

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: P934120

Luminaire Tested: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934120
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

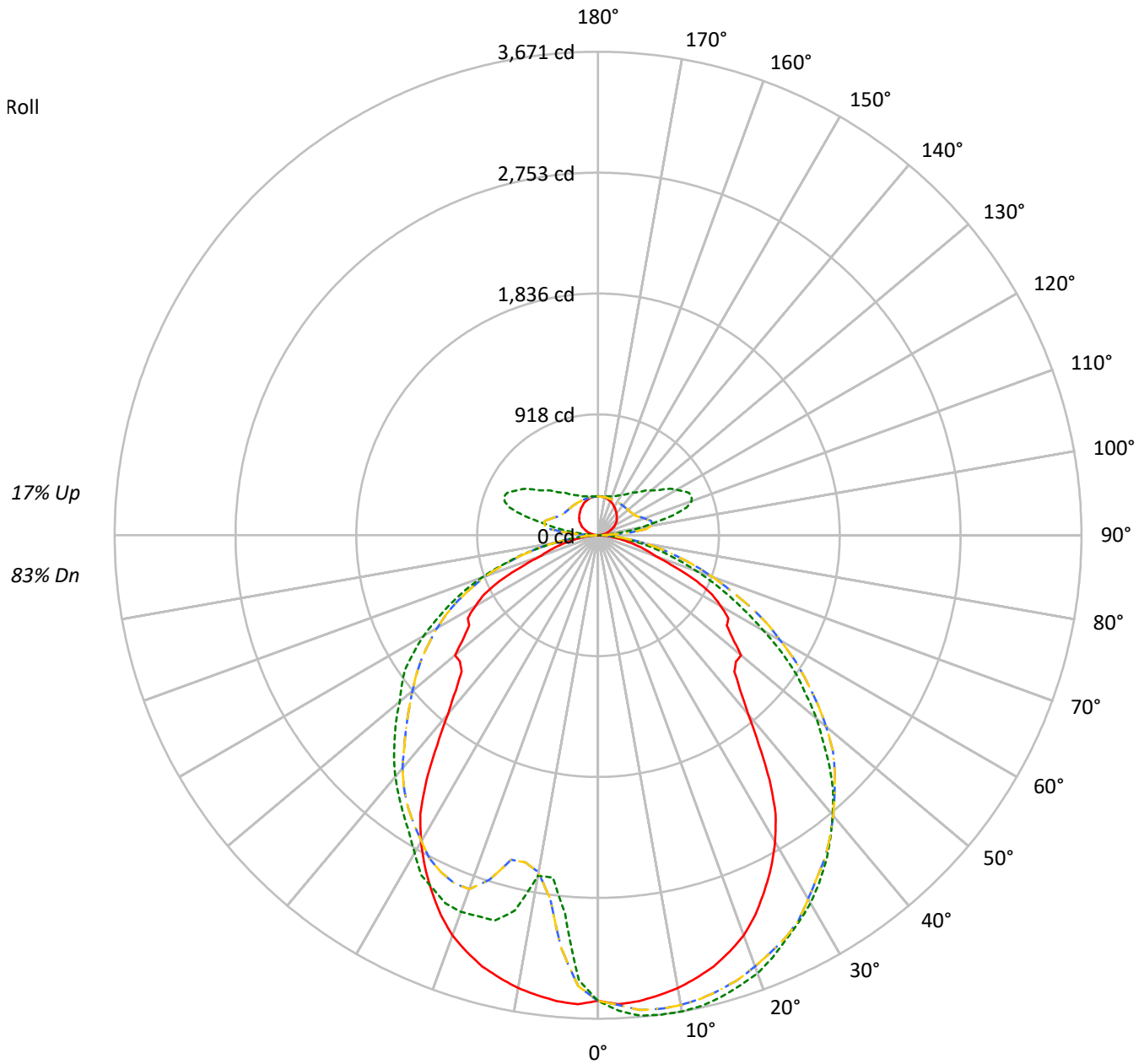
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11076.5 lumens
Efficiency: N/A
Efficacy: 111.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 99.2
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: P934120
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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 | | | | |
| 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 | 115 | 115 | 115 | 115 | 110 | 110 | 110 | 110 | 102 | 102 | 102 | 94 | 94 | 94 | 86 | 86 | 86 | 86 | 86 | 86 | 83 |
| 1 | 105 | 101 | 97 | 93 | 101 | 97 | 93 | 90 | 89 | 87 | 84 | 83 | 80 | 78 | 76 | 75 | 73 | 73 | 73 | 73 | 70 |
| 2 | 96 | 88 | 82 | 76 | 92 | 85 | 79 | 74 | 78 | 74 | 70 | 73 | 69 | 66 | 67 | 64 | 62 | 62 | 62 | 62 | 59 |
| 3 | 88 | 78 | 70 | 64 | 84 | 75 | 68 | 62 | 69 | 63 | 59 | 64 | 60 | 56 | 60 | 56 | 52 | 52 | 52 | 52 | 50 |
| 4 | 80 | 69 | 60 | 54 | 77 | 66 | 59 | 53 | 62 | 55 | 50 | 57 | 52 | 48 | 53 | 49 | 45 | 45 | 45 | 45 | 43 |
| 5 | 74 | 61 | 53 | 46 | 70 | 59 | 51 | 45 | 55 | 49 | 43 | 52 | 46 | 41 | 48 | 43 | 39 | 39 | 39 | 39 | 37 |
| 6 | 68 | 55 | 47 | 40 | 65 | 53 | 45 | 40 | 50 | 43 | 38 | 47 | 41 | 36 | 44 | 39 | 35 | 35 | 35 | 35 | 32 |
| 7 | 63 | 50 | 42 | 36 | 60 | 48 | 41 | 35 | 45 | 39 | 34 | 42 | 37 | 32 | 40 | 35 | 31 | 31 | 31 | 31 | 29 |
| 8 | 59 | 46 | 37 | 32 | 56 | 44 | 36 | 31 | 41 | 35 | 30 | 39 | 33 | 29 | 37 | 31 | 28 | 28 | 28 | 28 | 26 |
| 9 | 55 | 42 | 34 | 28 | 52 | 40 | 33 | 28 | 38 | 32 | 27 | 36 | 30 | 26 | 34 | 29 | 25 | 25 | 25 | 25 | 23 |
| 10 | 51 | 38 | 31 | 26 | 49 | 37 | 30 | 25 | 35 | 29 | 24 | 33 | 28 | 24 | 31 | 26 | 23 | 23 | 23 | 23 | 21 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16398 | 16398 | 16398 | 16398 |
| 5° | 16520 | 16553 | 16520 | 13015 |
| 10° | 16410 | 16305 | 16410 | 11657 |
| 15° | 16231 | 15952 | 16231 | 13320 |
| 20° | 15892 | 15533 | 15892 | 13348 |
| 25° | 15197 | 14923 | 15197 | 13065 |
| 30° | 14299 | 14416 | 14299 | 12444 |
| 35° | 12747 | 13775 | 12747 | 11762 |
| 40° | 10622 | 13021 | 10622 | 11246 |
| 45° | 9491 | 12137 | 9491 | 10653 |
| 50° | 10083 | 11084 | 10083 | 10058 |
| 55° | 9486 | 9949 | 9486 | 9713 |
| 60° | 9778 | 8450 | 9778 | 8897 |
| 65° | 8866 | 6985 | 8866 | 7808 |
| 70° | 6139 | 5566 | 6139 | 6545 |
| 75° | 5383 | 4114 | 5383 | 4927 |
| 80° | 4339 | 2720 | 4339 | 2962 |
| 85° | 2492 | 1441 | 2492 | 1225 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14546 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 319.0 | 2.9 |
| 10°-20° | 905.8 | 8.2 |
| 20°-30° | 1400.2 | 12.6 |
| 30°-40° | 1671.6 | 15.1 |
| 40°-50° | 1681.4 | 15.2 |
| 50°-60° | 1463.0 | 13.2 |
| 60°-70° | 1037.3 | 9.4 |
| 70°-80° | 548.8 | 5.0 |
| 80°-90° | 137.8 | 1.2 |
| 90°-100° | 143.7 | 1.3 |
| 100°-110° | 377.9 | 3.4 |
| 110°-120° | 391.9 | 3.5 |
| 120°-130° | 314.3 | 2.8 |
| 130°-140° | 246.6 | 2.2 |
| 140°-150° | 189.3 | 1.7 |
| 150°-160° | 136.3 | 1.2 |
| 160°-170° | 83.4 | 0.8 |
| 170°-180° | 28.2 | 0.3 |
| 0°-30° | 2625.1 | 23.7 |
| 0°-40° | 4296.6 | 38.8 |
| 0°-60° | 7441.0 | 67.2 |
| 0°-90° | 9164.8 | 82.7 |
| 90°-120° | 913.5 | 8.2 |
| 90°-150° | 1663.7 | 15.0 |
| 90°-180° | 1912.0 | 17.3 |
| 0°-180° | 11076.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3534 | 3534 | 3534 | 3534 | 3534 | |
| 5° | 3551 | 3661 | 3551 | 2879 | 3551 | 337 |
| 15° | 3390 | 3628 | 3390 | 3029 | 3390 | 954 |
| 25° | 2986 | 3384 | 2986 | 2962 | 2986 | 1371 |
| 35° | 2270 | 3019 | 2270 | 2578 | 2270 | 1405 |
| 45° | 1464 | 2488 | 1464 | 2183 | 1464 | 1173 |
| 55° | 1194 | 1836 | 1194 | 1792 | 1194 | 1097 |
| 65° | 829 | 1107 | 829 | 1237 | 829 | 792 |
| 75° | 314 | 525 | 314 | 629 | 314 | 330 |
| 85° | 54 | 134 | 54 | 114 | 54 | 72 |
| 90° | 2 | 8 | 2 | 8 | 2 | 4 |
| 95° | 19 | 87 | 19 | 87 | 19 | 21 |
| 105° | 68 | 592 | 68 | 592 | 68 | 72 |
| 115° | 121 | 762 | 121 | 762 | 121 | 119 |
| 125° | 168 | 607 | 168 | 607 | 168 | 149 |
| 135° | 200 | 471 | 200 | 471 | 200 | 155 |
| 145° | 233 | 382 | 233 | 382 | 233 | 146 |
| 155° | 263 | 329 | 263 | 329 | 263 | 121 |
| 165° | 284 | 306 | 284 | 306 | 284 | 80 |
| 175° | 295 | 297 | 295 | 297 | 295 | 28 |
| 180° | 295 | 295 | 295 | 295 | 295 | |



