

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: P934722

Luminaire Tested: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934722
REPORT IS A COMBINATION OF REPORTS P933710 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

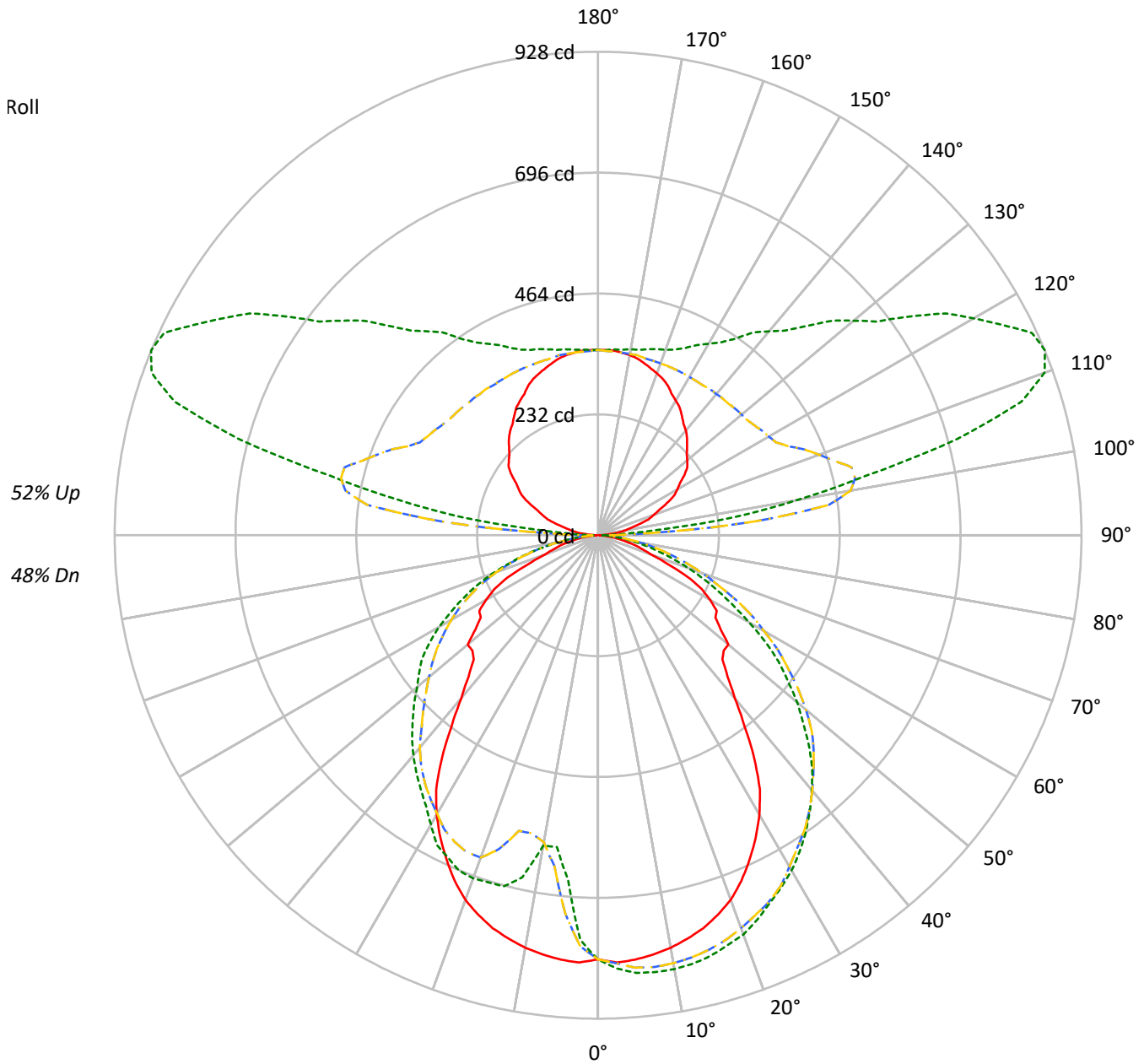
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4417.5 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 42.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P934722
CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

Luminous Intensity Polar Plot



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



TEST NUMBER: P934722

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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 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 | 48 | 48 | 48 | 48 |
| 1 | 97 | 93 | 89 | 86 | 89 | 86 | 82 | 79 | 72 | 70 | 68 | 60 | 58 | 56 | 48 | 47 | 46 | 40 | 40 | 40 | 40 |
| 2 | 89 | 81 | 75 | 70 | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 40 | 39 | 34 | 34 | 34 | 34 |
| 3 | 81 | 71 | 64 | 58 | 74 | 66 | 60 | 54 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 29 | 29 | 29 | 29 |
| 4 | 74 | 63 | 55 | 49 | 68 | 58 | 52 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 31 | 28 | 25 | 25 | 25 | 25 |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 37 | 33 | 29 | 30 | 27 | 25 | 21 | 21 | 21 | 21 |
| 6 | 62 | 50 | 42 | 37 | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 | 19 | 19 | 19 | 19 |
| 7 | 58 | 45 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 19 | 17 | 17 | 17 | 17 |
| 8 | 54 | 41 | 33 | 28 | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 | 15 | 15 | 15 | 15 |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 15 | 13 | 13 | 13 | 13 |
| 10 | 46 | 34 | 27 | 22 | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 | 12 | 12 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 7553 | 7553 | 7553 | 7553 |
| 5° | 7601 | 7625 | 7601 | 5995 |
| 10° | 7542 | 7511 | 7542 | 5369 |
| 15° | 7452 | 7348 | 7452 | 6136 |
| 20° | 7287 | 7155 | 7287 | 6149 |
| 25° | 6960 | 6874 | 6960 | 6018 |
| 30° | 6540 | 6640 | 6540 | 5732 |
| 35° | 5821 | 6345 | 5821 | 5417 |
| 40° | 4843 | 5998 | 4843 | 5180 |
| 45° | 4318 | 5591 | 4318 | 4907 |
| 50° | 4578 | 5105 | 4578 | 4633 |
| 55° | 4296 | 4583 | 4296 | 4475 |
| 60° | 4410 | 3892 | 4410 | 4098 |
| 65° | 3980 | 3217 | 3980 | 3597 |
| 70° | 2737 | 2563 | 2737 | 3015 |
| 75° | 2374 | 1895 | 2374 | 2270 |
| 80° | 1872 | 1253 | 1872 | 1365 |
| 85° | 1019 | 664 | 1019 | 565 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 6631 cd/sqm



TEST NUMBER: P934722

CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 73.5 | 1.7 |
| 10°-20° | 208.6 | 4.7 |
| 20°-30° | 322.5 | 7.3 |
| 30°-40° | 385.0 | 8.7 |
| 40°-50° | 387.3 | 8.8 |
| 50°-60° | 337.0 | 7.6 |
| 60°-70° | 238.9 | 5.4 |
| 70°-80° | 126.4 | 2.9 |
| 80°-90° | 32.8 | 0.7 |
| 90°-100° | 173.4 | 3.9 |
| 100°-110° | 455.8 | 10.3 |
| 110°-120° | 472.6 | 10.7 |
| 120°-130° | 379.1 | 8.6 |
| 130°-140° | 297.5 | 6.7 |
| 140°-150° | 228.3 | 5.2 |
| 150°-160° | 164.4 | 3.7 |
| 160°-170° | 100.6 | 2.3 |
| 170°-180° | 34.0 | 0.8 |
| 0°-30° | 604.6 | 13.7 |
| 0°-40° | 989.6 | 22.4 |
| 0°-60° | 1713.8 | 38.8 |
| 0°-90° | 2111.9 | 47.8 |
| 90°-120° | 1101.7 | 24.9 |
| 90°-150° | 2006.6 | 45.4 |
| 90°-180° | 2306.0 | 52.2 |
| 0°-180° | 4417.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 814 | 814 | 814 | 814 | 814 | |
| 5° | 818 | 843 | 818 | 663 | 818 | 78 |
| 15° | 781 | 836 | 781 | 698 | 781 | 220 |
| 25° | 688 | 779 | 688 | 682 | 688 | 316 |
| 35° | 523 | 695 | 523 | 594 | 523 | 324 |
| 45° | 337 | 573 | 337 | 503 | 337 | 270 |
| 55° | 275 | 423 | 275 | 413 | 275 | 253 |
| 65° | 191 | 255 | 191 | 285 | 191 | 182 |
| 75° | 72 | 121 | 72 | 145 | 72 | 76 |
| 85° | 12 | 31 | 12 | 26 | 12 | 17 |
| 90° | 2 | 9 | 2 | 9 | 2 | 2 |
| 95° | 23 | 105 | 23 | 105 | 23 | 25 |
| 105° | 82 | 714 | 82 | 714 | 82 | 87 |
| 115° | 146 | 919 | 146 | 919 | 146 | 144 |
| 125° | 203 | 732 | 203 | 732 | 203 | 180 |
| 135° | 242 | 568 | 242 | 568 | 242 | 187 |
| 145° | 280 | 461 | 280 | 461 | 280 | 176 |
| 155° | 317 | 397 | 317 | 397 | 317 | 146 |
| 165° | 342 | 370 | 342 | 370 | 342 | 97 |
| 175° | 356 | 358 | 356 | 358 | 356 | 34 |
| 180° | 356 | 356 | 356 | 356 | 356 | |



