

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: P938107

Luminaire Tested: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P938107  
REPORT IS A COMBINATION OF REPORTS P933607 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L  
Light Source: -  
Ballast/Driver: -

**Summary**

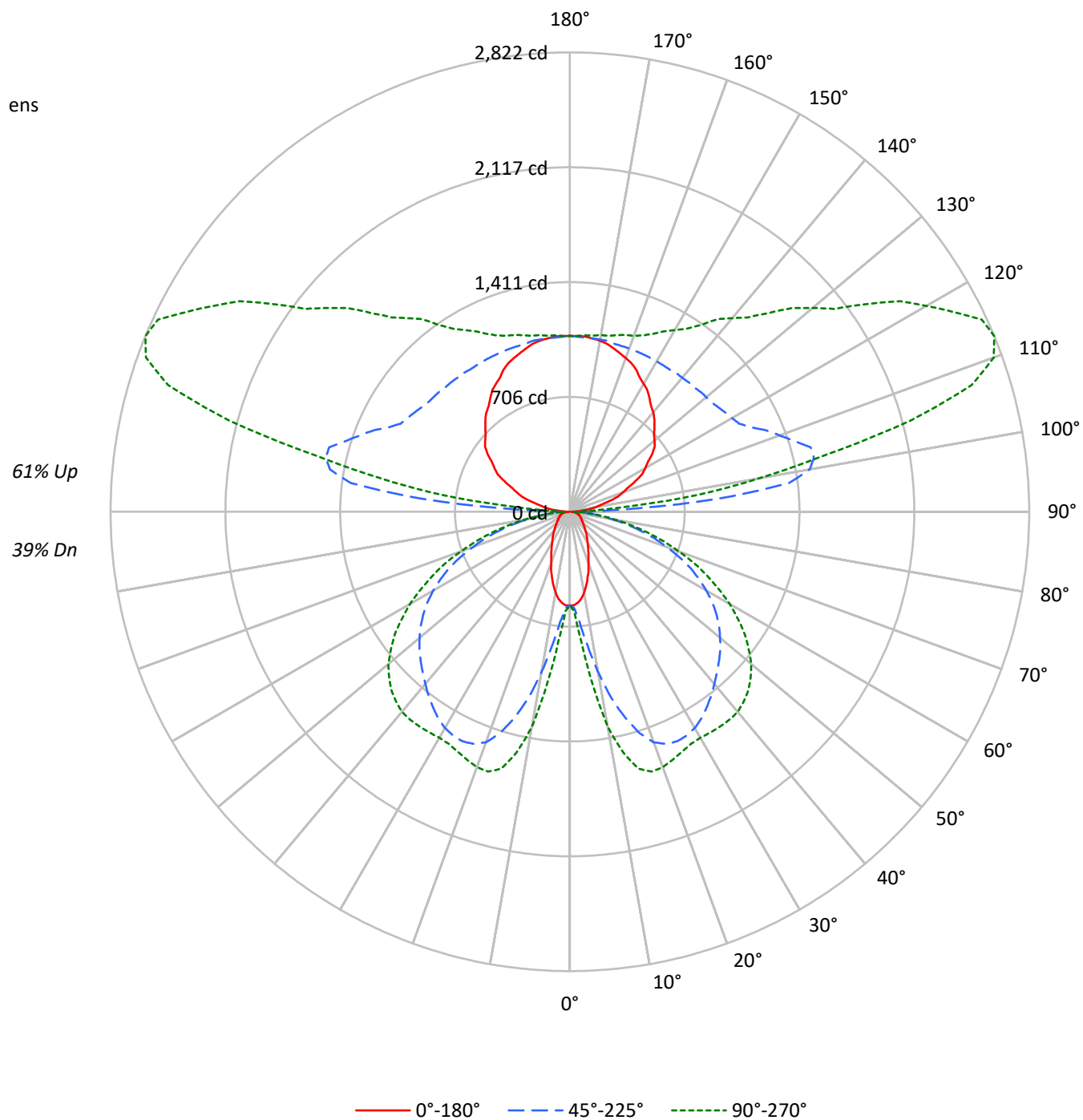
Lumens per Lamp: N/A  
Luminaire Lumens: 11463.9 lumens  
Efficiency: N/A  
Efficacy: 118.7 lumens/watt  
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 96.6  
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

