

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: P935598

Luminaire Tested: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4

Issue Date: 12/17/2024

**Test Information**

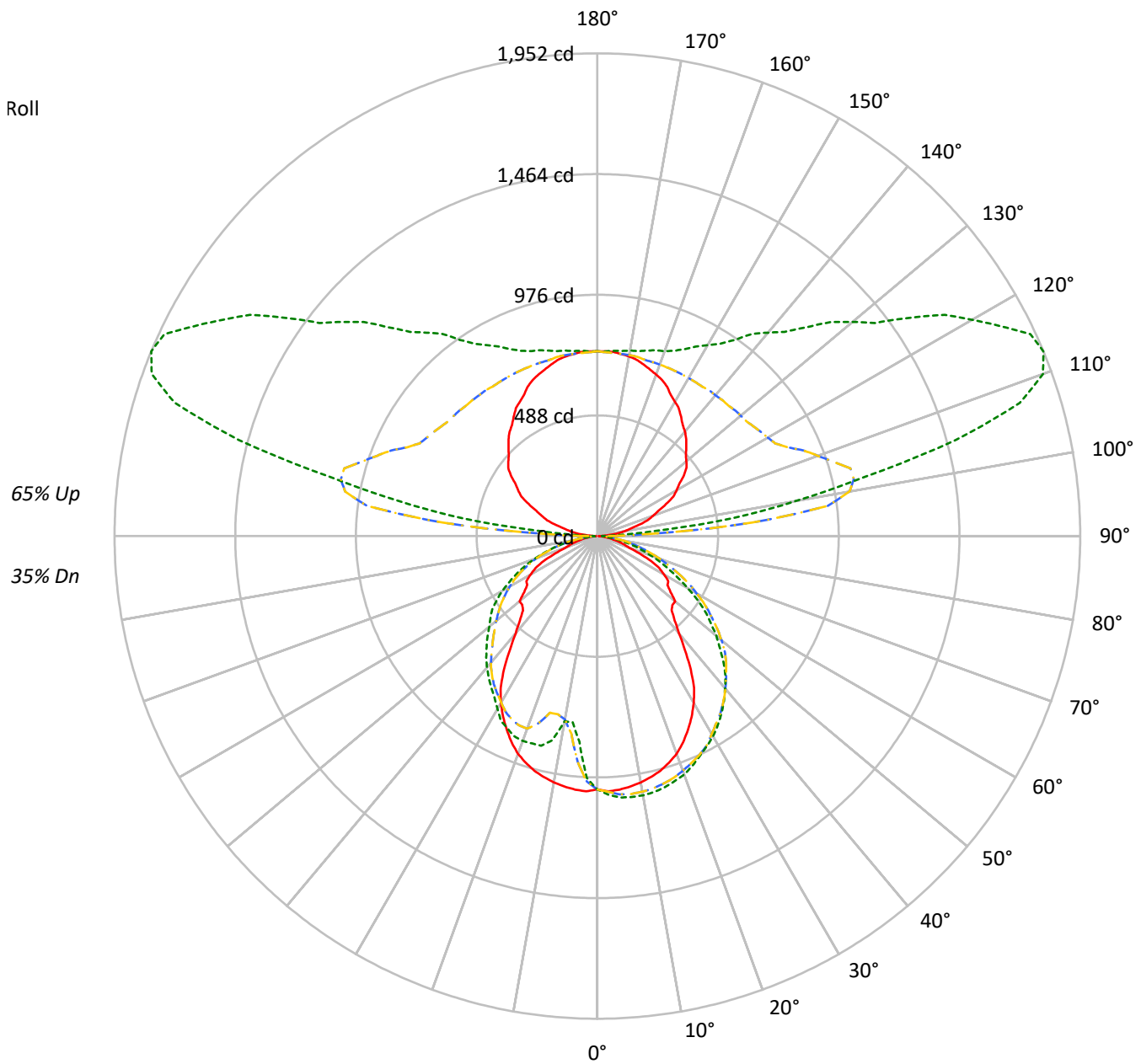
Test Method: LM-79-2019  
Report Number: P935598  
REPORT IS A COMBINATION OF REPORTS P933758 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7504.9 lumens  
Efficiency: N/A  
Efficacy: 135.0 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: Semi-Indirect  
  
