.1 | 280.8 | 275.0 | 323.7 | 389.6 | 406.8 | 406.8 | 406.8 |
| 80° | 111.7 | 157.6 | 149.0 | 180.5 | 206.3 | 200.5 | 232.1 | 277.9 | 283.6 | 289.4 | 286.5 |
| 82.5° | 83.1 | 100.3 | 100.3 | 114.6 | 137.5 | 131.8 | 154.7 | 180.5 | 180.5 | 180.5 | 186.2 |
| 85° | 51.6 | 57.3 | 45.8 | 60.2 | 77.4 | 74.5 | 86.0 | 97.4 | 100.3 | 100.3 | 94.5 |
| 87.5° | 31.5 | 25.8 | 14.3 | 22.9 | 34.4 | 34.4 | 40.1 | 43.0 | 40.1 | 40.1 | 40.1 |
| 90° | 7.4 | 5.2 | 2.9 | 5.2 | 7.4 | 8.0 | 12.6 | 18.7 | 21.8 | 19.4 | 14.5 |
| 92.5° | 50.5 | 30.9 | 11.5 | 30.9 | 50.5 | 55.4 | 77.8 | 107.8 | 122.8 | 107.6 | 77.3 |
| 95° | 98.9 | 63.2 | 27.5 | 63.2 | 98.9 | 107.9 | 191.6 | 303.2 | 359.0 | 320.3 | 243.0 |
| 97.5° | 110.7 | 79.2 | 47.7 | 79.2 | 110.7 | 118.5 | 258.0 | 444.2 | 537.2 | 512.7 | 463.9 |
| 100° | 120.2 | 91.7 | 63.1 | 91.7 | 120.2 | 127.4 | 282.3 | 488.8 | 592.0 | 593.8 | 597.4 |
| 102.5° | 129.6 | 102.9 | 76.3 | 102.9 | 129.6 | 136.3 | 293.4 | 502.8 | 607.5 | 638.6 | 700.8 |
| 105° | 143.8 | 121.3 | 98.7 | 121.3 | 143.8 | 149.5 | 301.6 | 504.3 | 605.8 | 675.5 | 815.0 |
| 107.5° | 163.8 | 142.7 | 121.7 | 142.7 | 163.8 | 169.0 | 303.1 | 481.9 | 571.3 | 668.6 | 863.2 |
| 110° | 175.1 | 156.1 | 137.1 | 156.1 | 175.1 | 179.9 | 300.8 | 462.0 | 542.6 | 651.4 | 869.0 |



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 188.6 | 170.5 | 152.4 | 170.5 | 188.6 | 193.1 | 300.9 | 444.6 | 516.6 | 627.9 | 850.5 |
| 115° | 208.8 | 192.1 | 175.3 | 192.1 | 208.8 | 213.0 | 303.7 | 424.7 | 485.2 | 592.5 | 807.0 |
| 117.5° | 228.3 | 213.2 | 198.0 | 213.2 | 228.3 | 232.2 | 309.3 | 412.3 | 463.7 | 560.6 | 754.2 |
| 120° | 239.8 | 225.5 | 211.2 | 225.5 | 239.8 | 243.3 | 313.9 | 408.0 | 455.1 | 543.5 | 720.5 |
| 122.5° | 252.9 | 238.6 | 224.1 | 238.6 | 252.9 | 256.5 | 320.5 | 405.8 | 448.5 | 528.1 | 687.4 |
| 125° | 270.3 | 257.1 | 243.9 | 257.1 | 270.3 | 273.5 | 329.5 | 404.1 | 441.3 | 508.9 | 644.2 |
| 127.5° | 286.5 | 273.2 | 260.0 | 273.2 | 286.5 | 289.8 | 338.4 | 403.0 | 435.3 | 493.4 | 609.6 |
| 130° | 297.2 | 282.9 | 268.5 | 282.9 | 297.2 | 300.7 | 344.9 | 403.6 | 433.0 | 484.8 | 588.2 |
