

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: P936999

Luminaire Tested: SQ4-FB-050U-125D-B35-1D-UNV-W2A-W-6

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P936999  
REPORT IS A COMBINATION OF REPORTS P933480 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FB-050U-125D-B35-1D-UNV-W2A-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L  
Light Source: -  
Ballast/Driver: -

**Summary**

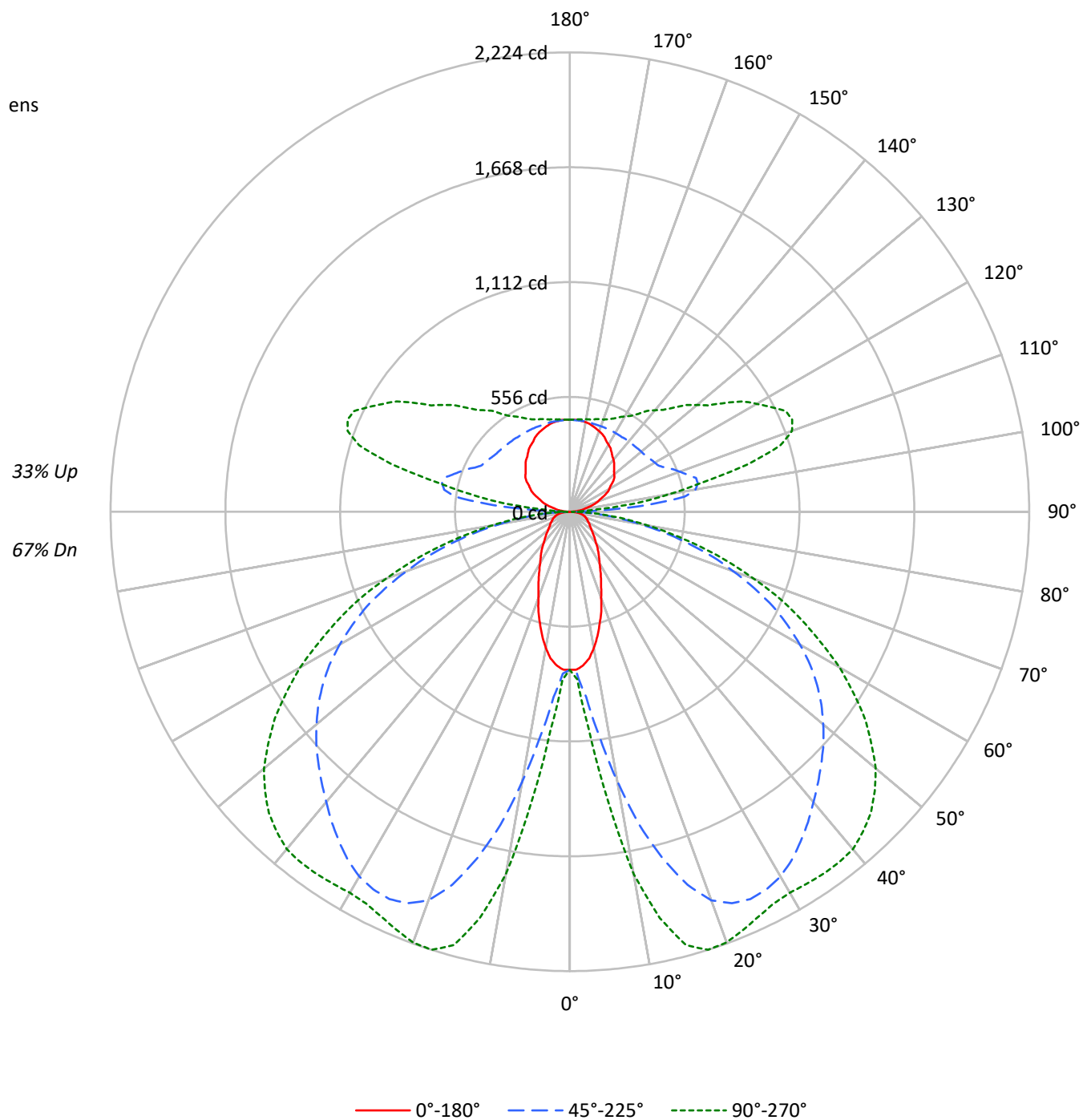
Lumens per Lamp: N/A  
Luminaire Lumens: 8813.1 lumens  
Efficiency: N/A  
Efficacy: 104.9 lumens/watt  
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 84  
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: P936999