Input Watts (W): 55.6  
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

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |    |    |    | 0  |    |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |    |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 43 | 43 | 43 | 35 |    |    |    | 35 |
| 1   | 95  | 90  | 87  | 83  | 85 | 82 | 79 | 76 | 66 | 64 | 62 | 51 | 50 | 49 | 38 | 37 | 36 | 30 |    |    |    | 30 |
| 2   | 86  | 79  | 73  | 68  | 78 | 72 | 66 | 62 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 30 | 25 |    |    |    | 25 |
| 3   | 78  | 69  | 62  | 56  | 71 | 63 | 57 | 52 | 51 | 47 | 43 | 40 | 37 | 34 | 29 | 28 | 26 | 21 |    |    |    | 21 |
| 4   | 72  | 61  | 54  | 48  | 65 | 56 | 49 | 44 | 45 | 40 | 36 | 35 | 32 | 29 | 26 | 24 | 22 | 18 |    |    |    | 18 |
| 5   | 66  | 54  | 46  | 41  | 59 | 50 | 43 | 38 | 40 | 35 | 31 | 32 | 28 | 25 | 24 | 21 | 19 | 16 |    |    |    | 16 |
| 6   | 60  | 49  | 41  | 35  | 54 | 44 | 37 | 32 | 36 | 31 | 27 | 29 | 25 | 22 | 21 | 19 | 17 | 14 |    |    |    | 14 |
| 7   | 56  | 44  | 36  | 31  | 50 | 40 | 33 | 28 | 33 | 28 | 24 | 26 | 22 | 19 | 20 | 17 | 15 | 12 |    |    |    | 12 |
| 8   | 52  | 40  | 32  | 27  | 47 | 36 | 30 | 25 | 30 | 25 | 21 | 24 | 20 | 17 | 18 | 15 | 13 | 11 |    |    |    | 11 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 22 | 27 | 22 | 19 | 22 | 18 | 15 | 16 | 14 | 12 | 10 |    |    |    | 10 |
| 10  | 45  | 33  | 26  | 21  | 41 | 30 | 24 | 20 | 25 | 20 | 17 | 20 | 16 | 14 | 15 | 13 | 11 | 9  |    |    |    | 9  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 9505 | 9505 | 9505 | 9505 |
| 5°  | 9566 | 9595 | 9566 | 7545 |
| 10° | 9491 | 9453 | 9491 | 6758 |
| 15° | 9378 | 9248 | 9378 | 7721 |
| 20° | 9170 | 9004 | 9170 | 7737 |
| 25° | 8758 | 8650 | 8758 | 7573 |
| 30° | 8230 | 8357 | 8230 | 7214 |
| 35° | 7325 | 7985 | 7325 | 6818 |
| 40° | 6095 | 7548 | 6095 | 6519 |
| 45° | 5435 | 7036 | 5435 | 6176 |
| 50° | 5762 | 6425 | 5762 | 5831 |
| 55° | 5405 | 5768 | 5405 | 5631 |
| 60° | 5550 | 4899 | 5550 | 5158 |
| 65° | 5008 | 4048 | 5008 | 4526 |
| 70° | 3445 | 3227 | 3445 | 3794 |
| 75° | 2987 | 2384 | 2987 | 2856 |
| 80° | 2359 | 1577 | 2359 | 1718 |
| 85° | 1283 | 836  | 1283 | 709  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8346 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 92.5   | 1.2       |
| 10°-20°   | 262.5  | 3.5       |
| 20°-30°   | 405.8  | 5.4       |
| 30°-40°   | 484.5  | 6.5       |
| 40°-50°   | 487.3  | 6.5       |
| 50°-60°   | 424.0  | 5.7       |
| 60°-70°   | 300.6  | 4.0       |
| 70°-80°   | 159.0  | 2.1       |
| 80°-90°   | 42.5   | 0.6       |
| 90°-100°  | 364.4  | 4.9       |
| 100°-110° | 958.0  | 12.8      |
| 110°-120° | 993.4  | 13.2      |
| 120°-130° | 796.8  | 10.6      |
| 130°-140° | 625.2  | 8.3       |
| 140°-150° | 479.9  | 6.4       |
| 150°-160° | 345.6  | 4.6       |
| 160°-170° | 211.4  | 2.8       |
| 170°-180° | 71.4   | 1.0       |
| 0°-30°    | 760.8  | 10.1      |
| 0°-40°    | 1245.3 | 16.6      |
| 0°-60°    | 2156.7 | 28.7      |
| 0°-90°    | 2658.8 | 35.4      |
| 90°-120°  | 2315.8 | 30.9      |
| 90°-150°  | 4217.6 | 56.2      |
| 90°-180°  | 4846.0 | 64.6      |
| 0°-180°   | 7504.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1024 | 1024 | 1024 | 1024 | 1024 |      |
| 5°   | 1029 | 1061 | 1029 | 834  | 1029 | 98   |
| 15°  | 983  | 1052 | 983  | 878  | 983  | 276  |
| 25°  | 865  | 981  | 865  | 859  | 865  | 397  |
| 35°  | 658  | 875  | 658  | 747  | 658  | 407  |
| 45°  | 424  | 721  | 424  | 633  | 424  | 340  |
| 55°  | 346  | 532  | 346  | 520  | 346  | 318  |
| 65°  | 240  | 321  | 240  | 359  | 240  | 230  |
| 75°  | 91   | 152  | 91   | 182  | 91   | 96   |
| 85°  | 16   | 39   | 16   | 33   | 16   | 21   |
| 90°  | 5    | 19   | 5    | 19   | 5    | 5    |
| 95°  | 48   | 220  | 48   | 220  | 48   | 53   |
| 105° | 173  | 1500 | 173  | 1500 | 173  | 183  |
| 115° | 306  | 1932 | 306  | 1932 | 306  | 303  |
| 125° | 426  | 1538 | 426  | 1538 | 426  | 379  |
| 135° | 508  | 1194 | 508  | 1194 | 508  | 393  |
| 145° | 590  | 968  | 590  | 968  | 590  | 369  |
| 155° | 666  | 834  | 666  | 834  | 666  | 306  |
| 165° | 719  | 777  | 719  | 777  | 719  | 203  |
| 175° | 748  | 752  | 748  | 752  | 748  | 71   |
| 180° | 748  | 748  | 748  | 748  | 748  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 |
| 2.5°   | 1033.1 | 1033.1 | 1039.0 | 1040.9 | 1040.9 | 1038.0 | 1035.1 | 1038.0 | 1046.7 | 1049.6 | 1048.7 |
| 5°     | 1029.2 | 1037.0 | 1047.7 | 1049.6 | 1051.6 | 1050.6 | 1048.7 | 1050.6 | 1060.3 | 1062.2 | 1063.2 |
| 7.5°   | 1021.4 | 1036.1 | 1049.6 | 1052.5 | 1055.4 | 1052.5 | 1051.6 | 1053.5 | 1063.2 | 1065.1 | 1065.1 |
| 10°    | 1011.7 | 1032.1 | 1047.7 | 1049.6 | 1052.5 | 1049.6 | 1049.6 | 1053.5 | 1063.2 | 1065.1 | 1066.1 |
| 12.5°  | 998.2  | 1026.3 | 1040.9 | 1042.8 | 1046.7 | 1045.7 | 1044.8 | 1048.7 | 1058.3 | 1060.3 | 1060.3 |
| 15°    | 982.7  | 1015.6 | 1029.2 | 1031.1 | 1038.0 | 1036.1 | 1036.1 | 1039.9 | 1050.6 | 1053.5 | 1052.5 |
| 17.5°  | 961.3  | 1002.0 | 1017.5 | 1020.5 | 1025.3 | 1024.3 | 1025.3 | 1029.2 | 1039.0 | 1040.9 | 1041.9 |
| 20°    | 937.1  | 983.6  | 1002.0 | 1004.9 | 1009.8 | 1009.8 | 1009.8 | 1014.6 | 1024.3 | 1028.2 | 1028.2 |
| 22.5°  | 904.2  | 964.3  | 983.6  | 985.6  | 991.4  | 991.4  | 993.3  | 1000.1 | 1008.8 | 1009.8 | 1009.8 |
| 25°    | 865.4  | 942.9  | 959.4  | 965.2  | 971.0  | 973.9  | 976.8  | 980.7  | 983.6  | 982.7  | 983.6  |
| 27.5°  | 824.7  | 915.8  | 937.1  | 941.0  | 948.7  | 951.7  | 955.5  | 956.5  | 957.5  | 960.4  | 958.4  |
| 30°    | 779.2  | 878.0  | 910.0  | 913.9  | 926.5  | 928.4  | 924.5  | 926.5  | 931.3  | 933.2  | 935.2  |
| 32.5°  | 727.8  | 821.8  | 881.9  | 890.6  | 902.2  | 896.4  | 895.5  | 898.4  | 906.1  | 906.1  | 908.0  |
| 35°    | 658.0  | 778.2  | 855.7  | 863.5  | 872.2  | 865.4  | 869.3  | 870.3  | 875.1  | 878.0  | 877.0  |
| 37.5°  | 581.5  | 740.4  | 828.6  | 834.4  | 841.2  | 832.5  | 838.3  | 841.2  | 845.1  | 843.1  | 843.1  |
| 40°    | 513.7  | 681.3  | 796.6  | 800.5  | 806.3  | 799.5  | 805.3  | 807.3  | 809.2  | 807.3  | 806.3  |