TEST NUMBER: P934722
 CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 |
| 2.5° | 820.9 | 820.9 | 825.6 | 827.1 | 827.1 | 824.8 | 822.5 | 824.8 | 831.8 | 834.1 | 833.3 |
| 5° | 817.8 | 824.1 | 832.5 | 834.1 | 835.6 | 834.8 | 833.3 | 834.8 | 842.5 | 844.1 | 844.8 |
| 7.5° | 811.7 | 823.3 | 834.1 | 836.4 | 838.7 | 836.4 | 835.6 | 837.1 | 844.8 | 846.4 | 846.4 |
| 10° | 804.0 | 820.1 | 832.5 | 834.1 | 836.4 | 834.1 | 834.1 | 837.1 | 844.8 | 846.4 | 847.2 |
| 12.5° | 793.2 | 815.5 | 827.1 | 828.7 | 831.8 | 831.0 | 830.2 | 833.3 | 841.0 | 842.5 | 842.5 |
| 15° | 780.9 | 807.0 | 817.8 | 819.4 | 824.8 | 823.3 | 823.3 | 826.4 | 834.8 | 837.1 | 836.4 |
| 17.5° | 763.9 | 796.3 | 808.6 | 810.9 | 814.7 | 814.0 | 814.7 | 817.8 | 825.6 | 827.1 | 827.9 |
| 20° | 744.7 | 781.6 | 796.3 | 798.6 | 802.4 | 802.4 | 802.4 | 806.3 | 814.0 | 817.0 | 817.0 |
| 22.5° | 718.5 | 766.2 | 781.6 | 783.2 | 787.8 | 787.8 | 789.3 | 794.7 | 801.6 | 802.4 | 802.4 |
| 25° | 687.7 | 749.3 | 762.4 | 767.0 | 771.6 | 773.9 | 776.2 | 779.3 | 781.6 | 780.9 | 781.6 |
| 27.5° | 655.3 | 727.7 | 744.7 | 747.7 | 753.9 | 756.2 | 759.3 | 760.1 | 760.8 | 763.1 | 761.6 |
| 30° | 619.2 | 697.7 | 723.1 | 726.2 | 736.2 | 737.7 | 734.7 | 736.2 | 740.0 | 741.6 | 743.1 |
| 32.5° | 578.3 | 653.0 | 700.8 | 707.7 | 716.9 | 712.3 | 711.6 | 713.9 | 720.0 | 720.0 | 721.6 |
| 35° | 522.9 | 618.4 | 680.0 | 686.1 | 693.1 | 687.7 | 690.8 | 691.5 | 695.4 | 697.7 | 696.9 |
| 37.5° | 462.1 | 588.4 | 658.4 | 663.0 | 668.4 | 661.5 | 666.1 | 668.4 | 671.5 | 670.0 | 670.0 |
| 40° | 408.2 | 541.4 | 633.0 | 636.1 | 640.7 | 635.3 | 639.9 | 641.5 | 643.0 | 641.5 | 640.7 |
| 42.5° | 368.1 | 489.8 | 606.1 | 609.9 | 606.8 | 610.7 | 612.2 | 615.3 | 613.0 | 609.9 | 609.9 |
| 45° | 337.3 | 475.9 | 576.8 | 581.4 | 576.8 | 583.0 | 585.3 | 585.3 | 578.3 | 576.8 | 576.0 |
| 47.5° | 327.3 | 448.2 | 547.5 | 547.5 | 545.2 | 552.9 | 556.8 | 551.4 | 544.5 | 542.2 | 542.2 |
| 50° | 326.6 | 417.4 | 507.5 | 504.4 | 515.2 | 524.4 | 520.6 | 515.2 | 509.8 | 501.3 | 501.3 |
| 52.5° | 296.5 | 379.7 | 455.9 | 467.5 | 484.4 | 489.8 | 483.6 | 478.2 | 469.0 | 465.2 | 462.1 |
| 55° | 275.0 | 340.4 | 408.9 | 432.0 | 449.8 | 456.7 | 445.1 | 439.7 | 425.9 | 423.6 | 422.0 |
| 57.5° | 270.3 | 283.4 | 365.8 | 395.1 | 416.6 | 415.9 | 408.9 | 398.9 | 387.4 | 385.1 | 384.3 |
| 60° | 247.9 | 204.8 | 319.6 | 354.3 | 376.6 | 374.3 | 368.1 | 358.9 | 348.1 | 346.6 | 345.0 |
| 62.5° | 224.8 | 148.6 | 267.2 | 306.5 | 338.1 | 337.3 | 331.9 | 318.1 | 310.4 | 306.5 | 303.5 |
| 65° | 191.0 | 124.7 | 190.2 | 254.9 | 300.4 | 301.9 | 290.4 | 280.4 | 271.8 | 267.2 | 266.4 |
| 67.5° | 145.5 | 101.6 | 128.6 | 212.5 | 264.1 | 262.6 | 247.9 | 243.3 | 232.5 | 230.2 | 225.6 |
| 70° | 107.8 | 67.8 | 89.3 | 172.5 | 228.7 | 224.8 | 213.3 | 207.9 | 197.9 | 192.5 | 189.4 |
| 72.5° | 89.3 | 54.7 | 65.4 | 134.0 | 192.5 | 187.9 | 177.9 | 171.7 | 163.2 | 158.6 | 155.5 |
| 75° | 72.4 | 57.8 | 50.1 | 99.3 | 156.3 | 153.2 | 144.0 | 137.8 | 130.9 | 124.7 | 125.5 |
| 77.5° | 53.1 | 53.9 | 40.0 | 73.2 | 124.0 | 119.4 | 114.0 | 106.3 | 103.2 | 97.0 | 97.0 |
| 80° | 40.0 | 42.4 | 30.0 | 50.1 | 89.3 | 89.3 | 84.7 | 79.3 | 73.9 | 70.8 | 70.8 |
| 82.5° | 27.0 | 27.0 | 22.3 | 31.6 | 60.8 | 58.5 | 55.4 | 53.9 | 50.8 | 49.3 | 49.3 |
| 85° | 12.3 | 15.4 | 13.9 | 19.2 | 33.1 | 34.6 | 34.6 | 33.1 | 32.3 | 30.8 | 31.6 |
| 87.5° | 3.8 | 6.9 | 8.5 | 10.8 | 16.9 | 17.7 | 18.5 | 18.5 | 18.5 | 19.2 | 19.2 |
| 90° | 2.4 | 4.3 | 6.2 | 6.7 | 10.5 | 15.6 | 18.2 | 16.2 | 12.1 | 9.1 | 9.1 |
| 92.5° | 9.5 | 25.8 | 42.0 | 46.0 | 64.8 | 89.7 | 102.2 | 89.6 | 64.3 | 45.4 | 43.6 |
| 95° | 22.9 | 52.7 | 82.4 | 89.8 | 159.4 | 252.2 | 298.6 | 266.4 | 202.1 | 153.9 | 148.5 |
| 97.5° | 39.7 | 65.8 | 92.0 | 98.6 | 214.7 | 369.4 | 446.8 | 426.5 | 385.9 | 355.4 | 345.0 |
| 100° | 52.5 | 76.2 | 100.0 | 106.0 | 234.8 | 406.6 | 492.4 | 493.9 | 496.9 | 499.1 | 486.7 |
| 102.5° | 63.5 | 85.7 | 107.8 | 113.3 | 244.0 | 418.3 | 505.4 | 531.2 | 583.0 | 621.8 | 611.1 |
| 105° | 82.1 | 100.9 | 119.7 | 124.4 | 250.9 | 419.6 | 503.9 | 561.9 | 678.0 | 765.0 | 759.3 |
| 107.5° | 101.2 | 118.7 | 136.2 | 140.6 | 252.2 | 400.9 | 475.2 | 556.2 | 718.0 | 839.5 | 840.8 |
| 110° | 114.1 | 129.9 | 145.8 | 149.7 | 250.2 | 384.3 | 451.4 | 541.8 | 722.8 | 858.6 | 864.5 |