| 132.5° | 306.1 | 291.8 | 277.5 | 291.8 | 306.1 | 309.6 | 350.1 | 404.1 | 431.0 | 477.3 | 569.9 |
| 135° | 316.7 | 303.7 | 290.7 | 303.7 | 316.7 | 319.9 | 355.8 | 403.7 | 427.6 | 466.3 | 543.9 |
| 137.5° | 329.9 | 317.1 | 304.2 | 317.1 | 329.9 | 333.1 | 364.4 | 406.2 | 427.0 | 459.7 | 525.2 |
| 140° | 339.1 | 327.2 | 315.3 | 327.2 | 339.1 | 342.1 | 369.7 | 406.5 | 425.0 | 453.2 | 509.9 |
| 142.5° | 345.9 | 334.9 | 323.9 | 334.9 | 345.9 | 348.7 | 374.1 | 408.0 | 425.0 | 449.8 | 499.6 |
| 145° | 356.3 | 346.8 | 337.2 | 346.8 | 356.3 | 358.7 | 379.8 | 408.0 | 422.1 | 442.5 | 483.1 |
| 147.5° | 369.0 | 359.7 | 350.4 | 359.7 | 369.0 | 371.3 | 388.2 | 410.8 | 422.1 | 438.2 | 470.1 |
| 150° | 375.8 | 367.4 | 359.0 | 367.4 | 375.8 | 377.9 | 392.6 | 412.3 | 422.1 | 435.7 | 462.7 |
| 152.5° | 380.6 | 374.3 | 367.9 | 374.3 | 380.6 | 382.2 | 395.5 | 413.2 | 422.1 | 433.7 | 456.8 |
| 155° | 390.5 | 385.7 | 381.0 | 385.7 | 390.5 | 391.6 | 401.8 | 415.3 | 422.1 | 431.3 | 449.7 |
| 157.5° | 400.0 | 395.4 | 390.8 | 395.4 | 400.0 | 401.2 | 408.2 | 417.4 | 422.1 | 429.3 | 443.5 |
| 160° | 404.6 | 401.0 | 397.5 | 401.0 | 404.6 | 405.5 | 411.0 | 418.4 | 422.1 | 428.2 | 440.4 |
| 162.5° | 409.4 | 406.7 | 404.1 | 406.7 | 409.4 | 410.1 | 414.1 | 419.4 | 422.1 | 427.3 | 437.6 |
| 165° | 416.1 | 413.6 | 411.2 | 413.6 | 416.1 | 416.7 | 418.5 | 420.9 | 422.1 | 425.8 | 433.2 |
| 167.5° | 420.1 | 419.0 | 417.8 | 419.0 | 420.1 | 420.4 | 421.9 | 423.9 | 425.0 | 427.4 | 432.2 |
| 170° | 424.4 | 423.3 | 422.1 | 423.3 | 424.4 | 424.7 | 424.8 | 424.9 | 425.0 | 427.4 | 432.2 |
| 172.5° | 424.9 | 424.7 | 424.4 | 424.7 | 424.9 | 425.0 | 425.0 | 425.0 | 425.0 | 426.9 | 430.7 |
| 175° | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 426.7 | 425.5 | 425.0 | 426.2 | 428.6 |
| 177.5° | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 426.9 | 426.0 | 425.5 | 426.5 | 428.4 |
| 180° | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 |



TEST NUMBER: P934001
 CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 2922.4 | 2913.8 | 2925.3 | 2893.7 | 2925.3 | 2913.8 | 2922.4 | 2942.5 | 2925.3 | 2936.7 | 2948.2 |