| 42.5°  | 463.3  | 616.4  | 762.7  | 767.5  | 763.7  | 768.5  | 770.5  | 774.3  | 771.4  | 767.5  | 767.5  |
| 45°    | 424.5  | 598.9  | 725.9  | 731.7  | 725.9  | 733.6  | 736.5  | 736.5  | 727.8  | 725.9  | 724.9  |
| 47.5°  | 411.9  | 564.1  | 689.1  | 689.1  | 686.1  | 695.8  | 700.7  | 693.9  | 685.2  | 682.3  | 682.3  |
| 50°    | 411.0  | 525.3  | 638.7  | 634.8  | 648.4  | 660.0  | 655.1  | 648.4  | 641.6  | 630.9  | 630.9  |
| 52.5°  | 373.2  | 477.8  | 573.7  | 588.3  | 609.6  | 616.4  | 608.6  | 601.8  | 590.2  | 585.4  | 581.5  |
| 55°    | 346.0  | 428.4  | 514.6  | 543.7  | 566.0  | 574.7  | 560.2  | 553.4  | 536.0  | 533.0  | 531.1  |
| 57.5°  | 340.1  | 356.7  | 460.4  | 497.2  | 524.3  | 523.4  | 514.6  | 502.0  | 487.5  | 484.6  | 483.6  |
| 60°    | 312.0  | 257.8  | 402.2  | 445.8  | 473.9  | 471.0  | 463.3  | 451.7  | 438.1  | 436.1  | 434.2  |
| 62.5°  | 282.9  | 187.0  | 336.2  | 385.8  | 425.5  | 424.5  | 417.7  | 400.3  | 390.6  | 385.8  | 381.9  |
| 65°    | 240.3  | 157.0  | 239.3  | 320.7  | 378.0  | 379.9  | 365.4  | 352.8  | 342.1  | 336.2  | 335.3  |
| 67.5°  | 183.1  | 127.9  | 161.8  | 267.4  | 332.4  | 330.4  | 312.0  | 306.2  | 292.6  | 289.7  | 283.9  |
| 70°    | 135.7  | 85.3   | 112.4  | 217.1  | 287.8  | 282.9  | 268.4  | 261.6  | 249.0  | 242.2  | 238.4  |
| 72.5°  | 112.4  | 68.8   | 82.4   | 168.6  | 242.2  | 236.4  | 223.8  | 216.1  | 205.4  | 199.6  | 195.7  |
| 75°    | 91.1   | 72.7   | 63.0   | 125.0  | 196.7  | 192.8  | 181.2  | 173.5  | 164.7  | 157.0  | 157.9  |
| 77.5°  | 66.9   | 67.8   | 50.4   | 92.1   | 156.0  | 150.2  | 143.4  | 133.7  | 129.8  | 122.1  | 122.1  |
| 80°    | 50.4   | 53.3   | 37.8   | 63.0   | 112.4  | 112.4  | 106.6  | 99.8   | 93.0   | 89.1   | 89.1   |
| 82.5°  | 33.9   | 33.9   | 28.1   | 39.7   | 76.6   | 73.6   | 69.8   | 67.8   | 64.0   | 62.0   | 62.0   |
| 85°    | 15.5   | 19.4   | 17.4   | 24.2   | 41.7   | 43.6   | 43.6   | 41.7   | 40.7   | 38.8   | 39.7   |
| 87.5°  | 4.8    | 8.7    | 10.7   | 13.6   | 21.3   | 22.3   | 23.3   | 23.3   | 23.3   | 24.2   | 24.2   |
| 90°    | 5.0    | 9.0    | 13.1   | 14.1   | 22.1   | 32.8   | 38.1   | 33.8   | 25.4   | 19.1   | 19.1   |
| 92.5°  | 20.1   | 54.2   | 88.3   | 96.8   | 136.1  | 188.6  | 214.7  | 188.2  | 135.2  | 95.3   | 91.6   |
| 95°    | 48.2   | 110.6  | 173.1  | 188.7  | 335.0  | 530.0  | 627.6  | 560.1  | 425.0  | 323.6  | 312.1  |
| 97.5°  | 83.2   | 138.3  | 193.4  | 207.2  | 451.2  | 776.5  | 939.2  | 896.4  | 811.1  | 747.0  | 725.2  |
| 100°   | 110.4  | 160.4  | 210.3  | 222.8  | 493.5  | 854.5  | 1035.0 | 1038.1 | 1044.4 | 1049.0 | 1023.0 |
| 102.5° | 133.4  | 180.0  | 226.6  | 238.3  | 512.9  | 879.1  | 1062.1 | 1116.6 | 1225.4 | 1307.0 | 1284.7 |
| 105°   | 172.6  | 212.1  | 251.6  | 261.4  | 527.3  | 881.9  | 1059.1 | 1181.1 | 1425.0 | 1608.0 | 1595.9 |
| 107.5° | 212.7  | 249.5  | 286.3  | 295.5  | 530.0  | 842.6  | 998.9  | 1169.1 | 1509.3 | 1764.5 | 1767.4 |
| 110°   | 239.8  | 273.1  | 306.2  | 314.5  | 526.0  | 807.9  | 948.7  | 1139.0 | 1519.4 | 1804.7 | 1817.2 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°    | 60°    | 67.5°  | 70°    |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 266.4 | 298.1 | 329.7 | 337.6 | 526.1 | 777.4 | 903.1 | 1097.8 | 1487.1 | 1779.1 | 1798.3 |
| 115°   | 306.5 | 335.8 | 365.0 | 372.3 | 531.0 | 742.5 | 848.4 | 1035.9 | 1411.0 | 1692.3 | 1718.8 |
| 117.5° | 346.2 | 372.8 | 399.3 | 405.9 | 540.9 | 720.8 | 810.8 | 979.9  | 1318.4 | 1572.3 | 1601.8 |
| 120°   | 369.3 | 394.3 | 419.3 | 425.5 | 548.9 | 713.5 | 795.7 | 950.4  | 1259.6 | 1491.6 | 1520.3 |
| 122.5° | 391.9 | 417.1 | 442.3 | 448.6 | 560.5 | 709.6 | 784.2 | 923.5  | 1201.9 | 1410.8 | 1439.1 |
| 125°   | 426.5 | 449.4 | 472.4 | 478.1 | 576.0 | 706.4 | 771.6 | 889.9  | 1126.5 | 1303.9 | 1330.0 |
| 127.5° | 454.6 | 477.7 | 500.9 | 506.7 | 591.5 | 704.6 | 761.1 | 862.6  | 1065.8 | 1218.1 | 1240.1 |
| 130°   | 469.6 | 494.6 | 519.6 | 525.8 | 602.9 | 705.7 | 757.1 | 847.5  | 1028.3 | 1164.0 | 1184.2 |
| 132.5° | 485.2 | 510.2 | 535.2 | 541.4 | 612.1 | 706.4 | 753.6 | 834.5  | 996.4  | 1117.8 | 1136.0 |
| 135°   | 508.2 | 531.0 | 553.7 | 559.4 | 622.1 | 705.7 | 747.6 | 815.4  | 951.0  | 1052.6 | 1068.3 |
| 137.5° | 531.8 | 554.3 | 576.8 | 582.5 | 637.1 | 710.1 | 746.5 | 803.8  | 918.4  | 1004.4 | 1017.2 |
| 140°   | 551.4 | 572.1 | 592.8 | 598.1 | 646.4 | 710.9 | 743.0 | 792.5  | 891.6  | 965.8  | 977.8  |
| 142.5° | 566.4 | 585.6 | 604.8 | 609.6 | 654.1 | 713.4 | 743.0 | 786.5  | 873.5  | 938.7  | 948.9  |
| 145°   | 589.5 | 606.2 | 623.0 | 627.1 | 664.1 | 713.4 | 738.0 | 773.6  | 844.7  | 898.1  | 905.9  |
| 147.5° | 612.6 | 628.9 | 645.2 | 649.2 | 678.8 | 718.2 | 738.0 | 766.0  | 822.0  | 864.0  | 870.5  |
| 150°   | 627.6 | 642.4 | 657.1 | 660.8 | 686.5 | 720.8 | 738.0 | 761.6  | 808.9  | 844.4  | 849.6  |
| 152.5° | 643.2 | 654.4 | 665.5 | 668.3 | 691.6 | 722.5 | 738.0 | 758.1  | 798.6  | 828.8  | 832.8  |
| 155°   | 666.3 | 674.5 | 682.8 | 684.8 | 702.5 | 726.2 | 738.0 | 754.1  | 786.1  | 810.3  | 812.9  |
| 157.5° | 683.3 | 691.4 | 699.3 | 701.4 | 713.6 | 729.9 | 738.0 | 750.5  | 775.5  | 794.2  | 796.0  |
| 160°   | 694.9 | 701.1 | 707.4 | 708.9 | 718.6 | 731.5 | 738.0 | 748.6  | 770.1  | 786.1  | 787.2  |
| 162.5° | 706.4 | 711.1 | 715.8 | 717.0 | 723.9 | 733.3 | 738.0 | 747.0  | 765.1  | 778.7  | 779.7  |
| 165°   | 718.9 | 723.2 | 727.4 | 728.5 | 731.7 | 735.9 | 738.0 | 744.5  | 757.4  | 767.1  | 768.1  |
| 167.5° | 730.5 | 732.5 | 734.5 | 735.0 | 737.7 | 741.3 | 743.0 | 747.3  | 755.7  | 762.1  | 762.6  |
| 170°   | 738.0 | 740.0 | 742.1 | 742.5 | 742.7 | 742.9 | 743.0 | 747.3  | 755.7  | 762.1  | 762.1  |
| 172.5° | 742.1 | 742.4 | 742.9 | 743.0 | 743.0 | 743.0 | 743.0 | 746.3  | 753.0  | 758.0  | 757.7  |
| 175°   | 747.6 | 747.6 | 747.6 | 747.6 | 746.0 | 744.0 | 743.0 | 745.2  | 749.3  | 752.5  | 752.5  |
| 177.5° | 747.6 | 747.6 | 747.6 | 747.6 | 746.4 | 744.8 | 744.0 | 745.6  | 749.0  | 751.6  | 751.1  |
| 180°   | 747.6 | 747.6 | 747.6 | 747.6 | 747.6 | 747.6 | 747.6 | 747.6  | 747.6  | 747.6  | 747.6  |