TEST NUMBER: P934722

CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 126.7 | 141.8 | 156.8 | 160.6 | 250.3 | 369.9 | 429.7 | 522.3 | 707.5 | 846.4 | 855.5 |
| 115° | 145.8 | 159.7 | 173.6 | 177.1 | 252.6 | 353.3 | 403.6 | 492.9 | 671.3 | 805.1 | 817.7 |
| 117.5° | 164.7 | 177.3 | 190.0 | 193.1 | 257.3 | 342.9 | 385.7 | 466.2 | 627.2 | 748.1 | 762.1 |
| 120° | 175.7 | 187.6 | 199.4 | 202.4 | 261.1 | 339.4 | 378.5 | 452.1 | 599.3 | 709.6 | 723.3 |
| 122.5° | 186.4 | 198.4 | 210.4 | 213.4 | 266.6 | 337.6 | 373.1 | 439.3 | 571.8 | 671.2 | 684.7 |
| 125° | 202.9 | 213.8 | 224.8 | 227.5 | 274.0 | 336.1 | 367.1 | 423.4 | 536.0 | 620.4 | 632.8 |
| 127.5° | 216.3 | 227.3 | 238.3 | 241.1 | 281.4 | 335.3 | 362.1 | 410.5 | 507.1 | 579.6 | 590.1 |
| 130° | 223.5 | 235.3 | 247.2 | 250.2 | 286.8 | 335.7 | 360.2 | 403.2 | 489.3 | 553.8 | 563.4 |
| 132.5° | 230.8 | 242.7 | 254.6 | 257.6 | 291.2 | 336.1 | 358.5 | 397.0 | 474.1 | 531.8 | 540.5 |
| 135° | 241.8 | 252.6 | 263.4 | 266.1 | 296.0 | 335.8 | 355.7 | 387.9 | 452.5 | 500.8 | 508.3 |
| 137.5° | 253.0 | 263.7 | 274.4 | 277.1 | 303.1 | 337.9 | 355.2 | 382.5 | 437.0 | 477.9 | 483.9 |
| 140° | 262.3 | 272.2 | 282.1 | 284.5 | 307.5 | 338.2 | 353.5 | 377.1 | 424.1 | 459.5 | 465.2 |
| 142.5° | 269.5 | 278.6 | 287.7 | 290.0 | 311.2 | 339.4 | 353.5 | 374.2 | 415.6 | 446.6 | 451.5 |
| 145° | 280.4 | 288.4 | 296.4 | 298.4 | 315.9 | 339.4 | 351.1 | 368.1 | 401.9 | 427.3 | 431.0 |
| 147.5° | 291.4 | 299.1 | 306.9 | 308.8 | 322.9 | 341.7 | 351.1 | 364.4 | 391.1 | 411.0 | 414.1 |
| 150° | 298.6 | 305.6 | 312.6 | 314.4 | 326.6 | 343.0 | 351.1 | 362.4 | 384.8 | 401.7 | 404.2 |
| 152.5° | 306.0 | 311.3 | 316.6 | 317.9 | 329.0 | 343.7 | 351.1 | 360.7 | 379.9 | 394.3 | 396.2 |
| 155° | 317.0 | 320.9 | 324.8 | 325.8 | 334.3 | 345.5 | 351.1 | 358.7 | 374.0 | 385.5 | 386.7 |
| 157.5° | 325.1 | 328.9 | 332.8 | 333.7 | 339.5 | 347.3 | 351.1 | 357.0 | 368.9 | 377.8 | 378.7 |
| 160° | 330.6 | 333.6 | 336.5 | 337.3 | 341.9 | 348.0 | 351.1 | 356.2 | 366.4 | 374.1 | 374.5 |
| 162.5° | 336.1 | 338.3 | 340.6 | 341.1 | 344.4 | 348.9 | 351.1 | 355.4 | 364.0 | 370.4 | 370.9 |
| 165° | 342.0 | 344.0 | 346.0 | 346.6 | 348.1 | 350.1 | 351.1 | 354.2 | 360.4 | 365.0 | 365.5 |
| 167.5° | 347.5 | 348.4 | 349.4 | 349.7 | 351.0 | 352.7 | 353.5 | 355.5 | 359.6 | 362.6 | 362.8 |
| 170° | 351.1 | 352.0 | 353.0 | 353.3 | 353.4 | 353.4 | 353.5 | 355.5 | 359.6 | 362.6 | 362.6 |
| 172.5° | 353.0 | 353.3 | 353.4 | 353.5 | 353.5 | 353.5 | 353.5 | 355.1 | 358.3 | 360.7 | 360.5 |
| 175° | 355.7 | 355.7 | 355.7 | 355.7 | 355.0 | 354.0 | 353.5 | 354.5 | 356.5 | 358.0 | 358.0 |
| 177.5° | 355.7 | 355.7 | 355.7 | 355.7 | 355.1 | 354.4 | 354.0 | 354.7 | 356.4 | 357.6 | 357.4 |
| 180° | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 |



TEST NUMBER: P934722
 CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 0° | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 |
| 2.5° | 834.8 | 832.5 | 834.8 | 833.3 | 834.1 | 831.8 | 824.8 | 822.5 | 824.8 | 827.1 | 827.1 |
| 5° | 844.8 | 843.3 | 844.8 | 844.8 | 844.1 | 842.5 | 834.8 | 833.3 | 834.8 | 835.6 | 834.1 |
| 7.5° | 847.9 | 845.6 | 847.9 | 846.4 | 846.4 | 844.8 | 837.1 | 835.6 | 836.4 | 838.7 | 836.4 |
| 10° | 847.9 | 845.6 | 847.9 | 847.2 | 846.4 | 844.8 | 837.1 | 834.1 | 834.1 | 836.4 | 834.1 |
| 12.5° | 844.1 | 842.5 | 844.1 | 842.5 | 842.5 | 841.0 | 833.3 | 830.2 | 831.0 | 831.8 | 828.7 |
| 15° | 837.9 | 835.6 | 837.9 | 836.4 | 837.1 | 834.8 | 826.4 | 823.3 | 823.3 | 824.8 | 819.4 |
| 17.5° | 828.7 | 825.6 | 828.7 | 827.9 | 827.1 | 825.6 | 817.8 | 814.7 | 814.0 | 814.7 | 810.9 |
| 20° | 817.8 | 815.5 | 817.8 | 817.0 | 817.0 | 814.0 | 806.3 | 802.4 | 802.4 | 802.4 | 798.6 |
| 22.5° | 800.9 | 798.6 | 800.9 | 802.4 | 802.4 | 801.6 | 794.7 | 789.3 | 787.8 | 787.8 | 783.2 |
| 25° | 781.6 | 779.3 | 781.6 | 781.6 | 780.9 | 781.6 | 779.3 | 776.2 | 773.9 | 771.6 | 767.0 |
| 27.5° | 763.1 | 761.6 | 763.1 | 761.6 | 763.1 | 760.8 | 760.1 | 759.3 | 756.2 | 753.9 | 747.7 |
| 30° | 744.7 | 743.1 | 744.7 | 743.1 | 741.6 | 740.0 | 736.2 | 734.7 | 737.7 | 736.2 | 726.2 |
| 32.5° | 721.6 | 720.0 | 721.6 | 721.6 | 720.0 | 720.0 | 713.9 | 711.6 | 712.3 | 716.9 | 707.7 |
| 35° | 697.7 | 695.4 | 697.7 | 696.9 | 697.7 | 695.4 | 691.5 | 690.8 | 687.7 | 693.1 | 686.1 |
| 37.5° | 670.0 | 667.7 | 670.0 | 670.0 | 670.0 | 671.5 | 668.4 | 666.1 | 661.5 | 668.4 | 663.0 |
| 40° | 641.5 | 638.4 | 641.5 | 640.7 | 641.5 | 643.0 | 641.5 | 639.9 | 635.3 | 640.7 | 636.1 |
| 42.5° | 609.1 | 608.4 | 609.1 | 609.9 | 609.9 | 613.0 | 615.3 | 612.2 | 610.7 | 606.8 | 609.9 |
| 45° | 574.5 | 573.0 | 574.5 | 576.0 | 576.8 | 578.3 | 585.3 | 585.3 | 583.0 | 576.8 | 581.4 |
| 47.5° | 537.5 | 533.7 | 537.5 | 542.2 | 542.2 | 544.5 | 551.4 | 556.8 | 552.9 | 545.2 | 547.5 |
| 50° | 498.3 | 499.0 | 498.3 | 501.3 | 501.3 | 509.8 | 515.2 | 520.6 | 524.4 | 515.2 | 504.4 |
| 52.5° | 459.8 | 459.0 | 459.8 | 462.1 | 465.2 | 469.0 | 478.2 | 483.6 | 489.8 | 484.4 | 467.5 |
| 55° | 421.3 | 422.8 | 421.3 | 422.0 | 423.6 | 425.9 | 439.7 | 445.1 | 456.7 | 449.8 | 432.0 |
| 57.5° | 382.8 | 380.5 | 382.8 | 384.3 | 385.1 | 387.4 | 398.9 | 408.9 | 415.9 | 416.6 | 395.1 |
| 60° | 338.1 | 335.0 | 338.1 | 345.0 | 346.6 | 348.1 | 358.9 | 368.1 | 374.3 | 376.6 | 354.3 |
| 62.5° | 298.8 | 293.4 | 298.8 | 303.5 | 306.5 | 310.4 | 318.1 | 331.9 | 337.3 | 338.1 | 306.5 |
| 65° | 257.2 | 254.9 | 257.2 | 266.4 | 267.2 | 271.8 | 280.4 | 290.4 | 301.9 | 300.4 | 254.9 |
| 67.5° | 219.4 | 219.4 | 219.4 | 225.6 | 230.2 | 232.5 | 243.3 | 247.9 | 262.6 | 264.1 | 212.5 |
| 70° | 184.8 | 184.0 | 184.8 | 189.4 | 192.5 | 197.9 | 207.9 | 213.3 | 224.8 | 228.7 | 172.5 |
| 72.5° | 151.7 | 150.9 | 151.7 | 155.5 | 158.6 | 163.2 | 171.7 | 177.9 | 187.9 | 192.5 | 134.0 |
| 75° | 122.4 | 120.9 | 122.4 | 125.5 | 124.7 | 130.9 | 137.8 | 144.0 | 153.2 | 156.3 | 99.3 |
| 77.5° | 93.9 | 93.9 | 93.9 | 97.0 | 97.0 | 103.2 | 106.3 | 114.0 | 119.4 | 124.0 | 73.2 |
| 80° | 70.1 | 69.3 | 70.1 | 70.8 | 70.8 | 73.9 | 79.3 | 84.7 | 89.3 | 89.3 | 50.1 |
| 82.5° | 49.3 | 47.7 | 49.3 | 49.3 | 49.3 | 50.8 | 53.9 | 55.4 | 58.5 | 60.8 | 31.6 |
| 85° | 30.8 | 30.8 | 30.8 | 31.6 | 30.8 | 32.3 | 33.1 | 34.6 | 34.6 | 33.1 | 19.2 |
| 87.5° | 20.0 | 19.2 | 20.0 | 19.2 | 19.2 | 18.5 | 18.5 | 18.5 | 17.7 | 16.9 | 10.8 |
| 90° | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 12.1 | 16.2 | 18.2 | 15.6 | 10.5 | 6.7 |
| 92.5° | 36.3 | 29.1 | 36.3 | 43.6 | 45.4 | 64.3 | 89.6 | 102.2 | 89.7 | 64.8 | 46.0 |
| 95° | 126.7 | 104.8 | 126.7 | 148.5 | 153.9 | 202.1 | 266.4 | 298.6 | 252.2 | 159.4 | 89.8 |
| 97.5° | 303.5 | 261.9 | 303.5 | 345.0 | 355.4 | 385.9 | 426.5 | 446.8 | 369.4 | 214.7 | 98.6 |
| 100° | 437.2 | 387.6 | 437.2 | 486.7 | 499.1 | 496.9 | 493.9 | 492.4 | 406.6 | 234.8 | 106.0 |
| 102.5° | 568.7 | 526.3 | 568.7 | 611.1 | 621.8 | 583.0 | 531.2 | 505.4 | 418.3 | 244.0 | 113.3 |
| 105° | 736.5 | 713.7 | 736.5 | 759.3 | 765.0 | 678.0 | 561.9 | 503.9 | 419.6 | 250.9 | 124.4 |
| 107.5° | 846.4 | 851.9 | 846.4 | 840.8 | 839.5 | 718.0 | 556.2 | 475.2 | 400.9 | 252.2 | 140.6 |
| 110° | 888.3 | 912.1 | 888.3 | 864.5 | 858.6 | 722.8 | 541.8 | 451.4 | 384.3 | 250.2 | 149.7 |