| 5° | 2564.3 | 2549.9 | 2504.0 | 2466.8 | 2504.0 | 2549.9 | 2564.3 | 2624.4 | 2653.1 | 2704.7 | 2773.4 |
| 7.5° | 2292.0 | 2280.5 | 2269.1 | 2246.2 | 2269.1 | 2280.5 | 2292.0 | 2309.2 | 2337.8 | 2383.7 | 2435.2 |
| 10° | 2231.8 | 2234.7 | 2251.9 | 2249.0 | 2251.9 | 2234.7 | 2231.8 | 2226.1 | 2217.5 | 2226.1 | 2257.6 |
| 12.5° | 2386.5 | 2412.3 | 2506.9 | 2501.1 | 2506.9 | 2412.3 | 2386.5 | 2271.9 | 2194.6 | 2180.3 | 2186.0 |
| 15° | 2564.3 | 2572.9 | 2592.9 | 2595.8 | 2592.9 | 2572.9 | 2564.3 | 2518.3 | 2286.3 | 2186.0 | 2154.5 |
| 17.5° | 2581.5 | 2584.3 | 2598.7 | 2598.7 | 2598.7 | 2584.3 | 2581.5 | 2561.4 | 2484.0 | 2349.3 | 2171.7 |
| 20° | 2567.1 | 2572.9 | 2601.5 | 2607.2 | 2601.5 | 2572.9 | 2567.1 | 2541.4 | 2498.3 | 2449.6 | 2314.9 |
| 22.5° | 2561.4 | 2572.9 | 2595.8 | 2592.9 | 2595.8 | 2572.9 | 2561.4 | 2521.2 | 2484.0 | 2449.6 | 2395.1 |
| 25° | 2532.8 | 2532.8 | 2535.6 | 2538.5 | 2535.6 | 2532.8 | 2532.8 | 2501.1 | 2426.7 | 2418.1 | 2386.5 |
| 27.5° | 2472.5 | 2478.2 | 2495.4 | 2492.5 | 2495.4 | 2478.2 | 2472.5 | 2461.0 | 2380.8 | 2372.2 | 2349.3 |
| 30° | 2418.1 | 2412.3 | 2398.0 | 2386.5 | 2398.0 | 2412.3 | 2418.1 | 2400.9 | 2320.6 | 2297.7 | 2303.5 |
| 32.5° | 2326.4 | 2312.1 | 2297.7 | 2289.1 | 2297.7 | 2312.1 | 2326.4 | 2320.6 | 2260.5 | 2229.0 | 2234.7 |
| 35° | 2217.5 | 2220.4 | 2217.5 | 2208.9 | 2217.5 | 2220.4 | 2217.5 | 2223.2 | 2186.0 | 2157.3 | 2154.5 |
| 37.5° | 2140.2 | 2145.9 | 2143.0 | 2131.6 | 2143.0 | 2145.9 | 2140.2 | 2134.4 | 2082.9 | 2074.3 | 2080.0 |
| 40° | 2059.9 | 2062.8 | 2059.9 | 2051.3 | 2059.9 | 2062.8 | 2059.9 | 2048.5 | 1976.8 | 1979.7 | 1999.8 |
| 42.5° | 1982.6 | 1979.7 | 1971.1 | 1965.4 | 1971.1 | 1979.7 | 1982.6 | 1965.4 | 1873.7 | 1865.1 | 1902.4 |
| 45° | 1893.8 | 1896.6 | 1879.4 | 1870.8 | 1879.4 | 1896.6 | 1893.8 | 1882.3 | 1787.8 | 1764.8 | 1790.6 |
| 47.5° | 1805.0 | 1805.0 | 1790.6 | 1782.0 | 1790.6 | 1805.0 | 1805.0 | 1790.6 | 1690.4 | 1667.4 | 1681.8 |
| 50° | 1710.4 | 1707.5 | 1687.5 | 1684.6 | 1687.5 | 1707.5 | 1710.4 | 1701.8 | 1595.8 | 1575.8 | 1575.8 |
| 52.5° | 1601.5 | 1601.5 | 1604.4 | 1610.1 | 1604.4 | 1601.5 | 1601.5 | 1604.4 | 1509.9 | 1489.8 | 1484.1 |