TEST NUMBER: P935598

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 |
| 2.5°   | 1050.6 | 1047.7 | 1050.6 | 1048.7 | 1049.6 | 1046.7 | 1038.0 | 1035.1 | 1038.0 | 1040.9 | 1040.9 |
| 5°     | 1063.2 | 1061.2 | 1063.2 | 1063.2 | 1062.2 | 1060.3 | 1050.6 | 1048.7 | 1050.6 | 1051.6 | 1049.6 |
| 7.5°   | 1067.1 | 1064.2 | 1067.1 | 1065.1 | 1065.1 | 1063.2 | 1053.5 | 1051.6 | 1052.5 | 1055.4 | 1052.5 |
| 10°    | 1067.1 | 1064.2 | 1067.1 | 1066.1 | 1065.1 | 1063.2 | 1053.5 | 1049.6 | 1049.6 | 1052.5 | 1049.6 |
| 12.5°  | 1062.2 | 1060.3 | 1062.2 | 1060.3 | 1060.3 | 1058.3 | 1048.7 | 1044.8 | 1045.7 | 1046.7 | 1042.8 |
| 15°    | 1054.5 | 1051.6 | 1054.5 | 1052.5 | 1053.5 | 1050.6 | 1039.9 | 1036.1 | 1036.1 | 1038.0 | 1031.1 |
| 17.5°  | 1042.8 | 1039.0 | 1042.8 | 1041.9 | 1040.9 | 1039.0 | 1029.2 | 1025.3 | 1024.3 | 1025.3 | 1020.5 |
| 20°    | 1029.2 | 1026.3 | 1029.2 | 1028.2 | 1028.2 | 1024.3 | 1014.6 | 1009.8 | 1009.8 | 1009.8 | 1004.9 |
| 22.5°  | 1007.9 | 1004.9 | 1007.9 | 1009.8 | 1009.8 | 1008.8 | 1000.1 | 993.3  | 991.4  | 991.4  | 985.6  |
| 25°    | 983.6  | 980.7  | 983.6  | 983.6  | 982.7  | 983.6  | 980.7  | 976.8  | 973.9  | 971.0  | 965.2  |
| 27.5°  | 960.4  | 958.4  | 960.4  | 958.4  | 960.4  | 957.5  | 956.5  | 955.5  | 951.7  | 948.7  | 941.0  |
| 30°    | 937.1  | 935.2  | 937.1  | 935.2  | 933.2  | 931.3  | 926.5  | 924.5  | 928.4  | 926.5  | 913.9  |
| 32.5°  | 908.0  | 906.1  | 908.0  | 908.0  | 906.1  | 906.1  | 898.4  | 895.5  | 896.4  | 902.2  | 890.6  |
| 35°    | 878.0  | 875.1  | 878.0  | 877.0  | 878.0  | 875.1  | 870.3  | 869.3  | 865.4  | 872.2  | 863.5  |
| 37.5°  | 843.1  | 840.2  | 843.1  | 843.1  | 843.1  | 845.1  | 841.2  | 838.3  | 832.5  | 841.2  | 834.4  |
| 40°    | 807.3  | 803.4  | 807.3  | 806.3  | 807.3  | 809.2  | 807.3  | 805.3  | 799.5  | 806.3  | 800.5  |
| 42.5°  | 766.6  | 765.6  | 766.6  | 767.5  | 767.5  | 771.4  | 774.3  | 770.5  | 768.5  | 763.7  | 767.5  |
| 45°    | 723.0  | 721.0  | 723.0  | 724.9  | 725.9  | 727.8  | 736.5  | 736.5  | 733.6  | 725.9  | 731.7  |
| 47.5°  | 676.5  | 671.6  | 676.5  | 682.3  | 682.3  | 685.2  | 693.9  | 700.7  | 695.8  | 686.1  | 689.1  |
| 50°    | 627.0  | 628.0  | 627.0  | 630.9  | 630.9  | 641.6  | 648.4  | 655.1  | 660.0  | 648.4  | 634.8  |
| 52.5°  | 578.6  | 577.6  | 578.6  | 581.5  | 585.4  | 590.2  | 601.8  | 608.6  | 616.4  | 609.6  | 588.3  |
| 55°    | 530.1  | 532.1  | 530.1  | 531.1  | 533.0  | 536.0  | 553.4  | 560.2  | 574.7  | 566.0  | 543.7  |
| 57.5°  | 481.7  | 478.8  | 481.7  | 483.6  | 484.6  | 487.5  | 502.0  | 514.6  | 523.4  | 524.3  | 497.2  |
| 60°    | 425.5  | 421.6  | 425.5  | 434.2  | 436.1  | 438.1  | 451.7  | 463.3  | 471.0  | 473.9  | 445.8  |
| 62.5°  | 376.1  | 369.3  | 376.1  | 381.9  | 385.8  | 390.6  | 400.3  | 417.7  | 424.5  | 425.5  | 385.8  |
| 65°    | 323.6  | 320.7  | 323.6  | 335.3  | 336.2  | 342.1  | 352.8  | 365.4  | 379.9  | 378.0  | 320.7  |
| 67.5°  | 276.2  | 276.2  | 276.2  | 283.9  | 289.7  | 292.6  | 306.2  | 312.0  | 330.4  | 332.4  | 267.4  |
| 70°    | 232.6  | 231.6  | 232.6  | 238.4  | 242.2  | 249.0  | 261.6  | 268.4  | 282.9  | 287.8  | 217.1  |
| 72.5°  | 190.9  | 189.9  | 190.9  | 195.7  | 199.6  | 205.4  | 216.1  | 223.8  | 236.4  | 242.2  | 168.6  |
| 75°    | 154.1  | 152.1  | 154.1  | 157.9  | 157.0  | 164.7  | 173.5  | 181.2  | 192.8  | 196.7  | 125.0  |
| 77.5°  | 118.2  | 118.2  | 118.2  | 122.1  | 122.1  | 129.8  | 133.7  | 143.4  | 150.2  | 156.0  | 92.1   |
| 80°    | 88.2   | 87.2   | 88.2   | 89.1   | 89.1   | 93.0   | 99.8   | 106.6  | 112.4  | 112.4  | 63.0   |
| 82.5°  | 62.0   | 60.1   | 62.0   | 62.0   | 62.0   | 64.0   | 67.8   | 69.8   | 73.6   | 76.6   | 39.7   |
| 85°    | 38.8   | 38.8   | 38.8   | 39.7   | 38.8   | 40.7   | 41.7   | 43.6   | 43.6   | 41.7   | 24.2   |
| 87.5°  | 25.2   | 24.2   | 25.2   | 24.2   | 24.2   | 23.3   | 23.3   | 23.3   | 22.3   | 21.3   | 13.6   |
| 90°    | 19.1   | 19.1   | 19.1   | 19.1   | 19.1   | 25.4   | 33.8   | 38.1   | 32.8   | 22.1   | 14.1   |
| 92.5°  | 76.4   | 61.2   | 76.4   | 91.6   | 95.3   | 135.2  | 188.2  | 214.7  | 188.6  | 136.1  | 96.8   |
| 95°    | 266.2  | 220.3  | 266.2  | 312.1  | 323.6  | 425.0  | 560.1  | 627.6  | 530.0  | 335.0  | 188.7  |
| 97.5°  | 637.8  | 550.4  | 637.8  | 725.2  | 747.0  | 811.1  | 896.4  | 939.2  | 776.5  | 451.2  | 207.2  |
| 100°   | 918.9  | 814.7  | 918.9  | 1023.0 | 1049.0 | 1044.4 | 1038.1 | 1035.0 | 854.5  | 493.5  | 222.8  |
| 102.5° | 1195.5 | 1106.3 | 1195.5 | 1284.7 | 1307.0 | 1225.4 | 1116.6 | 1062.1 | 879.1  | 512.9  | 238.3  |
| 105°   | 1548.1 | 1500.1 | 1548.1 | 1595.9 | 1608.0 | 1425.0 | 1181.1 | 1059.1 | 881.9  | 527.3  | 261.4  |
| 107.5° | 1779.0 | 1790.6 | 1779.0 | 1767.4 | 1764.5 | 1509.3 | 1169.1 | 998.9  | 842.6  | 530.0  | 295.5  |
| 110°   | 1867.1 | 1917.0 | 1867.1 | 1817.2 | 1804.7 | 1519.4 | 1139.0 | 948.7  | 807.9  | 526.0  | 314.5  |





TEST NUMBER: P935598

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°  | 140°  | 150°  | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 112.5° | 1874.9 | 1951.7 | 1874.9 | 1798.3 | 1779.1 | 1487.1 | 1097.8 | 903.1 | 777.4 | 526.1 | 337.6  |
| 115°   | 1825.2 | 1931.6 | 1825.2 | 1718.8 | 1692.3 | 1411.0 | 1035.9 | 848.4 | 742.5 | 531.0 | 372.3  |
| 117.5° | 1719.8 | 1837.7 | 1719.8 | 1601.8 | 1572.3 | 1318.4 | 979.9  | 810.8 | 720.8 | 540.9 | 405.9  |
| 120°   | 1634.8 | 1749.4 | 1634.8 | 1520.3 | 1491.6 | 1259.6 | 950.4  | 795.7 | 713.5 | 548.9 | 425.5  |
| 122.5° | 1552.0 | 1665.1 | 1552.0 | 1439.1 | 1410.8 | 1201.9 | 923.5  | 784.2 | 709.6 | 560.5 | 448.6  |
| 125°   | 1434.0 | 1538.2 | 1434.0 | 1330.0 | 1303.9 | 1126.5 | 889.9  | 771.6 | 706.4 | 576.0 | 478.1  |
| 127.5° | 1327.9 | 1415.8 | 1327.9 | 1240.1 | 1218.1 | 1065.8 | 862.6  | 761.1 | 704.6 | 591.5 | 506.7  |
| 130°   | 1265.4 | 1346.6 | 1265.4 | 1184.2 | 1164.0 | 1028.3 | 847.5  | 757.1 | 705.7 | 602.9 | 525.8  |
| 132.5° | 1208.6 | 1281.3 | 1208.6 | 1136.0 | 1117.8 | 996.4  | 834.5  | 753.6 | 706.4 | 612.1 | 541.4  |
| 135°   | 1130.9 | 1193.5 | 1130.9 | 1068.3 | 1052.6 | 951.0  | 815.4  | 747.6 | 705.7 | 622.1 | 559.4  |
| 137.5° | 1068.5 | 1119.8 | 1068.5 | 1017.2 | 1004.4 | 918.4  | 803.8  | 746.5 | 710.1 | 637.1 | 582.5  |
| 140°   | 1025.7 | 1073.7 | 1025.7 | 977.8  | 965.8  | 891.6  | 792.5  | 743.0 | 710.9 | 646.4 | 598.1  |
| 142.5° | 990.2  | 1031.5 | 990.2  | 948.9  | 938.7  | 873.5  | 786.5  | 743.0 | 713.4 | 654.1 | 609.6  |
| 145°   | 937.1  | 968.3  | 937.1  | 905.9  | 898.1  | 844.7  | 773.6  | 738.0 | 713.4 | 664.1 | 627.1  |
| 147.5° | 896.2  | 922.1  | 896.2  | 870.5  | 864.0  | 822.0  | 766.0  | 738.0 | 718.2 | 678.8 | 649.2  |
| 150°   | 870.6  | 891.6  | 870.6  | 849.6  | 844.4  | 808.9  | 761.6  | 738.0 | 720.8 | 686.5 | 660.8  |
| 152.5° | 848.6  | 864.4  | 848.6  | 832.8  | 828.8  | 798.6  | 758.1  | 738.0 | 722.5 | 691.6 | 668.3  |
| 155°   | 823.4  | 833.8  | 823.4  | 812.9  | 810.3  | 786.1  | 754.1  | 738.0 | 726.2 | 702.5 | 684.8  |
| 157.5° | 803.4  | 810.8  | 803.4  | 796.0  | 794.2  | 775.5  | 750.5  | 738.0 | 729.9 | 713.6 | 701.4  |
| 160°   | 791.5  | 795.7  | 791.5  | 787.2  | 786.1  | 770.1  | 748.6  | 738.0 | 731.5 | 718.6 | 708.9  |
| 162.5° | 783.7  | 787.7  | 783.7  | 779.7  | 778.7  | 765.1  | 747.0  | 738.0 | 733.3 | 723.9 | 717.0  |
| 165°   | 772.4  | 776.7  | 772.4  | 768.1  | 767.1  | 757.4  | 744.5  | 738.0 | 735.9 | 731.7 | 728.5  |
| 167.5° | 764.3  | 766.1  | 764.3  | 762.6  | 762.1  | 755.7  | 747.3  | 743.0 | 741.3 | 737.7 | 735.0  |
| 170°   | 762.1  | 762.1  | 762.1  | 762.1  | 762.1  | 755.7  | 747.3  | 743.0 | 742.9 | 742.7 | 742.5  |
| 172.5° | 756.1  | 754.6  | 756.1  | 757.7  | 758.0  | 753.0  | 746.3  | 743.0 | 743.0 | 743.0 | 743.0  |
| 175°   | 752.5  | 752.5  | 752.5  | 752.5  | 752.5  | 749.3  | 745.2  | 743.0 | 744.0 | 746.0 | 747.6  |
| 177.5° | 749.3  | 747.6  | 749.3  | 751.1  | 751.6  | 749.0  | 745.6  | 744.0 | 744.8 | 746.4 | 747.6  |
| 180°   | 747.6  | 747.6  | 747.6  | 747.6  | 747.6  | 747.6  | 747.6  | 747.6 | 747.6 | 747.6 | 747.6  |



