

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: P938600

Luminaire Tested: SQ4-FB-150U-125D-B35-1D-UNV-W2A-W-8

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P938600  
REPORT IS A COMBINATION OF REPORTS P933648 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FB-150U-125D-B35-1D-UNV-W2A-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L  
Light Source: -  
Ballast/Driver: -

**Summary**

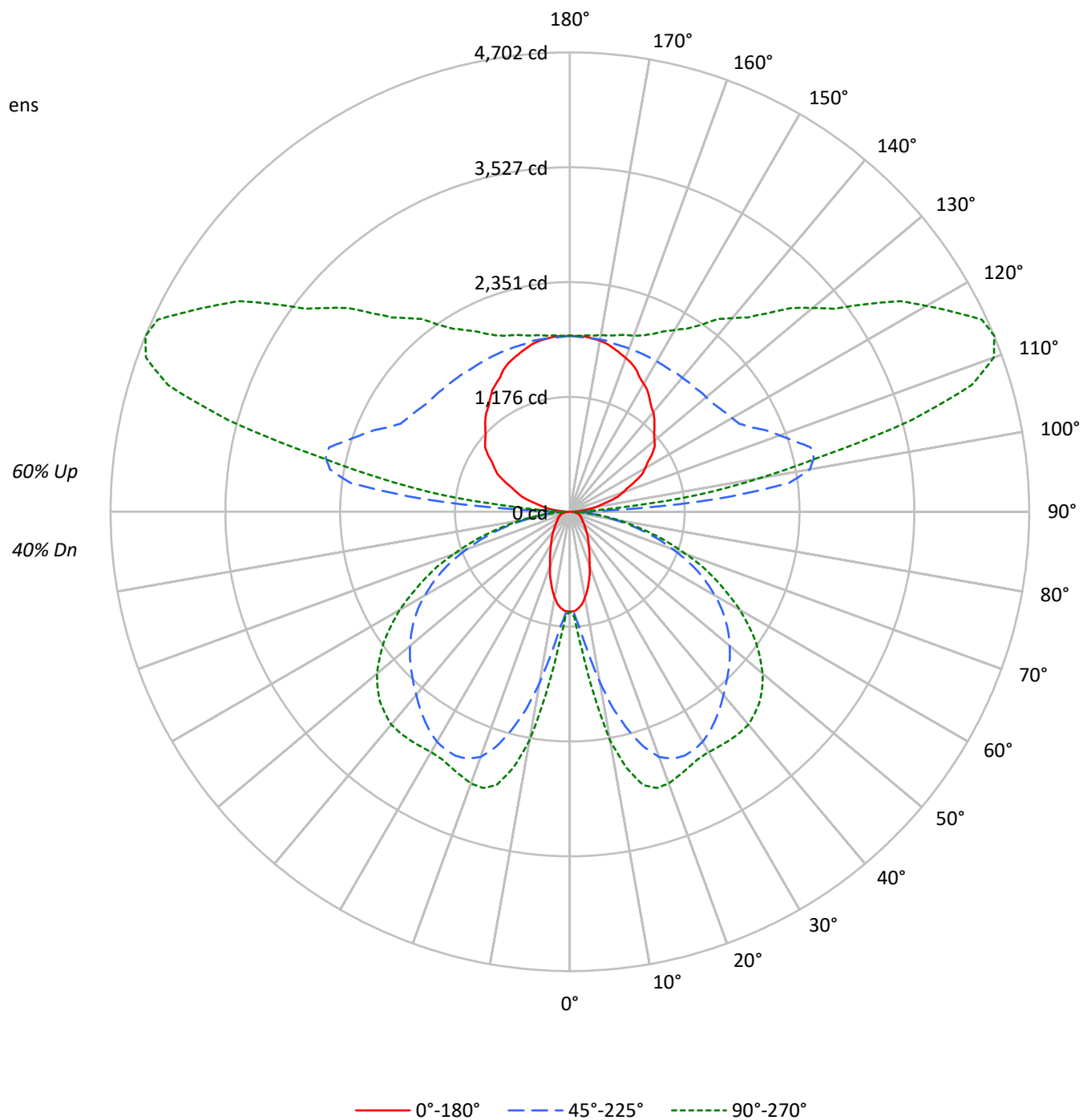
Lumens per Lamp: N/A  
Luminaire Lumens: 19572.9 lumens  
Efficiency: N/A  
Efficacy: 117.6 lumens/watt  
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 166.4  
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: P938600