TEST NUMBER: P934722

CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 892.0 | 928.5 | 892.0 | 855.5 | 846.4 | 707.5 | 522.3 | 429.7 | 369.9 | 250.3 | 160.6 |
| 115° | 868.4 | 919.0 | 868.4 | 817.7 | 805.1 | 671.3 | 492.9 | 403.6 | 353.3 | 252.6 | 177.1 |
| 117.5° | 818.2 | 874.3 | 818.2 | 762.1 | 748.1 | 627.2 | 466.2 | 385.7 | 342.9 | 257.3 | 193.1 |
| 120° | 777.8 | 832.3 | 777.8 | 723.3 | 709.6 | 599.3 | 452.1 | 378.5 | 339.4 | 261.1 | 202.4 |
| 122.5° | 738.4 | 792.3 | 738.4 | 684.7 | 671.2 | 571.8 | 439.3 | 373.1 | 337.6 | 266.6 | 213.4 |
| 125° | 682.3 | 731.8 | 682.3 | 632.8 | 620.4 | 536.0 | 423.4 | 367.1 | 336.1 | 274.0 | 227.5 |
| 127.5° | 631.8 | 673.6 | 631.8 | 590.1 | 579.6 | 507.1 | 410.5 | 362.1 | 335.3 | 281.4 | 241.1 |
| 130° | 602.1 | 640.6 | 602.1 | 563.4 | 553.8 | 489.3 | 403.2 | 360.2 | 335.7 | 286.8 | 250.2 |
| 132.5° | 575.0 | 609.6 | 575.0 | 540.5 | 531.8 | 474.1 | 397.0 | 358.5 | 336.1 | 291.2 | 257.6 |
| 135° | 538.1 | 567.9 | 538.1 | 508.3 | 500.8 | 452.5 | 387.9 | 355.7 | 335.8 | 296.0 | 266.1 |
| 137.5° | 508.4 | 532.8 | 508.4 | 483.9 | 477.9 | 437.0 | 382.5 | 355.2 | 337.9 | 303.1 | 277.1 |
| 140° | 488.0 | 510.8 | 488.0 | 465.2 | 459.5 | 424.1 | 377.1 | 353.5 | 338.2 | 307.5 | 284.5 |
| 142.5° | 471.1 | 490.7 | 471.1 | 451.5 | 446.6 | 415.6 | 374.2 | 353.5 | 339.4 | 311.2 | 290.0 |
| 145° | 445.8 | 460.7 | 445.8 | 431.0 | 427.3 | 401.9 | 368.1 | 351.1 | 339.4 | 315.9 | 298.4 |
| 147.5° | 426.4 | 438.7 | 426.4 | 414.1 | 411.0 | 391.1 | 364.4 | 351.1 | 341.7 | 322.9 | 308.8 |
| 150° | 414.2 | 424.2 | 414.2 | 404.2 | 401.7 | 384.8 | 362.4 | 351.1 | 343.0 | 326.6 | 314.4 |
| 152.5° | 403.7 | 411.3 | 403.7 | 396.2 | 394.3 | 379.9 | 360.7 | 351.1 | 343.7 | 329.0 | 317.9 |
| 155° | 391.7 | 396.7 | 391.7 | 386.7 | 385.5 | 374.0 | 358.7 | 351.1 | 345.5 | 334.3 | 325.8 |
| 157.5° | 382.2 | 385.7 | 382.2 | 378.7 | 377.8 | 368.9 | 357.0 | 351.1 | 347.3 | 339.5 | 333.7 |
| 160° | 376.5 | 378.5 | 376.5 | 374.5 | 374.1 | 366.4 | 356.2 | 351.1 | 348.0 | 341.9 | 337.3 |
| 162.5° | 372.8 | 374.8 | 372.8 | 370.9 | 370.4 | 364.0 | 355.4 | 351.1 | 348.9 | 344.4 | 341.1 |
| 165° | 367.5 | 369.5 | 367.5 | 365.5 | 365.0 | 360.4 | 354.2 | 351.1 | 350.1 | 348.1 | 346.6 |
| 167.5° | 363.7 | 364.5 | 363.7 | 362.8 | 362.6 | 359.6 | 355.5 | 353.5 | 352.7 | 351.0 | 349.7 |
| 170° | 362.6 | 362.6 | 362.6 | 362.6 | 362.6 | 359.6 | 355.5 | 353.5 | 353.4 | 353.4 | 353.3 |
| 172.5° | 359.7 | 359.0 | 359.7 | 360.5 | 360.7 | 358.3 | 355.1 | 353.5 | 353.5 | 353.5 | 353.5 |
| 175° | 358.0 | 358.0 | 358.0 | 358.0 | 358.0 | 356.5 | 354.5 | 353.5 | 354.0 | 355.0 | 355.7 |
| 177.5° | 356.5 | 355.7 | 356.5 | 357.4 | 357.6 | 356.4 | 354.7 | 354.0 | 354.4 | 355.1 | 355.7 |
| 180° | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 |