TEST NUMBER: P935598

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 |
| 2.5°   | 1039.0 | 1033.1 | 1033.1 | 1023.4 | 1019.5 | 1016.6 | 1011.7 | 997.2  | 993.3  | 989.4  | 995.3  |
| 5°     | 1047.7 | 1037.0 | 1029.2 | 1011.7 | 997.2  | 991.4  | 973.0  | 938.1  | 914.8  | 897.4  | 887.7  |
| 7.5°   | 1049.6 | 1036.1 | 1021.4 | 994.3  | 959.4  | 943.9  | 887.7  | 823.7  | 806.3  | 790.8  | 781.1  |
| 10°    | 1047.7 | 1032.1 | 1011.7 | 971.0  | 888.7  | 861.5  | 805.3  | 763.7  | 753.0  | 750.1  | 753.0  |
| 12.5°  | 1040.9 | 1026.3 | 998.2  | 930.3  | 815.0  | 796.6  | 763.7  | 739.4  | 737.5  | 742.4  | 768.5  |
| 15°    | 1029.2 | 1015.6 | 982.7  | 876.1  | 774.3  | 760.8  | 737.5  | 728.8  | 739.4  | 773.4  | 851.8  |
| 17.5°  | 1017.5 | 1002.0 | 961.3  | 822.8  | 743.3  | 733.6  | 717.2  | 734.6  | 794.7  | 840.2  | 866.4  |
| 20°    | 1002.0 | 983.6  | 937.1  | 784.0  | 721.0  | 712.3  | 704.6  | 783.0  | 828.6  | 845.1  | 859.6  |
| 22.5°  | 983.6  | 964.3  | 904.2  | 756.9  | 697.8  | 691.0  | 695.8  | 810.2  | 828.6  | 840.2  | 852.8  |
| 25°    | 959.4  | 942.9  | 865.4  | 735.6  | 679.4  | 671.6  | 690.0  | 807.3  | 817.9  | 820.8  | 846.0  |
| 27.5°  | 937.1  | 915.8  | 824.7  | 716.2  | 657.1  | 654.2  | 694.9  | 794.7  | 802.4  | 805.3  | 832.5  |
| 30°    | 910.0  | 878.0  | 779.2  | 695.8  | 633.8  | 632.9  | 695.8  | 779.2  | 777.2  | 785.0  | 812.1  |
| 32.5°  | 881.9  | 821.8  | 727.8  | 670.6  | 611.5  | 610.6  | 689.1  | 755.9  | 754.0  | 764.6  | 785.0  |
| 35°    | 855.7  | 778.2  | 658.0  | 641.6  | 583.4  | 584.4  | 672.6  | 728.8  | 729.8  | 739.4  | 752.0  |
| 37.5°  | 828.6  | 740.4  | 581.5  | 609.6  | 556.3  | 556.3  | 650.3  | 703.6  | 701.7  | 704.6  | 722.0  |
| 40°    | 796.6  | 681.3  | 513.7  | 567.9  | 531.1  | 528.2  | 623.2  | 676.5  | 669.7  | 668.7  | 692.9  |
| 42.5°  | 762.7  | 616.4  | 463.3  | 512.7  | 502.0  | 498.2  | 590.2  | 643.5  | 630.9  | 633.8  | 664.8  |
| 45°    | 725.9  | 598.9  | 424.5  | 433.2  | 472.0  | 469.1  | 554.4  | 605.7  | 597.0  | 604.8  | 636.7  |
| 47.5°  | 689.1  | 564.1  | 411.9  | 359.6  | 440.0  | 439.1  | 514.6  | 568.9  | 564.1  | 571.8  | 605.7  |
| 50°    | 638.7  | 525.3  | 411.0  | 308.1  | 404.2  | 408.0  | 467.2  | 533.0  | 533.0  | 539.8  | 575.7  |
| 52.5°  | 573.7  | 477.8  | 373.2  | 279.1  | 362.5  | 374.1  | 425.5  | 502.0  | 504.0  | 510.8  | 542.7  |
| 55°    | 514.6  | 428.4  | 346.0  | 256.8  | 313.0  | 338.2  | 384.8  | 470.1  | 473.9  | 480.7  | 509.8  |
| 57.5°  | 460.4  | 356.7  | 340.1  | 230.6  | 267.4  | 291.7  | 348.9  | 439.1  | 441.0  | 446.8  | 474.9  |
| 60°    | 402.2  | 257.8  | 312.0  | 202.5  | 227.7  | 246.1  | 315.9  | 402.2  | 409.0  | 412.9  | 437.1  |
| 62.5°  | 336.2  | 187.0  | 282.9  | 183.1  | 208.3  | 212.2  | 288.8  | 367.3  | 376.1  | 379.0  | 393.5  |
| 65°    | 239.3  | 157.0  | 240.3  | 166.7  | 188.0  | 189.0  | 259.7  | 331.4  | 339.2  | 344.0  | 354.8  |
| 67.5°  | 161.8  | 127.9  | 183.1  | 151.2  | 172.5  | 173.5  | 231.6  | 289.7  | 300.4  | 304.3  | 311.0  |
| 70°    | 112.4  | 85.3   | 135.7  | 134.7  | 155.0  | 157.0  | 201.6  | 251.9  | 261.6  | 264.5  | 268.4  |
| 72.5°  | 82.4   | 68.8   | 112.4  | 121.1  | 136.6  | 138.6  | 170.5  | 209.3  | 219.0  | 221.9  | 223.8  |
| 75°    | 63.0   | 72.7   | 91.1   | 105.6  | 116.3  | 117.2  | 139.5  | 170.5  | 177.3  | 179.3  | 180.2  |
| 77.5°  | 50.4   | 67.8   | 66.9   | 85.3   | 95.0   | 93.0   | 109.5  | 131.8  | 137.6  | 137.6  | 137.6  |
| 80°    | 37.8   | 53.3   | 50.4   | 61.0   | 69.8   | 67.8   | 78.5   | 94.0   | 95.9   | 97.9   | 96.9   |
| 82.5°  | 28.1   | 33.9   | 33.9   | 38.8   | 46.5   | 44.6   | 52.3   | 61.0   | 61.0   | 61.0   | 63.0   |
| 85°    | 17.4   | 19.4   | 15.5   | 20.3   | 26.2   | 25.2   | 29.1   | 32.9   | 33.9   | 33.9   | 32.0   |
| 87.5°  | 10.7   | 8.7    | 4.8    | 7.8    | 11.6   | 11.6   | 13.6   | 14.5   | 13.6   | 13.6   | 13.6   |
| 90°    | 13.1   | 9.0    | 5.0    | 9.0    | 13.1   | 14.1   | 22.1   | 32.8   | 38.1   | 33.8   | 25.4   |
| 92.5°  | 88.3   | 54.2   | 20.1   | 54.2   | 88.3   | 96.8   | 136.1  | 188.6  | 214.7  | 188.2  | 135.2  |
| 95°    | 173.1  | 110.6  | 48.2   | 110.6  | 173.1  | 188.7  | 335.0  | 530.0  | 627.6  | 560.1  | 425.0  |
| 97.5°  | 193.4  | 138.3  | 83.2   | 138.3  | 193.4  | 207.2  | 451.2  | 776.5  | 939.2  | 896.4  | 811.1  |
| 100°   | 210.3  | 160.4  | 110.4  | 160.4  | 210.3  | 222.8  | 493.5  | 854.5  | 1035.0 | 1038.1 | 1044.4 |
| 102.5° | 226.6  | 180.0  | 133.4  | 180.0  | 226.6  | 238.3  | 512.9  | 879.1  | 1062.1 | 1116.6 | 1225.4 |
| 105°   | 251.6  | 212.1  | 172.6  | 212.1  | 251.6  | 261.4  | 527.3  | 881.9  | 1059.1 | 1181.1 | 1425.0 |
| 107.5° | 286.3  | 249.5  | 212.7  | 249.5  | 286.3  | 295.5  | 530.0  | 842.6  | 998.9  | 1169.1 | 1509.3 |
| 110°   | 306.2  | 273.1  | 239.8  | 273.1  | 306.2  | 314.5  | 526.0  | 807.9  | 948.7  | 1139.0 | 1519.4 |