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### Luminous Intensity Polar Plot



TEST NUMBER: P936999

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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   | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 82 | 82 | 82 | 72 | 72 | 72 |
| 1   | 101 | 96  | 92  | 88  | 95  | 91  | 87  | 83  | 80 | 78 | 75 | 71 | 69 | 67 | 62 | 61 | 59 |
| 2   | 91  | 83  | 76  | 71  | 86  | 78  | 72  | 67  | 70 | 65 | 61 | 61 | 58 | 55 | 54 | 51 | 49 |
| 3   | 83  | 72  | 64  | 58  | 77  | 68  | 61  | 55  | 61 | 55 | 50 | 54 | 49 | 45 | 47 | 44 | 41 |
| 4   | 75  | 64  | 55  | 48  | 70  | 60  | 52  | 46  | 53 | 47 | 42 | 47 | 42 | 38 | 42 | 38 | 34 |
| 5   | 69  | 56  | 47  | 41  | 64  | 53  | 45  | 39  | 47 | 41 | 36 | 42 | 37 | 32 | 37 | 33 | 29 |
| 6   | 63  | 50  | 41  | 35  | 59  | 47  | 39  | 34  | 42 | 36 | 31 | 38 | 32 | 28 | 33 | 29 | 25 |
| 7   | 58  | 45  | 36  | 30  | 55  | 43  | 35  | 29  | 38 | 32 | 27 | 34 | 29 | 24 | 30 | 26 | 22 |
| 8   | 54  | 41  | 32  | 27  | 51  | 39  | 31  | 26  | 35 | 28 | 24 | 31 | 26 | 22 | 27 | 23 | 20 |
| 9   | 50  | 37  | 29  | 24  | 47  | 35  | 28  | 23  | 32 | 25 | 21 | 28 | 23 | 19 | 25 | 21 | 17 |
| 10  | 47  | 34  | 26  | 21  | 44  | 32  | 25  | 20  | 29 | 23 | 19 | 26 | 21 | 17 | 23 | 19 | 16 |

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

|     | 0°   | 45°   | 90°   |
|-----|------|-------|-------|
| 0°  | 4732 | 4732  | 4732  |
| 5°  | 4621 | 5468  | 6361  |
| 10° | 4190 | 7969  | 10545 |
| 15° | 3560 | 10408 | 12733 |
| 20° | 2897 | 12058 | 12977 |
| 25° | 2416 | 12616 | 12713 |
| 30° | 2036 | 12692 | 12689 |
| 35° | 1800 | 12478 | 13017 |
| 40° | 1567 | 12201 | 13356 |
| 45° | 1418 | 11996 | 13409 |
| 50° | 1299 | 11812 | 13187 |
| 55° | 1243 | 11544 | 12602 |
| 60° | 1271 | 11032 | 11679 |
| 65° | 1321 | 10256 | 10411 |
| 70° | 1404 | 8938  | 8796  |
| 75° | 1550 | 7282  | 6863  |
| 80° | 1679 | 5043  | 4625  |
| 85° | 1467 | 2671  | 2367  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 13409 cd/sqm