| 55° | 1507.0 | 1509.9 | 1529.9 | 1535.6 | 1529.9 | 1509.9 | 1507.0 | 1507.0 | 1421.0 | 1401.0 | 1389.5 |
| 57.5° | 1409.6 | 1409.6 | 1423.9 | 1423.9 | 1423.9 | 1409.6 | 1409.6 | 1403.8 | 1320.8 | 1303.6 | 1297.8 |
| 60° | 1297.8 | 1303.6 | 1315.0 | 1312.2 | 1315.0 | 1303.6 | 1297.8 | 1292.1 | 1220.5 | 1209.0 | 1189.0 |
| 62.5° | 1180.4 | 1186.1 | 1189.0 | 1183.2 | 1189.0 | 1186.1 | 1180.4 | 1163.2 | 1120.2 | 1111.6 | 1085.8 |
| 65° | 1057.2 | 1062.9 | 1065.8 | 1060.0 | 1065.8 | 1062.9 | 1057.2 | 1048.6 | 1017.1 | 1002.8 | 979.8 |
| 67.5° | 931.1 | 928.3 | 925.4 | 936.9 | 925.4 | 928.3 | 931.1 | 919.7 | 899.6 | 888.2 | 856.6 |
| 70° | 802.2 | 802.2 | 799.3 | 805.1 | 799.3 | 802.2 | 802.2 | 793.6 | 782.1 | 773.6 | 744.9 |
| 72.5° | 664.7 | 661.8 | 673.3 | 664.7 | 673.3 | 661.8 | 664.7 | 661.8 | 656.1 | 647.5 | 618.8 |
| 75° | 530.0 | 535.8 | 530.0 | 538.6 | 530.0 | 535.8 | 530.0 | 532.9 | 530.0 | 524.3 | 504.2 |
| 77.5° | 404.0 | 409.7 | 404.0 | 404.0 | 404.0 | 409.7 | 404.0 | 406.8 | 406.8 | 406.8 | 389.6 |
| 80° | 286.5 | 283.6 | 283.6 | 280.8 | 283.6 | 283.6 | 286.5 | 286.5 | 289.4 | 283.6 | 277.9 |
| 82.5° | 183.4 | 180.5 | 180.5 | 186.2 | 180.5 | 180.5 | 183.4 | 186.2 | 180.5 | 180.5 | 180.5 |
| 85° | 100.3 | 103.1 | 97.4 | 97.4 | 97.4 | 103.1 | 100.3 | 94.5 | 100.3 | 100.3 | 97.4 |
| 87.5° | 37.2 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 37.2 | 40.1 | 40.1 | 40.1 | 43.0 |
| 90° | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 14.5 | 19.4 | 21.8 | 18.7 |
| 92.5° | 54.5 | 52.3 | 43.7 | 35.0 | 43.7 | 52.3 | 54.5 | 77.3 | 107.6 | 122.8 | 107.8 |
| 95° | 185.1 | 178.5 | 152.2 | 126.0 | 152.2 | 178.5 | 185.1 | 243.0 | 320.3 | 359.0 | 303.2 |
| 97.5° | 427.3 | 414.8 | 364.8 | 314.8 | 364.8 | 414.8 | 427.3 | 463.9 | 512.7 | 537.2 | 444.2 |
| 100° | 600.0 | 585.1 | 525.6 | 466.0 | 525.6 | 585.1 | 600.0 | 597.4 | 593.8 | 592.0 | 488.8 |
| 102.5° | 747.5 | 734.7 | 683.7 | 632.7 | 683.7 | 734.7 | 747.5 | 700.8 | 638.6 | 607.5 | 502.8 |
| 105° | 919.7 | 912.8 | 885.4 | 858.0 | 885.4 | 912.8 | 919.7 | 815.0 | 675.5 | 605.8 | 504.3 |
| 107.5° | 1009.2 | 1010.9 | 1017.6 | 1024.1 | 1017.6 | 1010.9 | 1009.2 | 863.2 | 668.6 | 571.3 | 481.9 |