TEST NUMBER: P935598

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 160°  | 170°  | 180°  | 190°  | 200°  | 202.5° | 210°  | 220°  | 225°  | 230°   | 240°   |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|
| 112.5° | 329.7 | 298.1 | 266.4 | 298.1 | 329.7 | 337.6  | 526.1 | 777.4 | 903.1 | 1097.8 | 1487.1 |
| 115°   | 365.0 | 335.8 | 306.5 | 335.8 | 365.0 | 372.3  | 531.0 | 742.5 | 848.4 | 1035.9 | 1411.0 |
| 117.5° | 399.3 | 372.8 | 346.2 | 372.8 | 399.3 | 405.9  | 540.9 | 720.8 | 810.8 | 979.9  | 1318.4 |
| 120°   | 419.3 | 394.3 | 369.3 | 394.3 | 419.3 | 425.5  | 548.9 | 713.5 | 795.7 | 950.4  | 1259.6 |
| 122.5° | 442.3 | 417.1 | 391.9 | 417.1 | 442.3 | 448.6  | 560.5 | 709.6 | 784.2 | 923.5  | 1201.9 |
| 125°   | 472.4 | 449.4 | 426.5 | 449.4 | 472.4 | 478.1  | 576.0 | 706.4 | 771.6 | 889.9  | 1126.5 |
| 127.5° | 500.9 | 477.7 | 454.6 | 477.7 | 500.9 | 506.7  | 591.5 | 704.6 | 761.1 | 862.6  | 1065.8 |
| 130°   | 519.6 | 494.6 | 469.6 | 494.6 | 519.6 | 525.8  | 602.9 | 705.7 | 757.1 | 847.5  | 1028.3 |
| 132.5° | 535.2 | 510.2 | 485.2 | 510.2 | 535.2 | 541.4  | 612.1 | 706.4 | 753.6 | 834.5  | 996.4  |
| 135°   | 553.7 | 531.0 | 508.2 | 531.0 | 553.7 | 559.4  | 622.1 | 705.7 | 747.6 | 815.4  | 951.0  |
| 137.5° | 576.8 | 554.3 | 531.8 | 554.3 | 576.8 | 582.5  | 637.1 | 710.1 | 746.5 | 803.8  | 918.4  |
| 140°   | 592.8 | 572.1 | 551.4 | 572.1 | 592.8 | 598.1  | 646.4 | 710.9 | 743.0 | 792.5  | 891.6  |
| 142.5° | 604.8 | 585.6 | 566.4 | 585.6 | 604.8 | 609.6  | 654.1 | 713.4 | 743.0 | 786.5  | 873.5  |
| 145°   | 623.0 | 606.2 | 589.5 | 606.2 | 623.0 | 627.1  | 664.1 | 713.4 | 738.0 | 773.6  | 844.7  |
| 147.5° | 645.2 | 628.9 | 612.6 | 628.9 | 645.2 | 649.2  | 678.8 | 718.2 | 738.0 | 766.0  | 822.0  |
| 150°   | 657.1 | 642.4 | 627.6 | 642.4 | 657.1 | 660.8  | 686.5 | 720.8 | 738.0 | 761.6  | 808.9  |
| 152.5° | 665.5 | 654.4 | 643.2 | 654.4 | 665.5 | 668.3  | 691.6 | 722.5 | 738.0 | 758.1  | 798.6  |
| 155°   | 682.8 | 674.5 | 666.3 | 674.5 | 682.8 | 684.8  | 702.5 | 726.2 | 738.0 | 754.1  | 786.1  |
| 157.5° | 699.3 | 691.4 | 683.3 | 691.4 | 699.3 | 701.4  | 713.6 | 729.9 | 738.0 | 750.5  | 775.5  |
| 160°   | 707.4 | 701.1 | 694.9 | 701.1 | 707.4 | 708.9  | 718.6 | 731.5 | 738.0 | 748.6  | 770.1  |
| 162.5° | 715.8 | 711.1 | 706.4 | 711.1 | 715.8 | 717.0  | 723.9 | 733.3 | 738.0 | 747.0  | 765.1  |
| 165°   | 727.4 | 723.2 | 718.9 | 723.2 | 727.4 | 728.5  | 731.7 | 735.9 | 738.0 | 744.5  | 757.4  |
| 167.5° | 734.5 | 732.5 | 730.5 | 732.5 | 734.5 | 735.0  | 737.7 | 741.3 | 743.0 | 747.3  | 755.7  |
| 170°   | 742.1 | 740.0 | 738.0 | 740.0 | 742.1 | 742.5  | 742.7 | 742.9 | 743.0 | 747.3  | 755.7  |
| 172.5° | 742.9 | 742.4 | 742.1 | 742.4 | 742.9 | 743.0  | 743.0 | 743.0 | 743.0 | 746.3  | 753.0  |
| 175°   | 747.6 | 747.6 | 747.6 | 747.6 | 747.6 | 747.6  | 746.0 | 744.0 | 743.0 | 745.2  | 749.3  |
| 177.5° | 747.6 | 747.6 | 747.6 | 747.6 | 747.6 | 747.6  | 746.4 | 744.8 | 744.0 | 745.6  | 749.0  |
| 180°   | 747.6 | 747.6 | 747.6 | 747.6 | 747.6 | 747.6  | 747.6 | 747.6 | 747.6 | 747.6  | 747.6  |



TEST NUMBER: P935598  
 CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 |
| 2.5°   | 988.5  | 985.6  | 989.4  | 978.8  | 989.4  | 985.6  | 988.5  | 995.3  | 989.4  | 993.3  | 997.2  |
| 5°     | 867.4  | 862.5  | 847.0  | 834.4  | 847.0  | 862.5  | 867.4  | 887.7  | 897.4  | 914.8  | 938.1  |
| 7.5°   | 775.3  | 771.4  | 767.5  | 759.8  | 767.5  | 771.4  | 775.3  | 781.1  | 790.8  | 806.3  | 823.7  |
| 10°    | 754.9  | 755.9  | 761.7  | 760.8  | 761.7  | 755.9  | 754.9  | 753.0  | 750.1  | 753.0  | 763.7  |
| 12.5°  | 807.3  | 816.0  | 848.0  | 846.0  | 848.0  | 816.0  | 807.3  | 768.5  | 742.4  | 737.5  | 739.4  |
| 15°    | 867.4  | 870.3  | 877.0  | 878.0  | 877.0  | 870.3  | 867.4  | 851.8  | 773.4  | 739.4  | 728.8  |
| 17.5°  | 873.2  | 874.1  | 879.0  | 879.0  | 879.0  | 874.1  | 873.2  | 866.4  | 840.2  | 794.7  | 734.6  |
| 20°    | 868.3  | 870.3  | 879.9  | 881.9  | 879.9  | 870.3  | 868.3  | 859.6  | 845.1  | 828.6  | 783.0  |
| 22.5°  | 866.4  | 870.3  | 878.0  | 877.0  | 878.0  | 870.3  | 866.4  | 852.8  | 840.2  | 828.6  | 810.2  |
| 25°    | 856.7  | 856.7  | 857.7  | 858.6  | 857.7  | 856.7  | 856.7  | 846.0  | 820.8  | 817.9  | 807.3  |
| 27.5°  | 836.3  | 838.3  | 844.1  | 843.1  | 844.1  | 838.3  | 836.3  | 832.5  | 805.3  | 802.4  | 794.7  |
| 30°    | 817.9  | 816.0  | 811.1  | 807.3  | 811.1  | 816.0  | 817.9  | 812.1  | 785.0  | 777.2  | 779.2  |
| 32.5°  | 786.9  | 782.1  | 777.2  | 774.3  | 777.2  | 782.1  | 786.9  | 785.0  | 764.6  | 754.0  | 755.9  |
| 35°    | 750.1  | 751.1  | 750.1  | 747.2  | 750.1  | 751.1  | 750.1  | 752.0  | 739.4  | 729.8  | 728.8  |
| 37.5°  | 723.9  | 725.9  | 724.9  | 721.0  | 724.9  | 725.9  | 723.9  | 722.0  | 704.6  | 701.7  | 703.6  |
| 40°    | 696.8  | 697.8  | 696.8  | 693.9  | 696.8  | 697.8  | 696.8  | 692.9  | 668.7  | 669.7  | 676.5  |
| 42.5°  | 670.6  | 669.7  | 666.8  | 664.8  | 666.8  | 669.7  | 670.6  | 664.8  | 633.8  | 630.9  | 643.5  |
| 45°    | 640.6  | 641.6  | 635.8  | 632.9  | 635.8  | 641.6  | 640.6  | 636.7  | 604.8  | 597.0  | 605.7  |
| 47.5°  | 610.6  | 610.6  | 605.7  | 602.8  | 605.7  | 610.6  | 610.6  | 605.7  | 571.8  | 564.1  | 568.9  |
| 50°    | 578.6  | 577.6  | 570.8  | 569.9  | 570.8  | 577.6  | 578.6  | 575.7  | 539.8  | 533.0  | 533.0  |
| 52.5°  | 541.8  | 541.8  | 542.7  | 544.7  | 542.7  | 541.8  | 541.8  | 542.7  | 510.8  | 504.0  | 502.0  |
| 55°    | 509.8  | 510.8  | 517.5  | 519.5  | 517.5  | 510.8  | 509.8  | 509.8  | 480.7  | 473.9  | 470.1  |
| 57.5°  | 476.8  | 476.8  | 481.7  | 481.7  | 481.7  | 476.8  | 476.8  | 474.9  | 446.8  | 441.0  | 439.1  |
| 60°    | 439.1  | 441.0  | 444.9  | 443.9  | 444.9  | 441.0  | 439.1  | 437.1  | 412.9  | 409.0  | 402.2  |
| 62.5°  | 399.3  | 401.3  | 402.2  | 400.3  | 402.2  | 401.3  | 399.3  | 393.5  | 379.0  | 376.1  | 367.3  |
| 65°    | 357.7  | 359.6  | 360.6  | 358.6  | 360.6  | 359.6  | 357.7  | 354.8  | 344.0  | 339.2  | 331.4  |
| 67.5°  | 314.9  | 314.0  | 313.0  | 316.9  | 313.0  | 314.0  | 314.9  | 311.0  | 304.3  | 300.4  | 289.7  |
| 70°    | 271.3  | 271.3  | 270.4  | 272.3  | 270.4  | 271.3  | 271.3  | 268.4  | 264.5  | 261.6  | 251.9  |
| 72.5°  | 224.8  | 223.8  | 227.7  | 224.8  | 227.7  | 223.8  | 224.8  | 223.8  | 221.9  | 219.0  | 209.3  |
| 75°    | 179.3  | 181.2  | 179.3  | 182.2  | 179.3  | 181.2  | 179.3  | 180.2  | 179.3  | 177.3  | 170.5  |
| 77.5°  | 136.6  | 138.6  | 136.6  | 136.6  | 136.6  | 138.6  | 136.6  | 137.6  | 137.6  | 137.6  | 131.8  |
| 80°    | 96.9   | 95.9   | 95.9   | 95.0   | 95.9   | 95.9   | 96.9   | 96.9   | 97.9   | 95.9   | 94.0   |
| 82.5°  | 62.0   | 61.0   | 61.0   | 63.0   | 61.0   | 61.0   | 62.0   | 63.0   | 61.0   | 61.0   | 61.0   |
| 85°    | 33.9   | 34.9   | 32.9   | 32.9   | 32.9   | 34.9   | 33.9   | 32.0   | 33.9   | 33.9   | 32.9   |
| 87.5°  | 12.6   | 11.6   | 11.6   | 11.6   | 11.6   | 11.6   | 12.6   | 13.6   | 13.6   | 13.6   | 14.5   |
| 90°    | 19.1   | 19.1   | 19.1   | 19.1   | 19.1   | 19.1   | 19.1   | 25.4   | 33.8   | 38.1   | 32.8   |
| 92.5°  | 95.3   | 91.6   | 76.4   | 61.2   | 76.4   | 91.6   | 95.3   | 135.2  | 188.2  | 214.7  | 188.6  |
| 95°    | 323.6  | 312.1  | 266.2  | 220.3  | 266.2  | 312.1  | 323.6  | 425.0  | 560.1  | 627.6  | 530.0  |
| 97.5°  | 747.0  | 725.2  | 637.8  | 550.4  | 637.8  | 725.2  | 747.0  | 811.1  | 896.4  | 939.2  | 776.5  |
| 100°   | 1049.0 | 1023.0 | 918.9  | 814.7  | 918.9  | 1023.0 | 1049.0 | 1044.4 | 1038.1 | 1035.0 | 854.5  |
| 102.5° | 1307.0 | 1284.7 | 1195.5 | 1106.3 | 1195.5 | 1284.7 | 1307.0 | 1225.4 | 1116.6 | 1062.1 | 879.1  |
| 105°   | 1608.0 | 1595.9 | 1548.1 | 1500.1 | 1548.1 | 1595.9 | 1608.0 | 1425.0 | 1181.1 | 1059.1 | 881.9  |
| 107.5° | 1764.5 | 1767.4 | 1779.0 | 1790.6 | 1779.0 | 1767.4 | 1764.5 | 1509.3 | 1169.1 | 998.9  | 842.6  |
| 110°   | 1804.7 | 1817.2 | 1867.1 | 1917.0 | 1867.1 | 1817.2 | 1804.7 | 1519.4 | 1139.0 | 948.7  | 807.9  |