CATALOG NUMBER: SQ4-FB-150U-125D-B35-1D-UNV-W2A-W-8

### Luminous Intensity Polar Plot



TEST NUMBER: P938600

CATALOG NUMBER: SQ4-FB-150U-125D-B35-1D-UNV-W2A-W-8

**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   | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 |
| 1   | 95  | 91  | 87  | 83  | 86 | 83 | 79 | 76 | 68 | 65 | 63 | 54 | 52 | 51 | 41 | 40 | 39 |
| 2   | 86  | 79  | 72  | 67  | 78 | 72 | 66 | 62 | 59 | 55 | 51 | 47 | 44 | 42 | 36 | 34 | 32 |
| 3   | 78  | 69  | 61  | 55  | 71 | 63 | 56 | 51 | 51 | 47 | 43 | 41 | 37 | 35 | 31 | 29 | 27 |
| 4   | 71  | 60  | 52  | 46  | 65 | 55 | 48 | 43 | 45 | 40 | 36 | 36 | 32 | 29 | 27 | 25 | 23 |
| 5   | 65  | 53  | 45  | 39  | 59 | 49 | 42 | 36 | 40 | 35 | 30 | 32 | 28 | 25 | 24 | 22 | 19 |
| 6   | 60  | 48  | 39  | 34  | 54 | 44 | 36 | 31 | 36 | 30 | 26 | 29 | 25 | 21 | 22 | 19 | 17 |
| 7   | 55  | 43  | 35  | 29  | 50 | 39 | 32 | 27 | 32 | 27 | 23 | 26 | 22 | 19 | 20 | 17 | 15 |
| 8   | 51  | 39  | 31  | 25  | 46 | 35 | 28 | 24 | 29 | 24 | 20 | 23 | 19 | 16 | 18 | 15 | 13 |
| 9   | 47  | 35  | 27  | 22  | 43 | 32 | 25 | 21 | 27 | 21 | 18 | 21 | 17 | 15 | 17 | 14 | 11 |
| 10  | 44  | 32  | 25  | 20  | 40 | 29 | 23 | 18 | 24 | 19 | 16 | 20 | 16 | 13 | 15 | 12 | 10 |

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

|     | 0°   | 45°   | 90°   |
|-----|------|-------|-------|
| 0°  | 4732 | 4732  | 4732  |
| 5°  | 4623 | 5470  | 6361  |
| 10° | 4194 | 7973  | 10546 |
| 15° | 3564 | 10416 | 12734 |
| 20° | 2901 | 12071 | 12977 |
| 25° | 2421 | 12632 | 12714 |
| 30° | 2041 | 12711 | 12690 |
| 35° | 1805 | 12500 | 13018 |
| 40° | 1573 | 12226 | 13357 |
| 45° | 1424 | 12025 | 13409 |
| 50° | 1306 | 11844 | 13187 |
| 55° | 1252 | 11580 | 12603 |
| 60° | 1281 | 11071 | 11680 |
| 65° | 1332 | 10298 | 10412 |
| 70° | 1419 | 8981  | 8796  |
| 75° | 1574 | 7323  | 6864  |
| 80° | 1719 | 5078  | 4625  |
| 85° | 1528 | 2695  | 2368  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 13409 cd/sqm

