

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:

Luminaire Tested: SQ4-FA-0U-075D-927-1D-UNV-STD-W-4

Issue Date: 8/1/2024

**Test Information**

Test Method: LM-79-2019  
Report Number:  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2301-892-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 8/1/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-0U-075D-927-1D-UNV-STD-W-4  
Description: CORELITE SQ4 SUSPENDED LED LUMINAIRE  
DOWNLIGHT 750 LUMENS PER FOOT  
DIRECT ONLY  
Light Source: 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

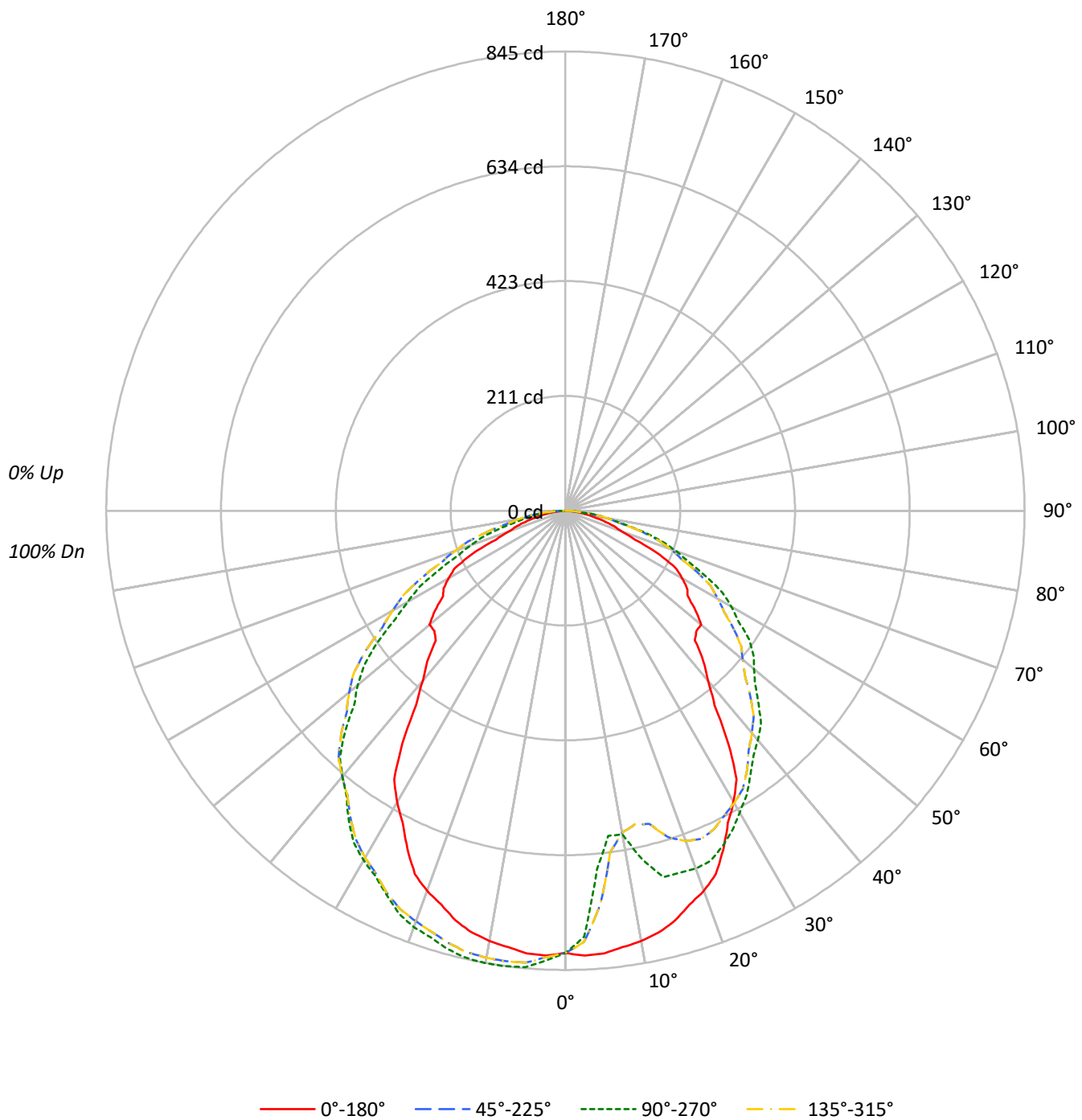
Lumens per Lamp: N/A  
Luminaire Lumens: 2108.7 lumens  
Efficiency: N/A  
Efficacy: 87.9 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular (W 0.29' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 24  
Input Voltage (V): 120  
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:

CATALOG NUMBER: SQ4-FA-0U-075D-927-1D-UNV-STD-W-4

### Luminous Intensity Polar Plot



TEST NUMBER:

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 |
| 1   | 109 | 105 | 100 | 97  | 106 | 102 | 98  | 95  | 98  | 95  | 92  | 94  | 92  | 89  | 91  | 88  | 87  |
| 2   | 99  | 91  | 85  | 79  | 97  | 90  | 83  | 78  | 86  | 81  | 76  | 83  | 78  | 75  | 80  | 76  | 73  |
| 3   | 91  | 81  | 73  | 66  | 88  | 79  | 72  | 66  | 76  | 70  | 64  | 73  | 68  | 63  | 71  | 66  | 62  |
| 4   | 83  | 71  | 63  | 56  | 81  | 70  | 62  | 56  | 68  | 61  | 55  | 65  | 59  | 54  | 63  | 58  | 54  |
| 5   | 77  | 64  | 55  | 49  | 75  | 63  | 54  | 48  | 61  | 53  | 48  | 59  | 52  | 47  | 57  | 51  | 47  |
| 6   | 71  | 58  | 49  | 42  | 69  | 57  | 48  | 42  | 55  | 47  | 42  | 53  | 47  | 41  | 52  | 46  | 41  |
| 7   | 66  | 52  | 44  | 38  | 64  | 51  | 43  | 37  | 50  | 43  | 37  | 48  | 42  | 37  | 47  | 41  | 37  |
| 8   | 61  | 48  | 39  | 33  | 60  | 47  | 39  | 33  | 46  | 38  | 33  | 44  | 38  | 33  | 43  | 37  | 33  |
| 9   | 57  | 44  | 36  | 30  | 56  | 43  | 35  | 30  | 42  | 35  | 30  | 41  | 34  | 30  | 40  | 34  | 30  |