TEST NUMBER: P935598

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°  | 320°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1779.1 | 1798.3 | 1874.9 | 1951.7 | 1874.9 | 1798.3 | 1779.1 | 1487.1 | 1097.8 | 903.1 | 777.4 |
| 115°   | 1692.3 | 1718.8 | 1825.2 | 1931.6 | 1825.2 | 1718.8 | 1692.3 | 1411.0 | 1035.9 | 848.4 | 742.5 |
| 117.5° | 1572.3 | 1601.8 | 1719.8 | 1837.7 | 1719.8 | 1601.8 | 1572.3 | 1318.4 | 979.9  | 810.8 | 720.8 |
| 120°   | 1491.6 | 1520.3 | 1634.8 | 1749.4 | 1634.8 | 1520.3 | 1491.6 | 1259.6 | 950.4  | 795.7 | 713.5 |
| 122.5° | 1410.8 | 1439.1 | 1552.0 | 1665.1 | 1552.0 | 1439.1 | 1410.8 | 1201.9 | 923.5  | 784.2 | 709.6 |
| 125°   | 1303.9 | 1330.0 | 1434.0 | 1538.2 | 1434.0 | 1330.0 | 1303.9 | 1126.5 | 889.9  | 771.6 | 706.4 |
| 127.5° | 1218.1 | 1240.1 | 1327.9 | 1415.8 | 1327.9 | 1240.1 | 1218.1 | 1065.8 | 862.6  | 761.1 | 704.6 |
| 130°   | 1164.0 | 1184.2 | 1265.4 | 1346.6 | 1265.4 | 1184.2 | 1164.0 | 1028.3 | 847.5  | 757.1 | 705.7 |
| 132.5° | 1117.8 | 1136.0 | 1208.6 | 1281.3 | 1208.6 | 1136.0 | 1117.8 | 996.4  | 834.5  | 753.6 | 706.4 |
| 135°   | 1052.6 | 1068.3 | 1130.9 | 1193.5 | 1130.9 | 1068.3 | 1052.6 | 951.0  | 815.4  | 747.6 | 705.7 |
| 137.5° | 1004.4 | 1017.2 | 1068.5 | 1119.8 | 1068.5 | 1017.2 | 1004.4 | 918.4  | 803.8  | 746.5 | 710.1 |
| 140°   | 965.8  | 977.8  | 1025.7 | 1073.7 | 1025.7 | 977.8  | 965.8  | 891.6  | 792.5  | 743.0 | 710.9 |
| 142.5° | 938.7  | 948.9  | 990.2  | 1031.5 | 990.2  | 948.9  | 938.7  | 873.5  | 786.5  | 743.0 | 713.4 |
| 145°   | 898.1  | 905.9  | 937.1  | 968.3  | 937.1  | 905.9  | 898.1  | 844.7  | 773.6  | 738.0 | 713.4 |
| 147.5° | 864.0  | 870.5  | 896.2  | 922.1  | 896.2  | 870.5  | 864.0  | 822.0  | 766.0  | 738.0 | 718.2 |
| 150°   | 844.4  | 849.6  | 870.6  | 891.6  | 870.6  | 849.6  | 844.4  | 808.9  | 761.6  | 738.0 | 720.8 |
| 152.5° | 828.8  | 832.8  | 848.6  | 864.4  | 848.6  | 832.8  | 828.8  | 798.6  | 758.1  | 738.0 | 722.5 |
| 155°   | 810.3  | 812.9  | 823.4  | 833.8  | 823.4  | 812.9  | 810.3  | 786.1  | 754.1  | 738.0 | 726.2 |
| 157.5° | 794.2  | 796.0  | 803.4  | 810.8  | 803.4  | 796.0  | 794.2  | 775.5  | 750.5  | 738.0 | 729.9 |
| 160°   | 786.1  | 787.2  | 791.5  | 795.7  | 791.5  | 787.2  | 786.1  | 770.1  | 748.6  | 738.0 | 731.5 |
| 162.5° | 778.7  | 779.7  | 783.7  | 787.7  | 783.7  | 779.7  | 778.7  | 765.1  | 747.0  | 738.0 | 733.3 |
| 165°   | 767.1  | 768.1  | 772.4  | 776.7  | 772.4  | 768.1  | 767.1  | 757.4  | 744.5  | 738.0 | 735.9 |
| 167.5° | 762.1  | 762.6  | 764.3  | 766.1  | 764.3  | 762.6  | 762.1  | 755.7  | 747.3  | 743.0 | 741.3 |
| 170°   | 762.1  | 762.1  | 762.1  | 762.1  | 762.1  | 762.1  | 762.1  | 755.7  | 747.3  | 743.0 | 742.9 |
| 172.5° | 758.0  | 757.7  | 756.1  | 754.6  | 756.1  | 757.7  | 758.0  | 753.0  | 746.3  | 743.0 | 743.0 |
| 175°   | 752.5  | 752.5  | 752.5  | 752.5  | 752.5  | 752.5  | 752.5  | 749.3  | 745.2  | 743.0 | 744.0 |
| 177.5° | 751.6  | 751.1  | 749.3  | 747.6  | 749.3  | 751.1  | 751.6  | 749.0  | 745.6  | 744.0 | 744.8 |
| 180°   | 747.6  | 747.6  | 747.6  | 747.6  | 747.6  | 747.6  | 747.6  | 747.6  | 747.6  | 747.6 | 747.6 |