TEST NUMBER: P938600

CATALOG NUMBER: SQ4-FB-150U-125D-B35-1D-UNV-W2A-W-8

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 131.9   | 0.7       |
| 10°-20°   | 584.8   | 3.0       |
| 20°-30°   | 1022.8  | 5.2       |
| 30°-40°   | 1316.7  | 6.7       |
| 40°-50°   | 1470.7  | 7.5       |
| 50°-60°   | 1408.6  | 7.2       |
| 60°-70°   | 1116.3  | 5.7       |
| 70°-80°   | 656.4   | 3.4       |
| 80°-90°   | 189.2   | 1.0       |
| 90°-100°  | 877.9   | 4.5       |
| 100°-110° | 2308.1  | 11.8      |
| 110°-120° | 2393.2  | 12.2      |
| 120°-130° | 1919.7  | 9.8       |
| 130°-140° | 1506.3  | 7.7       |
| 140°-150° | 1156.1  | 5.9       |
| 150°-160° | 832.6   | 4.3       |
| 160°-170° | 509.4   | 2.6       |
| 170°-180° | 172.1   | 0.9       |
| 0°-30°    | 1739.5  | 8.9       |
| 0°-40°    | 3056.2  | 15.6      |
| 0°-60°    | 5935.5  | 30.3      |
| 0°-90°    | 7897.5  | 40.3      |
| 90°-120°  | 5579.2  | 28.5      |
| 90°-150°  | 10161.3 | 51.9      |
| 90°-180°  | 11675.0 | 59.6      |
| 0°-180°   | 19572.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 1020 | 1020  | 1020 | 1020  | 1020 |      |
| 5°   | 994  | 1066  | 1200 | 1358  | 1407 | 92   |
| 15°  | 744  | 1374  | 2315 | 2807  | 2896 | 207  |
| 25°  | 476  | 1558  | 2758 | 2880  | 2883 | 219  |
| 35°  | 321  | 1489  | 2598 | 2745  | 2853 | 201  |
| 45°  | 220  | 1187  | 2296 | 2630  | 2748 | 170  |
| 55°  | 158  | 754   | 1948 | 2263  | 2325 | 143  |
| 65°  | 125  | 400   | 1446 | 1627  | 1650 | 123  |
| 75°  | 92   | 246   | 794  | 872   | 876  | 96   |
| 85°  | 33   | 75    | 197  | 216   | 220  | 35   |
| 90°  | 12   | 34    | 92   | 46    | 46   | 12   |
| 95°  | 116  | 454   | 1512 | 780   | 531  | 129  |
| 105° | 416  | 630   | 2552 | 3874  | 3614 | 441  |
| 115° | 739  | 897   | 2044 | 4077  | 4654 | 729  |
| 125° | 1027 | 1152  | 1859 | 3142  | 3706 | 912  |
| 135° | 1224 | 1348  | 1801 | 2536  | 2876 | 947  |
| 145° | 1420 | 1511  | 1778 | 2164  | 2333 | 890  |
| 155° | 1605 | 1650  | 1778 | 1952  | 2009 | 738  |
| 165° | 1732 | 1755  | 1778 | 1848  | 1871 | 489  |
| 175° | 1801 | 1801  | 1790 | 1813  | 1813 | 171  |
| 180° | 1801 | 1801  | 1801 | 1801  | 1801 |      |

