

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-125D-935-1D-UNV-STD-W-8

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-125D-935-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED LED LUMINAIRE  
DOWNLIGHT 1250 LUMENS PER FOOT  
DIRECT ONLY  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

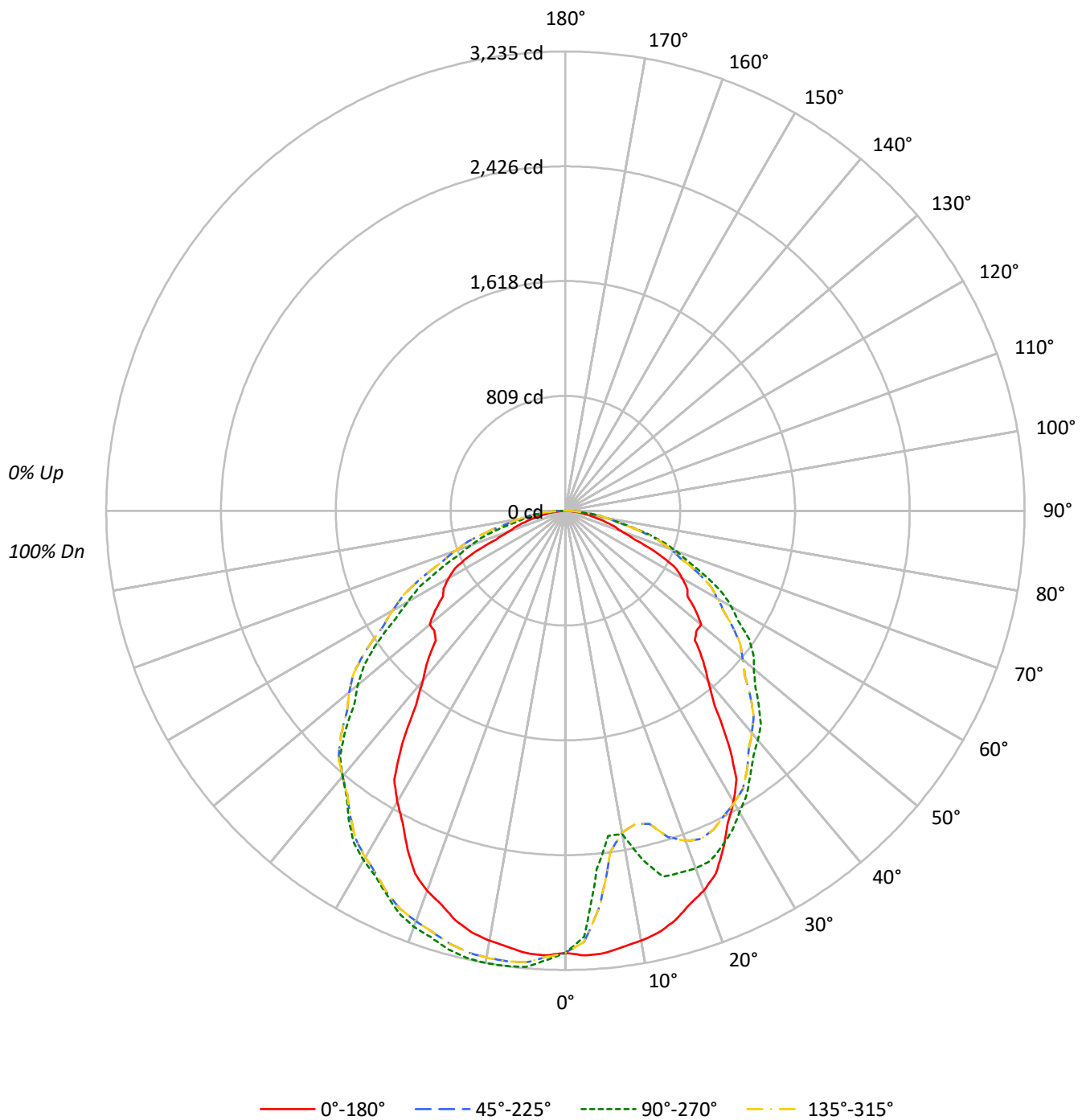
Lumens per Lamp: N/A  
Luminaire Lumens: 8069.5 lumens  
Efficiency: N/A  
Efficacy: 88.6 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular (W 0.29' x L: 8' x H: 0')  
CIE Type: Direct

Input Watts (W): 91.1  
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-125D-935-1D-UNV-STD-W-8

### 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  |     |     |  | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 100 |
| 1   | 109 | 105 | 100 | 97  | 106 | 102 | 98  | 95  | 98  | 95  | 92  |  | 94  | 92  | 89  |  | 85  |
| 2   | 99  | 91  | 85  | 79  | 97  | 90  | 83  | 78  | 86  | 81  | 76  |  | 83  | 78  | 75  |  | 71  |
| 3   | 91  | 81  | 73  | 66  | 88  | 79  | 72  | 66  | 76  | 70  | 64  |  | 73  | 68  | 63  |  | 60  |
| 4   | 83  | 71  | 63  | 56  | 81  | 70  | 62  | 56  | 68  | 61  | 55  |  | 65  | 59  | 54  |  | 51  |
| 5   | 77  | 64  | 55  | 49  | 75  | 63  | 54  | 48  | 61  | 53  | 48  |  | 59  | 52  | 47  |  | 45  |
| 6   | 71  | 58  | 49  | 42  | 69  | 57  | 48  | 42  | 55  | 47  | 42  |  | 53  | 47  | 41  |  | 39  |
| 7   | 66  | 52  | 44  | 38  | 64  | 51  | 43  | 37  | 50  | 43  | 37  |  | 48  | 42  | 37  |  | 35  |
| 8   | 61  | 48  | 39  | 33  | 60  | 47  | 39  | 33  | 46  | 38  | 33  |  | 44  | 38  | 33  |  | 31  |
| 9   | 57  | 44  | 36  | 30  | 56  | 43  | 35  | 30  | 42  | 35  | 30  |  | 41  | 34  | 30  |  | 28  |
| 10  | 54  | 40  | 33  | 27  | 52  | 40  | 32  | 27  | 39  | 32  | 27  |  | 38  | 32  | 27  |  | 25  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 14365 | 14365 | 14365 | 14365 |
| 5°  | 14488 | 11746 | 14488 | 14938 |
| 10° | 14407 | 10833 | 14407 | 15152 |
| 15° | 14267 | 12747 | 14267 | 15265 |
| 20° | 13985 | 13161 | 13985 | 15316 |
| 25° | 13391 | 13286 | 13391 | 15175 |
| 30° | 12617 | 13072 | 12617 | 15143 |
| 35° | 11265 | 12792 | 11265 | 14982 |