TEST NUMBER: P934120
 CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 |
| 2.5° | 3564.3 | 3564.3 | 3584.4 | 3591.1 | 3591.1 | 3581.1 | 3571.0 | 3581.1 | 3611.1 | 3621.2 | 3617.9 |
| 5° | 3551.0 | 3577.7 | 3614.5 | 3621.2 | 3627.8 | 3624.6 | 3617.9 | 3624.6 | 3658.0 | 3664.7 | 3668.0 |
| 7.5° | 3524.2 | 3574.4 | 3621.2 | 3631.2 | 3641.3 | 3631.2 | 3627.8 | 3634.6 | 3668.0 | 3674.7 | 3674.7 |
| 10° | 3490.8 | 3561.0 | 3614.5 | 3621.2 | 3631.2 | 3621.2 | 3621.2 | 3634.6 | 3668.0 | 3674.7 | 3678.0 |
| 12.5° | 3444.0 | 3540.9 | 3591.1 | 3597.8 | 3611.1 | 3607.8 | 3604.5 | 3617.9 | 3651.3 | 3658.0 | 3658.0 |
| 15° | 3390.5 | 3504.1 | 3551.0 | 3557.7 | 3581.1 | 3574.4 | 3574.4 | 3587.7 | 3624.6 | 3634.6 | 3631.2 |
| 17.5° | 3316.9 | 3457.3 | 3510.9 | 3520.8 | 3537.6 | 3534.3 | 3537.6 | 3551.0 | 3584.4 | 3591.1 | 3594.4 |
| 20° | 3233.3 | 3393.8 | 3457.3 | 3467.4 | 3484.1 | 3484.1 | 3484.1 | 3500.8 | 3534.3 | 3547.6 | 3547.6 |
| 22.5° | 3119.6 | 3327.0 | 3393.8 | 3400.5 | 3420.6 | 3420.6 | 3427.3 | 3450.7 | 3480.7 | 3484.1 | 3484.1 |
| 25° | 2985.9 | 3253.4 | 3310.2 | 3330.3 | 3350.3 | 3360.4 | 3370.5 | 3383.8 | 3393.8 | 3390.5 | 3393.8 |
| 27.5° | 2845.4 | 3159.7 | 3233.3 | 3246.7 | 3273.4 | 3283.5 | 3296.9 | 3300.2 | 3303.6 | 3313.6 | 3306.8 |
| 30° | 2688.3 | 3029.4 | 3139.7 | 3153.1 | 3196.6 | 3203.2 | 3189.9 | 3196.6 | 3213.3 | 3220.0 | 3226.6 |
| 32.5° | 2511.1 | 2835.5 | 3042.7 | 3072.9 | 3113.0 | 3092.9 | 3089.6 | 3099.6 | 3126.3 | 3126.3 | 3133.0 |
| 35° | 2270.3 | 2685.0 | 2952.4 | 2979.2 | 3009.3 | 2985.9 | 2999.3 | 3002.6 | 3019.3 | 3029.4 | 3026.0 |
| 37.5° | 2006.2 | 2554.6 | 2858.9 | 2878.9 | 2902.3 | 2872.2 | 2892.3 | 2902.3 | 2915.7 | 2909.0 | 2909.0 |
| 40° | 1772.2 | 2350.6 | 2748.5 | 2761.9 | 2781.9 | 2758.5 | 2778.6 | 2785.3 | 2792.0 | 2785.3 | 2781.9 |
| 42.5° | 1598.3 | 2126.6 | 2631.4 | 2648.1 | 2634.8 | 2651.5 | 2658.2 | 2671.6 | 2661.6 | 2648.1 | 2648.1 |
| 45° | 1464.5 | 2066.4 | 2504.4 | 2524.4 | 2504.4 | 2531.2 | 2541.2 | 2541.2 | 2511.1 | 2504.4 | 2501.0 |
| 47.5° | 1421.0 | 1946.0 | 2377.3 | 2377.3 | 2367.3 | 2400.7 | 2417.4 | 2394.0 | 2364.0 | 2353.9 | 2353.9 |
| 50° | 1417.7 | 1812.3 | 2203.4 | 2190.1 | 2236.9 | 2277.0 | 2260.3 | 2236.9 | 2213.5 | 2176.8 | 2176.8 |
| 52.5° | 1287.3 | 1648.4 | 1979.5 | 2029.6 | 2103.2 | 2126.6 | 2099.8 | 2076.4 | 2036.3 | 2019.6 | 2006.2 |
| 55° | 1193.7 | 1477.9 | 1775.5 | 1875.8 | 1952.7 | 1982.8 | 1932.6 | 1909.2 | 1849.0 | 1839.1 | 1832.3 |
| 57.5° | 1173.6 | 1230.5 | 1588.2 | 1715.3 | 1808.9 | 1805.6 | 1775.5 | 1732.1 | 1681.9 | 1671.8 | 1668.5 |
| 60° | 1076.6 | 889.4 | 1387.6 | 1538.1 | 1635.0 | 1625.1 | 1598.3 | 1558.2 | 1511.3 | 1504.6 | 1498.0 |
| 62.5° | 976.3 | 645.4 | 1160.2 | 1330.7 | 1467.9 | 1464.5 | 1441.1 | 1380.9 | 1347.5 | 1330.7 | 1317.4 |
| 65° | 829.2 | 541.7 | 825.9 | 1106.8 | 1304.1 | 1310.7 | 1260.6 | 1217.1 | 1180.3 | 1160.2 | 1156.9 |
| 67.5° | 631.9 | 441.3 | 558.4 | 922.9 | 1146.9 | 1140.2 | 1076.6 | 1056.6 | 1009.8 | 999.8 | 979.7 |
| 70° | 468.1 | 294.2 | 387.9 | 749.0 | 993.0 | 976.3 | 926.2 | 902.8 | 859.4 | 835.9 | 822.5 |
| 72.5° | 387.9 | 237.4 | 284.2 | 581.8 | 835.9 | 815.9 | 772.4 | 745.6 | 708.9 | 688.8 | 675.4 |
| 75° | 314.3 | 250.8 | 217.4 | 431.4 | 678.8 | 665.4 | 625.3 | 598.5 | 568.4 | 541.7 | 545.0 |
| 77.5° | 230.7 | 234.1 | 173.9 | 317.6 | 538.4 | 518.3 | 494.9 | 461.4 | 448.1 | 421.3 | 421.3 |
| 80° | 173.9 | 183.9 | 130.4 | 217.4 | 387.9 | 387.9 | 367.8 | 344.4 | 321.0 | 307.7 | 307.7 |
| 82.5° | 117.0 | 117.0 | 96.9 | 137.1 | 264.2 | 254.1 | 240.8 | 234.1 | 220.7 | 214.0 | 214.0 |
| 85° | 53.5 | 66.9 | 60.2 | 83.6 | 143.8 | 150.5 | 150.5 | 143.8 | 140.4 | 133.8 | 137.1 |
| 87.5° | 16.7 | 30.1 | 36.8 | 46.8 | 73.6 | 76.9 | 80.2 | 80.2 | 80.2 | 83.6 | 83.6 |
| 90° | 2.0 | 3.6 | 5.1 | 5.5 | 8.7 | 12.9 | 15.0 | 13.3 | 10.0 | 7.5 | 7.5 |
| 92.5° | 7.9 | 21.3 | 34.9 | 38.2 | 53.7 | 74.4 | 84.7 | 74.2 | 53.4 | 37.6 | 36.2 |
| 95° | 19.0 | 43.6 | 68.3 | 74.4 | 132.1 | 209.1 | 247.6 | 220.9 | 167.7 | 127.6 | 123.1 |
| 97.5° | 32.9 | 54.6 | 76.3 | 81.7 | 177.9 | 306.3 | 370.5 | 353.7 | 320.0 | 294.7 | 286.1 |
| 100° | 43.6 | 63.2 | 82.9 | 87.8 | 194.6 | 337.0 | 408.2 | 409.5 | 412.0 | 413.9 | 403.6 |
| 102.5° | 52.7 | 71.0 | 89.4 | 94.0 | 202.3 | 346.8 | 419.0 | 440.5 | 483.3 | 515.5 | 506.7 |
| 105° | 68.1 | 83.7 | 99.3 | 103.1 | 208.1 | 347.9 | 417.8 | 465.9 | 562.2 | 634.3 | 629.6 |
| 107.5° | 83.9 | 98.4 | 112.9 | 116.6 | 209.1 | 332.4 | 394.0 | 461.1 | 595.4 | 696.0 | 697.2 |
| 110° | 94.7 | 107.7 | 120.8 | 124.1 | 207.5 | 318.6 | 374.3 | 449.2 | 599.3 | 711.9 | 716.8 |