TEST NUMBER: P938600

CATALOG NUMBER: SQ4-FB-150U-125D-B35-1D-UNV-W2A-W-8

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1020.0 | 1020.0 | 1020.0 | 1020.0 | 1020.0 | 1020.0 | 1020.0 | 1020.0 | 1020.0 | 1020.0 | 1020.0 |
| 2.5°   | 1020.0 | 1020.0 | 1026.6 | 1029.9 | 1036.3 | 1039.6 | 1046.2 | 1052.8 | 1072.5 | 1075.8 | 1082.3 |
| 5°     | 993.7  | 1006.9 | 1049.5 | 1065.9 | 1111.8 | 1174.1 | 1200.4 | 1243.0 | 1331.5 | 1357.8 | 1374.1 |
| 7.5°   | 954.4  | 983.9  | 1088.9 | 1115.1 | 1229.9 | 1393.9 | 1462.7 | 1554.6 | 1695.6 | 1764.5 | 1820.3 |
| 10°    | 892.1  | 954.4  | 1141.3 | 1203.6 | 1390.6 | 1639.8 | 1767.7 | 1895.7 | 2108.8 | 2204.0 | 2240.0 |
| 12.5°  | 823.2  | 924.9  | 1197.1 | 1282.4 | 1551.3 | 1915.3 | 2069.5 | 2210.5 | 2453.2 | 2581.1 | 2600.8 |
| 15°    | 744.5  | 882.3  | 1249.5 | 1374.1 | 1721.8 | 2144.9 | 2315.4 | 2489.3 | 2715.6 | 2807.4 | 2830.4 |
| 17.5°  | 675.6  | 849.4  | 1298.8 | 1430.0 | 1853.0 | 2351.6 | 2525.3 | 2669.7 | 2853.3 | 2915.6 | 2932.0 |
| 20°    | 590.3  | 797.0  | 1331.5 | 1502.0 | 1990.8 | 2502.4 | 2669.7 | 2781.1 | 2905.8 | 2945.2 | 2951.7 |
| 22.5°  | 528.0  | 741.2  | 1351.3 | 1528.3 | 2082.6 | 2594.2 | 2735.3 | 2823.8 | 2909.0 | 2922.2 | 2925.5 |
| 25°    | 475.6  | 678.9  | 1348.0 | 1557.9 | 2161.4 | 2650.0 | 2758.3 | 2823.8 | 2873.0 | 2879.6 | 2879.6 |
| 27.5°  | 426.4  | 610.0  | 1334.8 | 1564.5 | 2220.4 | 2663.1 | 2748.4 | 2794.3 | 2817.3 | 2830.4 | 2830.4 |
| 30°    | 383.7  | 544.4  | 1302.0 | 1551.3 | 2246.6 | 2650.0 | 2718.8 | 2741.8 | 2764.8 | 2784.4 | 2794.3 |
| 32.5°  | 351.0  | 482.1  | 1252.8 | 1525.0 | 2249.8 | 2617.2 | 2666.4 | 2679.5 | 2712.3 | 2758.3 | 2774.6 |
| 35°    | 321.4  | 419.8  | 1197.1 | 1489.0 | 2230.2 | 2564.7 | 2597.5 | 2610.6 | 2676.2 | 2745.1 | 2768.0 |
| 37.5°  | 291.9  | 373.8  | 1124.9 | 1426.7 | 2200.7 | 2502.4 | 2525.3 | 2548.3 | 2650.0 | 2732.0 | 2758.3 |
| 40°    | 262.4  | 334.5  | 1039.6 | 1357.8 | 2154.8 | 2427.0 | 2446.6 | 2482.7 | 2617.2 | 2712.3 | 2738.5 |
| 42.5°  | 239.4  | 301.7  | 947.9  | 1285.7 | 2095.8 | 2341.7 | 2371.2 | 2423.7 | 2577.8 | 2679.5 | 2709.0 |
| 45°    | 219.8  | 268.9  | 849.4  | 1187.2 | 2020.3 | 2253.1 | 2295.8 | 2367.9 | 2531.9 | 2630.4 | 2656.5 |
| 47.5°  | 200.1  | 245.9  | 747.8  | 1085.6 | 1938.3 | 2164.6 | 2220.4 | 2302.3 | 2469.6 | 2564.7 | 2587.7 |
| 50°    | 183.6  | 223.1  | 646.1  | 977.3  | 1849.7 | 2069.5 | 2135.1 | 2220.4 | 2390.9 | 2479.5 | 2508.9 |
| 52.5°  | 170.5  | 203.3  | 551.0  | 869.1  | 1748.1 | 1971.0 | 2046.5 | 2135.1 | 2295.8 | 2381.0 | 2400.7 |
| 55°    | 157.5  | 186.9  | 469.0  | 754.4  | 1643.1 | 1866.1 | 1948.2 | 2033.4 | 2190.8 | 2263.0 | 2276.1 |
| 57.5°  | 150.9  | 173.8  | 400.1  | 646.1  | 1531.6 | 1748.1 | 1839.9 | 1918.6 | 2066.2 | 2121.9 | 2135.1 |
| 60°    | 141.0  | 164.0  | 347.7  | 554.3  | 1410.3 | 1636.5 | 1715.2 | 1794.0 | 1918.6 | 1964.6 | 1974.3 |
| 62.5°  | 131.2  | 157.5  | 308.3  | 465.7  | 1285.7 | 1505.3 | 1584.1 | 1656.2 | 1761.2 | 1794.0 | 1807.1 |
| 65°    | 124.6  | 150.9  | 278.8  | 400.1  | 1157.8 | 1367.6 | 1446.3 | 1508.6 | 1593.9 | 1626.8 | 1633.2 |
| 67.5°  | 118.0  | 144.3  | 255.8  | 344.4  | 1029.9 | 1229.9 | 1288.9 | 1348.0 | 1413.6 | 1446.3 | 1449.6 |
| 70°    | 108.2  | 137.8  | 236.1  | 305.0  | 898.7  | 1072.5 | 1121.6 | 1183.9 | 1236.4 | 1252.8 | 1262.7 |
| 72.5°  | 101.6  | 127.9  | 223.1  | 275.5  | 764.2  | 921.6  | 967.5  | 1003.6 | 1049.5 | 1065.9 | 1065.9 |
| 75°    | 91.9   | 114.8  | 209.9  | 245.9  | 626.5  | 754.4  | 793.7  | 829.8  | 865.8  | 872.4  | 862.6  |
| 77.5°  | 82.0   | 101.6  | 180.4  | 206.6  | 488.7  | 596.9  | 629.7  | 649.4  | 678.9  | 685.5  | 688.8  |
| 80°    | 68.9   | 88.6   | 141.0  | 160.7  | 354.2  | 439.4  | 462.4  | 478.9  | 505.0  | 505.0  | 511.6  |
| 82.5°  | 52.5   | 68.9   | 101.6  | 114.8  | 239.4  | 301.7  | 321.4  | 331.2  | 347.7  | 347.7  | 347.7  |
| 85°    | 32.8   | 42.6   | 65.6   | 75.4   | 144.3  | 183.6  | 196.8  | 200.1  | 213.2  | 216.5  | 216.5  |
| 87.5°  | 16.4   | 23.0   | 42.6   | 45.9   | 75.4   | 95.2   | 95.2   | 101.6  | 101.6  | 98.4   | 95.2   |