TEST NUMBER: P938107

CATALOG NUMBER: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6

### Luminous Intensity Polar Plot



TEST NUMBER: P938107

CATALOG NUMBER: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6

**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 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 104 | 104 | 104 | 104 | 95 | 95 | 95 | 95 | 77 | 77 | 77 | 61 | 61 | 61 | 46 | 46 | 46 | 39 |    |    |
| 1   | 95  | 90  | 86  | 83  | 86 | 82 | 79 | 76 | 67 | 65 | 62 | 53 | 51 | 50 | 40 | 39 | 38 | 32 |    |    |
| 2   | 86  | 78  | 72  | 67  | 78 | 71 | 66 | 61 | 58 | 54 | 51 | 46 | 43 | 41 | 35 | 33 | 31 | 26 |    |    |
| 3   | 78  | 68  | 61  | 55  | 71 | 62 | 56 | 51 | 51 | 46 | 42 | 40 | 37 | 34 | 30 | 28 | 26 | 21 |    |    |
| 4   | 71  | 60  | 52  | 46  | 64 | 55 | 48 | 42 | 45 | 40 | 35 | 35 | 32 | 29 | 27 | 24 | 22 | 18 |    |    |
| 5   | 65  | 53  | 45  | 39  | 59 | 49 | 41 | 36 | 40 | 34 | 30 | 31 | 27 | 24 | 24 | 21 | 19 | 15 |    |    |
| 6   | 60  | 47  | 39  | 33  | 54 | 43 | 36 | 31 | 35 | 30 | 26 | 28 | 24 | 21 | 21 | 18 | 16 | 13 |    |    |
| 7   | 55  | 43  | 35  | 29  | 50 | 39 | 32 | 27 | 32 | 26 | 23 | 25 | 21 | 18 | 19 | 16 | 14 | 11 |    |    |
| 8   | 51  | 38  | 31  | 25  | 46 | 35 | 28 | 23 | 29 | 24 | 20 | 23 | 19 | 16 | 18 | 15 | 13 | 10 |    |    |
| 9   | 47  | 35  | 27  | 22  | 43 | 32 | 25 | 21 | 26 | 21 | 17 | 21 | 17 | 14 | 16 | 13 | 11 | 9  |    |    |
| 10  | 44  | 32  | 25  | 20  | 40 | 29 | 23 | 18 | 24 | 19 | 16 | 19 | 15 | 13 | 15 | 12 | 10 | 8  |    |    |

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

|     | 0°   | 45°  | 90°   |
|-----|------|------|-------|
| 0°  | 3561 | 3561 | 3561  |
| 5°  | 3478 | 4114 | 4787  |
| 10° | 3153 | 5997 | 7935  |
| 15° | 2679 | 7833 | 9582  |
| 20° | 2180 | 9075 | 9766  |
| 25° | 1818 | 9494 | 9567  |
| 30° | 1532 | 9552 | 9549  |
| 35° | 1354 | 9390 | 9796  |
| 40° | 1179 | 9181 | 10051 |
| 45° | 1067 | 9028 | 10090 |
| 50° | 979  | 8889 | 9924  |
| 55° | 935  | 8687 | 9484  |
| 60° | 957  | 8302 | 8789  |
| 65° | 994  | 7718 | 7834  |
| 70° | 1057 | 6727 | 6618  |
| 75° | 1166 | 5479 | 5165  |
| 80° | 1266 | 3796 | 3481  |
| 85° | 1103 | 2011 | 1781  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 10090 cd/sqm