| 40° | 9403  | 12703 | 9403  | 14707 |
| 45° | 8418  | 12551 | 8418  | 14300 |
| 50° | 8964  | 12432 | 8964  | 13700 |
| 55° | 8459  | 12700 | 8459  | 13008 |
| 60° | 8752  | 12449 | 8752  | 11823 |
| 65° | 7975  | 11898 | 7975  | 10644 |
| 70° | 5562  | 11165 | 5562  | 9497  |
| 75° | 4935  | 9873  | 4935  | 8243  |
| 80° | 4070  | 7670  | 4070  | 7043  |
| 85° | 2493  | 5304  | 2493  | 6235  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 230°

Vertical Angle: 45°

Luminance: 14607 cd/sqm

TEST NUMBER:

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 280.7  | 3.5       |
| 10°-20°   | 797.8  | 9.9       |
| 20°-30°   | 1232.9 | 15.3      |
| 30°-40°   | 1473.0 | 18.3      |
| 40°-50°   | 1482.5 | 18.4      |
| 50°-60°   | 1287.1 | 16.0      |
| 60°-70°   | 911.1  | 11.3      |
| 70°-80°   | 481.9  | 6.0       |
| 80°-90°   | 122.6  | 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°    | 2311.3 | 28.6      |
| 0°-40°    | 3784.3 | 46.9      |
| 0°-60°    | 6553.8 | 81.2      |
| 0°-90°    | 8069.5 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 8069.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3114 | 3114 | 3114 | 3114 | 3114 |      |
| 5°  | 3129 | 2536 | 3129 | 3226 | 3129 | 297  |
| 15° | 2987 | 2669 | 2987 | 3196 | 2987 | 840  |
| 25° | 2631 | 2610 | 2631 | 2981 | 2631 | 1207 |
| 35° | 2000 | 2271 | 2000 | 2660 | 2000 | 1235 |
| 45° | 1290 | 1924 | 1290 | 2192 | 1290 | 1039 |
| 55° | 1052 | 1579 | 1052 | 1617 | 1052 | 967  |
| 65° | 731  | 1090 | 731  | 975  | 731  | 695  |
| 75° | 277  | 554  | 277  | 462  | 277  | 292  |
| 85° | 47   | 100  | 47   | 118  | 47   | 68   |
| 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°    | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 |
| 2.5°  | 3135.2 | 3111.6 | 3102.2 | 3083.3 | 3048.0 | 3029.1 | 3043.3 | 3019.7 | 3029.1 | 3003.2 | 3029.1 |
| 5°    | 3128.7 | 3075.7 | 3031.5 | 2957.8 | 2851.8 | 2728.0 | 2698.6 | 2622.0 | 2574.8 | 2536.5 | 2574.8 |
| 7.5°  | 3099.2 | 3008.5 | 2873.6 | 2648.5 | 2467.6 | 2379.2 | 2357.4 | 2335.6 | 2329.7 | 2310.3 | 2329.7 |
| 10°   | 3075.7 | 2951.9 | 2701.5 | 2448.2 | 2321.5 | 2280.2 | 2289.1 | 2297.9 | 2315.6 | 2312.6 | 2315.6 |