TEST NUMBER: P934722
 CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 |
| 2.5° | 825.6 | 820.9 | 820.9 | 813.2 | 810.1 | 807.8 | 804.0 | 792.4 | 789.3 | 786.2 | 790.9 |
| 5° | 832.5 | 824.1 | 817.8 | 804.0 | 792.4 | 787.8 | 773.2 | 745.4 | 727.0 | 713.1 | 705.4 |
| 7.5° | 834.1 | 823.3 | 811.7 | 790.1 | 762.4 | 750.1 | 705.4 | 654.6 | 640.7 | 628.4 | 620.7 |
| 10° | 832.5 | 820.1 | 804.0 | 771.6 | 706.2 | 684.6 | 639.9 | 606.8 | 598.4 | 596.1 | 598.4 |
| 12.5° | 827.1 | 815.5 | 793.2 | 739.3 | 647.6 | 633.0 | 606.8 | 587.6 | 586.0 | 589.9 | 610.7 |
| 15° | 817.8 | 807.0 | 780.9 | 696.2 | 615.3 | 604.5 | 586.0 | 579.1 | 587.6 | 614.5 | 676.9 |
| 17.5° | 808.6 | 796.3 | 763.9 | 653.8 | 590.7 | 583.0 | 569.9 | 583.7 | 631.5 | 667.7 | 688.5 |
| 20° | 796.3 | 781.6 | 744.7 | 623.0 | 573.0 | 566.0 | 559.9 | 622.2 | 658.4 | 671.5 | 683.1 |
| 22.5° | 781.6 | 766.2 | 718.5 | 601.4 | 554.5 | 549.1 | 552.9 | 643.8 | 658.4 | 667.7 | 677.7 |
| 25° | 762.4 | 749.3 | 687.7 | 584.5 | 539.8 | 533.7 | 548.3 | 641.5 | 650.0 | 652.3 | 672.3 |
| 27.5° | 744.7 | 727.7 | 655.3 | 569.1 | 522.1 | 519.8 | 552.2 | 631.5 | 637.6 | 639.9 | 661.5 |
| 30° | 723.1 | 697.7 | 619.2 | 552.9 | 503.7 | 502.9 | 552.9 | 619.2 | 617.6 | 623.8 | 645.3 |
| 32.5° | 700.8 | 653.0 | 578.3 | 532.9 | 485.9 | 485.2 | 547.5 | 600.7 | 599.1 | 607.6 | 623.8 |
| 35° | 680.0 | 618.4 | 522.9 | 509.8 | 463.6 | 464.4 | 534.5 | 579.1 | 579.9 | 587.6 | 597.6 |
| 37.5° | 658.4 | 588.4 | 462.1 | 484.4 | 442.1 | 442.1 | 516.7 | 559.1 | 557.6 | 559.9 | 573.7 |
| 40° | 633.0 | 541.4 | 408.2 | 451.3 | 422.0 | 419.7 | 495.2 | 537.5 | 532.1 | 531.4 | 550.6 |
| 42.5° | 606.1 | 489.8 | 368.1 | 407.4 | 398.9 | 395.9 | 469.0 | 511.4 | 501.3 | 503.7 | 528.3 |
| 45° | 576.8 | 475.9 | 337.3 | 344.3 | 375.1 | 372.8 | 440.5 | 481.3 | 474.4 | 480.6 | 506.0 |
| 47.5° | 547.5 | 448.2 | 327.3 | 285.7 | 349.7 | 348.9 | 408.9 | 452.1 | 448.2 | 454.4 | 481.3 |
| 50° | 507.5 | 417.4 | 326.6 | 244.9 | 321.2 | 324.2 | 371.2 | 423.6 | 423.6 | 429.0 | 457.5 |
| 52.5° | 455.9 | 379.7 | 296.5 | 221.8 | 288.1 | 297.3 | 338.1 | 398.9 | 400.5 | 405.9 | 431.3 |
| 55° | 408.9 | 340.4 | 275.0 | 204.0 | 248.7 | 268.7 | 305.8 | 373.5 | 376.6 | 382.0 | 405.1 |
| 57.5° | 365.8 | 283.4 | 270.3 | 183.3 | 212.5 | 231.8 | 277.3 | 348.9 | 350.4 | 355.0 | 377.4 |
| 60° | 319.6 | 204.8 | 247.9 | 160.9 | 181.0 | 195.6 | 251.0 | 319.6 | 325.0 | 328.1 | 347.3 |
| 62.5° | 267.2 | 148.6 | 224.8 | 145.5 | 165.6 | 168.6 | 229.5 | 291.9 | 298.8 | 301.1 | 312.7 |
| 65° | 190.2 | 124.7 | 191.0 | 132.4 | 149.4 | 150.2 | 206.4 | 263.3 | 269.5 | 273.4 | 281.9 |
| 67.5° | 128.6 | 101.6 | 145.5 | 120.1 | 137.1 | 137.8 | 184.0 | 230.2 | 238.7 | 241.8 | 247.2 |
| 70° | 89.3 | 67.8 | 107.8 | 107.0 | 123.2 | 124.7 | 160.2 | 200.2 | 207.9 | 210.2 | 213.3 |
| 72.5° | 65.4 | 54.7 | 89.3 | 96.2 | 108.6 | 110.1 | 135.5 | 166.3 | 174.0 | 176.3 | 177.9 |
| 75° | 50.1 | 57.8 | 72.4 | 83.9 | 92.4 | 93.2 | 110.9 | 135.5 | 140.9 | 142.5 | 143.2 |
| 77.5° | 40.0 | 53.9 | 53.1 | 67.8 | 75.5 | 73.9 | 87.0 | 104.7 | 109.3 | 109.3 | 109.3 |
| 80° | 30.0 | 42.4 | 40.0 | 48.5 | 55.4 | 53.9 | 62.4 | 74.7 | 76.2 | 77.8 | 77.0 |
| 82.5° | 22.3 | 27.0 | 27.0 | 30.8 | 37.0 | 35.4 | 41.6 | 48.5 | 48.5 | 48.5 | 50.1 |
| 85° | 13.9 | 15.4 | 12.3 | 16.2 | 20.8 | 20.0 | 23.1 | 26.2 | 27.0 | 27.0 | 25.4 |
| 87.5° | 8.5 | 6.9 | 3.8 | 6.2 | 9.2 | 9.2 | 10.8 | 11.6 | 10.8 | 10.8 | 10.8 |
| 90° | 6.2 | 4.3 | 2.4 | 4.3 | 6.2 | 6.7 | 10.5 | 15.6 | 18.2 | 16.2 | 12.1 |
| 92.5° | 42.0 | 25.8 | 9.5 | 25.8 | 42.0 | 46.0 | 64.8 | 89.7 | 102.2 | 89.6 | 64.3 |
| 95° | 82.4 | 52.7 | 22.9 | 52.7 | 82.4 | 89.8 | 159.4 | 252.2 | 298.6 | 266.4 | 202.1 |
| 97.5° | 92.0 | 65.8 | 39.7 | 65.8 | 92.0 | 98.6 | 214.7 | 369.4 | 446.8 | 426.5 | 385.9 |
| 100° | 100.0 | 76.2 | 52.5 | 76.2 | 100.0 | 106.0 | 234.8 | 406.6 | 492.4 | 493.9 | 496.9 |
| 102.5° | 107.8 | 85.7 | 63.5 | 85.7 | 107.8 | 113.3 | 244.0 | 418.3 | 505.4 | 531.2 | 583.0 |
| 105° | 119.7 | 100.9 | 82.1 | 100.9 | 119.7 | 124.4 | 250.9 | 419.6 | 503.9 | 561.9 | 678.0 |
| 107.5° | 136.2 | 118.7 | 101.2 | 118.7 | 136.2 | 140.6 | 252.2 | 400.9 | 475.2 | 556.2 | 718.0 |
| 110° | 145.8 | 129.9 | 114.1 | 129.9 | 145.8 | 149.7 | 250.2 | 384.3 | 451.4 | 541.8 | 722.8 |