TEST NUMBER: P938107

CATALOG NUMBER: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 74.5    | 0.6       |
| 10°-20°   | 330.0   | 2.9       |
| 20°-30°   | 577.3   | 5.0       |
| 30°-40°   | 743.1   | 6.5       |
| 40°-50°   | 830.0   | 7.2       |
| 50°-60°   | 795.0   | 6.9       |
| 60°-70°   | 630.0   | 5.5       |
| 70°-80°   | 370.5   | 3.2       |
| 80°-90°   | 107.0   | 0.9       |
| 90°-100°  | 526.8   | 4.6       |
| 100°-110° | 1385.1  | 12.1      |
| 110°-120° | 1436.2  | 12.5      |
| 120°-130° | 1152.0  | 10.0      |
| 130°-140° | 903.9   | 7.9       |
| 140°-150° | 693.8   | 6.1       |
| 150°-160° | 499.6   | 4.4       |
| 160°-170° | 305.7   | 2.7       |
| 170°-180° | 103.3   | 0.9       |
| 0°-30°    | 981.8   | 8.6       |
| 0°-40°    | 1724.9  | 15.0      |
| 0°-60°    | 3349.9  | 29.2      |
| 0°-90°    | 4457.4  | 38.9      |
| 90°-120°  | 3348.1  | 29.2      |
| 90°-150°  | 6097.8  | 53.2      |
| 90°-180°  | 7006.0  | 61.1      |
| 0°-180°   | 11463.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 576  | 576   | 576  | 576   | 576  |      |
| 5°   | 561  | 602   | 677  | 766   | 794  | 52   |
| 15°  | 420  | 776   | 1307 | 1584  | 1634 | 117  |
| 25°  | 268  | 879   | 1557 | 1625  | 1627 | 124  |
| 35°  | 181  | 840   | 1466 | 1549  | 1610 | 113  |
| 45°  | 124  | 670   | 1296 | 1484  | 1551 | 96   |
| 55°  | 89   | 426   | 1100 | 1277  | 1312 | 81   |
| 65°  | 70   | 226   | 816  | 918   | 931  | 70   |
| 75°  | 52   | 139   | 448  | 492   | 494  | 54   |
| 85°  | 18   | 43    | 111  | 122   | 124  | 20   |
| 90°  | 7    | 20    | 55   | 28    | 28   | 7    |
| 95°  | 70   | 273   | 908  | 468   | 318  | 77   |
| 105° | 250  | 378   | 1531 | 2325  | 2169 | 265  |
| 115° | 443  | 538   | 1227 | 2447  | 2793 | 438  |
| 125° | 616  | 691   | 1116 | 1885  | 2224 | 547  |
| 135° | 735  | 809   | 1081 | 1522  | 1726 | 569  |
| 145° | 852  | 907   | 1067 | 1298  | 1400 | 534  |
| 155° | 963  | 990   | 1067 | 1172  | 1206 | 443  |
| 165° | 1039 | 1053  | 1067 | 1109  | 1123 | 293  |
| 175° | 1081 | 1081  | 1074 | 1088  | 1088 | 103  |
| 180° | 1081 | 1081  | 1081 | 1081  | 1081 |      |