| 12.5° | 3042.7 | 2852.9 | 2522.4 | 2346.8 | 2262.6 | 2261.4 | 2326.8 | 2444.0 | 2525.3 | 2520.0 | 2525.3 |
| 15°   | 2987.3 | 2663.2 | 2353.9 | 2241.9 | 2215.4 | 2350.9 | 2589.6 | 2645.5 | 2666.2 | 2669.1 | 2666.2 |
| 17.5° | 2907.7 | 2477.6 | 2246.1 | 2172.4 | 2262.6 | 2557.2 | 2629.6 | 2655.0 | 2672.6 | 2673.8 | 2672.6 |
| 20°   | 2848.8 | 2383.3 | 2191.9 | 2141.8 | 2380.4 | 2568.9 | 2613.1 | 2645.5 | 2675.0 | 2680.9 | 2675.0 |
| 22.5° | 2768.7 | 2317.4 | 2135.3 | 2120.6 | 2446.4 | 2557.2 | 2596.6 | 2645.5 | 2670.3 | 2669.1 | 2670.3 |
| 25°   | 2630.8 | 2236.0 | 2065.2 | 2097.6 | 2454.0 | 2495.3 | 2571.9 | 2604.3 | 2607.2 | 2610.2 | 2607.2 |
| 27.5° | 2479.4 | 2164.7 | 1983.3 | 2112.9 | 2406.3 | 2435.8 | 2518.3 | 2534.8 | 2546.0 | 2541.3 | 2546.0 |
| 30°   | 2368.6 | 2115.3 | 1926.7 | 2115.3 | 2368.6 | 2386.3 | 2468.8 | 2480.6 | 2465.8 | 2454.0 | 2465.8 |
| 32.5° | 2243.7 | 2054.0 | 1872.5 | 2098.8 | 2312.0 | 2336.8 | 2402.8 | 2398.1 | 2383.3 | 2373.9 | 2383.3 |
| 35°   | 2000.4 | 1950.3 | 1773.5 | 2044.5 | 2215.4 | 2247.8 | 2286.1 | 2283.2 | 2280.2 | 2271.4 | 2280.2 |
| 37.5° | 1726.4 | 1827.7 | 1675.7 | 1960.3 | 2122.3 | 2120.0 | 2177.1 | 2189.5 | 2186.5 | 2175.4 | 2186.5 |
| 40°   | 1561.4 | 1726.4 | 1614.4 | 1894.3 | 2056.3 | 2032.8 | 2106.4 | 2121.1 | 2118.2 | 2109.4 | 2118.2 |
| 42.5° | 1438.8 | 1592.0 | 1543.7 | 1814.2 | 1976.2 | 1947.9 | 2038.1 | 2052.8 | 2045.1 | 2038.7 | 2045.1 |
| 45°   | 1290.4 | 1316.9 | 1434.7 | 1685.1 | 1841.3 | 1838.3 | 1935.5 | 1950.3 | 1932.6 | 1923.8 | 1932.6 |
| 47.5° | 1251.5 | 1061.8 | 1315.7 | 1535.5 | 1707.5 | 1718.7 | 1823.0 | 1836.0 | 1820.1 | 1812.4 | 1820.1 |
| 50°   | 1249.1 | 936.8  | 1228.5 | 1420.0 | 1620.3 | 1640.9 | 1749.9 | 1755.8 | 1735.2 | 1732.3 | 1735.2 |
| 52.5° | 1157.2 | 866.1  | 1127.2 | 1318.6 | 1544.9 | 1570.2 | 1669.8 | 1668.6 | 1666.9 | 1671.0 | 1666.9 |
| 55°   | 1051.7 | 780.7  | 951.6  | 1169.6 | 1428.8 | 1461.2 | 1549.6 | 1552.6 | 1573.2 | 1579.1 | 1573.2 |
| 57.5° | 1017.0 | 684.1  | 788.9  | 1040.5 | 1312.2 | 1337.5 | 1420.6 | 1427.6 | 1441.8 | 1441.2 | 1441.8 |
| 60°   | 948.6  | 615.7  | 692.3  | 960.4  | 1222.6 | 1255.0 | 1328.7 | 1340.4 | 1352.2 | 1349.3 | 1352.2 |