TEST NUMBER: P936999

CATALOG NUMBER: SQ4-FB-050U-125D-B35-1D-UNV-W2A-W-6

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 99.0   | 1.1       |
| 10°-20°   | 438.5  | 5.0       |
| 20°-30°   | 767.1  | 8.7       |
| 30°-40°   | 987.5  | 11.2      |
| 40°-50°   | 1103.0 | 12.5      |
| 50°-60°   | 1056.4 | 12.0      |
| 60°-70°   | 837.2  | 9.5       |
| 70°-80°   | 492.3  | 5.6       |
| 80°-90°   | 138.5  | 1.6       |
| 90°-100°  | 217.6  | 2.5       |
| 100°-110° | 572.0  | 6.5       |
| 110°-120° | 593.1  | 6.7       |
| 120°-130° | 475.8  | 5.4       |
| 130°-140° | 373.3  | 4.2       |
| 140°-150° | 286.5  | 3.3       |
| 150°-160° | 206.4  | 2.3       |
| 160°-170° | 126.3  | 1.4       |
| 170°-180° | 42.7   | 0.5       |
| 0°-30°    | 1304.6 | 14.8      |
| 0°-40°    | 2292.1 | 26.0      |
| 0°-60°    | 4451.4 | 50.5      |
| 0°-90°    | 5919.4 | 67.2      |
| 90°-120°  | 1382.8 | 15.7      |
| 90°-150°  | 2518.4 | 28.6      |
| 90°-180°  | 2894.0 | 32.8      |
| 0°-180°   | 8813.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|-----|-------|------|-------|------|------|
| 0°   | 765 | 765   | 765  | 765   | 765  |      |
| 5°   | 745 | 799   | 900  | 1018  | 1055 | 69   |
| 15°  | 558 | 1031  | 1736 | 2105  | 2172 | 155  |
| 25°  | 357 | 1168  | 2069 | 2160  | 2162 | 164  |
| 35°  | 241 | 1117  | 1948 | 2059  | 2140 | 151  |
| 45°  | 165 | 890   | 1722 | 1973  | 2061 | 127  |
| 55°  | 118 | 566   | 1461 | 1697  | 1744 | 108  |
| 65°  | 94  | 300   | 1085 | 1220  | 1237 | 93   |
| 75°  | 69  | 184   | 595  | 654   | 657  | 72   |
| 85°  | 25  | 57    | 148  | 162   | 165  | 26   |
| 90°  | 3   | 8     | 23   | 11    | 11   | 4    |
| 95°  | 29  | 113   | 375  | 193   | 132  | 32   |
| 105° | 103 | 156   | 632  | 960   | 896  | 109  |
| 115° | 183 | 222   | 507  | 1010  | 1153 | 181  |
| 125° | 255 | 286   | 461  | 779   | 918  | 226  |
| 135° | 304 | 334   | 446  | 628   | 713  | 235  |
| 145° | 352 | 374   | 441  | 536   | 578  | 221  |
| 155° | 398 | 409   | 441  | 484   | 498  | 183  |
| 165° | 429 | 435   | 441  | 458   | 464  | 121  |
| 175° | 446 | 446   | 444  | 449   | 449  | 42   |
| 180° | 446 | 446   | 446  | 446   | 446  |      |