TEST NUMBER: P938107

CATALOG NUMBER: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 575.6 | 575.6 | 575.6 | 575.6 | 575.6  | 575.6  | 575.6  | 575.6  | 575.6  | 575.6  | 575.6  |
| 2.5°   | 575.6 | 575.6 | 579.4 | 581.2 | 584.9  | 586.7  | 590.5  | 594.2  | 605.2  | 607.1  | 610.8  |
| 5°     | 560.9 | 568.2 | 592.3 | 601.6 | 627.5  | 662.7  | 677.4  | 701.5  | 751.5  | 766.3  | 775.6  |
| 7.5°   | 538.6 | 555.3 | 614.6 | 629.3 | 694.1  | 786.7  | 825.6  | 877.4  | 957.0  | 995.8  | 1027.3 |
| 10°    | 503.4 | 538.6 | 644.2 | 679.3 | 784.8  | 925.5  | 997.7  | 1069.9 | 1190.2 | 1243.9 | 1264.3 |
| 12.5°  | 464.6 | 522.0 | 675.7 | 723.8 | 875.5  | 1081.0 | 1168.0 | 1247.5 | 1384.6 | 1456.8 | 1467.9 |
| 15°    | 420.2 | 497.9 | 705.3 | 775.6 | 971.7  | 1210.6 | 1306.9 | 1404.9 | 1532.6 | 1584.4 | 1597.4 |
| 17.5°  | 381.4 | 479.4 | 733.0 | 807.1 | 1045.8 | 1327.2 | 1425.3 | 1506.7 | 1610.4 | 1645.5 | 1654.8 |
| 20°    | 333.2 | 449.8 | 751.5 | 847.8 | 1123.6 | 1412.3 | 1506.7 | 1569.7 | 1640.0 | 1662.2 | 1665.9 |
| 22.5°  | 298.0 | 418.3 | 762.6 | 862.5 | 1175.3 | 1464.1 | 1543.7 | 1593.7 | 1641.9 | 1649.3 | 1651.1 |
| 25°    | 268.4 | 383.1 | 760.7 | 879.3 | 1219.8 | 1495.6 | 1556.7 | 1593.7 | 1621.5 | 1625.2 | 1625.2 |
| 27.5°  | 240.6 | 344.3 | 753.4 | 882.9 | 1253.1 | 1503.0 | 1551.1 | 1577.1 | 1590.0 | 1597.4 | 1597.4 |
| 30°    | 216.6 | 307.3 | 734.9 | 875.5 | 1267.9 | 1495.6 | 1534.5 | 1547.5 | 1560.4 | 1571.5 | 1577.1 |
| 32.5°  | 198.1 | 272.1 | 707.0 | 860.7 | 1269.8 | 1477.1 | 1504.9 | 1512.2 | 1530.7 | 1556.7 | 1565.9 |
| 35°    | 181.4 | 237.0 | 675.7 | 840.3 | 1258.7 | 1447.5 | 1466.0 | 1473.4 | 1510.4 | 1549.3 | 1562.2 |
| 37.5°  | 164.8 | 211.0 | 634.9 | 805.2 | 1242.0 | 1412.3 | 1425.3 | 1438.3 | 1495.6 | 1541.8 | 1556.7 |
| 40°    | 148.0 | 188.8 | 586.7 | 766.3 | 1216.1 | 1369.7 | 1380.8 | 1401.2 | 1477.1 | 1530.7 | 1545.6 |
| 42.5°  | 135.1 | 170.3 | 534.9 | 725.6 | 1182.8 | 1321.6 | 1338.2 | 1367.8 | 1454.9 | 1512.2 | 1529.0 |
| 45°    | 124.0 | 151.8 | 479.4 | 670.1 | 1140.2 | 1271.6 | 1295.7 | 1336.5 | 1428.9 | 1484.5 | 1499.4 |
| 47.5°  | 112.9 | 138.8 | 422.1 | 612.7 | 1093.9 | 1221.7 | 1253.1 | 1299.4 | 1393.8 | 1447.5 | 1460.4 |
| 50°    | 103.7 | 125.9 | 364.6 | 551.6 | 1043.9 | 1168.0 | 1205.0 | 1253.1 | 1349.3 | 1399.3 | 1416.0 |
| 52.5°  | 96.3  | 114.8 | 310.9 | 490.5 | 986.6  | 1112.5 | 1155.0 | 1205.0 | 1295.7 | 1343.8 | 1355.0 |