TEST NUMBER: P934722

CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 156.8 | 141.8 | 126.7 | 141.8 | 156.8 | 160.6 | 250.3 | 369.9 | 429.7 | 522.3 | 707.5 |
| 115° | 173.6 | 159.7 | 145.8 | 159.7 | 173.6 | 177.1 | 252.6 | 353.3 | 403.6 | 492.9 | 671.3 |
| 117.5° | 190.0 | 177.3 | 164.7 | 177.3 | 190.0 | 193.1 | 257.3 | 342.9 | 385.7 | 466.2 | 627.2 |
| 120° | 199.4 | 187.6 | 175.7 | 187.6 | 199.4 | 202.4 | 261.1 | 339.4 | 378.5 | 452.1 | 599.3 |
| 122.5° | 210.4 | 198.4 | 186.4 | 198.4 | 210.4 | 213.4 | 266.6 | 337.6 | 373.1 | 439.3 | 571.8 |
| 125° | 224.8 | 213.8 | 202.9 | 213.8 | 224.8 | 227.5 | 274.0 | 336.1 | 367.1 | 423.4 | 536.0 |
| 127.5° | 238.3 | 227.3 | 216.3 | 227.3 | 238.3 | 241.1 | 281.4 | 335.3 | 362.1 | 410.5 | 507.1 |
| 130° | 247.2 | 235.3 | 223.5 | 235.3 | 247.2 | 250.2 | 286.8 | 335.7 | 360.2 | 403.2 | 489.3 |
| 132.5° | 254.6 | 242.7 | 230.8 | 242.7 | 254.6 | 257.6 | 291.2 | 336.1 | 358.5 | 397.0 | 474.1 |
| 135° | 263.4 | 252.6 | 241.8 | 252.6 | 263.4 | 266.1 | 296.0 | 335.8 | 355.7 | 387.9 | 452.5 |
| 137.5° | 274.4 | 263.7 | 253.0 | 263.7 | 274.4 | 277.1 | 303.1 | 337.9 | 355.2 | 382.5 | 437.0 |
| 140° | 282.1 | 272.2 | 262.3 | 272.2 | 282.1 | 284.5 | 307.5 | 338.2 | 353.5 | 377.1 | 424.1 |
| 142.5° | 287.7 | 278.6 | 269.5 | 278.6 | 287.7 | 290.0 | 311.2 | 339.4 | 353.5 | 374.2 | 415.6 |
| 145° | 296.4 | 288.4 | 280.4 | 288.4 | 296.4 | 298.4 | 315.9 | 339.4 | 351.1 | 368.1 | 401.9 |
| 147.5° | 306.9 | 299.1 | 291.4 | 299.1 | 306.9 | 308.8 | 322.9 | 341.7 | 351.1 | 364.4 | 391.1 |
| 150° | 312.6 | 305.6 | 298.6 | 305.6 | 312.6 | 314.4 | 326.6 | 343.0 | 351.1 | 362.4 | 384.8 |
| 152.5° | 316.6 | 311.3 | 306.0 | 311.3 | 316.6 | 317.9 | 329.0 | 343.7 | 351.1 | 360.7 | 379.9 |
| 155° | 324.8 | 320.9 | 317.0 | 320.9 | 324.8 | 325.8 | 334.3 | 345.5 | 351.1 | 358.7 | 374.0 |
| 157.5° | 332.8 | 328.9 | 325.1 | 328.9 | 332.8 | 333.7 | 339.5 | 347.3 | 351.1 | 357.0 | 368.9 |
| 160° | 336.5 | 333.6 | 330.6 | 333.6 | 336.5 | 337.3 | 341.9 | 348.0 | 351.1 | 356.2 | 366.4 |
| 162.5° | 340.6 | 338.3 | 336.1 | 338.3 | 340.6 | 341.1 | 344.4 | 348.9 | 351.1 | 355.4 | 364.0 |
| 165° | 346.0 | 344.0 | 342.0 | 344.0 | 346.0 | 346.6 | 348.1 | 350.1 | 351.1 | 354.2 | 360.4 |
| 167.5° | 349.4 | 348.4 | 347.5 | 348.4 | 349.4 | 349.7 | 351.0 | 352.7 | 353.5 | 355.5 | 359.6 |
| 170° | 353.0 | 352.0 | 351.1 | 352.0 | 353.0 | 353.3 | 353.4 | 353.4 | 353.5 | 355.5 | 359.6 |
| 172.5° | 353.4 | 353.3 | 353.0 | 353.3 | 353.4 | 353.5 | 353.5 | 353.5 | 353.5 | 355.1 | 358.3 |
| 175° | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.0 | 354.0 | 353.5 | 354.5 | 356.5 |
| 177.5° | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.1 | 354.4 | 354.0 | 354.7 | 356.4 |
| 180° | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 |



TEST NUMBER: P934722

CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 0° | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 |
| 2.5° | 785.5 | 783.2 | 786.2 | 777.8 | 786.2 | 783.2 | 785.5 | 790.9 | 786.2 | 789.3 | 792.4 |
| 5° | 689.2 | 685.4 | 673.1 | 663.0 | 673.1 | 685.4 | 689.2 | 705.4 | 713.1 | 727.0 | 745.4 |
| 7.5° | 616.1 | 613.0 | 609.9 | 603.8 | 609.9 | 613.0 | 616.1 | 620.7 | 628.4 | 640.7 | 654.6 |
| 10° | 599.9 | 600.7 | 605.3 | 604.5 | 605.3 | 600.7 | 599.9 | 598.4 | 596.1 | 598.4 | 606.8 |
| 12.5° | 641.5 | 648.4 | 673.8 | 672.3 | 673.8 | 648.4 | 641.5 | 610.7 | 589.9 | 586.0 | 587.6 |
| 15° | 689.2 | 691.5 | 696.9 | 697.7 | 696.9 | 691.5 | 689.2 | 676.9 | 614.5 | 587.6 | 579.1 |
| 17.5° | 693.8 | 694.6 | 698.5 | 698.5 | 698.5 | 694.6 | 693.8 | 688.5 | 667.7 | 631.5 | 583.7 |
| 20° | 690.0 | 691.5 | 699.2 | 700.8 | 699.2 | 691.5 | 690.0 | 683.1 | 671.5 | 658.4 | 622.2 |
| 22.5° | 688.5 | 691.5 | 697.7 | 696.9 | 697.7 | 691.5 | 688.5 | 677.7 | 667.7 | 658.4 | 643.8 |
| 25° | 680.8 | 680.8 | 681.5 | 682.3 | 681.5 | 680.8 | 680.8 | 672.3 | 652.3 | 650.0 | 641.5 |
| 27.5° | 664.6 | 666.1 | 670.7 | 670.0 | 670.7 | 666.1 | 664.6 | 661.5 | 639.9 | 637.6 | 631.5 |
| 30° | 650.0 | 648.4 | 644.6 | 641.5 | 644.6 | 648.4 | 650.0 | 645.3 | 623.8 | 617.6 | 619.2 |
| 32.5° | 625.3 | 621.5 | 617.6 | 615.3 | 617.6 | 621.5 | 625.3 | 623.8 | 607.6 | 599.1 | 600.7 |
| 35° | 596.1 | 596.8 | 596.1 | 593.7 | 596.1 | 596.8 | 596.1 | 597.6 | 587.6 | 579.9 | 579.1 |
| 37.5° | 575.3 | 576.8 | 576.0 | 573.0 | 576.0 | 576.8 | 575.3 | 573.7 | 559.9 | 557.6 | 559.1 |
| 40° | 553.7 | 554.5 | 553.7 | 551.4 | 553.7 | 554.5 | 553.7 | 550.6 | 531.4 | 532.1 | 537.5 |
| 42.5° | 532.9 | 532.1 | 529.8 | 528.3 | 529.8 | 532.1 | 532.9 | 528.3 | 503.7 | 501.3 | 511.4 |
| 45° | 509.0 | 509.8 | 505.2 | 502.9 | 505.2 | 509.8 | 509.0 | 506.0 | 480.6 | 474.4 | 481.3 |
| 47.5° | 485.2 | 485.2 | 481.3 | 479.0 | 481.3 | 485.2 | 485.2 | 481.3 | 454.4 | 448.2 | 452.1 |
| 50° | 459.8 | 459.0 | 453.6 | 452.8 | 453.6 | 459.0 | 459.8 | 457.5 | 429.0 | 423.6 | 423.6 |
| 52.5° | 430.5 | 430.5 | 431.3 | 432.8 | 431.3 | 430.5 | 430.5 | 431.3 | 405.9 | 400.5 | 398.9 |
| 55° | 405.1 | 405.9 | 411.3 | 412.8 | 411.3 | 405.9 | 405.1 | 405.1 | 382.0 | 376.6 | 373.5 |
| 57.5° | 378.9 | 378.9 | 382.8 | 382.8 | 382.8 | 378.9 | 378.9 | 377.4 | 355.0 | 350.4 | 348.9 |
| 60° | 348.9 | 350.4 | 353.5 | 352.7 | 353.5 | 350.4 | 348.9 | 347.3 | 328.1 | 325.0 | 319.6 |
| 62.5° | 317.3 | 318.9 | 319.6 | 318.1 | 319.6 | 318.9 | 317.3 | 312.7 | 301.1 | 298.8 | 291.9 |
| 65° | 284.2 | 285.7 | 286.5 | 285.0 | 286.5 | 285.7 | 284.2 | 281.9 | 273.4 | 269.5 | 263.3 |
| 67.5° | 250.2 | 249.5 | 248.7 | 251.8 | 248.7 | 249.5 | 250.2 | 247.2 | 241.8 | 238.7 | 230.2 |
| 70° | 215.6 | 215.6 | 214.8 | 216.4 | 214.8 | 215.6 | 215.6 | 213.3 | 210.2 | 207.9 | 200.2 |
| 72.5° | 178.6 | 177.9 | 181.0 | 178.6 | 181.0 | 177.9 | 178.6 | 177.9 | 176.3 | 174.0 | 166.3 |
| 75° | 142.5 | 144.0 | 142.5 | 144.8 | 142.5 | 144.0 | 142.5 | 143.2 | 142.5 | 140.9 | 135.5 |
| 77.5° | 108.6 | 110.1 | 108.6 | 108.6 | 108.6 | 110.1 | 108.6 | 109.3 | 109.3 | 109.3 | 104.7 |
| 80° | 77.0 | 76.2 | 76.2 | 75.5 | 76.2 | 76.2 | 77.0 | 77.0 | 77.8 | 76.2 | 74.7 |
| 82.5° | 49.3 | 48.5 | 48.5 | 50.1 | 48.5 | 48.5 | 49.3 | 50.1 | 48.5 | 48.5 | 48.5 |
| 85° | 27.0 | 27.7 | 26.2 | 26.2 | 26.2 | 27.7 | 27.0 | 25.4 | 27.0 | 27.0 | 26.2 |
| 87.5° | 10.0 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 10.0 | 10.8 | 10.8 | 10.8 | 11.6 |
| 90° | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 12.1 | 16.2 | 18.2 | 15.6 |
| 92.5° | 45.4 | 43.6 | 36.3 | 29.1 | 36.3 | 43.6 | 45.4 | 64.3 | 89.6 | 102.2 | 89.7 |
| 95° | 153.9 | 148.5 | 126.7 | 104.8 | 126.7 | 148.5 | 153.9 | 202.1 | 266.4 | 298.6 | 252.2 |
| 97.5° | 355.4 | 345.0 | 303.5 | 261.9 | 303.5 | 345.0 | 355.4 | 385.9 | 426.5 | 446.8 | 369.4 |
| 100° | 499.1 | 486.7 | 437.2 | 387.6 | 437.2 | 486.7 | 499.1 | 496.9 | 493.9 | 492.4 | 406.6 |
| 102.5° | 621.8 | 611.1 | 568.7 | 526.3 | 568.7 | 611.1 | 621.8 | 583.0 | 531.2 | 505.4 | 418.3 |
| 105° | 765.0 | 759.3 | 736.5 | 713.7 | 736.5 | 759.3 | 765.0 | 678.0 | 561.9 | 503.9 | 419.6 |
| 107.5° | 839.5 | 840.8 | 846.4 | 851.9 | 846.4 | 840.8 | 839.5 | 718.0 | 556.2 | 475.2 | 400.9 |
| 110° | 858.6 | 864.5 | 888.3 | 912.1 | 888.3 | 864.5 | 858.6 | 722.8 | 541.8 | 451.4 | 384.3 |