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CATALOG NUMBER: SQ4-FB-050U-125D-B35-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 10°   | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 764.9 | 764.9 | 764.9  | 764.9  | 764.9  | 764.9  | 764.9  | 764.9  | 764.9  | 764.9  | 764.9  |
| 2.5°   | 764.9 | 764.9 | 769.9  | 772.3  | 777.2  | 779.8  | 784.6  | 789.5  | 804.3  | 806.8  | 811.7  |
| 5°     | 745.3 | 755.1 | 787.1  | 799.4  | 833.8  | 880.5  | 900.2  | 932.2  | 998.7  | 1018.3 | 1030.6 |
| 7.5°   | 715.8 | 737.9 | 816.6  | 836.2  | 922.4  | 1045.4 | 1097.0 | 1165.9 | 1271.6 | 1323.3 | 1365.1 |
| 10°    | 669.0 | 715.8 | 855.9  | 902.7  | 1042.9 | 1229.9 | 1325.8 | 1421.7 | 1581.6 | 1652.9 | 1680.0 |
| 12.5°  | 617.3 | 693.6 | 897.8  | 961.7  | 1163.4 | 1436.4 | 1552.0 | 1657.8 | 1839.8 | 1935.8 | 1950.5 |
| 15°    | 558.3 | 661.6 | 937.1  | 1030.6 | 1291.3 | 1608.6 | 1736.5 | 1866.9 | 2036.6 | 2105.4 | 2122.7 |
| 17.5°  | 506.7 | 637.0 | 974.0  | 1072.4 | 1389.7 | 1763.6 | 1893.9 | 2002.1 | 2139.9 | 2186.6 | 2199.0 |
| 20°    | 442.7 | 597.7 | 998.7  | 1126.6 | 1493.0 | 1876.8 | 2002.1 | 2085.8 | 2179.3 | 2208.7 | 2213.7 |
| 22.5°  | 396.0 | 555.9 | 1013.4 | 1146.2 | 1561.9 | 1945.6 | 2051.4 | 2117.7 | 2181.7 | 2191.6 | 2194.0 |
| 25°    | 356.7 | 509.1 | 1011.0 | 1168.3 | 1620.9 | 1987.4 | 2068.6 | 2117.7 | 2154.7 | 2159.6 | 2159.6 |
| 27.5°  | 319.8 | 457.5 | 1001.1 | 1173.3 | 1665.2 | 1997.2 | 2061.2 | 2095.7 | 2112.8 | 2122.7 | 2122.7 |
| 30°    | 287.8 | 408.3 | 976.5  | 1163.4 | 1684.9 | 1987.4 | 2039.1 | 2056.3 | 2073.5 | 2088.3 | 2095.7 |
| 32.5°  | 263.2 | 361.5 | 939.5  | 1143.7 | 1687.3 | 1962.8 | 1999.7 | 2009.5 | 2034.1 | 2068.6 | 2080.8 |
| 35°    | 241.1 | 314.8 | 897.8  | 1116.7 | 1672.6 | 1923.5 | 1948.1 | 1957.9 | 2007.1 | 2058.7 | 2076.0 |
| 37.5°  | 218.9 | 280.4 | 843.7  | 1070.0 | 1650.4 | 1876.8 | 1893.9 | 1911.2 | 1987.4 | 2048.9 | 2068.6 |
| 40°    | 196.8 | 250.9 | 779.8  | 1018.3 | 1616.0 | 1820.2 | 1834.9 | 1861.9 | 1962.8 | 2034.1 | 2053.8 |
| 42.5°  | 179.6 | 226.3 | 710.9  | 964.2  | 1571.7 | 1756.2 | 1778.3 | 1817.7 | 1933.3 | 2009.5 | 2031.7 |
| 45°    | 164.8 | 201.6 | 637.0  | 890.4  | 1515.1 | 1689.7 | 1721.7 | 1775.9 | 1898.9 | 1972.7 | 1992.4 |
| 47.5°  | 150.0 | 184.5 | 560.8  | 814.2  | 1453.7 | 1623.4 | 1665.2 | 1726.7 | 1852.1 | 1923.5 | 1940.7 |
| 50°    | 137.7 | 167.2 | 484.6  | 733.0  | 1387.2 | 1552.0 | 1601.3 | 1665.2 | 1793.1 | 1859.5 | 1881.6 |
| 52.5°  | 127.9 | 152.5 | 413.2  | 651.8  | 1311.0 | 1478.2 | 1534.8 | 1601.3 | 1721.7 | 1785.7 | 1800.5 |
| 55°    | 118.0 | 140.2 | 351.7  | 565.7  | 1232.3 | 1399.5 | 1461.1 | 1525.0 | 1643.0 | 1697.2 | 1707.0 |
| 57.5°  | 113.2 | 130.3 | 300.1  | 484.6  | 1148.7 | 1311.0 | 1379.9 | 1438.9 | 1549.6 | 1591.4 | 1601.3 |
| 60°    | 105.7 | 123.0 | 260.8  | 415.7  | 1057.7 | 1227.3 | 1286.4 | 1345.5 | 1438.9 | 1473.4 | 1480.7 |
| 62.5°  | 98.4  | 118.0 | 231.2  | 349.2  | 964.2  | 1129.0 | 1188.0 | 1242.2 | 1320.8 | 1345.5 | 1355.2 |
| 65°    | 93.5  | 113.2 | 209.1  | 300.1  | 868.2  | 1025.7 | 1084.7 | 1131.4 | 1195.4 | 1220.0 | 1224.9 |