| 10  | 54  | 40  | 33  | 27  | 52  | 40  | 32  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 37  | 31  | 27  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 7507 | 7507 | 7507 | 7507 |
| 5°  | 7572 | 6138 | 7572 | 7807 |
| 10° | 7529 | 5661 | 7529 | 7919 |
| 15° | 7456 | 6662 | 7456 | 7979 |
| 20° | 7309 | 6879 | 7309 | 8005 |
| 25° | 6999 | 6944 | 6999 | 7931 |
| 30° | 6593 | 6832 | 6593 | 7914 |
| 35° | 5887 | 6685 | 5887 | 7830 |
| 40° | 4914 | 6639 | 4914 | 7686 |
| 45° | 4400 | 6559 | 4400 | 7474 |
| 50° | 4685 | 6498 | 4685 | 7161 |
| 55° | 4420 | 6637 | 4420 | 6798 |
| 60° | 4574 | 6506 | 4574 | 6180 |
| 65° | 4168 | 6217 | 4168 | 5563 |
| 70° | 2908 | 5835 | 2908 | 4964 |
| 75° | 2581 | 5158 | 2581 | 4310 |
| 80° | 2125 | 4006 | 2125 | 3682 |
| 85° | 1302 | 2774 | 1302 | 3260 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 230°

Vertical Angle: 45°

Luminance: 7634 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 73.4   | 3.5       |
| 10°-20°   | 208.5  | 9.9       |
| 20°-30°   | 322.2  | 15.3      |
| 30°-40°   | 384.9  | 18.3      |
| 40°-50°   | 387.4  | 18.4      |
| 50°-60°   | 336.3  | 16.0      |
| 60°-70°   | 238.1  | 11.3      |
| 70°-80°   | 125.9  | 6.0       |
| 80°-90°   | 32.0   | 1.5       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 604.0  | 28.6      |
| 0°-40°    | 988.9  | 46.9      |
| 0°-60°    | 1712.6 | 81.2      |
| 0°-90°    | 2108.7 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2108.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 814 | 814 | 814  | 814  | 814  |      |
| 5°  | 818 | 663 | 818  | 843  | 818  | 77   |
| 15° | 781 | 698 | 781  | 835  | 781  | 219  |
| 25° | 688 | 682 | 688  | 779  | 688  | 315  |
| 35° | 523 | 594 | 523  | 695  | 523  | 323  |
| 45° | 337 | 503 | 337  | 573  | 337  | 272  |
| 55° | 275 | 413 | 275  | 423  | 275  | 253  |
| 65° | 191 | 285 | 191  | 255  | 191  | 182  |
| 75° | 72  | 145 | 72   | 121  | 72   | 76   |
| 85° | 12  | 26  | 12   | 31   | 12   | 18   |
| 90° | 0   | 0   | 0    | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 10°   | 20°   | 30°   | 40°   | 50°   | 60°   | 70°   | 80°   | 90°   | 100°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 |