| 62.5° | 877.9  | 568.6  | 645.2  | 894.4  | 1137.8 | 1172.5 | 1222.6 | 1243.8 | 1248.5 | 1243.2 | 1248.5 |
| 65°   | 730.6  | 506.7  | 571.5  | 789.5  | 1007.5 | 1045.8 | 1078.2 | 1093.0 | 1095.9 | 1090.0 | 1095.9 |
| 67.5° | 527.9  | 449.6  | 513.8  | 685.8  | 857.9  | 900.9  | 919.8  | 928.6  | 925.6  | 936.3  | 925.6  |
| 70°   | 412.4  | 409.5  | 471.4  | 612.8  | 766.0  | 804.3  | 816.1  | 824.9  | 821.9  | 827.8  | 821.9  |
| 72.5° | 355.9  | 376.5  | 426.6  | 537.4  | 662.3  | 700.6  | 707.6  | 709.4  | 718.2  | 712.4  | 718.2  |
| 75°   | 276.9  | 321.1  | 353.5  | 424.2  | 518.5  | 545.0  | 548.0  | 550.9  | 545.0  | 553.9  | 545.0  |
| 77.5° | 193.3  | 244.5  | 273.4  | 314.0  | 377.7  | 394.2  | 393.6  | 395.4  | 390.6  | 390.1  | 390.6  |
| 80°   | 153.2  | 185.6  | 212.1  | 238.6  | 285.8  | 297.5  | 294.6  | 291.7  | 291.7  | 288.7  | 291.7  |
| 82.5° | 113.1  | 131.4  | 155.6  | 175.0  | 205.6  | 208.0  | 212.1  | 206.8  | 206.8  | 210.9  | 206.8  |
| 85°   | 47.1   | 61.9   | 79.5   | 88.4   | 100.2  | 103.1  | 97.2   | 106.1  | 100.2  | 100.2  | 100.2  |
| 87.5° | 11.8   | 18.9   | 28.3   | 33.0   | 35.4   | 33.0   | 33.0   | 28.3   | 28.3   | 28.3   | 28.3   |
| 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°    | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 |
| 2.5°  | 3019.7 | 3043.3 | 3029.1 | 3048.0 | 3083.3 | 3102.2 | 3111.6 | 3135.2 | 3135.2 | 3149.3 | 3154.0 |
| 5°    | 2622.0 | 2698.6 | 2728.0 | 2851.8 | 2957.8 | 3031.5 | 3075.7 | 3128.7 | 3152.3 | 3184.7 | 3196.4 |
| 7.5°  | 2335.6 | 2357.4 | 2379.2 | 2467.6 | 2648.5 | 2873.6 | 3008.5 | 3099.2 | 3147.0 | 3189.4 | 3206.5 |
| 10°   | 2297.9 | 2289.1 | 2280.2 | 2321.5 | 2448.2 | 2701.5 | 2951.9 | 3075.7 | 3137.5 | 3184.7 | 3199.4 |
| 12.5° | 2444.0 | 2326.8 | 2261.4 | 2262.6 | 2346.8 | 2522.4 | 2852.9 | 3042.7 | 3123.4 | 3168.2 | 3185.3 |
| 15°   | 2645.5 | 2589.6 | 2350.9 | 2215.4 | 2241.9 | 2353.9 | 2663.2 | 2987.3 | 3087.4 | 3128.7 | 3155.2 |
| 17.5° | 2655.0 | 2629.6 | 2557.2 | 2262.6 | 2172.4 | 2246.1 | 2477.6 | 2907.7 | 3035.0 | 3083.9 | 3107.5 |
| 20°   | 2645.5 | 2613.1 | 2568.9 | 2380.4 | 2141.8 | 2191.9 | 2383.3 | 2848.8 | 2990.2 | 3046.2 | 3069.8 |