TEST NUMBER: P935598

CATALOG NUMBER: SQ4-FA-125U-075D-B35-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1024.3 | 1024.3 | 1024.3 | 1024.3 | 1024.3 |
| 2.5°   | 1011.7 | 1016.6 | 1019.5 | 1023.4 | 1033.1 |
| 5°     | 973.0  | 991.4  | 997.2  | 1011.7 | 1029.2 |
| 7.5°   | 887.7  | 943.9  | 959.4  | 994.3  | 1021.4 |
| 10°    | 805.3  | 861.5  | 888.7  | 971.0  | 1011.7 |
| 12.5°  | 763.7  | 796.6  | 815.0  | 930.3  | 998.2  |
| 15°    | 737.5  | 760.8  | 774.3  | 876.1  | 982.7  |
| 17.5°  | 717.2  | 733.6  | 743.3  | 822.8  | 961.3  |
| 20°    | 704.6  | 712.3  | 721.0  | 784.0  | 937.1  |
| 22.5°  | 695.8  | 691.0  | 697.8  | 756.9  | 904.2  |
| 25°    | 690.0  | 671.6  | 679.4  | 735.6  | 865.4  |
| 27.5°  | 694.9  | 654.2  | 657.1  | 716.2  | 824.7  |
| 30°    | 695.8  | 632.9  | 633.8  | 695.8  | 779.2  |
| 32.5°  | 689.1  | 610.6  | 611.5  | 670.6  | 727.8  |
| 35°    | 672.6  | 584.4  | 583.4  | 641.6  | 658.0  |
| 37.5°  | 650.3  | 556.3  | 556.3  | 609.6  | 581.5  |
| 40°    | 623.2  | 528.2  | 531.1  | 567.9  | 513.7  |
| 42.5°  | 590.2  | 498.2  | 502.0  | 512.7  | 463.3  |
| 45°    | 554.4  | 469.1  | 472.0  | 433.2  | 424.5  |
| 47.5°  | 514.6  | 439.1  | 440.0  | 359.6  | 411.9  |
| 50°    | 467.2  | 408.0  | 404.2  | 308.1  | 411.0  |
| 52.5°  | 425.5  | 374.1  | 362.5  | 279.1  | 373.2  |
| 55°    | 384.8  | 338.2  | 313.0  | 256.8  | 346.0  |
| 57.5°  | 348.9  | 291.7  | 267.4  | 230.6  | 340.1  |
| 60°    | 315.9  | 246.1  | 227.7  | 202.5  | 312.0  |
| 62.5°  | 288.8  | 212.2  | 208.3  | 183.1  | 282.9  |
| 65°    | 259.7  | 189.0  | 188.0  | 166.7  | 240.3  |
| 67.5°  | 231.6  | 173.5  | 172.5  | 151.2  | 183.1  |
| 70°    | 201.6  | 157.0  | 155.0  | 134.7  | 135.7  |
| 72.5°  | 170.5  | 138.6  | 136.6  | 121.1  | 112.4  |
| 75°    | 139.5  | 117.2  | 116.3  | 105.6  | 91.1   |
| 77.5°  | 109.5  | 93.0   | 95.0   | 85.3   | 66.9   |
| 80°    | 78.5   | 67.8   | 69.8   | 61.0   | 50.4   |
| 82.5°  | 52.3   | 44.6   | 46.5   | 38.8   | 33.9   |
| 85°    | 29.1   | 25.2   | 26.2   | 20.3   | 15.5   |
| 87.5°  | 13.6   | 11.6   | 11.6   | 7.8    | 4.8    |
| 90°    | 22.1   | 14.1   | 13.1   | 9.0    | 5.0    |
| 92.5°  | 136.1  | 96.8   | 88.3   | 54.2   | 20.1   |
| 95°    | 335.0  | 188.7  | 173.1  | 110.6  | 48.2   |
| 97.5°  | 451.2  | 207.2  | 193.4  | 138.3  | 83.2   |
| 100°   | 493.5  | 222.8  | 210.3  | 160.4  | 110.4  |
| 102.5° | 512.9  | 238.3  | 226.6  | 180.0  | 133.4  |
| 105°   | 527.3  | 261.4  | 251.6  | 212.1  | 172.6  |
| 107.5° | 530.0  | 295.5  | 286.3  | 249.5  | 212.7  |
| 110°   | 526.0  | 314.5  | 306.2  | 273.1  | 239.8  |



TEST NUMBER: P935598

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**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 526.1 | 337.6  | 329.7 | 298.1 | 266.4 |
| 115°   | 531.0 | 372.3  | 365.0 | 335.8 | 306.5 |
| 117.5° | 540.9 | 405.9  | 399.3 | 372.8 | 346.2 |
| 120°   | 548.9 | 425.5  | 419.3 | 394.3 | 369.3 |
| 122.5° | 560.5 | 448.6  | 442.3 | 417.1 | 391.9 |
| 125°   | 576.0 | 478.1  | 472.4 | 449.4 | 426.5 |
| 127.5° | 591.5 | 506.7  | 500.9 | 477.7 | 454.6 |
| 130°   | 602.9 | 525.8  | 519.6 | 494.6 | 469.6 |
| 132.5° | 612.1 | 541.4  | 535.2 | 510.2 | 485.2 |
| 135°   | 622.1 | 559.4  | 553.7 | 531.0 | 508.2 |
| 137.5° | 637.1 | 582.5  | 576.8 | 554.3 | 531.8 |
| 140°   | 646.4 | 598.1  | 592.8 | 572.1 | 551.4 |
| 142.5° | 654.1 | 609.6  | 604.8 | 585.6 | 566.4 |
| 145°   | 664.1 | 627.1  | 623.0 | 606.2 | 589.5 |
| 147.5° | 678.8 | 649.2  | 645.2 | 628.9 | 612.6 |
| 150°   | 686.5 | 660.8  | 657.1 | 642.4 | 627.6 |
| 152.5° | 691.6 | 668.3  | 665.5 | 654.4 | 643.2 |
| 155°   | 702.5 | 684.8  | 682.8 | 674.5 | 666.3 |
| 157.5° | 713.6 | 701.4  | 699.3 | 691.4 | 683.3 |
| 160°   | 718.6 | 708.9  | 707.4 | 701.1 | 694.9 |
| 162.5° | 723.9 | 717.0  | 715.8 | 711.1 | 706.4 |
| 165°   | 731.7 | 728.5  | 727.4 | 723.2 | 718.9 |
| 167.5° | 737.7 | 735.0  | 734.5 | 732.5 | 730.5 |
| 170°   | 742.7 | 742.5  | 742.1 | 740.0 | 738.0 |
| 172.5° | 743.0 | 743.0  | 742.9 | 742.4 | 742.1 |
| 175°   | 746.0 | 747.6  | 747.6 | 747.6 | 747.6 |
| 177.5° | 746.4 | 747.6  | 747.6 | 747.6 | 747.6 |
| 180°   | 747.6 | 747.6  | 747.6 | 747.6 | 747.6 |



TEST NUMBER: P935598  
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**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 | 11.10            | 11.84 | 12.17 | 12.91 | 14.38 | 13.89          | 14.64 | 14.97 | 15.71 | 17.18 |
|                 | 3H   | 11.56            | 12.23 | 12.65 | 13.31 | 14.80 | 15.22          | 15.89 | 16.30 | 16.97 | 18.45 |
|                 | 4H   | 11.75            | 12.38 | 12.84 | 13.47 | 14.95 | 15.65          | 16.28 | 16.74 | 17.37 | 18.86 |
|                 | 6H   | 11.86            | 12.44 | 12.96 | 13.53 | 15.03 | 15.92          | 16.50 | 17.02 | 17.59 | 19.09 |
|                 | 8H   | 11.86            | 12.41 | 12.97 | 13.52 | 15.01 | 15.99          | 16.54 | 17.10 | 17.65 | 19.14 |
|                 | 12H  | 11.83            | 12.35 | 12.94 | 13.45 | 14.97 | 16.02          | 16.54 | 17.13 | 17.64 | 19.16 |
| 4H              | 2H   | 12.11            | 12.74 | 13.21 | 13.82 | 15.31 | 14.29          | 14.92 | 15.39 | 16.01 | 17.49 |
|                 | 3H   | 13.12            | 13.65 | 14.23 | 14.76 | 16.26 | 15.77          | 16.30 | 16.88 | 17.41 | 18.91 |
|                 | 4H   | 13.39            | 13.88 | 14.50 | 14.98 | 16.50 | 16.29          | 16.77 | 17.40 | 17.87 | 19.40 |
|                 | 6H   | 13.51            | 13.93 | 14.63 | 15.05 | 16.56 | 16.64          | 17.06 | 17.76 | 18.18 | 19.69 |
|                 | 8H   | 13.51            | 13.90 | 14.63 | 15.02 | 16.55 | 16.74          | 17.13 | 17.86 | 18.24 | 19.77 |
|                 | 12H  | 13.48            | 13.83 | 14.61 | 14.95 | 16.49 | 16.79          | 17.14 | 17.92 | 18.27 | 19.80 |
| 8H              | 4H   | 13.83            | 14.22 | 14.95 | 15.33 | 16.87 | 16.41          | 16.79 | 17.53 | 17.91 | 19.44 |
|                 | 6H   | 14.09            | 14.41 | 15.23 | 15.57 | 17.09 | 16.83          | 17.15 | 17.97 | 18.31 | 19.84 |
|                 | 8H   | 14.13            | 14.41 | 15.28 | 15.55 | 17.10 | 16.98          | 17.25 | 18.12 | 18.39 | 19.94 |
|                 | 12H  | 14.11            | 14.35 | 15.26 | 15.49 | 17.07 | 17.06          | 17.31 | 18.21 | 18.44 | 20.03 |
| 12H             | 4H   | 13.83            | 14.18 | 14.97 | 15.31 | 16.85 | 16.37          | 16.72 | 17.50 | 17.84 | 19.38 |
|                 | 6H   | 14.15            | 14.43 | 15.29 | 15.56 | 17.11 | 16.83          | 17.11 | 17.97 | 18.24 | 19.79 |
|                 | 8H   | 14.21            | 14.45 | 15.36 | 15.59 | 17.17 | 16.98          | 17.22 | 18.13 | 18.36 | 19.94 |