| 2.5°  | 819.3 | 813.1 | 810.6 | 805.7 | 796.5 | 791.5 | 795.2 | 789.1 | 791.5 | 784.8 | 791.5 |
| 5°    | 817.6 | 803.7 | 792.2 | 772.9 | 745.2 | 712.9 | 705.2 | 685.2 | 672.8 | 662.8 | 672.8 |
| 7.5°  | 809.9 | 786.2 | 750.9 | 692.1 | 644.8 | 621.7 | 616.0 | 610.3 | 608.8 | 603.7 | 608.8 |
| 10°   | 803.7 | 771.4 | 705.9 | 639.7 | 606.6 | 595.9 | 598.2 | 600.5 | 605.1 | 604.3 | 605.1 |
| 12.5° | 795.1 | 745.5 | 659.1 | 613.3 | 591.2 | 590.9 | 608.0 | 638.7 | 659.9 | 658.5 | 659.9 |
| 15°   | 780.6 | 695.9 | 615.1 | 585.8 | 578.9 | 614.3 | 676.7 | 691.3 | 696.7 | 697.5 | 696.7 |
| 17.5° | 759.8 | 647.4 | 586.9 | 567.7 | 591.2 | 668.2 | 687.2 | 693.8 | 698.4 | 698.7 | 698.4 |
| 20°   | 744.4 | 622.8 | 572.8 | 559.7 | 622.0 | 671.3 | 682.8 | 691.3 | 699.0 | 700.6 | 699.0 |
| 22.5° | 723.5 | 605.6 | 558.0 | 554.1 | 639.3 | 668.2 | 678.5 | 691.3 | 697.8 | 697.5 | 697.8 |
| 25°   | 687.5 | 584.3 | 539.7 | 548.1 | 641.3 | 652.1 | 672.1 | 680.5 | 681.3 | 682.1 | 681.3 |
| 27.5° | 647.9 | 565.7 | 518.3 | 552.1 | 628.8 | 636.5 | 658.1 | 662.4 | 665.3 | 664.1 | 665.3 |
| 30°   | 618.9 | 552.7 | 503.5 | 552.7 | 618.9 | 623.6 | 645.1 | 648.2 | 644.4 | 641.3 | 644.4 |
| 32.5° | 586.3 | 536.7 | 489.3 | 548.4 | 604.2 | 610.6 | 627.9 | 626.6 | 622.8 | 620.3 | 622.8 |
| 35°   | 522.7 | 509.6 | 463.4 | 534.3 | 578.9 | 587.4 | 597.4 | 596.6 | 595.9 | 593.5 | 595.9 |
| 37.5° | 451.1 | 477.6 | 437.9 | 512.3 | 554.6 | 554.0 | 568.9 | 572.1 | 571.4 | 568.4 | 571.4 |
| 40°   | 408.0 | 451.1 | 421.9 | 495.0 | 537.3 | 531.2 | 550.4 | 554.3 | 553.5 | 551.2 | 553.5 |
| 42.5° | 376.0 | 416.0 | 403.4 | 474.1 | 516.4 | 509.0 | 532.6 | 536.4 | 534.4 | 532.7 | 534.4 |
| 45°   | 337.2 | 344.1 | 374.9 | 440.3 | 481.1 | 480.4 | 505.8 | 509.6 | 505.0 | 502.7 | 505.0 |
| 47.5° | 327.0 | 277.4 | 343.8 | 401.2 | 446.2 | 449.1 | 476.4 | 479.8 | 475.6 | 473.6 | 475.6 |
| 50°   | 326.4 | 244.8 | 321.0 | 371.1 | 423.4 | 428.8 | 457.3 | 458.8 | 453.4 | 452.7 | 453.4 |