| 110° | 1032.2 | 1039.3 | 1067.9 | 1096.4 | 1067.9 | 1039.3 | 1032.2 | 869.0 | 651.4 | 542.6 | 462.0 |



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1017.6 | 1028.5 | 1072.4 | 1116.2 | 1072.4 | 1028.5 | 1017.6 | 850.5 | 627.9 | 516.6 | 444.6 |
| 115° | 967.9 | 983.1 | 1043.9 | 1104.7 | 1043.9 | 983.1 | 967.9 | 807.0 | 592.5 | 485.2 | 424.7 |
| 117.5° | 899.3 | 916.2 | 983.6 | 1051.1 | 983.6 | 916.2 | 899.3 | 754.2 | 560.6 | 463.7 | 412.3 |
| 120° | 853.1 | 869.5 | 935.0 | 1000.6 | 935.0 | 869.5 | 853.1 | 720.5 | 543.5 | 455.1 | 408.0 |
| 122.5° | 806.9 | 823.0 | 887.8 | 952.4 | 887.8 | 823.0 | 806.9 | 687.4 | 528.1 | 448.5 | 405.8 |
| 125° | 745.8 | 760.7 | 820.2 | 879.7 | 820.2 | 760.7 | 745.8 | 644.2 | 508.9 | 441.3 | 404.1 |
| 127.5° | 696.7 | 709.3 | 759.5 | 809.7 | 759.5 | 709.3 | 696.7 | 609.6 | 493.4 | 435.3 | 403.0 |
| 130° | 665.7 | 677.4 | 723.8 | 770.2 | 723.8 | 677.4 | 665.7 | 588.2 | 484.8 | 433.0 | 403.6 |
| 132.5° | 639.4 | 649.8 | 691.3 | 732.9 | 691.3 | 649.8 | 639.4 | 569.9 | 477.3 | 431.0 | 404.1 |
| 135° | 602.0 | 611.0 | 646.8 | 682.6 | 646.8 | 611.0 | 602.0 | 543.9 | 466.3 | 427.6 | 403.7 |
| 137.5° | 574.4 | 581.8 | 611.1 | 640.5 | 611.1 | 581.8 | 574.4 | 525.2 | 459.7 | 427.0 | 406.2 |
| 140° | 552.4 | 559.2 | 586.7 | 614.1 | 586.7 | 559.2 | 552.4 | 509.9 | 453.2 | 425.0 | 406.5 |
| 142.5° | 536.9 | 542.8 | 566.4 | 590.0 | 566.4 | 542.8 | 536.9 | 499.6 | 449.8 | 425.0 | 408.0 |
| 145° | 513.6 | 518.1 | 535.9 | 553.8 | 535.9 | 518.1 | 513.6 | 483.1 | 442.5 | 422.1 | 408.0 |
| 147.5° | 494.1 | 497.8 | 512.6 | 527.4 | 512.6 | 497.8 | 494.1 | 470.1 | 438.2 | 422.1 | 410.8 |
| 150° | 482.9 | 485.9 | 497.9 | 509.9 | 497.9 | 485.9 | 482.9 | 462.7 | 435.7 | 422.1 | 412.3 |
| 152.5° | 474.1 | 476.4 | 485.3 | 494.4 | 485.3 | 476.4 | 474.1 | 456.8 | 433.7 | 422.1 | 413.2 |
| 155° | 463.5 | 465.0 | 470.9 | 476.9 | 470.9 | 465.0 | 463.5 | 449.7 | 431.3 | 422.1 | 415.3 |
| 157.5° | 454.2 | 455.2 | 459.5 | 463.7 | 459.5 | 455.2 | 454.2 | 443.5 | 429.3 | 422.1 | 417.4 |
| 160° | 449.6 | 450.2 | 452.7 | 455.1 | 452.7 | 450.2 | 449.6 | 440.4 | 428.2 | 422.1 | 418.4 |