| 22.5° | 2645.5 | 2596.6 | 2557.2 | 2446.4 | 2120.6 | 2135.3 | 2317.4 | 2768.7 | 2943.1 | 3001.4 | 3025.0 |
| 25°   | 2604.3 | 2571.9 | 2495.3 | 2454.0 | 2097.6 | 2065.2 | 2236.0 | 2630.8 | 2866.5 | 2916.6 | 2951.9 |
| 27.5° | 2534.8 | 2518.3 | 2435.8 | 2406.3 | 2112.9 | 1983.3 | 2164.7 | 2479.4 | 2761.0 | 2832.3 | 2870.6 |
| 30°   | 2480.6 | 2468.8 | 2386.3 | 2368.6 | 2115.3 | 1926.7 | 2115.3 | 2368.6 | 2669.1 | 2766.3 | 2816.4 |
| 32.5° | 2398.1 | 2402.8 | 2336.8 | 2312.0 | 2098.8 | 1872.5 | 2054.0 | 2243.7 | 2532.4 | 2698.0 | 2757.5 |
| 35°   | 2283.2 | 2286.1 | 2247.8 | 2215.4 | 2044.5 | 1773.5 | 1950.3 | 2000.4 | 2365.7 | 2601.3 | 2651.4 |
| 37.5° | 2189.5 | 2177.1 | 2120.0 | 2122.3 | 1960.3 | 1675.7 | 1827.7 | 1726.4 | 2214.8 | 2499.4 | 2535.9 |
| 40°   | 2121.1 | 2106.4 | 2032.8 | 2056.3 | 1894.3 | 1614.4 | 1726.4 | 1561.4 | 2071.1 | 2421.6 | 2451.1 |
| 42.5° | 2052.8 | 2038.1 | 1947.9 | 1976.2 | 1814.2 | 1543.7 | 1592.0 | 1438.8 | 1913.2 | 2339.2 | 2347.4 |
| 45°   | 1950.3 | 1935.5 | 1838.3 | 1841.3 | 1685.1 | 1434.7 | 1316.9 | 1290.4 | 1820.7 | 2206.6 | 2206.6 |
| 47.5° | 1836.0 | 1823.0 | 1718.7 | 1707.5 | 1535.5 | 1315.7 | 1061.8 | 1251.5 | 1691.0 | 2064.0 | 2062.8 |
| 50°   | 1755.8 | 1749.9 | 1640.9 | 1620.3 | 1420.0 | 1228.5 | 936.8  | 1249.1 | 1596.8 | 1941.4 | 1970.9 |
| 52.5° | 1668.6 | 1669.8 | 1570.2 | 1544.9 | 1318.6 | 1127.2 | 866.1  | 1157.2 | 1481.3 | 1783.5 | 1876.6 |
| 55°   | 1552.6 | 1549.6 | 1461.2 | 1428.8 | 1169.6 | 951.6  | 780.7  | 1051.7 | 1302.1 | 1564.3 | 1720.5 |
| 57.5° | 1427.6 | 1420.6 | 1337.5 | 1312.2 | 1040.5 | 788.9  | 684.1  | 1017.0 | 1024.0 | 1364.0 | 1563.2 |
| 60°   | 1340.4 | 1328.7 | 1255.0 | 1222.6 | 960.4  | 692.3  | 615.7  | 948.6  | 783.6  | 1222.6 | 1440.6 |
| 62.5° | 1243.8 | 1222.6 | 1172.5 | 1137.8 | 894.4  | 645.2  | 568.6  | 877.9  | 611.6  | 1062.3 | 1322.8 |
| 65°   | 1093.0 | 1078.2 | 1045.8 | 1007.5 | 789.5  | 571.5  | 506.7  | 730.6  | 477.3  | 727.7  | 1149.0 |
| 67.5° | 928.6  | 919.8  | 900.9  | 857.9  | 685.8  | 513.8  | 449.6  | 527.9  | 363.0  | 461.9  | 983.4  |
| 70°   | 824.9  | 816.1  | 804.3  | 766.0  | 612.8  | 471.4  | 409.5  | 412.4  | 259.3  | 341.7  | 875.0  |