| 55°    | 88.8  | 105.5 | 264.7 | 425.7 | 927.4  | 1053.2 | 1099.5 | 1147.6 | 1236.4 | 1277.2 | 1284.6 |
| 57.5°  | 85.2  | 98.1  | 225.8 | 364.6 | 864.4  | 986.6  | 1038.4 | 1082.9 | 1166.1 | 1197.6 | 1205.0 |
| 60°    | 79.6  | 92.6  | 196.2 | 312.8 | 796.0  | 923.6  | 968.1  | 1012.5 | 1082.9 | 1108.8 | 1114.3 |
| 62.5°  | 74.1  | 88.8  | 174.0 | 262.8 | 725.6  | 849.6  | 894.0  | 934.7  | 994.0  | 1012.5 | 1019.9 |
| 65°    | 70.3  | 85.2  | 157.4 | 225.8 | 653.4  | 771.9  | 816.3  | 851.4  | 899.6  | 918.1  | 921.8  |
| 67.5°  | 66.6  | 81.4  | 144.4 | 194.4 | 581.2  | 694.1  | 727.4  | 760.7  | 797.8  | 816.3  | 818.2  |
| 70°    | 61.1  | 77.7  | 133.3 | 172.1 | 507.2  | 605.2  | 633.1  | 668.2  | 697.8  | 707.0  | 712.6  |
| 72.5°  | 57.3  | 72.2  | 125.9 | 155.5 | 431.3  | 520.1  | 546.0  | 566.4  | 592.3  | 601.6  | 601.6  |
| 75°    | 51.8  | 64.8  | 118.4 | 138.8 | 353.5  | 425.7  | 447.9  | 468.3  | 488.7  | 492.4  | 486.8  |
| 77.5°  | 46.2  | 57.3  | 101.8 | 116.7 | 275.8  | 336.9  | 355.4  | 366.5  | 383.1  | 386.9  | 388.7  |
| 80°    | 38.9  | 50.0  | 79.6  | 90.7  | 199.9  | 248.1  | 261.0  | 270.2  | 285.1  | 285.1  | 288.8  |
| 82.5°  | 29.6  | 38.9  | 57.3  | 64.8  | 135.1  | 170.3  | 181.4  | 187.0  | 196.2  | 196.2  | 196.2  |
| 85°    | 18.5  | 24.1  | 37.0  | 42.6  | 81.4   | 103.7  | 111.1  | 112.9  | 120.3  | 122.2  | 122.2  |
| 87.5°  | 9.2   | 13.0  | 24.1  | 25.9  | 42.6   | 53.7   | 53.7   | 57.3   | 57.3   | 55.6   | 53.7   |
| 90°    | 7.3   | 13.1  | 18.9  | 20.3  | 31.8   | 47.4   | 55.1   | 48.9   | 36.7   | 27.6   | 27.6   |
| 92.5°  | 29.0  | 78.4  | 127.7 | 140.0 | 196.8  | 272.5  | 310.5  | 272.1  | 195.4  | 137.9  | 132.3  |
| 95°    | 69.7  | 159.9 | 250.1 | 272.7 | 484.3  | 766.4  | 907.5  | 809.8  | 614.4  | 467.8  | 451.2  |
| 97.5°  | 120.4 | 200.0 | 279.6 | 299.5 | 652.3  | 1122.8 | 1357.9 | 1296.2 | 1172.7 | 1080.1 | 1048.5 |
| 100°   | 159.6 | 231.8 | 304.0 | 322.0 | 713.5  | 1235.5 | 1496.5 | 1500.9 | 1510.0 | 1516.7 | 1479.1 |
| 102.5° | 193.0 | 260.3 | 327.7 | 344.6 | 741.6  | 1270.9 | 1535.6 | 1614.2 | 1771.6 | 1889.6 | 1857.4 |
| 105°   | 249.6 | 306.6 | 363.6 | 377.9 | 762.3  | 1275.0 | 1531.3 | 1707.6 | 2060.3 | 2324.8 | 2307.4 |
| 107.5° | 307.6 | 360.7 | 413.9 | 427.2 | 766.3  | 1218.2 | 1444.2 | 1690.3 | 2182.2 | 2551.1 | 2555.3 |
| 110°   | 346.7 | 394.7 | 442.7 | 454.8 | 760.4  | 1167.9 | 1371.7 | 1646.6 | 2196.7 | 2609.2 | 2627.2 |