TEST NUMBER: P934722

CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 112.5° | 846.4 | 855.5 | 892.0 | 928.5 | 892.0 | 855.5 | 846.4 | 707.5 | 522.3 | 429.7 | 369.9 |
| 115° | 805.1 | 817.7 | 868.4 | 919.0 | 868.4 | 817.7 | 805.1 | 671.3 | 492.9 | 403.6 | 353.3 |
| 117.5° | 748.1 | 762.1 | 818.2 | 874.3 | 818.2 | 762.1 | 748.1 | 627.2 | 466.2 | 385.7 | 342.9 |
| 120° | 709.6 | 723.3 | 777.8 | 832.3 | 777.8 | 723.3 | 709.6 | 599.3 | 452.1 | 378.5 | 339.4 |
| 122.5° | 671.2 | 684.7 | 738.4 | 792.3 | 738.4 | 684.7 | 671.2 | 571.8 | 439.3 | 373.1 | 337.6 |
| 125° | 620.4 | 632.8 | 682.3 | 731.8 | 682.3 | 632.8 | 620.4 | 536.0 | 423.4 | 367.1 | 336.1 |
| 127.5° | 579.6 | 590.1 | 631.8 | 673.6 | 631.8 | 590.1 | 579.6 | 507.1 | 410.5 | 362.1 | 335.3 |
| 130° | 553.8 | 563.4 | 602.1 | 640.6 | 602.1 | 563.4 | 553.8 | 489.3 | 403.2 | 360.2 | 335.7 |
| 132.5° | 531.8 | 540.5 | 575.0 | 609.6 | 575.0 | 540.5 | 531.8 | 474.1 | 397.0 | 358.5 | 336.1 |
| 135° | 500.8 | 508.3 | 538.1 | 567.9 | 538.1 | 508.3 | 500.8 | 452.5 | 387.9 | 355.7 | 335.8 |
| 137.5° | 477.9 | 483.9 | 508.4 | 532.8 | 508.4 | 483.9 | 477.9 | 437.0 | 382.5 | 355.2 | 337.9 |
| 140° | 459.5 | 465.2 | 488.0 | 510.8 | 488.0 | 465.2 | 459.5 | 424.1 | 377.1 | 353.5 | 338.2 |
| 142.5° | 446.6 | 451.5 | 471.1 | 490.7 | 471.1 | 451.5 | 446.6 | 415.6 | 374.2 | 353.5 | 339.4 |
| 145° | 427.3 | 431.0 | 445.8 | 460.7 | 445.8 | 431.0 | 427.3 | 401.9 | 368.1 | 351.1 | 339.4 |
| 147.5° | 411.0 | 414.1 | 426.4 | 438.7 | 426.4 | 414.1 | 411.0 | 391.1 | 364.4 | 351.1 | 341.7 |
| 150° | 401.7 | 404.2 | 414.2 | 424.2 | 414.2 | 404.2 | 401.7 | 384.8 | 362.4 | 351.1 | 343.0 |
| 152.5° | 394.3 | 396.2 | 403.7 | 411.3 | 403.7 | 396.2 | 394.3 | 379.9 | 360.7 | 351.1 | 343.7 |
| 155° | 385.5 | 386.7 | 391.7 | 396.7 | 391.7 | 386.7 | 385.5 | 374.0 | 358.7 | 351.1 | 345.5 |
| 157.5° | 377.8 | 378.7 | 382.2 | 385.7 | 382.2 | 378.7 | 377.8 | 368.9 | 357.0 | 351.1 | 347.3 |
| 160° | 374.1 | 374.5 | 376.5 | 378.5 | 376.5 | 374.5 | 374.1 | 366.4 | 356.2 | 351.1 | 348.0 |
| 162.5° | 370.4 | 370.9 | 372.8 | 374.8 | 372.8 | 370.9 | 370.4 | 364.0 | 355.4 | 351.1 | 348.9 |
| 165° | 365.0 | 365.5 | 367.5 | 369.5 | 367.5 | 365.5 | 365.0 | 360.4 | 354.2 | 351.1 | 350.1 |
| 167.5° | 362.6 | 362.8 | 363.7 | 364.5 | 363.7 | 362.8 | 362.6 | 359.6 | 355.5 | 353.5 | 352.7 |
| 170° | 362.6 | 362.6 | 362.6 | 362.6 | 362.6 | 362.6 | 362.6 | 359.6 | 355.5 | 353.5 | 353.4 |
| 172.5° | 360.7 | 360.5 | 359.7 | 359.0 | 359.7 | 360.5 | 360.7 | 358.3 | 355.1 | 353.5 | 353.5 |
| 175° | 358.0 | 358.0 | 358.0 | 358.0 | 358.0 | 358.0 | 358.0 | 356.5 | 354.5 | 353.5 | 354.0 |
| 177.5° | 357.6 | 357.4 | 356.5 | 355.7 | 356.5 | 357.4 | 357.6 | 356.4 | 354.7 | 354.0 | 354.4 |
| 180° | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 |