| 72.5° | 709.4  | 707.6  | 700.6  | 662.3  | 537.4  | 426.6  | 376.5  | 355.9  | 219.2  | 268.7  | 764.2  |
| 75°   | 550.9  | 548.0  | 545.0  | 518.5  | 424.2  | 353.5  | 321.1  | 276.9  | 221.0  | 191.5  | 598.0  |
| 77.5° | 395.4  | 393.6  | 394.2  | 377.7  | 314.0  | 273.4  | 244.5  | 193.3  | 197.4  | 145.5  | 447.8  |
| 80°   | 291.7  | 294.6  | 297.5  | 285.8  | 238.6  | 212.1  | 185.6  | 153.2  | 162.0  | 114.9  | 341.7  |
| 82.5° | 206.8  | 212.1  | 208.0  | 205.6  | 175.0  | 155.6  | 131.4  | 113.1  | 114.9  | 91.3   | 254.5  |
| 85°   | 106.1  | 97.2   | 103.1  | 100.2  | 88.4   | 79.5   | 61.9   | 47.1   | 58.9   | 53.0   | 126.7  |
| 87.5° | 28.3   | 33.0   | 33.0   | 35.4   | 33.0   | 28.3   | 18.9   | 11.8   | 21.2   | 25.9   | 51.9   |
| 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°    | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 | 3114.0 |
| 2.5°  | 3147.0 | 3147.0 | 3168.2 | 3172.9 | 3177.6 | 3170.5 | 3177.6 | 3172.9 | 3168.2 | 3147.0 | 3147.0 |
| 5°    | 3193.5 | 3193.5 | 3223.0 | 3231.8 | 3231.8 | 3225.9 | 3231.8 | 3231.8 | 3223.0 | 3193.5 | 3193.5 |
| 7.5°  | 3197.6 | 3202.3 | 3231.8 | 3238.3 | 3243.6 | 3234.7 | 3243.6 | 3238.3 | 3231.8 | 3202.3 | 3197.6 |
| 10°   | 3190.6 | 3202.3 | 3231.8 | 3240.6 | 3243.6 | 3234.7 | 3243.6 | 3240.6 | 3231.8 | 3202.3 | 3190.6 |
| 12.5° | 3181.1 | 3190.6 | 3220.0 | 3226.5 | 3231.8 | 3225.3 | 3231.8 | 3226.5 | 3220.0 | 3190.6 | 3181.1 |
| 15°   | 3149.3 | 3161.1 | 3193.5 | 3199.4 | 3205.3 | 3196.4 | 3205.3 | 3199.4 | 3193.5 | 3161.1 | 3149.3 |
| 17.5° | 3105.1 | 3119.9 | 3149.3 | 3158.7 | 3161.7 | 3150.5 | 3161.7 | 3158.7 | 3149.3 | 3119.9 | 3105.1 |
| 20°   | 3069.8 | 3084.5 | 3114.0 | 3125.7 | 3128.7 | 3119.9 | 3128.7 | 3125.7 | 3114.0 | 3084.5 | 3069.8 |
| 22.5° | 3025.0 | 3049.1 | 3076.3 | 3081.0 | 3076.8 | 3068.0 | 3076.8 | 3081.0 | 3076.3 | 3049.1 | 3025.0 |
| 25°   | 2960.8 | 2981.4 | 2990.2 | 2990.2 | 2990.2 | 2981.4 | 2990.2 | 2990.2 | 2990.2 | 2981.4 | 2960.8 |
| 27.5° | 2878.9 | 2889.5 | 2894.8 | 2899.5 | 2905.4 | 2899.5 | 2905.4 | 2899.5 | 2894.8 | 2889.5 | 2878.9 |
| 30°   | 2822.3 | 2816.4 | 2831.1 | 2842.9 | 2848.8 | 2842.9 | 2848.8 | 2842.9 | 2831.1 | 2816.4 | 2822.3 |