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CATALOG NUMBER: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.2  | 430.9  | 476.7  | 488.2  | 760.6  | 1124.0 | 1305.6 | 1587.1 | 2150.0 | 2572.1 | 2599.9 |
| 115°   | 443.2  | 485.4  | 527.7  | 538.3  | 767.7  | 1073.6 | 1226.6 | 1497.8 | 2040.0 | 2446.7 | 2485.2 |
| 117.5° | 500.5  | 538.9  | 577.2  | 586.8  | 781.9  | 1042.1 | 1172.2 | 1416.9 | 1906.3 | 2273.4 | 2315.9 |
| 120°   | 533.9  | 570.0  | 606.1  | 615.1  | 793.5  | 1031.4 | 1150.4 | 1374.0 | 1821.1 | 2156.5 | 2198.0 |
| 122.5° | 566.6  | 603.0  | 639.4  | 648.5  | 810.2  | 1025.9 | 1133.8 | 1335.2 | 1737.8 | 2039.8 | 2080.6 |
| 125°   | 616.5  | 649.8  | 682.9  | 691.3  | 832.8  | 1021.3 | 1115.7 | 1286.7 | 1628.7 | 1885.3 | 1922.9 |
| 127.5° | 657.2  | 690.7  | 724.2  | 732.6  | 855.3  | 1018.7 | 1100.4 | 1247.3 | 1541.0 | 1761.2 | 1793.0 |
| 130°   | 678.9  | 715.1  | 751.1  | 760.2  | 871.6  | 1020.2 | 1094.6 | 1225.3 | 1486.7 | 1682.9 | 1712.2 |
| 132.5° | 701.4  | 737.6  | 773.6  | 782.7  | 885.0  | 1021.3 | 1089.5 | 1206.5 | 1440.6 | 1616.1 | 1642.3 |
| 135°   | 734.8  | 767.7  | 800.5  | 808.8  | 899.4  | 1020.4 | 1080.8 | 1178.8 | 1374.8 | 1521.9 | 1544.5 |
| 137.5° | 768.9  | 801.5  | 834.1  | 842.2  | 921.2  | 1026.7 | 1079.3 | 1162.2 | 1327.9 | 1452.2 | 1470.7 |
| 140°   | 797.2  | 827.2  | 857.1  | 864.6  | 934.5  | 1027.7 | 1074.3 | 1145.8 | 1289.0 | 1396.3 | 1413.7 |
| 142.5° | 818.9  | 846.7  | 874.4  | 881.3  | 945.7  | 1031.4 | 1074.3 | 1137.1 | 1262.9 | 1357.2 | 1372.1 |
| 145°   | 852.3  | 876.5  | 900.7  | 906.7  | 960.2  | 1031.4 | 1067.0 | 1118.5 | 1221.3 | 1298.4 | 1309.7 |
| 147.5° | 885.7  | 909.2  | 932.8  | 938.7  | 981.4  | 1038.5 | 1067.0 | 1107.4 | 1188.4 | 1249.1 | 1258.5 |
| 150°   | 907.5  | 928.8  | 950.0  | 955.3  | 992.6  | 1042.2 | 1067.0 | 1101.2 | 1169.6 | 1220.8 | 1228.4 |
| 152.5° | 929.9  | 946.0  | 962.2  | 966.2  | 999.8  | 1044.6 | 1067.0 | 1096.1 | 1154.5 | 1198.3 | 1204.0 |
| 155°   | 963.3  | 975.3  | 987.1  | 990.1  | 1015.7 | 1049.9 | 1067.0 | 1090.3 | 1136.7 | 1171.5 | 1175.3 |
| 157.5° | 988.0  | 999.6  | 1011.1 | 1014.0 | 1031.7 | 1055.2 | 1067.0 | 1085.0 | 1121.2 | 1148.3 | 1150.9 |
| 160°   | 1004.6 | 1013.7 | 1022.7 | 1025.0 | 1039.0 | 1057.7 | 1067.0 | 1082.5 | 1113.4 | 1136.7 | 1138.2 |
| 162.5° | 1021.3 | 1028.1 | 1034.9 | 1036.6 | 1046.7 | 1060.3 | 1067.0 | 1080.1 | 1106.1 | 1125.8 | 1127.2 |
| 165°   | 1039.4 | 1045.6 | 1051.8 | 1053.3 | 1057.8 | 1063.9 | 1067.0 | 1076.3 | 1095.1 | 1109.1 | 1110.6 |
| 167.5° | 1056.2 | 1059.1 | 1062.0 | 1062.7 | 1066.5 | 1071.7 | 1074.3 | 1080.5 | 1092.7 | 1101.8 | 1102.5 |
| 170°   | 1067.0 | 1069.9 | 1072.8 | 1073.5 | 1073.8 | 1074.1 | 1074.3 | 1080.5 | 1092.7 | 1101.8 | 1101.8 |
| 172.5° | 1072.8 | 1073.4 | 1074.1 | 1074.3 | 1074.3 | 1074.3 | 1074.3 | 1079.1 | 1088.8 | 1096.0 | 1095.5 |
| 175°   | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1078.7 | 1075.8 | 1074.3 | 1077.4 | 1083.5 | 1088.1 | 1088.1 |
| 177.5° | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1079.1 | 1076.8 | 1075.7 | 1078.1 | 1083.0 | 1086.6 | 1086.0 |
| 180°   | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1080.8 | 1080.8 |