| 52.5° | 302.4 | 226.3 | 294.5 | 344.6 | 403.7 | 410.3 | 436.3 | 436.0 | 435.6 | 436.7 | 435.6 |
| 55°   | 274.8 | 204.0 | 248.7 | 305.6 | 373.4 | 381.8 | 404.9 | 405.7 | 411.1 | 412.6 | 411.1 |
| 57.5° | 265.7 | 178.8 | 206.2 | 271.9 | 342.9 | 349.5 | 371.2 | 373.1 | 376.8 | 376.6 | 376.8 |
| 60°   | 247.9 | 160.9 | 180.9 | 251.0 | 319.5 | 328.0 | 347.2 | 350.3 | 353.4 | 352.6 | 353.4 |
| 62.5° | 229.4 | 148.6 | 168.6 | 233.7 | 297.3 | 306.4 | 319.5 | 325.0 | 326.3 | 324.9 | 326.3 |
| 65°   | 190.9 | 132.4 | 149.3 | 206.3 | 263.3 | 273.3 | 281.8 | 285.6 | 286.4 | 284.8 | 286.4 |
| 67.5° | 138.0 | 117.5 | 134.3 | 179.2 | 224.2 | 235.4 | 240.3 | 242.7 | 241.9 | 244.7 | 241.9 |
| 70°   | 107.8 | 107.0 | 123.2 | 160.1 | 200.2 | 210.2 | 213.2 | 215.6 | 214.8 | 216.3 | 214.8 |
| 72.5° | 93.0  | 98.4  | 111.5 | 140.4 | 173.1 | 183.1 | 184.9 | 185.4 | 187.7 | 186.1 | 187.7 |
| 75°   | 72.4  | 83.9  | 92.4  | 110.9 | 135.5 | 142.4 | 143.2 | 144.0 | 142.4 | 144.7 | 142.4 |
| 77.5° | 50.5  | 63.9  | 71.4  | 82.1  | 98.7  | 103.0 | 102.9 | 103.3 | 102.1 | 101.9 | 102.1 |
| 80°   | 40.0  | 48.5  | 55.4  | 62.4  | 74.7  | 77.8  | 77.0  | 76.2  | 76.2  | 75.4  | 76.2  |
| 82.5° | 29.6  | 34.3  | 40.6  | 45.7  | 53.7  | 54.4  | 55.4  | 54.0  | 54.0  | 55.1  | 54.0  |
| 85°   | 12.3  | 16.2  | 20.8  | 23.1  | 26.2  | 26.9  | 25.4  | 27.7  | 26.2  | 26.2  | 26.2  |
| 87.5° | 3.1   | 4.9   | 7.4   | 8.6   | 9.2   | 8.6   | 8.6   | 7.4   | 7.4   | 7.4   | 7.4   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 120°  | 130°  | 140°  | 150°  | 160°  | 170°  | 180°  | 190°  | 200°  | 210°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 |
| 2.5°  | 789.1 | 795.2 | 791.5 | 796.5 | 805.7 | 810.6 | 813.1 | 819.3 | 819.3 | 823.0 | 824.2 |
| 5°    | 685.2 | 705.2 | 712.9 | 745.2 | 772.9 | 792.2 | 803.7 | 817.6 | 823.7 | 832.2 | 835.3 |
| 7.5°  | 610.3 | 616.0 | 621.7 | 644.8 | 692.1 | 750.9 | 786.2 | 809.9 | 822.3 | 833.4 | 837.9 |
| 10°   | 600.5 | 598.2 | 595.9 | 606.6 | 639.7 | 705.9 | 771.4 | 803.7 | 819.9 | 832.2 | 836.0 |
| 12.5° | 638.7 | 608.0 | 590.9 | 591.2 | 613.3 | 659.1 | 745.5 | 795.1 | 816.2 | 827.9 | 832.3 |