| 32.5° | 2744.5 | 2748.1 | 2769.9 | 2776.9 | 2778.1 | 2772.2 | 2778.1 | 2776.9 | 2769.9 | 2748.1 | 2744.5 |
| 35°   | 2630.8 | 2645.5 | 2660.3 | 2666.2 | 2669.1 | 2660.3 | 2669.1 | 2666.2 | 2660.3 | 2645.5 | 2630.8 |
| 37.5° | 2510.6 | 2536.5 | 2547.1 | 2540.7 | 2541.3 | 2531.8 | 2541.3 | 2540.7 | 2547.1 | 2536.5 | 2510.6 |
| 40°   | 2430.5 | 2454.0 | 2459.9 | 2451.1 | 2454.0 | 2442.3 | 2454.0 | 2451.1 | 2459.9 | 2454.0 | 2430.5 |
| 42.5° | 2355.1 | 2373.9 | 2368.0 | 2356.8 | 2355.1 | 2350.3 | 2355.1 | 2356.8 | 2368.0 | 2373.9 | 2355.1 |
| 45°   | 2230.1 | 2239.0 | 2212.5 | 2203.6 | 2197.7 | 2191.9 | 2197.7 | 2203.6 | 2212.5 | 2239.0 | 2230.1 |
| 47.5° | 2093.5 | 2081.7 | 2056.3 | 2042.8 | 2026.3 | 2015.1 | 2026.3 | 2042.8 | 2056.3 | 2081.7 | 2093.5 |
| 50°   | 2006.3 | 1970.9 | 1950.3 | 1917.9 | 1906.1 | 1909.0 | 1906.1 | 1917.9 | 1950.3 | 1970.9 | 2006.3 |
| 52.5° | 1900.2 | 1857.8 | 1825.4 | 1797.7 | 1788.2 | 1786.5 | 1788.2 | 1797.7 | 1825.4 | 1857.8 | 1900.2 |
| 55°   | 1747.0 | 1682.2 | 1629.2 | 1614.4 | 1611.5 | 1617.4 | 1611.5 | 1614.4 | 1629.2 | 1682.2 | 1747.0 |
| 57.5° | 1559.0 | 1495.4 | 1451.8 | 1440.0 | 1430.0 | 1420.6 | 1430.0 | 1440.0 | 1451.8 | 1495.4 | 1559.0 |
| 60°   | 1431.8 | 1372.9 | 1331.6 | 1319.8 | 1293.3 | 1281.5 | 1293.3 | 1319.8 | 1331.6 | 1372.9 | 1431.8 |
| 62.5° | 1318.6 | 1247.9 | 1216.1 | 1192.6 | 1173.1 | 1154.3 | 1173.1 | 1192.6 | 1216.1 | 1247.9 | 1318.6 |
| 65°   | 1154.8 | 1072.4 | 1040.0 | 1019.3 | 984.0  | 975.1  | 984.0  | 1019.3 | 1040.0 | 1072.4 | 1154.8 |
| 67.5° | 975.7  | 903.8  | 863.2  | 835.5  | 813.1  | 812.5  | 813.1  | 835.5  | 863.2  | 903.8  | 975.7  |
| 70°   | 860.2  | 795.4  | 757.1  | 724.7  | 707.0  | 704.1  | 707.0  | 724.7  | 757.1  | 795.4  | 860.2  |
| 72.5° | 747.1  | 684.7  | 651.1  | 621.0  | 605.7  | 602.8  | 605.7  | 621.0  | 651.1  | 684.7  | 747.1  |
| 75°   | 586.3  | 527.3  | 500.8  | 480.2  | 468.4  | 462.5  | 468.4  | 480.2  | 500.8  | 527.3  | 586.3  |
| 77.5° | 433.7  | 385.9  | 372.4  | 351.2  | 341.2  | 340.6  | 341.2  | 351.2  | 372.4  | 385.9  | 433.7  |
| 80°   | 341.7  | 303.4  | 282.8  | 271.0  | 268.1  | 265.1  | 268.1  | 271.0  | 282.8  | 303.4  | 341.7  |