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CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 105.1 | 117.6 | 130.0 | 133.2 | 207.6 | 306.7 | 356.3 | 433.0 | 586.6 | 701.8 | 709.4 |
| 115° | 120.9 | 132.4 | 144.0 | 146.8 | 209.5 | 292.9 | 334.6 | 408.6 | 556.6 | 667.6 | 678.1 |
| 117.5° | 136.5 | 147.0 | 157.5 | 160.2 | 213.4 | 284.3 | 319.8 | 386.6 | 520.1 | 620.3 | 631.9 |
| 120° | 145.6 | 155.5 | 165.4 | 167.9 | 216.6 | 281.5 | 313.9 | 374.8 | 496.9 | 588.4 | 599.6 |
| 122.5° | 154.5 | 164.5 | 174.5 | 177.0 | 221.1 | 279.9 | 309.3 | 364.3 | 474.1 | 556.5 | 567.7 |
| 125° | 168.3 | 177.3 | 186.3 | 188.6 | 227.2 | 278.7 | 304.4 | 351.0 | 444.4 | 514.4 | 524.6 |
| 127.5° | 179.3 | 188.4 | 197.6 | 199.9 | 233.4 | 277.9 | 300.3 | 340.4 | 420.5 | 480.6 | 489.3 |
| 130° | 185.2 | 195.1 | 204.9 | 207.4 | 237.8 | 278.4 | 298.7 | 334.3 | 405.7 | 459.1 | 467.1 |
| 132.5° | 191.4 | 201.3 | 211.0 | 213.5 | 241.5 | 278.7 | 297.3 | 329.2 | 393.0 | 440.9 | 448.2 |
| 135° | 200.5 | 209.5 | 218.4 | 220.7 | 245.4 | 278.4 | 294.9 | 321.7 | 375.1 | 415.3 | 421.4 |
| 137.5° | 209.8 | 218.6 | 227.5 | 229.8 | 251.3 | 280.1 | 294.5 | 317.1 | 362.3 | 396.2 | 401.2 |
| 140° | 217.5 | 225.7 | 233.9 | 235.9 | 255.0 | 280.4 | 293.1 | 312.7 | 351.7 | 381.0 | 385.7 |
| 142.5° | 223.5 | 231.0 | 238.6 | 240.5 | 258.1 | 281.5 | 293.1 | 310.3 | 344.6 | 370.3 | 374.4 |
| 145° | 232.6 | 239.2 | 245.7 | 247.4 | 262.0 | 281.5 | 291.2 | 305.2 | 333.3 | 354.3 | 357.4 |
| 147.5° | 241.7 | 248.1 | 254.5 | 256.1 | 267.7 | 283.4 | 291.2 | 302.2 | 324.3 | 340.8 | 343.3 |
| 150° | 247.6 | 253.4 | 259.2 | 260.6 | 270.8 | 284.3 | 291.2 | 300.5 | 319.1 | 333.1 | 335.1 |
| 152.5° | 253.7 | 258.1 | 262.5 | 263.6 | 272.8 | 285.0 | 291.2 | 299.1 | 315.0 | 326.9 | 328.5 |
| 155° | 262.8 | 266.1 | 269.3 | 270.1 | 277.1 | 286.5 | 291.2 | 297.5 | 310.1 | 319.6 | 320.6 |
| 157.5° | 269.5 | 272.7 | 275.8 | 276.6 | 281.5 | 287.9 | 291.2 | 296.1 | 305.9 | 313.3 | 314.0 |
| 160° | 274.1 | 276.5 | 279.0 | 279.6 | 283.5 | 288.6 | 291.2 | 295.4 | 303.8 | 310.1 | 310.5 |
| 162.5° | 278.6 | 280.5 | 282.3 | 282.8 | 285.5 | 289.3 | 291.2 | 294.7 | 301.8 | 307.2 | 307.6 |
| 165° | 283.7 | 285.3 | 287.0 | 287.4 | 288.7 | 290.4 | 291.2 | 293.7 | 298.8 | 302.6 | 303.0 |
| 167.5° | 288.2 | 289.0 | 289.8 | 290.0 | 291.1 | 292.4 | 293.1 | 294.8 | 298.2 | 300.6 | 300.8 |
| 170° | 291.2 | 292.0 | 292.7 | 292.9 | 293.0 | 293.1 | 293.1 | 294.8 | 298.2 | 300.6 | 300.6 |
| 172.5° | 292.7 | 292.9 | 293.1 | 293.1 | 293.1 | 293.1 | 293.1 | 294.4 | 297.1 | 299.1 | 298.9 |
| 175° | 294.9 | 294.9 | 294.9 | 294.9 | 294.3 | 293.5 | 293.1 | 293.9 | 295.6 | 296.9 | 296.9 |
| 177.5° | 294.9 | 294.9 | 294.9 | 294.9 | 294.4 | 293.8 | 293.5 | 294.2 | 295.5 | 296.5 | 296.3 |
| 180° | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 |