| 15°   | 691.3 | 676.7 | 614.3 | 578.9 | 585.8 | 615.1 | 695.9 | 780.6 | 806.8 | 817.6 | 824.5 |
| 17.5° | 693.8 | 687.2 | 668.2 | 591.2 | 567.7 | 586.9 | 647.4 | 759.8 | 793.1 | 805.9 | 812.0 |
| 20°   | 691.3 | 682.8 | 671.3 | 622.0 | 559.7 | 572.8 | 622.8 | 744.4 | 781.4 | 796.0 | 802.2 |
| 22.5° | 691.3 | 678.5 | 668.2 | 639.3 | 554.1 | 558.0 | 605.6 | 723.5 | 769.1 | 784.3 | 790.5 |
| 25°   | 680.5 | 672.1 | 652.1 | 641.3 | 548.1 | 539.7 | 584.3 | 687.5 | 749.1 | 762.1 | 771.4 |
| 27.5° | 662.4 | 658.1 | 636.5 | 628.8 | 552.1 | 518.3 | 565.7 | 647.9 | 721.5 | 740.1 | 750.1 |
| 30°   | 648.2 | 645.1 | 623.6 | 618.9 | 552.7 | 503.5 | 552.7 | 618.9 | 697.5 | 722.9 | 736.0 |
| 32.5° | 626.6 | 627.9 | 610.6 | 604.2 | 548.4 | 489.3 | 536.7 | 586.3 | 661.8 | 705.0 | 720.6 |
| 35°   | 596.6 | 597.4 | 587.4 | 578.9 | 534.3 | 463.4 | 509.6 | 522.7 | 618.2 | 679.8 | 692.9 |
| 37.5° | 572.1 | 568.9 | 554.0 | 554.6 | 512.3 | 437.9 | 477.6 | 451.1 | 578.8 | 653.1 | 662.7 |
| 40°   | 554.3 | 550.4 | 531.2 | 537.3 | 495.0 | 421.9 | 451.1 | 408.0 | 541.2 | 632.8 | 640.5 |
| 42.5° | 536.4 | 532.6 | 509.0 | 516.4 | 474.1 | 403.4 | 416.0 | 376.0 | 499.9 | 611.3 | 613.4 |
| 45°   | 509.6 | 505.8 | 480.4 | 481.1 | 440.3 | 374.9 | 344.1 | 337.2 | 475.8 | 576.6 | 576.6 |
| 47.5° | 479.8 | 476.4 | 449.1 | 446.2 | 401.2 | 343.8 | 277.4 | 327.0 | 441.9 | 539.3 | 539.0 |
| 50°   | 458.8 | 457.3 | 428.8 | 423.4 | 371.1 | 321.0 | 244.8 | 326.4 | 417.3 | 507.3 | 515.0 |
| 52.5° | 436.0 | 436.3 | 410.3 | 403.7 | 344.6 | 294.5 | 226.3 | 302.4 | 387.1 | 466.1 | 490.4 |
| 55°   | 405.7 | 404.9 | 381.8 | 373.4 | 305.6 | 248.7 | 204.0 | 274.8 | 340.3 | 408.8 | 449.6 |
| 57.5° | 373.1 | 371.2 | 349.5 | 342.9 | 271.9 | 206.2 | 178.8 | 265.7 | 267.6 | 356.4 | 408.5 |
| 60°   | 350.3 | 347.2 | 328.0 | 319.5 | 251.0 | 180.9 | 160.9 | 247.9 | 204.8 | 319.5 | 376.5 |
| 62.5° | 325.0 | 319.5 | 306.4 | 297.3 | 233.7 | 168.6 | 148.6 | 229.4 | 159.8 | 277.6 | 345.7 |
| 65°   | 285.6 | 281.8 | 273.3 | 263.3 | 206.3 | 149.3 | 132.4 | 190.9 | 124.7 | 190.1 | 300.2 |