| 90°    | 12.1   | 21.8   | 31.4   | 33.8   | 53.2   | 79.0   | 91.9   | 81.7   | 61.2   | 45.9   | 45.9   |
| 92.5°  | 48.4   | 130.5  | 212.8  | 233.3  | 328.0  | 454.3  | 517.3  | 453.4  | 325.6  | 229.7  | 220.5  |
| 95°    | 116.1  | 266.5  | 416.9  | 454.5  | 807.0  | 1277.0 | 1512.1 | 1349.3 | 1023.8 | 779.7  | 751.9  |
| 97.5°  | 200.7  | 333.3  | 466.1  | 499.2  | 1087.1 | 1870.9 | 2262.8 | 2159.9 | 1954.2 | 1799.8 | 1747.2 |
| 100°   | 265.9  | 386.2  | 506.6  | 536.7  | 1189.1 | 2058.7 | 2493.6 | 2501.2 | 2516.2 | 2527.4 | 2464.7 |
| 102.5° | 321.5  | 433.8  | 546.0  | 574.1  | 1235.8 | 2117.8 | 2558.9 | 2690.0 | 2952.2 | 3148.8 | 3095.1 |
| 105°   | 415.8  | 510.9  | 606.0  | 629.8  | 1270.4 | 2124.5 | 2551.7 | 2845.6 | 3433.3 | 3874.1 | 3845.2 |
| 107.5° | 512.5  | 601.2  | 689.7  | 711.9  | 1276.9 | 2030.1 | 2406.6 | 2816.5 | 3636.4 | 4251.2 | 4258.2 |
| 110°   | 577.8  | 657.9  | 737.9  | 757.9  | 1267.2 | 1946.2 | 2285.8 | 2744.0 | 3660.5 | 4347.9 | 4377.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 641.9  | 718.1  | 794.4  | 813.5  | 1267.5 | 1873.0 | 2175.7 | 2644.7 | 3582.7 | 4286.2 | 4332.4 |
| 115°   | 738.6  | 808.9  | 879.3  | 896.9  | 1279.3 | 1789.1 | 2044.0 | 2495.8 | 3399.3 | 4077.1 | 4141.1 |
| 117.5° | 834.0  | 898.0  | 961.9  | 977.9  | 1303.0 | 1736.5 | 1953.3 | 2361.1 | 3176.6 | 3788.2 | 3859.2 |
| 120°   | 889.6  | 949.8  | 1010.0 | 1025.0 | 1322.4 | 1718.8 | 1917.1 | 2289.7 | 3034.8 | 3593.6 | 3662.6 |
| 122.5° | 944.0  | 1004.8 | 1065.4 | 1080.6 | 1350.2 | 1709.6 | 1889.3 | 2224.7 | 2895.8 | 3399.0 | 3467.1 |
| 125°   | 1027.4 | 1082.8 | 1138.1 | 1151.9 | 1387.6 | 1701.9 | 1859.0 | 2144.0 | 2714.0 | 3141.5 | 3204.2 |
| 127.5° | 1095.2 | 1151.0 | 1206.9 | 1220.8 | 1425.1 | 1697.5 | 1833.6 | 2078.3 | 2567.8 | 2934.8 | 2987.7 |
| 130°   | 1131.4 | 1191.6 | 1251.8 | 1266.8 | 1452.5 | 1700.1 | 1823.9 | 2041.8 | 2477.5 | 2804.3 | 2853.2 |
| 132.5° | 1168.9 | 1229.1 | 1289.3 | 1304.3 | 1474.7 | 1702.0 | 1815.5 | 2010.5 | 2400.5 | 2693.0 | 2736.8 |
| 135°   | 1224.4 | 1279.3 | 1334.1 | 1347.8 | 1498.8 | 1700.3 | 1801.0 | 1964.4 | 2291.0 | 2536.0 | 2573.7 |
| 137.5° | 1281.3 | 1335.6 | 1389.7 | 1403.3 | 1535.1 | 1710.8 | 1798.7 | 1936.7 | 2212.8 | 2419.9 | 2450.8 |
| 140°   | 1328.4 | 1378.4 | 1428.3 | 1440.8 | 1557.3 | 1712.5 | 1790.1 | 1909.4 | 2148.0 | 2326.9 | 2355.7 |
| 142.5° | 1364.6 | 1410.9 | 1457.1 | 1468.6 | 1575.8 | 1718.7 | 1790.1 | 1894.9 | 2104.4 | 2261.5 | 2286.4 |
| 145°   | 1420.3 | 1460.6 | 1500.9 | 1511.0 | 1600.0 | 1718.7 | 1778.0 | 1863.7 | 2035.1 | 2163.7 | 2182.5 |
| 147.5° | 1475.9 | 1515.1 | 1554.4 | 1564.2 | 1635.5 | 1730.5 | 1778.0 | 1845.5 | 1980.2 | 2081.4 | 2097.0 |
| 150°   | 1512.1 | 1547.6 | 1583.1 | 1591.9 | 1653.9 | 1736.6 | 1778.0 | 1835.0 | 1948.9 | 2034.3 | 2046.9 |
| 152.5° | 1549.6 | 1576.5 | 1603.4 | 1610.1 | 1666.1 | 1740.7 | 1778.0 | 1826.7 | 1923.9 | 1996.8 | 2006.3 |
| 155°   | 1605.2 | 1625.1 | 1645.0 | 1649.9 | 1692.6 | 1749.5 | 1778.0 | 1816.7 | 1894.1 | 1952.1 | 1958.4 |
| 157.5° | 1646.3 | 1665.7 | 1685.0 | 1689.8 | 1719.2 | 1758.4 | 1778.0 | 1808.2 | 1868.3 | 1913.5 | 1917.9 |
| 160°   | 1674.1 | 1689.2 | 1704.2 | 1708.0 | 1731.3 | 1762.4 | 1778.0 | 1803.8 | 1855.4 | 1894.1 | 1896.6 |
| 162.5° | 1702.0 | 1713.2 | 1724.5 | 1727.3 | 1744.2 | 1766.8 | 1778.0 | 1799.8 | 1843.3 | 1876.0 | 1878.4 |
| 165°   | 1732.1 | 1742.3 | 1752.5 | 1755.1 | 1762.7 | 1772.9 | 1778.0 | 1793.6 | 1824.8 | 1848.2 | 1850.7 |
| 167.5° | 1759.9 | 1764.7 | 1769.6 | 1770.8 | 1777.2 | 1785.9 | 1790.1 | 1800.3 | 1820.8 | 1836.1 | 1837.1 |
| 170°   | 1778.0 | 1782.9 | 1787.7 | 1789.0 | 1789.4 | 1789.8 | 1790.1 | 1800.3 | 1820.8 | 1836.1 | 1836.1 |
| 172.5° | 1787.7 | 1788.8 | 1789.8 | 1790.1 | 1790.1 | 1790.1 | 1790.1 | 1798.2 | 1814.3 | 1826.4 | 1825.4 |
| 175°   | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1797.4 | 1792.6 | 1790.1 | 1795.3 | 1805.4 | 1813.1 | 1813.1 |
| 177.5° | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1798.2 | 1794.4 | 1792.6 | 1796.6 | 1804.7 | 1810.7 | 1809.6 |
| 180°   | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 | 1801.0 |