TEST NUMBER: P934120

CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 |
| 2.5° | 3624.6 | 3614.5 | 3624.6 | 3617.9 | 3621.2 | 3611.1 | 3581.1 | 3571.0 | 3581.1 | 3591.1 | 3591.1 |
| 5° | 3668.0 | 3661.3 | 3668.0 | 3668.0 | 3664.7 | 3658.0 | 3624.6 | 3617.9 | 3624.6 | 3627.8 | 3621.2 |
| 7.5° | 3681.4 | 3671.3 | 3681.4 | 3674.7 | 3674.7 | 3668.0 | 3634.6 | 3627.8 | 3631.2 | 3641.3 | 3631.2 |
| 10° | 3681.4 | 3671.3 | 3681.4 | 3678.0 | 3674.7 | 3668.0 | 3634.6 | 3621.2 | 3621.2 | 3631.2 | 3621.2 |
| 12.5° | 3664.7 | 3658.0 | 3664.7 | 3658.0 | 3658.0 | 3651.3 | 3617.9 | 3604.5 | 3607.8 | 3611.1 | 3597.8 |
| 15° | 3637.9 | 3627.8 | 3637.9 | 3631.2 | 3634.6 | 3624.6 | 3587.7 | 3574.4 | 3574.4 | 3581.1 | 3557.7 |
| 17.5° | 3597.8 | 3584.4 | 3597.8 | 3594.4 | 3591.1 | 3584.4 | 3551.0 | 3537.6 | 3534.3 | 3537.6 | 3520.8 |
| 20° | 3551.0 | 3540.9 | 3551.0 | 3547.6 | 3547.6 | 3534.3 | 3500.8 | 3484.1 | 3484.1 | 3484.1 | 3467.4 |
| 22.5° | 3477.4 | 3467.4 | 3477.4 | 3484.1 | 3484.1 | 3480.7 | 3450.7 | 3427.3 | 3420.6 | 3420.6 | 3400.5 |
| 25° | 3393.8 | 3383.8 | 3393.8 | 3393.8 | 3390.5 | 3393.8 | 3383.8 | 3370.5 | 3360.4 | 3350.3 | 3330.3 |
| 27.5° | 3313.6 | 3306.8 | 3313.6 | 3306.8 | 3313.6 | 3303.6 | 3300.2 | 3296.9 | 3283.5 | 3273.4 | 3246.7 |
| 30° | 3233.3 | 3226.6 | 3233.3 | 3226.6 | 3220.0 | 3213.3 | 3196.6 | 3189.9 | 3203.2 | 3196.6 | 3153.1 |
| 32.5° | 3133.0 | 3126.3 | 3133.0 | 3133.0 | 3126.3 | 3126.3 | 3099.6 | 3089.6 | 3092.9 | 3113.0 | 3072.9 |
| 35° | 3029.4 | 3019.3 | 3029.4 | 3026.0 | 3029.4 | 3019.3 | 3002.6 | 2999.3 | 2985.9 | 3009.3 | 2979.2 |
| 37.5° | 2909.0 | 2899.0 | 2909.0 | 2909.0 | 2909.0 | 2915.7 | 2902.3 | 2892.3 | 2872.2 | 2902.3 | 2878.9 |
| 40° | 2785.3 | 2771.9 | 2785.3 | 2781.9 | 2785.3 | 2792.0 | 2785.3 | 2778.6 | 2758.5 | 2781.9 | 2761.9 |
| 42.5° | 2644.9 | 2641.5 | 2644.9 | 2648.1 | 2648.1 | 2661.6 | 2671.6 | 2658.2 | 2651.5 | 2634.8 | 2648.1 |
| 45° | 2494.4 | 2487.7 | 2494.4 | 2501.0 | 2504.4 | 2511.1 | 2541.2 | 2541.2 | 2531.2 | 2504.4 | 2524.4 |
| 47.5° | 2333.9 | 2317.2 | 2333.9 | 2353.9 | 2353.9 | 2364.0 | 2394.0 | 2417.4 | 2400.7 | 2367.3 | 2377.3 |
| 50° | 2163.3 | 2166.7 | 2163.3 | 2176.8 | 2176.8 | 2213.5 | 2236.9 | 2260.3 | 2277.0 | 2236.9 | 2190.1 |
| 52.5° | 1996.2 | 1992.8 | 1996.2 | 2006.2 | 2019.6 | 2036.3 | 2076.4 | 2099.8 | 2126.6 | 2103.2 | 2029.6 |
| 55° | 1829.0 | 1835.7 | 1829.0 | 1832.3 | 1839.1 | 1849.0 | 1909.2 | 1932.6 | 1982.8 | 1952.7 | 1875.8 |
| 57.5° | 1661.8 | 1651.7 | 1661.8 | 1668.5 | 1671.8 | 1681.9 | 1732.1 | 1775.5 | 1805.6 | 1808.9 | 1715.3 |
| 60° | 1467.9 | 1454.5 | 1467.9 | 1498.0 | 1504.6 | 1511.3 | 1558.2 | 1598.3 | 1625.1 | 1635.0 | 1538.1 |
| 62.5° | 1297.3 | 1273.9 | 1297.3 | 1317.4 | 1330.7 | 1347.5 | 1380.9 | 1441.1 | 1464.5 | 1467.9 | 1330.7 |
| 65° | 1116.7 | 1106.8 | 1116.7 | 1156.9 | 1160.2 | 1180.3 | 1217.1 | 1260.6 | 1310.7 | 1304.1 | 1106.8 |
| 67.5° | 952.9 | 952.9 | 952.9 | 979.7 | 999.8 | 1009.8 | 1056.6 | 1076.6 | 1140.2 | 1146.9 | 922.9 |
| 70° | 802.5 | 799.1 | 802.5 | 822.5 | 835.9 | 859.4 | 902.8 | 926.2 | 976.3 | 993.0 | 749.0 |
| 72.5° | 658.7 | 655.3 | 658.7 | 675.4 | 688.8 | 708.9 | 745.6 | 772.4 | 815.9 | 835.9 | 581.8 |
| 75° | 531.6 | 524.9 | 531.6 | 545.0 | 541.7 | 568.4 | 598.5 | 625.3 | 665.4 | 678.8 | 431.4 |
| 77.5° | 407.9 | 407.9 | 407.9 | 421.3 | 421.3 | 448.1 | 461.4 | 494.9 | 518.3 | 538.4 | 317.6 |
| 80° | 304.3 | 300.9 | 304.3 | 307.7 | 307.7 | 321.0 | 344.4 | 367.8 | 387.9 | 387.9 | 217.4 |
| 82.5° | 214.0 | 207.3 | 214.0 | 214.0 | 214.0 | 220.7 | 234.1 | 240.8 | 254.1 | 264.2 | 137.1 |
| 85° | 133.8 | 133.8 | 133.8 | 137.1 | 133.8 | 140.4 | 143.8 | 150.5 | 150.5 | 143.8 | 83.6 |
| 87.5° | 86.9 | 83.6 | 86.9 | 83.6 | 83.6 | 80.2 | 80.2 | 80.2 | 76.9 | 73.6 | 46.8 |
| 90° | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 10.0 | 13.3 | 15.0 | 12.9 | 8.7 | 5.5 |
| 92.5° | 30.1 | 24.1 | 30.1 | 36.2 | 37.6 | 53.4 | 74.2 | 84.7 | 74.4 | 53.7 | 38.2 |
| 95° | 105.0 | 86.8 | 105.0 | 123.1 | 127.6 | 167.7 | 220.9 | 247.6 | 209.1 | 132.1 | 74.4 |
| 97.5° | 251.5 | 217.1 | 251.5 | 286.1 | 294.7 | 320.0 | 353.7 | 370.5 | 306.3 | 177.9 | 81.7 |
| 100° | 362.5 | 321.4 | 362.5 | 403.6 | 413.9 | 412.0 | 409.5 | 408.2 | 337.0 | 194.6 | 87.8 |
| 102.5° | 471.6 | 436.4 | 471.6 | 506.7 | 515.5 | 483.3 | 440.5 | 419.0 | 346.8 | 202.3 | 94.0 |
| 105° | 610.7 | 591.7 | 610.7 | 629.6 | 634.3 | 562.2 | 465.9 | 417.8 | 347.9 | 208.1 | 103.1 |
| 107.5° | 701.8 | 706.3 | 701.8 | 697.2 | 696.0 | 595.4 | 461.1 | 394.0 | 332.4 | 209.1 | 116.6 |
| 110° | 736.5 | 756.2 | 736.5 | 716.8 | 711.9 | 599.3 | 449.2 | 374.3 | 318.6 | 207.5 | 124.1 |



TEST NUMBER: P934120

CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 739.6 | 769.8 | 739.6 | 709.4 | 701.8 | 586.6 | 433.0 | 356.3 | 306.7 | 207.6 | 133.2 |
| 115° | 720.1 | 761.9 | 720.1 | 678.1 | 667.6 | 556.6 | 408.6 | 334.6 | 292.9 | 209.5 | 146.8 |
| 117.5° | 678.5 | 725.0 | 678.5 | 631.9 | 620.3 | 520.1 | 386.6 | 319.8 | 284.3 | 213.4 | 160.2 |
| 120° | 644.9 | 690.1 | 644.9 | 599.6 | 588.4 | 496.9 | 374.8 | 313.9 | 281.5 | 216.6 | 167.9 |
| 122.5° | 612.3 | 656.8 | 612.3 | 567.7 | 556.5 | 474.1 | 364.3 | 309.3 | 279.9 | 221.1 | 177.0 |
| 125° | 565.7 | 606.8 | 565.7 | 524.6 | 514.4 | 444.4 | 351.0 | 304.4 | 278.7 | 227.2 | 188.6 |
| 127.5° | 523.8 | 558.5 | 523.8 | 489.3 | 480.6 | 420.5 | 340.4 | 300.3 | 277.9 | 233.4 | 199.9 |
| 130° | 499.1 | 531.1 | 499.1 | 467.1 | 459.1 | 405.7 | 334.3 | 298.7 | 278.4 | 237.8 | 207.4 |
| 132.5° | 476.8 | 505.5 | 476.8 | 448.2 | 440.9 | 393.0 | 329.2 | 297.3 | 278.7 | 241.5 | 213.5 |
| 135° | 446.1 | 470.8 | 446.1 | 421.4 | 415.3 | 375.1 | 321.7 | 294.9 | 278.4 | 245.4 | 220.7 |
| 137.5° | 421.5 | 441.7 | 421.5 | 401.2 | 396.2 | 362.3 | 317.1 | 294.5 | 280.1 | 251.3 | 229.8 |
| 140° | 404.6 | 423.6 | 404.6 | 385.7 | 381.0 | 351.7 | 312.7 | 293.1 | 280.4 | 255.0 | 235.9 |
| 142.5° | 390.7 | 406.9 | 390.7 | 374.4 | 370.3 | 344.6 | 310.3 | 293.1 | 281.5 | 258.1 | 240.5 |
| 145° | 369.7 | 382.0 | 369.7 | 357.4 | 354.3 | 333.3 | 305.2 | 291.2 | 281.5 | 262.0 | 247.4 |
| 147.5° | 353.5 | 363.8 | 353.5 | 343.3 | 340.8 | 324.3 | 302.2 | 291.2 | 283.4 | 267.7 | 256.1 |
| 150° | 343.4 | 351.7 | 343.4 | 335.1 | 333.1 | 319.1 | 300.5 | 291.2 | 284.3 | 270.8 | 260.6 |
| 152.5° | 334.7 | 341.0 | 334.7 | 328.5 | 326.9 | 315.0 | 299.1 | 291.2 | 285.0 | 272.8 | 263.6 |
| 155° | 324.8 | 328.9 | 324.8 | 320.6 | 319.6 | 310.1 | 297.5 | 291.2 | 286.5 | 277.1 | 270.1 |
| 157.5° | 317.0 | 319.8 | 317.0 | 314.0 | 313.3 | 305.9 | 296.1 | 291.2 | 287.9 | 281.5 | 276.6 |
| 160° | 312.2 | 313.9 | 312.2 | 310.5 | 310.1 | 303.8 | 295.4 | 291.2 | 288.6 | 283.5 | 279.6 |
| 162.5° | 309.1 | 310.7 | 309.1 | 307.6 | 307.2 | 301.8 | 294.7 | 291.2 | 289.3 | 285.5 | 282.8 |
| 165° | 304.7 | 306.4 | 304.7 | 303.0 | 302.6 | 298.8 | 293.7 | 291.2 | 290.4 | 288.7 | 287.4 |
| 167.5° | 301.5 | 302.2 | 301.5 | 300.8 | 300.6 | 298.2 | 294.8 | 293.1 | 292.4 | 291.1 | 290.0 |
| 170° | 300.6 | 300.6 | 300.6 | 300.6 | 300.6 | 298.2 | 294.8 | 293.1 | 293.1 | 293.0 | 292.9 |
| 172.5° | 298.3 | 297.7 | 298.3 | 298.9 | 299.1 | 297.1 | 294.4 | 293.1 | 293.1 | 293.1 | 293.1 |
| 175° | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 295.6 | 293.9 | 293.1 | 293.5 | 294.3 | 294.9 |
| 177.5° | 295.6 | 294.9 | 295.6 | 296.3 | 296.5 | 295.5 | 294.2 | 293.5 | 293.8 | 294.4 | 294.9 |
| 180° | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 |