| 67.5° | 242.7 | 240.3 | 235.4 | 224.2 | 179.2 | 134.3 | 117.5 | 138.0 | 94.8  | 120.7 | 257.0 |
| 70°   | 215.6 | 213.2 | 210.2 | 200.2 | 160.1 | 123.2 | 107.0 | 107.8 | 67.7  | 89.3  | 228.6 |
| 72.5° | 185.4 | 184.9 | 183.1 | 173.1 | 140.4 | 111.5 | 98.4  | 93.0  | 57.3  | 70.2  | 199.7 |
| 75°   | 144.0 | 143.2 | 142.4 | 135.5 | 110.9 | 92.4  | 83.9  | 72.4  | 57.7  | 50.0  | 156.3 |
| 77.5° | 103.3 | 102.9 | 103.0 | 98.7  | 82.1  | 71.4  | 63.9  | 50.5  | 51.6  | 38.0  | 117.0 |
| 80°   | 76.2  | 77.0  | 77.8  | 74.7  | 62.4  | 55.4  | 48.5  | 40.0  | 42.3  | 30.0  | 89.3  |
| 82.5° | 54.0  | 55.4  | 54.4  | 53.7  | 45.7  | 40.6  | 34.3  | 29.6  | 30.0  | 23.9  | 66.5  |
| 85°   | 27.7  | 25.4  | 26.9  | 26.2  | 23.1  | 20.8  | 16.2  | 12.3  | 15.4  | 13.9  | 33.1  |
| 87.5° | 7.4   | 8.6   | 8.6   | 9.2   | 8.6   | 7.4   | 4.9   | 3.1   | 5.5   | 6.8   | 13.5  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 230°  | 240°  | 250°  | 260°  | 270°  | 280°  | 290°  | 300°  | 310°  | 320°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 | 813.7 |
| 2.5°  | 822.3 | 822.3 | 827.9 | 829.1 | 830.3 | 828.5 | 830.3 | 829.1 | 827.9 | 822.3 | 822.3 |
| 5°    | 834.5 | 834.5 | 842.2 | 844.5 | 844.5 | 843.0 | 844.5 | 844.5 | 842.2 | 834.5 | 834.5 |
| 7.5°  | 835.6 | 836.8 | 844.5 | 846.2 | 847.6 | 845.3 | 847.6 | 846.2 | 844.5 | 836.8 | 835.6 |
| 10°   | 833.7 | 836.8 | 844.5 | 846.8 | 847.6 | 845.3 | 847.6 | 846.8 | 844.5 | 836.8 | 833.7 |
| 12.5° | 831.3 | 833.7 | 841.4 | 843.1 | 844.5 | 842.8 | 844.5 | 843.1 | 841.4 | 833.7 | 831.3 |
| 15°   | 823.0 | 826.0 | 834.5 | 836.0 | 837.6 | 835.3 | 837.6 | 836.0 | 834.5 | 826.0 | 823.0 |
| 17.5° | 811.4 | 815.3 | 823.0 | 825.4 | 826.2 | 823.3 | 826.2 | 825.4 | 823.0 | 815.3 | 811.4 |
| 20°   | 802.2 | 806.0 | 813.7 | 816.8 | 817.6 | 815.3 | 817.6 | 816.8 | 813.7 | 806.0 | 802.2 |
| 22.5° | 790.5 | 796.8 | 803.9 | 805.1 | 804.0 | 801.7 | 804.0 | 805.1 | 803.9 | 796.8 | 790.5 |
| 25°   | 773.7 | 779.1 | 781.4 | 781.4 | 781.4 | 779.1 | 781.4 | 781.4 | 781.4 | 779.1 | 773.7 |
| 27.5° | 752.3 | 755.1 | 756.4 | 757.7 | 759.2 | 757.7 | 759.2 | 757.7 | 756.4 | 755.1 | 752.3 |