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CATALOG NUMBER: SQ4-FB-150U-125D-B35-1D-UNV-W2A-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 0°     | 1020.0 | 1020.0 |
| 2.5°   | 1088.9 | 1082.3 |
| 5°     | 1400.4 | 1407.0 |
| 7.5°   | 1885.8 | 1882.6 |
| 10°    | 2345.0 | 2374.5 |
| 12.5°  | 2679.5 | 2686.1 |
| 15°    | 2882.9 | 2896.0 |
| 17.5°  | 2961.6 | 2964.8 |
| 20°    | 2964.8 | 2958.3 |
| 22.5°  | 2928.8 | 2922.2 |
| 25°    | 2886.2 | 2882.9 |
| 27.5°  | 2846.7 | 2850.0 |
| 30°    | 2830.4 | 2840.2 |
| 32.5°  | 2830.4 | 2846.7 |
| 35°    | 2836.9 | 2853.3 |
| 37.5°  | 2833.6 | 2853.3 |
| 40°    | 2820.6 | 2843.5 |
| 42.5°  | 2784.4 | 2800.9 |
| 45°    | 2728.7 | 2748.4 |
| 47.5°  | 2656.5 | 2669.7 |
| 50°    | 2564.7 | 2577.8 |
| 52.5°  | 2449.9 | 2453.2 |
| 55°    | 2312.1 | 2325.3 |
| 57.5°  | 2164.6 | 2167.8 |
| 60°    | 2000.6 | 2010.5 |
| 62.5°  | 1826.8 | 1826.8 |
| 65°    | 1643.1 | 1649.7 |
| 67.5°  | 1452.9 | 1469.3 |
| 70°    | 1259.4 | 1262.7 |
| 72.5°  | 1069.2 | 1069.2 |
| 75°    | 872.4  | 875.7  |
| 77.5°  | 685.5  | 685.5  |
| 80°    | 508.3  | 511.6  |
| 82.5°  | 351.0  | 357.5  |
| 85°    | 219.8  | 219.8  |
| 87.5°  | 101.6  | 91.9   |
| 90°    | 45.9   | 45.9   |
| 92.5°  | 184.0  | 147.5  |
| 95°    | 641.3  | 530.6  |
| 97.5°  | 1536.5 | 1326.0 |
| 100°   | 2213.9 | 1963.0 |
| 102.5° | 2880.2 | 2665.3 |
| 105°   | 3729.7 | 3614.2 |
| 107.5° | 4286.1 | 4314.0 |
| 110°   | 4498.3 | 4618.6 |