TEST NUMBER: P934120

CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 |
| 2.5° | 3584.4 | 3564.3 | 3564.3 | 3530.9 | 3517.6 | 3507.5 | 3490.8 | 3440.6 | 3427.3 | 3413.8 | 3434.0 |
| 5° | 3614.5 | 3577.7 | 3551.0 | 3490.8 | 3440.6 | 3420.6 | 3357.0 | 3236.7 | 3156.5 | 3096.2 | 3062.8 |
| 7.5° | 3621.2 | 3574.4 | 3524.2 | 3430.6 | 3310.2 | 3256.7 | 3062.8 | 2842.1 | 2781.9 | 2728.5 | 2695.0 |
| 10° | 3614.5 | 3561.0 | 3490.8 | 3350.3 | 3066.2 | 2972.5 | 2778.6 | 2634.8 | 2598.0 | 2588.0 | 2598.0 |
| 12.5° | 3591.1 | 3540.9 | 3444.0 | 3209.9 | 2812.0 | 2748.5 | 2634.8 | 2551.2 | 2544.5 | 2561.3 | 2651.5 |
| 15° | 3551.0 | 3504.1 | 3390.5 | 3022.7 | 2671.6 | 2624.8 | 2544.5 | 2514.5 | 2551.2 | 2668.3 | 2939.1 |
| 17.5° | 3510.9 | 3457.3 | 3316.9 | 2838.8 | 2564.6 | 2531.2 | 2474.3 | 2534.5 | 2741.8 | 2899.0 | 2989.2 |
| 20° | 3457.3 | 3393.8 | 3233.3 | 2705.0 | 2487.7 | 2457.6 | 2430.9 | 2701.7 | 2858.9 | 2915.7 | 2965.9 |
| 22.5° | 3393.8 | 3327.0 | 3119.6 | 2611.4 | 2407.5 | 2384.0 | 2400.7 | 2795.3 | 2858.9 | 2899.0 | 2942.5 |
| 25° | 3310.2 | 3253.4 | 2985.9 | 2537.9 | 2343.9 | 2317.2 | 2380.7 | 2785.3 | 2822.0 | 2832.1 | 2919.0 |
| 27.5° | 3233.3 | 3159.7 | 2845.4 | 2471.0 | 2267.0 | 2257.0 | 2397.4 | 2741.8 | 2768.6 | 2778.6 | 2872.2 |
| 30° | 3139.7 | 3029.4 | 2688.3 | 2400.7 | 2186.7 | 2183.4 | 2400.7 | 2688.3 | 2681.6 | 2708.4 | 2802.0 |
| 32.5° | 3042.7 | 2835.5 | 2511.1 | 2313.8 | 2109.9 | 2106.5 | 2377.3 | 2608.0 | 2601.4 | 2638.2 | 2708.4 |
| 35° | 2952.4 | 2685.0 | 2270.3 | 2213.5 | 2012.9 | 2016.2 | 2320.5 | 2514.5 | 2517.8 | 2551.2 | 2594.7 |
| 37.5° | 2858.9 | 2554.6 | 2006.2 | 2103.2 | 1919.3 | 1919.3 | 2243.6 | 2427.5 | 2420.8 | 2430.9 | 2491.0 |
| 40° | 2748.5 | 2350.6 | 1772.2 | 1959.4 | 1832.3 | 1822.3 | 2150.0 | 2333.9 | 2310.4 | 2307.2 | 2390.8 |
| 42.5° | 2631.4 | 2126.6 | 1598.3 | 1768.8 | 1732.1 | 1718.6 | 2036.3 | 2220.2 | 2176.8 | 2186.7 | 2293.7 |
| 45° | 2504.4 | 2066.4 | 1464.5 | 1494.6 | 1628.3 | 1618.3 | 1912.6 | 2089.8 | 2059.7 | 2086.5 | 2196.8 |
| 47.5° | 2377.3 | 1946.0 | 1421.0 | 1240.5 | 1518.1 | 1514.7 | 1775.5 | 1962.8 | 1946.0 | 1972.7 | 2089.8 |
| 50° | 2203.4 | 1812.3 | 1417.7 | 1063.3 | 1394.3 | 1407.7 | 1611.6 | 1839.1 | 1839.1 | 1862.4 | 1986.2 |
| 52.5° | 1979.5 | 1648.4 | 1287.3 | 963.0 | 1250.5 | 1290.6 | 1467.9 | 1732.1 | 1738.7 | 1762.1 | 1872.5 |
| 55° | 1775.5 | 1477.9 | 1193.7 | 886.0 | 1080.0 | 1166.9 | 1327.5 | 1621.7 | 1635.0 | 1658.5 | 1758.7 |
| 57.5° | 1588.2 | 1230.5 | 1173.6 | 795.8 | 922.9 | 1006.5 | 1203.7 | 1514.7 | 1521.3 | 1541.5 | 1638.4 |
| 60° | 1387.6 | 889.4 | 1076.6 | 698.8 | 785.8 | 849.3 | 1090.1 | 1387.6 | 1411.1 | 1424.4 | 1508.0 |
| 62.5° | 1160.2 | 645.4 | 976.3 | 631.9 | 718.9 | 732.3 | 996.4 | 1267.2 | 1297.3 | 1307.4 | 1357.5 |
| 65° | 825.9 | 541.7 | 829.2 | 575.1 | 648.6 | 652.0 | 896.1 | 1143.5 | 1170.3 | 1187.0 | 1223.7 |
| 67.5° | 558.4 | 441.3 | 631.9 | 521.6 | 595.2 | 598.5 | 799.1 | 999.8 | 1036.5 | 1049.9 | 1073.4 |
| 70° | 387.9 | 294.2 | 468.1 | 464.8 | 535.0 | 541.7 | 695.5 | 869.3 | 902.8 | 912.8 | 926.2 |
| 72.5° | 284.2 | 237.4 | 387.9 | 417.9 | 471.5 | 478.2 | 588.5 | 722.2 | 755.6 | 765.7 | 772.4 |
| 75° | 217.4 | 250.8 | 314.3 | 364.5 | 401.2 | 404.6 | 481.5 | 588.5 | 611.9 | 618.6 | 621.9 |
| 77.5° | 173.9 | 234.1 | 230.7 | 294.2 | 327.7 | 321.0 | 377.8 | 454.8 | 474.8 | 474.8 | 474.8 |
| 80° | 130.4 | 183.9 | 173.9 | 210.6 | 240.8 | 234.1 | 270.8 | 324.4 | 331.0 | 337.7 | 334.3 |
| 82.5° | 96.9 | 117.0 | 117.0 | 133.8 | 160.5 | 153.8 | 180.6 | 210.6 | 210.6 | 210.6 | 217.4 |
| 85° | 60.2 | 66.9 | 53.5 | 70.2 | 90.3 | 86.9 | 100.3 | 113.7 | 117.0 | 117.0 | 110.4 |
| 87.5° | 36.8 | 30.1 | 16.7 | 26.8 | 40.1 | 40.1 | 46.8 | 50.2 | 46.8 | 46.8 | 46.8 |
| 90° | 5.1 | 3.6 | 2.0 | 3.6 | 5.1 | 5.5 | 8.7 | 12.9 | 15.0 | 13.3 | 10.0 |
| 92.5° | 34.9 | 21.3 | 7.9 | 21.3 | 34.9 | 38.2 | 53.7 | 74.4 | 84.7 | 74.2 | 53.4 |
| 95° | 68.3 | 43.6 | 19.0 | 43.6 | 68.3 | 74.4 | 132.1 | 209.1 | 247.6 | 220.9 | 167.7 |
| 97.5° | 76.3 | 54.6 | 32.9 | 54.6 | 76.3 | 81.7 | 177.9 | 306.3 | 370.5 | 353.7 | 320.0 |
| 100° | 82.9 | 63.2 | 43.6 | 63.2 | 82.9 | 87.8 | 194.6 | 337.0 | 408.2 | 409.5 | 412.0 |
| 102.5° | 89.4 | 71.0 | 52.7 | 71.0 | 89.4 | 94.0 | 202.3 | 346.8 | 419.0 | 440.5 | 483.3 |
| 105° | 99.3 | 83.7 | 68.1 | 83.7 | 99.3 | 103.1 | 208.1 | 347.9 | 417.8 | 465.9 | 562.2 |
| 107.5° | 112.9 | 98.4 | 83.9 | 98.4 | 112.9 | 116.6 | 209.1 | 332.4 | 394.0 | 461.1 | 595.4 |
| 110° | 120.8 | 107.7 | 94.7 | 107.7 | 120.8 | 124.1 | 207.5 | 318.6 | 374.3 | 449.2 | 599.3 |