| 162.5° | 445.3 | 445.9 | 448.2 | 450.5 | 448.2 | 445.9 | 445.3 | 437.6 | 427.3 | 422.1 | 419.4 |
| 165° | 438.7 | 439.3 | 441.8 | 444.2 | 441.8 | 439.3 | 438.7 | 433.2 | 425.8 | 422.1 | 420.9 |
| 167.5° | 435.9 | 436.1 | 437.1 | 438.2 | 437.1 | 436.1 | 435.9 | 432.2 | 427.4 | 425.0 | 423.9 |
| 170° | 435.9 | 435.9 | 435.9 | 435.9 | 435.9 | 435.9 | 435.9 | 432.2 | 427.4 | 425.0 | 424.9 |
| 172.5° | 433.6 | 433.4 | 432.4 | 431.6 | 432.4 | 433.4 | 433.6 | 430.7 | 426.9 | 425.0 | 425.0 |
| 175° | 430.4 | 430.4 | 430.4 | 430.4 | 430.4 | 430.4 | 430.4 | 428.6 | 426.2 | 425.0 | 425.5 |
| 177.5° | 429.8 | 429.6 | 428.6 | 427.6 | 428.6 | 429.6 | 429.8 | 428.4 | 426.5 | 425.5 | 426.0 |
| 180° | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 |



TEST NUMBER: P934001
 CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 2991.2 | 3005.5 | 3014.1 | 3025.5 | 3054.2 |
| 5° | 2876.6 | 2931.0 | 2948.2 | 2991.2 | 3042.7 |
| 7.5° | 2624.4 | 2790.6 | 2836.4 | 2939.6 | 3019.8 |
| 10° | 2380.8 | 2547.1 | 2627.3 | 2870.8 | 2991.2 |
| 12.5° | 2257.6 | 2355.0 | 2409.5 | 2750.5 | 2951.0 |
| 15° | 2180.3 | 2249.0 | 2289.1 | 2590.1 | 2905.2 |
| 17.5° | 2120.1 | 2168.8 | 2197.5 | 2432.4 | 2842.2 |
| 20° | 2082.9 | 2105.8 | 2131.6 | 2317.8 | 2770.6 |
| 22.5° | 2057.1 | 2042.7 | 2062.8 | 2237.6 | 2673.1 |
| 25° | 2039.9 | 1985.4 | 2008.4 | 2174.5 | 2558.5 |
| 27.5° | 2054.2 | 1933.9 | 1942.5 | 2117.2 | 2438.1 |
| 30° | 2057.1 | 1870.8 | 1873.7 | 2057.1 | 2303.5 |
| 32.5° | 2037.0 | 1805.0 | 1807.8 | 1982.6 | 2151.6 |
| 35° | 1988.3 | 1727.6 | 1724.7 | 1896.6 | 1945.3 |
| 37.5° | 1922.4 | 1644.5 | 1644.5 | 1802.1 | 1719.0 |
| 40° | 1842.2 | 1561.4 | 1570.0 | 1678.9 | 1518.4 |
| 42.5° | 1744.8 | 1472.6 | 1484.1 | 1515.6 | 1369.5 |
| 45° | 1638.8 | 1386.7 | 1395.3 | 1280.7 | 1254.9 |
| 47.5° | 1521.3 | 1297.8 | 1300.7 | 1062.9 | 1217.6 |
| 50° | 1380.9 | 1206.2 | 1194.7 | 911.1 | 1214.8 |
| 52.5° | 1257.7 | 1105.9 | 1071.5 | 825.1 | 1103.0 |
| 55° | 1137.4 | 999.9 | 925.4 | 759.2 | 1022.8 |
| 57.5° | 1031.4 | 862.4 | 790.7 | 681.9 | 1005.6 |
| 60° | 934.0 | 727.7 | 673.3 | 598.8 | 922.5 |