TEST NUMBER: P938600

CATALOG NUMBER: SQ4-FB-150U-125D-B35-1D-UNV-W2A-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 112.5° | 4517.2 | 4702.0 |
| 115°   | 4397.4 | 4653.6 |
| 117.5° | 4143.4 | 4427.7 |
| 120°   | 3938.8 | 4214.9 |
| 122.5° | 3739.5 | 4011.9 |
| 125°   | 3455.2 | 3706.0 |
| 127.5° | 3199.4 | 3411.1 |
| 130°   | 3048.8 | 3244.3 |
| 132.5° | 2911.9 | 3087.1 |
| 135°   | 2724.6 | 2875.6 |
| 137.5° | 2574.3 | 2697.9 |
| 140°   | 2471.2 | 2586.7 |
| 142.5° | 2385.8 | 2485.2 |
| 145°   | 2257.7 | 2332.9 |
| 147.5° | 2159.3 | 2221.6 |
| 150°   | 2097.5 | 2148.0 |
| 152.5° | 2044.5 | 2082.7 |
| 155°   | 1983.7 | 2008.9 |
| 157.5° | 1935.6 | 1953.3 |
| 160°   | 1906.9 | 1917.1 |
| 162.5° | 1888.0 | 1897.7 |
| 165°   | 1861.0 | 1871.1 |
| 167.5° | 1841.5 | 1845.8 |
| 170°   | 1836.1 | 1836.1 |
| 172.5° | 1821.7 | 1817.9 |
| 175°   | 1813.1 | 1813.1 |
| 177.5° | 1805.2 | 1801.0 |
| 180°   | 1801.0 | 1801.0 |

(END OF REPORT)