TEST NUMBER: P934120

CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 130.0 | 117.6 | 105.1 | 117.6 | 130.0 | 133.2 | 207.6 | 306.7 | 356.3 | 433.0 | 586.6 |
| 115° | 144.0 | 132.4 | 120.9 | 132.4 | 144.0 | 146.8 | 209.5 | 292.9 | 334.6 | 408.6 | 556.6 |
| 117.5° | 157.5 | 147.0 | 136.5 | 147.0 | 157.5 | 160.2 | 213.4 | 284.3 | 319.8 | 386.6 | 520.1 |
| 120° | 165.4 | 155.5 | 145.6 | 155.5 | 165.4 | 167.9 | 216.6 | 281.5 | 313.9 | 374.8 | 496.9 |
| 122.5° | 174.5 | 164.5 | 154.5 | 164.5 | 174.5 | 177.0 | 221.1 | 279.9 | 309.3 | 364.3 | 474.1 |
| 125° | 186.3 | 177.3 | 168.3 | 177.3 | 186.3 | 188.6 | 227.2 | 278.7 | 304.4 | 351.0 | 444.4 |
| 127.5° | 197.6 | 188.4 | 179.3 | 188.4 | 197.6 | 199.9 | 233.4 | 277.9 | 300.3 | 340.4 | 420.5 |
| 130° | 204.9 | 195.1 | 185.2 | 195.1 | 204.9 | 207.4 | 237.8 | 278.4 | 298.7 | 334.3 | 405.7 |
| 132.5° | 211.0 | 201.3 | 191.4 | 201.3 | 211.0 | 213.5 | 241.5 | 278.7 | 297.3 | 329.2 | 393.0 |
| 135° | 218.4 | 209.5 | 200.5 | 209.5 | 218.4 | 220.7 | 245.4 | 278.4 | 294.9 | 321.7 | 375.1 |
| 137.5° | 227.5 | 218.6 | 209.8 | 218.6 | 227.5 | 229.8 | 251.3 | 280.1 | 294.5 | 317.1 | 362.3 |
| 140° | 233.9 | 225.7 | 217.5 | 225.7 | 233.9 | 235.9 | 255.0 | 280.4 | 293.1 | 312.7 | 351.7 |
| 142.5° | 238.6 | 231.0 | 223.5 | 231.0 | 238.6 | 240.5 | 258.1 | 281.5 | 293.1 | 310.3 | 344.6 |
| 145° | 245.7 | 239.2 | 232.6 | 239.2 | 245.7 | 247.4 | 262.0 | 281.5 | 291.2 | 305.2 | 333.3 |
| 147.5° | 254.5 | 248.1 | 241.7 | 248.1 | 254.5 | 256.1 | 267.7 | 283.4 | 291.2 | 302.2 | 324.3 |
| 150° | 259.2 | 253.4 | 247.6 | 253.4 | 259.2 | 260.6 | 270.8 | 284.3 | 291.2 | 300.5 | 319.1 |
| 152.5° | 262.5 | 258.1 | 253.7 | 258.1 | 262.5 | 263.6 | 272.8 | 285.0 | 291.2 | 299.1 | 315.0 |
| 155° | 269.3 | 266.1 | 262.8 | 266.1 | 269.3 | 270.1 | 277.1 | 286.5 | 291.2 | 297.5 | 310.1 |
| 157.5° | 275.8 | 272.7 | 269.5 | 272.7 | 275.8 | 276.6 | 281.5 | 287.9 | 291.2 | 296.1 | 305.9 |
| 160° | 279.0 | 276.5 | 274.1 | 276.5 | 279.0 | 279.6 | 283.5 | 288.6 | 291.2 | 295.4 | 303.8 |
| 162.5° | 282.3 | 280.5 | 278.6 | 280.5 | 282.3 | 282.8 | 285.5 | 289.3 | 291.2 | 294.7 | 301.8 |
| 165° | 287.0 | 285.3 | 283.7 | 285.3 | 287.0 | 287.4 | 288.7 | 290.4 | 291.2 | 293.7 | 298.8 |
| 167.5° | 289.8 | 289.0 | 288.2 | 289.0 | 289.8 | 290.0 | 291.1 | 292.4 | 293.1 | 294.8 | 298.2 |
| 170° | 292.7 | 292.0 | 291.2 | 292.0 | 292.7 | 292.9 | 293.0 | 293.1 | 293.1 | 294.8 | 298.2 |
| 172.5° | 293.1 | 292.9 | 292.7 | 292.9 | 293.1 | 293.1 | 293.1 | 293.1 | 293.1 | 294.4 | 297.1 |
| 175° | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.3 | 293.5 | 293.1 | 293.9 | 295.6 |
| 177.5° | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.4 | 293.8 | 293.5 | 294.2 | 295.5 |
| 180° | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 |



TEST NUMBER: P934120
 CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 |
| 2.5° | 3410.6 | 3400.5 | 3413.8 | 3377.1 | 3413.8 | 3400.5 | 3410.6 | 3434.0 | 3413.8 | 3427.3 | 3440.6 |
| 5° | 2992.6 | 2975.9 | 2922.4 | 2878.9 | 2922.4 | 2975.9 | 2992.6 | 3062.8 | 3096.2 | 3156.5 | 3236.7 |
| 7.5° | 2674.9 | 2661.6 | 2648.1 | 2621.5 | 2648.1 | 2661.6 | 2674.9 | 2695.0 | 2728.5 | 2781.9 | 2842.1 |
| 10° | 2604.8 | 2608.0 | 2628.1 | 2624.8 | 2628.1 | 2608.0 | 2604.8 | 2598.0 | 2588.0 | 2598.0 | 2634.8 |
| 12.5° | 2785.3 | 2815.4 | 2925.7 | 2919.0 | 2925.7 | 2815.4 | 2785.3 | 2651.5 | 2561.3 | 2544.5 | 2551.2 |
| 15° | 2992.6 | 3002.6 | 3026.0 | 3029.4 | 3026.0 | 3002.6 | 2992.6 | 2939.1 | 2668.3 | 2551.2 | 2514.5 |
| 17.5° | 3012.6 | 3016.0 | 3032.7 | 3032.7 | 3032.7 | 3016.0 | 3012.6 | 2989.2 | 2899.0 | 2741.8 | 2534.5 |
| 20° | 2995.9 | 3002.6 | 3036.0 | 3042.7 | 3036.0 | 3002.6 | 2995.9 | 2965.9 | 2915.7 | 2858.9 | 2701.7 |
| 22.5° | 2989.2 | 3002.6 | 3029.4 | 3026.0 | 3029.4 | 3002.6 | 2989.2 | 2942.5 | 2899.0 | 2858.9 | 2795.3 |
| 25° | 2955.8 | 2955.8 | 2959.2 | 2962.5 | 2959.2 | 2955.8 | 2955.8 | 2919.0 | 2832.1 | 2822.0 | 2785.3 |
| 27.5° | 2885.6 | 2892.3 | 2912.3 | 2909.0 | 2912.3 | 2892.3 | 2885.6 | 2872.2 | 2778.6 | 2768.6 | 2741.8 |
| 30° | 2822.0 | 2815.4 | 2798.6 | 2785.3 | 2798.6 | 2815.4 | 2822.0 | 2802.0 | 2708.4 | 2681.6 | 2688.3 |
| 32.5° | 2715.0 | 2698.3 | 2681.6 | 2671.6 | 2681.6 | 2698.3 | 2715.0 | 2708.4 | 2638.2 | 2601.4 | 2608.0 |
| 35° | 2588.0 | 2591.3 | 2588.0 | 2578.0 | 2588.0 | 2591.3 | 2588.0 | 2594.7 | 2551.2 | 2517.8 | 2514.5 |
| 37.5° | 2497.8 | 2504.4 | 2501.0 | 2487.7 | 2501.0 | 2504.4 | 2497.8 | 2491.0 | 2430.9 | 2420.8 | 2427.5 |
| 40° | 2404.1 | 2407.5 | 2404.1 | 2394.0 | 2404.1 | 2407.5 | 2404.1 | 2390.8 | 2307.2 | 2310.4 | 2333.9 |
| 42.5° | 2313.8 | 2310.4 | 2300.5 | 2293.7 | 2300.5 | 2310.4 | 2313.8 | 2293.7 | 2186.7 | 2176.8 | 2220.2 |
| 45° | 2210.2 | 2213.5 | 2193.5 | 2183.4 | 2193.5 | 2213.5 | 2210.2 | 2196.8 | 2086.5 | 2059.7 | 2089.8 |
| 47.5° | 2106.5 | 2106.5 | 2089.8 | 2079.7 | 2089.8 | 2106.5 | 2106.5 | 2089.8 | 1972.7 | 1946.0 | 1962.8 |
| 50° | 1996.2 | 1992.8 | 1969.4 | 1966.1 | 1969.4 | 1992.8 | 1996.2 | 1986.2 | 1862.4 | 1839.1 | 1839.1 |
| 52.5° | 1869.1 | 1869.1 | 1872.5 | 1879.2 | 1872.5 | 1869.1 | 1869.1 | 1872.5 | 1762.1 | 1738.7 | 1732.1 |
| 55° | 1758.7 | 1762.1 | 1785.5 | 1792.2 | 1785.5 | 1762.1 | 1758.7 | 1758.7 | 1658.5 | 1635.0 | 1621.7 |
| 57.5° | 1645.1 | 1645.1 | 1661.8 | 1661.8 | 1661.8 | 1645.1 | 1645.1 | 1638.4 | 1541.5 | 1521.3 | 1514.7 |
| 60° | 1514.7 | 1521.3 | 1534.8 | 1531.4 | 1534.8 | 1521.3 | 1514.7 | 1508.0 | 1424.4 | 1411.1 | 1387.6 |
| 62.5° | 1377.6 | 1384.3 | 1387.6 | 1380.9 | 1387.6 | 1384.3 | 1377.6 | 1357.5 | 1307.4 | 1297.3 | 1267.2 |
| 65° | 1233.8 | 1240.5 | 1243.9 | 1237.2 | 1243.9 | 1240.5 | 1233.8 | 1223.7 | 1187.0 | 1170.3 | 1143.5 |
| 67.5° | 1086.7 | 1083.3 | 1080.0 | 1093.4 | 1080.0 | 1083.3 | 1086.7 | 1073.4 | 1049.9 | 1036.5 | 999.8 |
| 70° | 936.2 | 936.2 | 932.9 | 939.6 | 932.9 | 936.2 | 936.2 | 926.2 | 912.8 | 902.8 | 869.3 |
| 72.5° | 775.8 | 772.4 | 785.8 | 775.8 | 785.8 | 772.4 | 775.8 | 772.4 | 765.7 | 755.6 | 722.2 |
| 75° | 618.6 | 625.3 | 618.6 | 628.6 | 618.6 | 625.3 | 618.6 | 621.9 | 618.6 | 611.9 | 588.5 |
| 77.5° | 471.5 | 478.2 | 471.5 | 471.5 | 471.5 | 478.2 | 471.5 | 474.8 | 474.8 | 474.8 | 454.8 |
| 80° | 334.3 | 331.0 | 331.0 | 327.7 | 331.0 | 331.0 | 334.3 | 334.3 | 337.7 | 331.0 | 324.4 |
| 82.5° | 214.0 | 210.6 | 210.6 | 217.4 | 210.6 | 210.6 | 214.0 | 217.4 | 210.6 | 210.6 | 210.6 |
| 85° | 117.0 | 120.3 | 113.7 | 113.7 | 113.7 | 120.3 | 117.0 | 110.4 | 117.0 | 117.0 | 113.7 |
| 87.5° | 43.5 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 43.5 | 46.8 | 46.8 | 46.8 | 50.2 |
| 90° | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 10.0 | 13.3 | 15.0 | 12.9 |
| 92.5° | 37.6 | 36.2 | 30.1 | 24.1 | 30.1 | 36.2 | 37.6 | 53.4 | 74.2 | 84.7 | 74.4 |
| 95° | 127.6 | 123.1 | 105.0 | 86.8 | 105.0 | 123.1 | 127.6 | 167.7 | 220.9 | 247.6 | 209.1 |
| 97.5° | 294.7 | 286.1 | 251.5 | 217.1 | 251.5 | 286.1 | 294.7 | 320.0 | 353.7 | 370.5 | 306.3 |
| 100° | 413.9 | 403.6 | 362.5 | 321.4 | 362.5 | 403.6 | 413.9 | 412.0 | 409.5 | 408.2 | 337.0 |
| 102.5° | 515.5 | 506.7 | 471.6 | 436.4 | 471.6 | 506.7 | 515.5 | 483.3 | 440.5 | 419.0 | 346.8 |
| 105° | 634.3 | 629.6 | 610.7 | 591.7 | 610.7 | 629.6 | 634.3 | 562.2 | 465.9 | 417.8 | 347.9 |
| 107.5° | 696.0 | 697.2 | 701.8 | 706.3 | 701.8 | 697.2 | 696.0 | 595.4 | 461.1 | 394.0 | 332.4 |
| 110° | 711.9 | 716.8 | 736.5 | 756.2 | 736.5 | 716.8 | 711.9 | 599.3 | 449.2 | 374.3 | 318.6 |