TEST NUMBER: P934722

CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 0° | 814.0 | 814.0 | 814.0 | 814.0 | 814.0 |
| 2.5° | 804.0 | 807.8 | 810.1 | 813.2 | 820.9 |
| 5° | 773.2 | 787.8 | 792.4 | 804.0 | 817.8 |
| 7.5° | 705.4 | 750.1 | 762.4 | 790.1 | 811.7 |
| 10° | 639.9 | 684.6 | 706.2 | 771.6 | 804.0 |
| 12.5° | 606.8 | 633.0 | 647.6 | 739.3 | 793.2 |
| 15° | 586.0 | 604.5 | 615.3 | 696.2 | 780.9 |
| 17.5° | 569.9 | 583.0 | 590.7 | 653.8 | 763.9 |
| 20° | 559.9 | 566.0 | 573.0 | 623.0 | 744.7 |
| 22.5° | 552.9 | 549.1 | 554.5 | 601.4 | 718.5 |
| 25° | 548.3 | 533.7 | 539.8 | 584.5 | 687.7 |
| 27.5° | 552.2 | 519.8 | 522.1 | 569.1 | 655.3 |
| 30° | 552.9 | 502.9 | 503.7 | 552.9 | 619.2 |
| 32.5° | 547.5 | 485.2 | 485.9 | 532.9 | 578.3 |
| 35° | 534.5 | 464.4 | 463.6 | 509.8 | 522.9 |
| 37.5° | 516.7 | 442.1 | 442.1 | 484.4 | 462.1 |
| 40° | 495.2 | 419.7 | 422.0 | 451.3 | 408.2 |
| 42.5° | 469.0 | 395.9 | 398.9 | 407.4 | 368.1 |
| 45° | 440.5 | 372.8 | 375.1 | 344.3 | 337.3 |
| 47.5° | 408.9 | 348.9 | 349.7 | 285.7 | 327.3 |
| 50° | 371.2 | 324.2 | 321.2 | 244.9 | 326.6 |
| 52.5° | 338.1 | 297.3 | 288.1 | 221.8 | 296.5 |
| 55° | 305.8 | 268.7 | 248.7 | 204.0 | 275.0 |
| 57.5° | 277.3 | 231.8 | 212.5 | 183.3 | 270.3 |
| 60° | 251.0 | 195.6 | 181.0 | 160.9 | 247.9 |
| 62.5° | 229.5 | 168.6 | 165.6 | 145.5 | 224.8 |
| 65° | 206.4 | 150.2 | 149.4 | 132.4 | 191.0 |
| 67.5° | 184.0 | 137.8 | 137.1 | 120.1 | 145.5 |
| 70° | 160.2 | 124.7 | 123.2 | 107.0 | 107.8 |
| 72.5° | 135.5 | 110.1 | 108.6 | 96.2 | 89.3 |
| 75° | 110.9 | 93.2 | 92.4 | 83.9 | 72.4 |
| 77.5° | 87.0 | 73.9 | 75.5 | 67.8 | 53.1 |
| 80° | 62.4 | 53.9 | 55.4 | 48.5 | 40.0 |
| 82.5° | 41.6 | 35.4 | 37.0 | 30.8 | 27.0 |
| 85° | 23.1 | 20.0 | 20.8 | 16.2 | 12.3 |
| 87.5° | 10.8 | 9.2 | 9.2 | 6.2 | 3.8 |
| 90° | 10.5 | 6.7 | 6.2 | 4.3 | 2.4 |
| 92.5° | 64.8 | 46.0 | 42.0 | 25.8 | 9.5 |
| 95° | 159.4 | 89.8 | 82.4 | 52.7 | 22.9 |
| 97.5° | 214.7 | 98.6 | 92.0 | 65.8 | 39.7 |
| 100° | 234.8 | 106.0 | 100.0 | 76.2 | 52.5 |
| 102.5° | 244.0 | 113.3 | 107.8 | 85.7 | 63.5 |
| 105° | 250.9 | 124.4 | 119.7 | 100.9 | 82.1 |
| 107.5° | 252.2 | 140.6 | 136.2 | 118.7 | 101.2 |
| 110° | 250.2 | 149.7 | 145.8 | 129.9 | 114.1 |



TEST NUMBER: P934722

CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 250.3 | 160.6 | 156.8 | 141.8 | 126.7 |
| 115° | 252.6 | 177.1 | 173.6 | 159.7 | 145.8 |
| 117.5° | 257.3 | 193.1 | 190.0 | 177.3 | 164.7 |
| 120° | 261.1 | 202.4 | 199.4 | 187.6 | 175.7 |
| 122.5° | 266.6 | 213.4 | 210.4 | 198.4 | 186.4 |
| 125° | 274.0 | 227.5 | 224.8 | 213.8 | 202.9 |
| 127.5° | 281.4 | 241.1 | 238.3 | 227.3 | 216.3 |
| 130° | 286.8 | 250.2 | 247.2 | 235.3 | 223.5 |
| 132.5° | 291.2 | 257.6 | 254.6 | 242.7 | 230.8 |
| 135° | 296.0 | 266.1 | 263.4 | 252.6 | 241.8 |
| 137.5° | 303.1 | 277.1 | 274.4 | 263.7 | 253.0 |
| 140° | 307.5 | 284.5 | 282.1 | 272.2 | 262.3 |
| 142.5° | 311.2 | 290.0 | 287.7 | 278.6 | 269.5 |
| 145° | 315.9 | 298.4 | 296.4 | 288.4 | 280.4 |
| 147.5° | 322.9 | 308.8 | 306.9 | 299.1 | 291.4 |
| 150° | 326.6 | 314.4 | 312.6 | 305.6 | 298.6 |
| 152.5° | 329.0 | 317.9 | 316.6 | 311.3 | 306.0 |
| 155° | 334.3 | 325.8 | 324.8 | 320.9 | 317.0 |
| 157.5° | 339.5 | 333.7 | 332.8 | 328.9 | 325.1 |
| 160° | 341.9 | 337.3 | 336.5 | 333.6 | 330.6 |
| 162.5° | 344.4 | 341.1 | 340.6 | 338.3 | 336.1 |
| 165° | 348.1 | 346.6 | 346.0 | 344.0 | 342.0 |
| 167.5° | 351.0 | 349.7 | 349.4 | 348.4 | 347.5 |
| 170° | 353.4 | 353.3 | 353.0 | 352.0 | 351.1 |
| 172.5° | 353.5 | 353.5 | 353.4 | 353.3 | 353.0 |
| 175° | 355.0 | 355.7 | 355.7 | 355.7 | 355.7 |
| 177.5° | 355.1 | 355.7 | 355.7 | 355.7 | 355.7 |
| 180° | 355.7 | 355.7 | 355.7 | 355.7 | 355.7 |



TEST NUMBER: P934722
 CATALOG NUMBER: SQ4-FA-075U-075D-927-1D-UNV-STD-W-4

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 | 11.61 | 12.45 | 12.59 | 13.44 | 14.75 | 14.41 | 15.25 | 15.39 | 16.24 | 17.54 |
| | 3H | 12.09 | 12.84 | 13.07 | 13.84 | 15.16 | 15.74 | 16.50 | 16.73 | 17.50 | 18.82 |
| | 4H | 12.28 | 12.99 | 13.28 | 13.99 | 15.33 | 16.18 | 16.89 | 17.18 | 17.90 | 19.23 |
| | 6H | 12.40 | 13.05 | 13.41 | 14.06 | 15.40 | 16.46 | 17.11 | 17.47 | 18.12 | 19.46 |
| | 8H | 12.40 | 13.02 | 13.41 | 14.05 | 15.39 | 16.53 | 17.15 | 17.54 | 18.17 | 19.52 |
| | 12H | 12.37 | 12.96 | 13.39 | 13.98 | 15.35 | 16.56 | 17.15 | 17.58 | 18.17 | 19.54 |
| 4H | 2H | 12.63 | 13.35 | 13.64 | 14.35 | 15.68 | 14.82 | 15.53 | 15.83 | 16.53 | 17.87 |
| | 3H | 13.66 | 14.25 | 14.67 | 15.28 | 16.63 | 16.31 | 16.91 | 17.33 | 17.94 | 19.28 |
| | 4H | 13.93 | 14.48 | 14.96 | 15.50 | 16.87 | 16.83 | 17.38 | 17.86 | 18.40 | 19.77 |
| | 6H | 14.06 | 14.53 | 15.09 | 15.57 | 16.94 | 17.19 | 17.66 | 18.22 | 18.70 | 20.07 |
| | 8H | 14.06 | 14.50 | 15.10 | 15.54 | 16.92 | 17.29 | 17.73 | 18.32 | 18.77 | 20.15 |
| | 12H | 14.03 | 14.43 | 15.08 | 15.48 | 16.87 | 17.34 | 17.74 | 18.39 | 18.79 | 20.18 |
| 8H | 4H | 14.38 | 14.82 | 15.42 | 15.86 | 17.24 | 16.96 | 17.39 | 17.99 | 18.43 | 19.81 |
| | 6H | 14.64 | 15.00 | 15.70 | 16.08 | 17.46 | 17.38 | 17.74 | 18.44 | 18.83 | 20.20 |
| | 8H | 14.68 | 15.00 | 15.75 | 16.07 | 17.47 | 17.53 | 17.85 | 18.60 | 18.91 | 20.31 |
| | 12H | 14.67 | 14.95 | 15.74 | 16.01 | 17.45 | 17.62 | 17.90 | 18.69 | 18.96 | 20.40 |
| 12H | 4H | 14.39 | 14.78 | 15.44 | 15.83 | 17.22 | 16.92 | 17.32 | 17.97 | 18.37 | 19.75 |
| | 6H | 14.70 | 15.02 | 15.77 | 16.09 | 17.48 | 17.38 | 17.70 | 18.45 | 18.76 | 20.16 |
| | 8H | 14.77 | 15.05 | 15.84 | 16.11 | 17.55 | 17.54 | 17.82 | 18.61 | 18.88 | 20.32 |