| 30°   | 737.5 | 736.0 | 739.8 | 742.9 | 744.4 | 742.9 | 744.4 | 742.9 | 739.8 | 736.0 | 737.5 |
| 32.5° | 717.2 | 718.1 | 723.8 | 725.6 | 726.0 | 724.4 | 726.0 | 725.6 | 723.8 | 718.1 | 717.2 |
| 35°   | 687.5 | 691.3 | 695.2 | 696.7 | 697.5 | 695.2 | 697.5 | 696.7 | 695.2 | 691.3 | 687.5 |
| 37.5° | 656.1 | 662.8 | 665.6 | 663.9 | 664.1 | 661.6 | 664.1 | 663.9 | 665.6 | 662.8 | 656.1 |
| 40°   | 635.1 | 641.3 | 642.8 | 640.5 | 641.3 | 638.2 | 641.3 | 640.5 | 642.8 | 641.3 | 635.1 |
| 42.5° | 615.4 | 620.3 | 618.8 | 615.9 | 615.4 | 614.2 | 615.4 | 615.9 | 618.8 | 620.3 | 615.4 |
| 45°   | 582.8 | 585.1 | 578.1 | 575.8 | 574.3 | 572.8 | 574.3 | 575.8 | 578.1 | 585.1 | 582.8 |
| 47.5° | 547.0 | 544.0 | 537.3 | 533.8 | 529.5 | 526.6 | 529.5 | 533.8 | 537.3 | 544.0 | 547.0 |
| 50°   | 524.3 | 515.0 | 509.6 | 501.2 | 498.1 | 498.9 | 498.1 | 501.2 | 509.6 | 515.0 | 524.3 |
| 52.5° | 496.5 | 485.5 | 477.0 | 469.8 | 467.3 | 466.8 | 467.3 | 469.8 | 477.0 | 485.5 | 496.5 |
| 55°   | 456.5 | 439.6 | 425.7 | 421.9 | 421.1 | 422.6 | 421.1 | 421.9 | 425.7 | 439.6 | 456.5 |
| 57.5° | 407.4 | 390.8 | 379.4 | 376.3 | 373.7 | 371.2 | 373.7 | 376.3 | 379.4 | 390.8 | 407.4 |
| 60°   | 374.1 | 358.7 | 348.0 | 344.9 | 338.0 | 334.9 | 338.0 | 344.9 | 348.0 | 358.7 | 374.1 |
| 62.5° | 344.6 | 326.1 | 317.8 | 311.6 | 306.5 | 301.6 | 306.5 | 311.6 | 317.8 | 326.1 | 344.6 |
| 65°   | 301.8 | 280.2 | 271.8 | 266.4 | 257.1 | 254.8 | 257.1 | 266.4 | 271.8 | 280.2 | 301.8 |
| 67.5° | 255.0 | 236.2 | 225.6 | 218.3 | 212.5 | 212.3 | 212.5 | 218.3 | 225.6 | 236.2 | 255.0 |
| 70°   | 224.8 | 207.9 | 197.8 | 189.4 | 184.8 | 184.0 | 184.8 | 189.4 | 197.8 | 207.9 | 224.8 |
| 72.5° | 195.2 | 178.9 | 170.1 | 162.3 | 158.3 | 157.5 | 158.3 | 162.3 | 170.1 | 178.9 | 195.2 |
| 75°   | 153.2 | 137.8 | 130.9 | 125.5 | 122.4 | 120.9 | 122.4 | 125.5 | 130.9 | 137.8 | 153.2 |
| 77.5° | 113.3 | 100.8 | 97.3  | 91.8  | 89.1  | 89.0  | 89.1  | 91.8  | 97.3  | 100.8 | 113.3 |
| 80°   | 89.3  | 79.3  | 73.9  | 70.8  | 70.1  | 69.3  | 70.1  | 70.8  | 73.9  | 79.3  | 89.3  |