| 67.5°  | 88.6  | 108.2 | 191.9  | 258.2  | 772.3  | 922.4  | 966.7  | 1011.0 | 1060.1 | 1084.7 | 1087.2 |
| 70°    | 81.2  | 103.3 | 177.1  | 228.8  | 673.9  | 804.3  | 841.2  | 887.9  | 927.3  | 939.5  | 947.0  |
| 72.5°  | 76.3  | 95.9  | 167.2  | 206.6  | 573.1  | 691.2  | 725.6  | 752.6  | 787.1  | 799.4  | 799.4  |
| 75°    | 68.9  | 86.0  | 157.5  | 184.5  | 469.8  | 565.7  | 595.3  | 622.3  | 649.3  | 654.3  | 646.9  |
| 77.5°  | 61.5  | 76.3  | 135.3  | 154.9  | 366.5  | 447.7  | 472.3  | 487.0  | 509.1  | 514.1  | 516.6  |
| 80°    | 51.6  | 66.4  | 105.7  | 120.5  | 265.6  | 329.6  | 346.8  | 359.1  | 378.8  | 378.8  | 383.7  |
| 82.5°  | 39.3  | 51.6  | 76.3   | 86.0   | 179.6  | 226.3  | 241.1  | 248.5  | 260.8  | 260.8  | 260.8  |
| 85°    | 24.6  | 32.0  | 49.2   | 56.6   | 108.2  | 137.7  | 147.6  | 150.0  | 159.9  | 162.3  | 162.3  |
| 87.5°  | 12.3  | 17.2  | 32.0   | 34.4   | 56.6   | 71.3   | 71.3   | 76.3   | 76.3   | 73.8   | 71.3   |
| 90°    | 3.0   | 5.4   | 7.8    | 8.4    | 13.2   | 19.6   | 22.8   | 20.3   | 15.1   | 11.3   | 11.3   |
| 92.5°  | 12.0  | 32.4  | 52.7   | 57.8   | 81.3   | 112.6  | 128.2  | 112.3  | 80.6   | 56.9   | 54.7   |
| 95°    | 28.8  | 66.0  | 103.3  | 112.6  | 200.0  | 316.6  | 374.8  | 334.5  | 253.8  | 193.2  | 186.3  |
| 97.5°  | 49.7  | 82.7  | 115.5  | 123.7  | 269.5  | 463.8  | 560.9  | 535.4  | 484.3  | 446.0  | 432.9  |
| 100°   | 65.9  | 95.7  | 125.6  | 133.0  | 294.7  | 510.3  | 618.0  | 619.9  | 623.6  | 626.5  | 611.0  |
| 102.5° | 79.7  | 107.6 | 135.4  | 142.3  | 306.3  | 524.9  | 634.2  | 666.7  | 731.7  | 780.4  | 767.2  |
| 105°   | 103.1 | 126.6 | 150.2  | 156.1  | 314.8  | 526.6  | 632.4  | 705.2  | 850.9  | 960.2  | 953.0  |
| 107.5° | 127.0 | 149.0 | 170.9  | 176.5  | 316.5  | 503.1  | 596.4  | 698.0  | 901.2  | 1053.6 | 1055.3 |
| 110°   | 143.2 | 163.0 | 182.9  | 187.8  | 314.1  | 482.4  | 566.5  | 680.0  | 907.3  | 1077.6 | 1085.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°   | 60°   | 67.5°  | 70°    |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 159.1 | 178.0 | 196.9 | 201.6 | 314.1 | 464.2 | 539.2 | 655.5 | 888.0 | 1062.3 | 1073.7 |
| 115°   | 183.0 | 200.5 | 217.9 | 222.3 | 317.1 | 443.4 | 506.6 | 618.6 | 842.5 | 1010.5 | 1026.4 |
| 117.5° | 206.7 | 222.6 | 238.4 | 242.3 | 323.0 | 430.4 | 484.1 | 585.2 | 787.3 | 938.9  | 956.5  |
| 120°   | 220.4 | 235.4 | 250.3 | 254.1 | 327.7 | 426.0 | 475.1 | 567.4 | 752.1 | 890.6  | 907.8  |
| 122.5° | 234.0 | 249.0 | 264.1 | 267.8 | 334.6 | 423.6 | 468.2 | 551.4 | 717.7 | 842.4  | 859.3  |
| 125°   | 254.7 | 268.3 | 282.1 | 285.5 | 343.9 | 421.8 | 460.8 | 531.4 | 672.7 | 778.6  | 794.1  |
| 127.5° | 271.4 | 285.3 | 299.1 | 302.6 | 353.2 | 420.7 | 454.5 | 515.1 | 636.3 | 727.3  | 740.4  |
| 130°   | 280.4 | 295.4 | 310.3 | 314.0 | 360.0 | 421.3 | 452.0 | 506.0 | 614.1 | 695.1  | 707.2  |
| 132.5° | 289.7 | 304.7 | 319.6 | 323.3 | 365.5 | 421.8 | 450.0 | 498.4 | 595.0 | 667.4  | 678.3  |
| 135°   | 303.5 | 317.1 | 330.6 | 334.0 | 371.5 | 421.4 | 446.4 | 486.9 | 567.8 | 628.5  | 637.9  |