| 82.5° | 247.5  | 225.7  | 212.1  | 205.0  | 204.5  | 199.2  | 204.5  | 205.0  | 212.1  | 225.7  | 247.5  |
| 85°   | 132.6  | 126.7  | 123.7  | 120.8  | 117.8  | 117.8  | 117.8  | 120.8  | 123.7  | 126.7  | 132.6  |
| 87.5° | 54.2   | 56.6   | 56.6   | 58.9   | 61.3   | 58.9   | 61.3   | 58.9   | 56.6   | 56.6   | 54.2   |
| 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-125D-935-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 340°   | 350°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 3114.0 | 3114.0 | 3114.0 | 3114.0 |
| 2.5°  | 3154.0 | 3149.3 | 3135.2 | 3135.2 |
| 5°    | 3196.4 | 3184.7 | 3152.3 | 3128.7 |
| 7.5°  | 3206.5 | 3189.4 | 3147.0 | 3099.2 |
| 10°   | 3199.4 | 3184.7 | 3137.5 | 3075.7 |
| 12.5° | 3185.3 | 3168.2 | 3123.4 | 3042.7 |
| 15°   | 3155.2 | 3128.7 | 3087.4 | 2987.3 |
| 17.5° | 3107.5 | 3083.9 | 3035.0 | 2907.7 |
| 20°   | 3069.8 | 3046.2 | 2990.2 | 2848.8 |
| 22.5° | 3025.0 | 3001.4 | 2943.1 | 2768.7 |
| 25°   | 2951.9 | 2916.6 | 2866.5 | 2630.8 |
| 27.5° | 2870.6 | 2832.3 | 2761.0 | 2479.4 |
| 30°   | 2816.4 | 2766.3 | 2669.1 | 2368.6 |
| 32.5° | 2757.5 | 2698.0 | 2532.4 | 2243.7 |
| 35°   | 2651.4 | 2601.3 | 2365.7 | 2000.4 |
| 37.5° | 2535.9 | 2499.4 | 2214.8 | 1726.4 |
| 40°   | 2451.1 | 2421.6 | 2071.1 | 1561.4 |
| 42.5° | 2347.4 | 2339.2 | 1913.2 | 1438.8 |
| 45°   | 2206.6 | 2206.6 | 1820.7 | 1290.4 |
| 47.5° | 2062.8 | 2064.0 | 1691.0 | 1251.5 |
| 50°   | 1970.9 | 1941.4 | 1596.8 | 1249.1 |
| 52.5° | 1876.6 | 1783.5 | 1481.3 | 1157.2 |
| 55°   | 1720.5 | 1564.3 | 1302.1 | 1051.7 |
| 57.5° | 1563.2 | 1364.0 | 1024.0 | 1017.0 |
| 60°   | 1440.6 | 1222.6 | 783.6  | 948.6  |
| 62.5° | 1322.8 | 1062.3 | 611.6  | 877.9  |
| 65°   | 1149.0 | 727.7  | 477.3  | 730.6  |
| 67.5° | 983.4  | 461.9  | 363.0  | 527.9  |
| 70°   | 875.0  | 341.7  | 259.3  | 412.4  |
| 72.5° | 764.2  | 268.7  | 219.2  | 355.9  |
| 75°   | 598.0  | 191.5  | 221.0  | 276.9  |
| 77.5° | 447.8  | 145.5  | 197.4  | 193.3  |
| 80°   | 341.7  | 114.9  | 162.0  | 153.2  |
| 82.5° | 254.5  | 91.3   | 114.9  | 113.1  |
| 85°   | 126.7  | 53.0   | 58.9   | 47.1   |
| 87.5° | 51.9   | 25.9   | 21.2   | 11.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)