TEST NUMBER: P934120

CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 112.5° | 701.8 | 709.4 | 739.6 | 769.8 | 739.6 | 709.4 | 701.8 | 586.6 | 433.0 | 356.3 | 306.7 |
| 115° | 667.6 | 678.1 | 720.1 | 761.9 | 720.1 | 678.1 | 667.6 | 556.6 | 408.6 | 334.6 | 292.9 |
| 117.5° | 620.3 | 631.9 | 678.5 | 725.0 | 678.5 | 631.9 | 620.3 | 520.1 | 386.6 | 319.8 | 284.3 |
| 120° | 588.4 | 599.6 | 644.9 | 690.1 | 644.9 | 599.6 | 588.4 | 496.9 | 374.8 | 313.9 | 281.5 |
| 122.5° | 556.5 | 567.7 | 612.3 | 656.8 | 612.3 | 567.7 | 556.5 | 474.1 | 364.3 | 309.3 | 279.9 |
| 125° | 514.4 | 524.6 | 565.7 | 606.8 | 565.7 | 524.6 | 514.4 | 444.4 | 351.0 | 304.4 | 278.7 |
| 127.5° | 480.6 | 489.3 | 523.8 | 558.5 | 523.8 | 489.3 | 480.6 | 420.5 | 340.4 | 300.3 | 277.9 |
| 130° | 459.1 | 467.1 | 499.1 | 531.1 | 499.1 | 467.1 | 459.1 | 405.7 | 334.3 | 298.7 | 278.4 |
| 132.5° | 440.9 | 448.2 | 476.8 | 505.5 | 476.8 | 448.2 | 440.9 | 393.0 | 329.2 | 297.3 | 278.7 |
| 135° | 415.3 | 421.4 | 446.1 | 470.8 | 446.1 | 421.4 | 415.3 | 375.1 | 321.7 | 294.9 | 278.4 |
| 137.5° | 396.2 | 401.2 | 421.5 | 441.7 | 421.5 | 401.2 | 396.2 | 362.3 | 317.1 | 294.5 | 280.1 |
| 140° | 381.0 | 385.7 | 404.6 | 423.6 | 404.6 | 385.7 | 381.0 | 351.7 | 312.7 | 293.1 | 280.4 |
| 142.5° | 370.3 | 374.4 | 390.7 | 406.9 | 390.7 | 374.4 | 370.3 | 344.6 | 310.3 | 293.1 | 281.5 |
| 145° | 354.3 | 357.4 | 369.7 | 382.0 | 369.7 | 357.4 | 354.3 | 333.3 | 305.2 | 291.2 | 281.5 |
| 147.5° | 340.8 | 343.3 | 353.5 | 363.8 | 353.5 | 343.3 | 340.8 | 324.3 | 302.2 | 291.2 | 283.4 |
| 150° | 333.1 | 335.1 | 343.4 | 351.7 | 343.4 | 335.1 | 333.1 | 319.1 | 300.5 | 291.2 | 284.3 |
| 152.5° | 326.9 | 328.5 | 334.7 | 341.0 | 334.7 | 328.5 | 326.9 | 315.0 | 299.1 | 291.2 | 285.0 |
| 155° | 319.6 | 320.6 | 324.8 | 328.9 | 324.8 | 320.6 | 319.6 | 310.1 | 297.5 | 291.2 | 286.5 |
| 157.5° | 313.3 | 314.0 | 317.0 | 319.8 | 317.0 | 314.0 | 313.3 | 305.9 | 296.1 | 291.2 | 287.9 |
| 160° | 310.1 | 310.5 | 312.2 | 313.9 | 312.2 | 310.5 | 310.1 | 303.8 | 295.4 | 291.2 | 288.6 |
| 162.5° | 307.2 | 307.6 | 309.1 | 310.7 | 309.1 | 307.6 | 307.2 | 301.8 | 294.7 | 291.2 | 289.3 |
| 165° | 302.6 | 303.0 | 304.7 | 306.4 | 304.7 | 303.0 | 302.6 | 298.8 | 293.7 | 291.2 | 290.4 |
| 167.5° | 300.6 | 300.8 | 301.5 | 302.2 | 301.5 | 300.8 | 300.6 | 298.2 | 294.8 | 293.1 | 292.4 |
| 170° | 300.6 | 300.6 | 300.6 | 300.6 | 300.6 | 300.6 | 300.6 | 298.2 | 294.8 | 293.1 | 293.1 |
| 172.5° | 299.1 | 298.9 | 298.3 | 297.7 | 298.3 | 298.9 | 299.1 | 297.1 | 294.4 | 293.1 | 293.1 |
| 175° | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 295.6 | 293.9 | 293.1 | 293.5 |
| 177.5° | 296.5 | 296.3 | 295.6 | 294.9 | 295.6 | 296.3 | 296.5 | 295.5 | 294.2 | 293.5 | 293.8 |
| 180° | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 |