| 62.5° | 853.8 | 627.4 | 616.0 | 541.5 | 836.6 |
| 65° | 767.8 | 558.7 | 555.8 | 492.8 | 710.5 |
| 67.5° | 684.7 | 512.8 | 510.0 | 446.9 | 541.5 |
| 70° | 595.9 | 464.1 | 458.4 | 398.2 | 401.1 |
| 72.5° | 504.2 | 409.7 | 404.0 | 358.1 | 332.3 |
| 75° | 412.6 | 346.7 | 343.8 | 312.3 | 269.3 |
| 77.5° | 323.7 | 275.0 | 280.8 | 252.1 | 197.7 |
| 80° | 232.1 | 200.5 | 206.3 | 180.5 | 149.0 |
| 82.5° | 154.7 | 131.8 | 137.5 | 114.6 | 100.3 |
| 85° | 86.0 | 74.5 | 77.4 | 60.2 | 45.8 |
| 87.5° | 40.1 | 34.4 | 34.4 | 22.9 | 14.3 |
| 90° | 12.6 | 8.0 | 7.4 | 5.2 | 2.9 |
| 92.5° | 77.8 | 55.4 | 50.5 | 30.9 | 11.5 |
| 95° | 191.6 | 107.9 | 98.9 | 63.2 | 27.5 |
| 97.5° | 258.0 | 118.5 | 110.7 | 79.2 | 47.7 |
| 100° | 282.3 | 127.4 | 120.2 | 91.7 | 63.1 |
| 102.5° | 293.4 | 136.3 | 129.6 | 102.9 | 76.3 |
| 105° | 301.6 | 149.5 | 143.8 | 121.3 | 98.7 |
| 107.5° | 303.1 | 169.0 | 163.8 | 142.7 | 121.7 |
| 110° | 300.8 | 179.9 | 175.1 | 156.1 | 137.1 |



TEST NUMBER: P934001

CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 300.9 | 193.1 | 188.6 | 170.5 | 152.4 |
| 115° | 303.7 | 213.0 | 208.8 | 192.1 | 175.3 |
| 117.5° | 309.3 | 232.2 | 228.3 | 213.2 | 198.0 |
| 120° | 313.9 | 243.3 | 239.8 | 225.5 | 211.2 |
| 122.5° | 320.5 | 256.5 | 252.9 | 238.6 | 224.1 |
| 125° | 329.5 | 273.5 | 270.3 | 257.1 | 243.9 |
| 127.5° | 338.4 | 289.8 | 286.5 | 273.2 | 260.0 |
| 130° | 344.9 | 300.7 | 297.2 | 282.9 | 268.5 |
| 132.5° | 350.1 | 309.6 | 306.1 | 291.8 | 277.5 |
| 135° | 355.8 | 319.9 | 316.7 | 303.7 | 290.7 |
| 137.5° | 364.4 | 333.1 | 329.9 | 317.1 | 304.2 |
| 140° | 369.7 | 342.1 | 339.1 | 327.2 | 315.3 |
| 142.5° | 374.1 | 348.7 | 345.9 | 334.9 | 323.9 |
| 145° | 379.8 | 358.7 | 356.3 | 346.8 | 337.2 |
| 147.5° | 388.2 | 371.3 | 369.0 | 359.7 | 350.4 |
| 150° | 392.6 | 377.9 | 375.8 | 367.4 | 359.0 |
| 152.5° | 395.5 | 382.2 | 380.6 | 374.3 | 367.9 |
| 155° | 401.8 | 391.6 | 390.5 | 385.7 | 381.0 |
| 157.5° | 408.2 | 401.2 | 400.0 | 395.4 | 390.8 |
| 160° | 411.0 | 405.5 | 404.6 | 401.0 | 397.5 |
| 162.5° | 414.1 | 410.1 | 409.4 | 406.7 | 404.1 |
| 165° | 418.5 | 416.7 | 416.1 | 413.6 | 411.2 |