| 137.5° | 317.5 | 331.0 | 344.4 | 347.8 | 380.4 | 423.9 | 445.7 | 479.9 | 548.4 | 599.7  | 607.4  |
| 140°   | 329.3 | 341.7 | 354.0 | 357.1 | 386.0 | 424.4 | 443.7 | 473.3 | 532.4 | 576.7  | 583.8  |
| 142.5° | 338.2 | 349.6 | 361.0 | 364.0 | 390.5 | 426.0 | 443.7 | 469.7 | 521.5 | 560.5  | 566.7  |
| 145°   | 352.0 | 362.0 | 372.0 | 374.5 | 396.6 | 426.0 | 440.7 | 461.9 | 504.4 | 536.2  | 540.9  |
| 147.5° | 365.8 | 375.5 | 385.3 | 387.7 | 405.3 | 428.9 | 440.7 | 457.4 | 490.8 | 515.9  | 519.8  |
| 150°   | 374.8 | 383.6 | 392.3 | 394.6 | 410.0 | 430.4 | 440.7 | 454.8 | 483.0 | 504.2  | 507.3  |
| 152.5° | 384.0 | 390.7 | 397.4 | 399.0 | 412.9 | 431.4 | 440.7 | 452.7 | 476.8 | 494.9  | 497.2  |
| 155°   | 397.9 | 402.8 | 407.7 | 408.9 | 419.5 | 433.6 | 440.7 | 450.3 | 469.5 | 483.8  | 485.4  |
| 157.5° | 408.0 | 412.8 | 417.6 | 418.8 | 426.1 | 435.9 | 440.7 | 448.2 | 463.1 | 474.2  | 475.3  |
| 160°   | 414.9 | 418.6 | 422.3 | 423.3 | 429.1 | 436.8 | 440.7 | 447.1 | 459.9 | 469.5  | 470.1  |
| 162.5° | 421.8 | 424.6 | 427.4 | 428.1 | 432.3 | 437.9 | 440.7 | 446.1 | 456.9 | 464.9  | 465.5  |
| 165°   | 429.3 | 431.8 | 434.3 | 435.0 | 436.9 | 439.4 | 440.7 | 444.6 | 452.2 | 458.0  | 458.7  |
| 167.5° | 436.1 | 437.3 | 438.6 | 438.9 | 440.5 | 442.6 | 443.7 | 446.2 | 451.3 | 455.0  | 455.3  |
| 170°   | 440.7 | 441.9 | 443.1 | 443.4 | 443.5 | 443.6 | 443.7 | 446.2 | 451.3 | 455.0  | 455.0  |
| 172.5° | 443.1 | 443.4 | 443.6 | 443.7 | 443.7 | 443.7 | 443.7 | 445.6 | 449.6 | 452.6  | 452.4  |
| 175°   | 446.4 | 446.4 | 446.4 | 446.4 | 445.5 | 444.3 | 443.7 | 445.0 | 447.5 | 449.3  | 449.3  |
| 177.5° | 446.4 | 446.4 | 446.4 | 446.4 | 445.7 | 444.8 | 444.3 | 445.3 | 447.3 | 448.7  | 448.5  |
| 180°   | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4 | 446.4  | 446.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 0°     | 764.9  | 764.9  |
| 2.5°   | 816.6  | 811.7  |
| 5°     | 1050.3 | 1055.2 |
| 7.5°   | 1414.4 | 1411.8 |
| 10°    | 1758.6 | 1780.8 |
| 12.5°  | 2009.5 | 2014.5 |
| 15°    | 2162.0 | 2171.9 |
| 17.5°  | 2221.0 | 2223.6 |
| 20°    | 2223.6 | 2218.6 |
| 22.5°  | 2196.4 | 2191.6 |
| 25°    | 2164.5 | 2162.0 |
| 27.5°  | 2135.0 | 2137.4 |
| 30°    | 2122.7 | 2130.1 |
| 32.5°  | 2122.7 | 2135.0 |
| 35°    | 2127.6 | 2139.9 |
| 37.5°  | 2125.1 | 2139.9 |
| 40°    | 2115.3 | 2132.5 |
| 42.5°  | 2088.3 | 2100.6 |
| 45°    | 2046.4 | 2061.2 |
| 47.5°  | 1992.4 | 2002.1 |
| 50°    | 1923.5 | 1933.3 |
| 52.5°  | 1837.3 | 1839.8 |
| 55°    | 1734.0 | 1743.9 |
| 57.5°  | 1623.4 | 1625.8 |
| 60°    | 1500.4 | 1507.8 |
| 62.5°  | 1370.1 | 1370.1 |
| 65°    | 1232.3 | 1237.2 |
| 67.5°  | 1089.6 | 1101.9 |
| 70°    | 944.5  | 947.0  |
| 72.5°  | 801.8  | 801.8  |
| 75°    | 654.3  | 656.7  |
| 77.5°  | 514.1  | 514.1  |
| 80°    | 381.2  | 383.7  |
| 82.5°  | 263.2  | 268.1  |
| 85°    | 164.8  | 164.8  |
| 87.5°  | 76.3   | 68.9   |
| 90°    | 11.3   | 11.3   |
| 92.5°  | 45.5   | 36.5   |
| 95°    | 158.9  | 131.5  |
| 97.5°  | 380.8  | 328.7  |
| 100°   | 548.7  | 486.5  |
| 102.5° | 713.9  | 660.6  |
| 105°   | 924.4  | 895.7  |
| 107.5° | 1062.2 | 1069.2 |
| 110°   | 1114.8 | 1144.7 |