TEST NUMBER: P934120

CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 3534.3 | 3534.3 | 3534.3 | 3534.3 | 3534.3 |
| 2.5° | 3490.8 | 3507.5 | 3517.6 | 3530.9 | 3564.3 |
| 5° | 3357.0 | 3420.6 | 3440.6 | 3490.8 | 3551.0 |
| 7.5° | 3062.8 | 3256.7 | 3310.2 | 3430.6 | 3524.2 |
| 10° | 2778.6 | 2972.5 | 3066.2 | 3350.3 | 3490.8 |
| 12.5° | 2634.8 | 2748.5 | 2812.0 | 3209.9 | 3444.0 |
| 15° | 2544.5 | 2624.8 | 2671.6 | 3022.7 | 3390.5 |
| 17.5° | 2474.3 | 2531.2 | 2564.6 | 2838.8 | 3316.9 |
| 20° | 2430.9 | 2457.6 | 2487.7 | 2705.0 | 3233.3 |
| 22.5° | 2400.7 | 2384.0 | 2407.5 | 2611.4 | 3119.6 |
| 25° | 2380.7 | 2317.2 | 2343.9 | 2537.9 | 2985.9 |
| 27.5° | 2397.4 | 2257.0 | 2267.0 | 2471.0 | 2845.4 |
| 30° | 2400.7 | 2183.4 | 2186.7 | 2400.7 | 2688.3 |
| 32.5° | 2377.3 | 2106.5 | 2109.9 | 2313.8 | 2511.1 |
| 35° | 2320.5 | 2016.2 | 2012.9 | 2213.5 | 2270.3 |
| 37.5° | 2243.6 | 1919.3 | 1919.3 | 2103.2 | 2006.2 |
| 40° | 2150.0 | 1822.3 | 1832.3 | 1959.4 | 1772.2 |
| 42.5° | 2036.3 | 1718.6 | 1732.1 | 1768.8 | 1598.3 |
| 45° | 1912.6 | 1618.3 | 1628.3 | 1494.6 | 1464.5 |
| 47.5° | 1775.5 | 1514.7 | 1518.1 | 1240.5 | 1421.0 |
| 50° | 1611.6 | 1407.7 | 1394.3 | 1063.3 | 1417.7 |
| 52.5° | 1467.9 | 1290.6 | 1250.5 | 963.0 | 1287.3 |
| 55° | 1327.5 | 1166.9 | 1080.0 | 886.0 | 1193.7 |
| 57.5° | 1203.7 | 1006.5 | 922.9 | 795.8 | 1173.6 |
| 60° | 1090.1 | 849.3 | 785.8 | 698.8 | 1076.6 |
| 62.5° | 996.4 | 732.3 | 718.9 | 631.9 | 976.3 |
| 65° | 896.1 | 652.0 | 648.6 | 575.1 | 829.2 |
| 67.5° | 799.1 | 598.5 | 595.2 | 521.6 | 631.9 |
| 70° | 695.5 | 541.7 | 535.0 | 464.8 | 468.1 |
| 72.5° | 588.5 | 478.2 | 471.5 | 417.9 | 387.9 |
| 75° | 481.5 | 404.6 | 401.2 | 364.5 | 314.3 |
| 77.5° | 377.8 | 321.0 | 327.7 | 294.2 | 230.7 |
| 80° | 270.8 | 234.1 | 240.8 | 210.6 | 173.9 |
| 82.5° | 180.6 | 153.8 | 160.5 | 133.8 | 117.0 |
| 85° | 100.3 | 86.9 | 90.3 | 70.2 | 53.5 |
| 87.5° | 46.8 | 40.1 | 40.1 | 26.8 | 16.7 |
| 90° | 8.7 | 5.5 | 5.1 | 3.6 | 2.0 |
| 92.5° | 53.7 | 38.2 | 34.9 | 21.3 | 7.9 |
| 95° | 132.1 | 74.4 | 68.3 | 43.6 | 19.0 |
| 97.5° | 177.9 | 81.7 | 76.3 | 54.6 | 32.9 |
| 100° | 194.6 | 87.8 | 82.9 | 63.2 | 43.6 |
| 102.5° | 202.3 | 94.0 | 89.4 | 71.0 | 52.7 |
| 105° | 208.1 | 103.1 | 99.3 | 83.7 | 68.1 |
| 107.5° | 209.1 | 116.6 | 112.9 | 98.4 | 83.9 |
| 110° | 207.5 | 124.1 | 120.8 | 107.7 | 94.7 |



TEST NUMBER: P934120

CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 207.6 | 133.2 | 130.0 | 117.6 | 105.1 |
| 115° | 209.5 | 146.8 | 144.0 | 132.4 | 120.9 |
| 117.5° | 213.4 | 160.2 | 157.5 | 147.0 | 136.5 |
| 120° | 216.6 | 167.9 | 165.4 | 155.5 | 145.6 |
| 122.5° | 221.1 | 177.0 | 174.5 | 164.5 | 154.5 |
| 125° | 227.2 | 188.6 | 186.3 | 177.3 | 168.3 |
| 127.5° | 233.4 | 199.9 | 197.6 | 188.4 | 179.3 |
| 130° | 237.8 | 207.4 | 204.9 | 195.1 | 185.2 |
| 132.5° | 241.5 | 213.5 | 211.0 | 201.3 | 191.4 |
| 135° | 245.4 | 220.7 | 218.4 | 209.5 | 200.5 |
| 137.5° | 251.3 | 229.8 | 227.5 | 218.6 | 209.8 |
| 140° | 255.0 | 235.9 | 233.9 | 225.7 | 217.5 |
| 142.5° | 258.1 | 240.5 | 238.6 | 231.0 | 223.5 |
| 145° | 262.0 | 247.4 | 245.7 | 239.2 | 232.6 |
| 147.5° | 267.7 | 256.1 | 254.5 | 248.1 | 241.7 |
| 150° | 270.8 | 260.6 | 259.2 | 253.4 | 247.6 |
| 152.5° | 272.8 | 263.6 | 262.5 | 258.1 | 253.7 |
| 155° | 277.1 | 270.1 | 269.3 | 266.1 | 262.8 |
| 157.5° | 281.5 | 276.6 | 275.8 | 272.7 | 269.5 |
| 160° | 283.5 | 279.6 | 279.0 | 276.5 | 274.1 |
| 162.5° | 285.5 | 282.8 | 282.3 | 280.5 | 278.6 |
| 165° | 288.7 | 287.4 | 287.0 | 285.3 | 283.7 |
| 167.5° | 291.1 | 290.0 | 289.8 | 289.0 | 288.2 |
| 170° | 293.0 | 292.9 | 292.7 | 292.0 | 291.2 |
| 172.5° | 293.1 | 293.1 | 293.1 | 292.9 | 292.7 |
| 175° | 294.3 | 294.9 | 294.9 | 294.9 | 294.9 |
| 177.5° | 294.4 | 294.9 | 294.9 | 294.9 | 294.9 |
| 180° | 294.9 | 294.9 | 294.9 | 294.9 | 294.9 |



TEST NUMBER: P934120
 CATALOG NUMBER: SQ4-FA-025U-125D-840-1D-UNV-STD-W-8

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 17.14 | 18.40 | 17.75 | 19.02 | 19.73 | 19.97 | 21.23 | 20.59 | 21.86 | 22.57 |
| | 3H | 17.64 | 18.77 | 18.27 | 19.41 | 20.16 | 21.35 | 22.48 | 21.98 | 23.12 | 23.87 |
| | 4H | 17.85 | 18.92 | 18.50 | 19.57 | 20.33 | 21.81 | 22.88 | 22.46 | 23.53 | 24.29 |
| | 6H | 17.99 | 18.98 | 18.65 | 19.64 | 20.41 | 22.12 | 23.11 | 22.78 | 23.77 | 24.54 |
| | 8H | 18.00 | 18.94 | 18.68 | 19.62 | 20.40 | 22.21 | 23.15 | 22.88 | 23.83 | 24.61 |
| | 12H | 17.99 | 18.88 | 18.67 | 19.56 | 20.36 | 22.26 | 23.16 | 22.94 | 23.83 | 24.64 |
| 4H | 2H | 18.22 | 19.28 | 18.87 | 19.93 | 20.69 | 20.43 | 21.50 | 21.08 | 22.15 | 22.91 |
| | 3H | 19.28 | 20.17 | 19.94 | 20.86 | 21.64 | 21.97 | 22.86 | 22.64 | 23.55 | 24.33 |
| | 4H | 19.57 | 20.38 | 20.25 | 21.07 | 21.88 | 22.52 | 23.33 | 23.20 | 24.02 | 24.83 |
| | 6H | 19.72 | 20.42 | 20.42 | 21.14 | 21.96 | 22.91 | 23.61 | 23.61 | 24.33 | 25.15 |
| | 8H | 19.74 | 20.39 | 20.44 | 21.10 | 21.94 | 23.03 | 23.68 | 23.73 | 24.39 | 25.23 |
| | 12H | 19.72 | 20.31 | 20.45 | 21.05 | 21.89 | 23.10 | 23.69 | 23.83 | 24.43 | 25.27 |
| 8H | 4H | 20.06 | 20.71 | 20.77 | 21.43 | 22.26 | 22.68 | 23.33 | 23.38 | 24.04 | 24.88 |
| | 6H | 20.34 | 20.88 | 21.07 | 21.64 | 22.47 | 23.13 | 23.67 | 23.87 | 24.43 | 25.27 |
| | 8H | 20.38 | 20.87 | 21.13 | 21.63 | 22.48 | 23.29 | 23.77 | 24.04 | 24.53 | 25.38 |
| | 12H | 20.39 | 20.81 | 21.14 | 21.56 | 22.47 | 23.41 | 23.83 | 24.16 | 24.58 | 25.49 |
| 12H | 4H | 20.08 | 20.67 | 20.81 | 21.41 | 22.25 | 22.66 | 23.25 | 23.39 | 23.99 | 24.82 |
| | 6H | 20.40 | 20.89 | 21.15 | 21.65 | 22.50 | 23.13 | 23.62 | 23.88 | 24.37 | 25.23 |
| | 8H | 20.49 | 20.91 | 21.24 | 21.66 | 22.57 | 23.31 | 23.74 | 24.06 | 24.49 | 25.40 |