| 167.5° | 421.9 | 420.4 | 420.1 | 419.0 | 417.8 |
| 170° | 424.8 | 424.7 | 424.4 | 423.3 | 422.1 |
| 172.5° | 425.0 | 425.0 | 424.9 | 424.7 | 424.4 |
| 175° | 426.7 | 427.6 | 427.6 | 427.6 | 427.6 |
| 177.5° | 426.9 | 427.6 | 427.6 | 427.6 | 427.6 |
| 180° | 427.6 | 427.6 | 427.6 | 427.6 | 427.6 |



TEST NUMBER: P934001
 CATALOG NUMBER: SQ4-FA-025U-075D-B40-1D-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 | 14.55 | 15.68 | 15.27 | 16.42 | 17.30 | 17.40 | 18.53 | 18.12 | 19.27 | 20.15 |
| | 3H | 15.05 | 16.06 | 15.78 | 16.81 | 17.72 | 18.77 | 19.79 | 19.51 | 20.54 | 21.45 |
| | 4H | 15.25 | 16.20 | 16.00 | 16.97 | 17.89 | 19.23 | 20.19 | 19.99 | 20.95 | 21.88 |
| | 6H | 15.38 | 16.26 | 16.15 | 17.03 | 17.97 | 19.54 | 20.42 | 20.30 | 21.19 | 22.13 |
| | 8H | 15.39 | 16.23 | 16.17 | 17.02 | 17.96 | 19.62 | 20.46 | 20.40 | 21.25 | 22.19 |
| | 12H | 15.37 | 16.17 | 16.15 | 16.95 | 17.92 | 19.67 | 20.47 | 20.46 | 21.26 | 22.23 |
| 4H | 2H | 15.62 | 16.57 | 16.38 | 17.33 | 18.26 | 17.84 | 18.80 | 18.60 | 19.56 | 20.48 |
| | 3H | 16.67 | 17.47 | 17.44 | 18.26 | 19.21 | 19.38 | 20.17 | 20.15 | 20.97 | 21.91 |
| | 4H | 16.96 | 17.68 | 17.74 | 18.48 | 19.45 | 19.92 | 20.64 | 20.71 | 21.44 | 22.41 |
| | 6H | 17.10 | 17.72 | 17.90 | 18.54 | 19.52 | 20.31 | 20.93 | 21.11 | 21.75 | 22.73 |
| | 8H | 17.11 | 17.69 | 17.92 | 18.51 | 19.50 | 20.42 | 21.01 | 21.23 | 21.82 | 22.82 |
| | 12H | 17.09 | 17.62 | 17.92 | 18.45 | 19.45 | 20.50 | 21.02 | 21.32 | 21.86 | 22.86 |
| 8H | 4H | 17.44 | 18.02 | 18.24 | 18.84 | 19.83 | 20.07 | 20.65 | 20.87 | 21.47 | 22.46 |
| | 6H | 17.71 | 18.19 | 18.54 | 19.05 | 20.04 | 20.52 | 21.00 | 21.35 | 21.86 | 22.86 |
| | 8H | 17.75 | 18.18 | 18.60 | 19.04 | 20.05 | 20.68 | 21.11 | 21.52 | 21.96 | 22.97 |
| | 12H | 17.75 | 18.13 | 18.60 | 18.98 | 20.04 | 20.79 | 21.17 | 21.64 | 22.02 | 23.08 |
| 12H | 4H | 17.46 | 17.98 | 18.28 | 18.82 | 19.82 | 20.04 | 20.57 | 20.87 | 21.41 | 22.41 |
| | 6H | 17.77 | 18.20 | 18.62 | 19.06 | 20.07 | 20.52 | 20.95 | 21.36 | 21.81 | 22.81 |
| | 8H | 17.85 | 18.23 | 18.70 | 19.08 | 20.14 | 20.70 | 21.08 | 21.54 | 21.92 | 22.99 |