TEST NUMBER: P936999

CATALOG NUMBER: SQ4-FB-050U-125D-B35-1D-UNV-W2A-W-6

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 112.5° | 1119.6 | 1165.3 |
| 115°   | 1089.8 | 1153.4 |
| 117.5° | 1026.9 | 1097.4 |
| 120°   | 976.2  | 1044.7 |
| 122.5° | 926.8  | 994.3  |
| 125°   | 856.3  | 918.5  |
| 127.5° | 792.9  | 845.5  |
| 130°   | 755.6  | 804.1  |
| 132.5° | 721.7  | 765.1  |
| 135°   | 675.3  | 712.7  |
| 137.5° | 638.1  | 668.7  |
| 140°   | 612.4  | 641.1  |
| 142.5° | 591.3  | 615.9  |
| 145°   | 559.6  | 578.2  |
| 147.5° | 535.2  | 550.6  |
| 150°   | 519.9  | 532.4  |
| 152.5° | 506.7  | 516.2  |
| 155°   | 491.7  | 497.9  |
| 157.5° | 479.8  | 484.1  |
| 160°   | 472.6  | 475.1  |
| 162.5° | 467.9  | 470.4  |
| 165°   | 461.2  | 463.8  |
| 167.5° | 456.4  | 457.5  |
| 170°   | 455.0  | 455.0  |
| 172.5° | 451.5  | 450.6  |
| 175°   | 449.3  | 449.3  |
| 177.5° | 447.5  | 446.4  |
| 180°   | 446.4  | 446.4  |

(END OF REPORT)