| 82.5° | 64.7  | 59.0  | 55.4  | 53.6  | 53.4  | 52.0  | 53.4  | 53.6  | 55.4  | 59.0  | 64.7  |
| 85°   | 34.6  | 33.1  | 32.3  | 31.6  | 30.8  | 30.8  | 30.8  | 31.6  | 32.3  | 33.1  | 34.6  |
| 87.5° | 14.2  | 14.8  | 14.8  | 15.4  | 16.0  | 15.4  | 16.0  | 15.4  | 14.8  | 14.8  | 14.2  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



TEST NUMBER:

CATALOG NUMBER: SQ4-FA-0U-075D-927-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|       | 330°  | 340°  | 350°  | 360°  |
|-------|-------|-------|-------|-------|
| 0°    | 813.7 | 813.7 | 813.7 | 813.7 |
| 2.5°  | 824.2 | 823.0 | 819.3 | 819.3 |
| 5°    | 835.3 | 832.2 | 823.7 | 817.6 |
| 7.5°  | 837.9 | 833.4 | 822.3 | 809.9 |
| 10°   | 836.0 | 832.2 | 819.9 | 803.7 |
| 12.5° | 832.3 | 827.9 | 816.2 | 795.1 |
| 15°   | 824.5 | 817.6 | 806.8 | 780.6 |
| 17.5° | 812.0 | 805.9 | 793.1 | 759.8 |
| 20°   | 802.2 | 796.0 | 781.4 | 744.4 |
| 22.5° | 790.5 | 784.3 | 769.1 | 723.5 |
| 25°   | 771.4 | 762.1 | 749.1 | 687.5 |
| 27.5° | 750.1 | 740.1 | 721.5 | 647.9 |
| 30°   | 736.0 | 722.9 | 697.5 | 618.9 |
| 32.5° | 720.6 | 705.0 | 661.8 | 586.3 |
| 35°   | 692.9 | 679.8 | 618.2 | 522.7 |
| 37.5° | 662.7 | 653.1 | 578.8 | 451.1 |
| 40°   | 640.5 | 632.8 | 541.2 | 408.0 |
| 42.5° | 613.4 | 611.3 | 499.9 | 376.0 |
| 45°   | 576.6 | 576.6 | 475.8 | 337.2 |
| 47.5° | 539.0 | 539.3 | 441.9 | 327.0 |
| 50°   | 515.0 | 507.3 | 417.3 | 326.4 |
| 52.5° | 490.4 | 466.1 | 387.1 | 302.4 |
| 55°   | 449.6 | 408.8 | 340.3 | 274.8 |
| 57.5° | 408.5 | 356.4 | 267.6 | 265.7 |
| 60°   | 376.5 | 319.5 | 204.8 | 247.9 |
| 62.5° | 345.7 | 277.6 | 159.8 | 229.4 |
| 65°   | 300.2 | 190.1 | 124.7 | 190.9 |
| 67.5° | 257.0 | 120.7 | 94.8  | 138.0 |
| 70°   | 228.6 | 89.3  | 67.7  | 107.8 |
| 72.5° | 199.7 | 70.2  | 57.3  | 93.0  |
| 75°   | 156.3 | 50.0  | 57.7  | 72.4  |
| 77.5° | 117.0 | 38.0  | 51.6  | 50.5  |
| 80°   | 89.3  | 30.0  | 42.3  | 40.0  |
| 82.5° | 66.5  | 23.9  | 30.0  | 29.6  |
| 85°   | 33.1  | 13.9  | 15.4  | 12.3  |
| 87.5° | 13.5  | 6.8   | 5.5   | 3.1   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)