TEST NUMBER: P938107

CATALOG NUMBER: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 0°     | 575.6  | 575.6  |
| 2.5°   | 614.6  | 610.8  |
| 5°     | 790.4  | 794.1  |
| 7.5°   | 1064.3 | 1062.5 |
| 10°    | 1323.5 | 1340.1 |
| 12.5°  | 1512.2 | 1516.0 |
| 15°    | 1627.0 | 1634.4 |
| 17.5°  | 1671.5 | 1673.3 |
| 20°    | 1673.3 | 1669.6 |
| 22.5°  | 1652.9 | 1649.3 |
| 25°    | 1628.9 | 1627.0 |
| 27.5°  | 1606.7 | 1608.5 |
| 30°    | 1597.4 | 1602.9 |
| 32.5°  | 1597.4 | 1606.7 |
| 35°    | 1601.2 | 1610.4 |
| 37.5°  | 1599.3 | 1610.4 |
| 40°    | 1591.8 | 1604.8 |
| 42.5°  | 1571.5 | 1580.8 |
| 45°    | 1540.1 | 1551.1 |
| 47.5°  | 1499.4 | 1506.7 |
| 50°    | 1447.5 | 1454.9 |
| 52.5°  | 1382.7 | 1384.6 |
| 55°    | 1305.0 | 1312.4 |
| 57.5°  | 1221.7 | 1223.5 |
| 60°    | 1129.1 | 1134.6 |
| 62.5°  | 1031.0 | 1031.0 |
| 65°    | 927.4  | 931.0  |
| 67.5°  | 820.0  | 829.2  |
| 70°    | 710.8  | 712.6  |
| 72.5°  | 603.5  | 603.5  |
| 75°    | 492.4  | 494.2  |
| 77.5°  | 386.9  | 386.9  |
| 80°    | 286.9  | 288.8  |
| 82.5°  | 198.1  | 201.7  |
| 85°    | 124.0  | 124.0  |
| 87.5°  | 57.3   | 51.8   |
| 90°    | 27.6   | 27.6   |
| 92.5°  | 110.4  | 88.4   |
| 95°    | 384.8  | 318.4  |
| 97.5°  | 922.1  | 795.8  |
| 100°   | 1328.6 | 1178.1 |
| 102.5° | 1728.4 | 1599.5 |
| 105°   | 2238.1 | 2168.8 |
| 107.5° | 2572.0 | 2588.9 |
| 110°   | 2699.4 | 2771.6 |

TEST NUMBER: P938107

CATALOG NUMBER: SQ4-FB-125U-100D-B50-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 112.5° | 2710.7 | 2821.7 |
| 115°   | 2638.9 | 2792.7 |
| 117.5° | 2486.5 | 2657.0 |
| 120°   | 2363.7 | 2529.4 |
| 122.5° | 2244.0 | 2407.5 |
| 125°   | 2073.5 | 2224.0 |
| 127.5° | 1920.0 | 2047.0 |
| 130°   | 1829.6 | 1946.9 |
| 132.5° | 1747.5 | 1852.6 |
| 135°   | 1635.1 | 1725.7 |
| 137.5° | 1544.8 | 1619.0 |
| 140°   | 1483.0 | 1552.3 |
| 142.5° | 1431.7 | 1491.4 |
| 145°   | 1354.9 | 1400.0 |
| 147.5° | 1295.9 | 1333.3 |
| 150°   | 1258.8 | 1289.0 |
| 152.5° | 1226.9 | 1249.8 |
| 155°   | 1190.5 | 1205.6 |
| 157.5° | 1161.5 | 1172.2 |
| 160°   | 1144.3 | 1150.4 |
| 162.5° | 1133.0 | 1138.8 |
| 165°   | 1116.8 | 1122.9 |
| 167.5° | 1105.0 | 1107.6 |
| 170°   | 1101.8 | 1101.8 |
| 172.5° | 1093.2 | 1091.0 |
| 175°   | 1088.1 | 1088.1 |
| 177.5° | 1083.4 | 1080.8 |
| 180°   | 1080.8 | 1080.8 |

(END OF REPORT)