

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: P938397

Luminaire Tested: SQ4-FB-150U-075D-B35-1D-UNV-W2A-W-12

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P938397  
REPORT IS A COMBINATION OF REPORTS P933622 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FB-150U-075D-B35-1D-UNV-W2A-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L  
Light Source: -  
Ballast/Driver: -

**Summary**

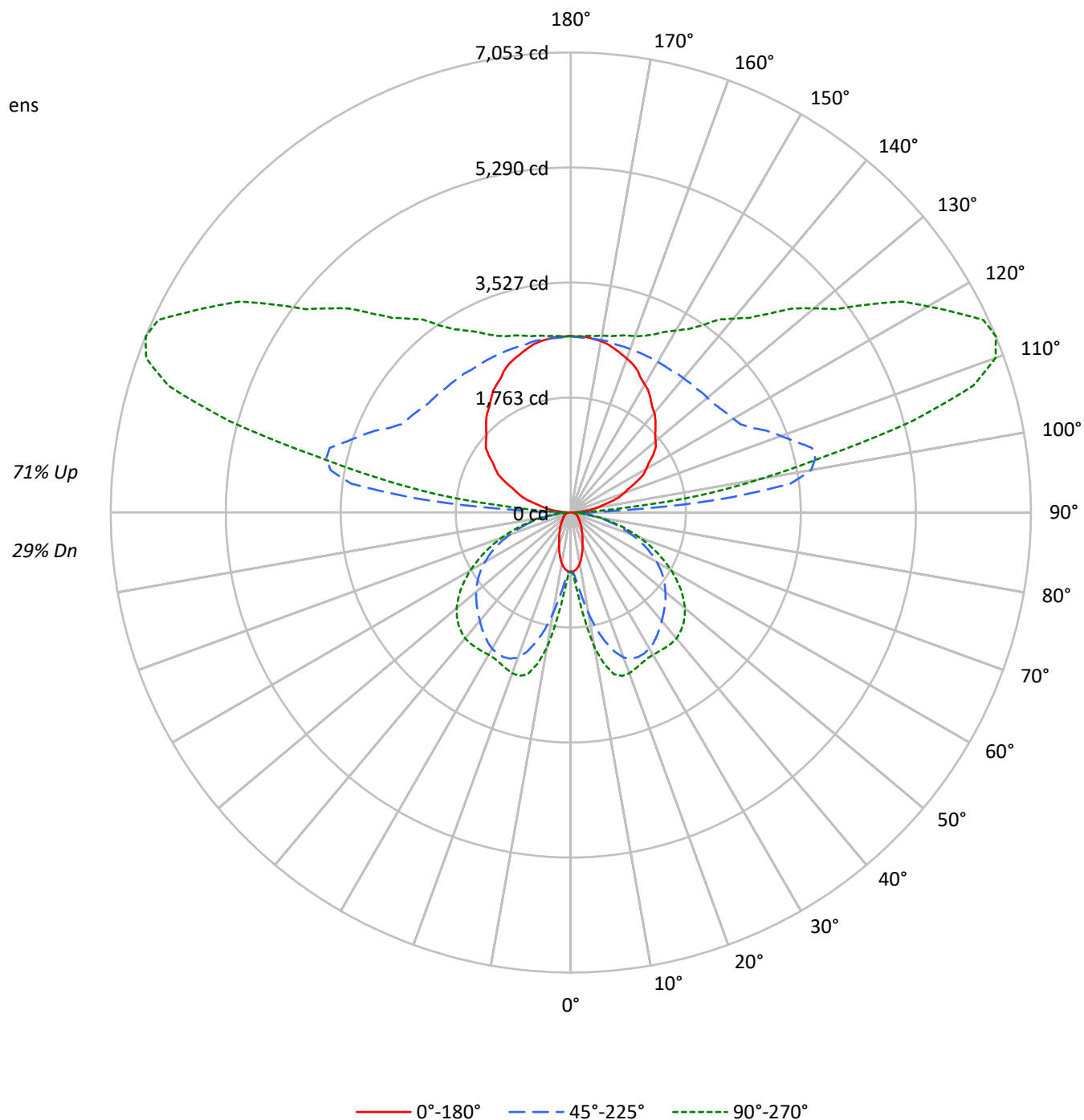
Lumens per Lamp: N/A  
Luminaire Lumens: 24517.6 lumens  
Efficiency: N/A  
Efficacy: 128.5 lumens/watt  
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 190.8  
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: P938397

CATALOG NUMBER: SQ4-FB-150U-075D-B35-1D-UNV-W2A-W-12

### Luminous Intensity Polar Plot



TEST NUMBER: P938397

CATALOG NUMBER: SQ4-FB-150U-075D-B35-1D-UNV-W2A-W-12

**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 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 53 | 53 | 53 | 36 | 36 | 36 | 29 |    |    |
| 1   | 93  | 88  | 84  | 81  | 83 | 79 | 76 | 73 | 62 | 60 | 58 | 46 | 45 | 43 | 32 | 31 | 30 | 23 |    |    |
| 2   | 84  | 77  | 71  | 66  | 75 | 69 | 64 | 59 | 54 | 50 | 47 | 40 | 38 | 36 | 27 | 26 | 25 | 19 |    |    |
| 3   | 76  | 67  | 60  | 54  | 68 | 60 | 54 | 49 | 47 | 43 | 39 | 35 | 32 | 30 | 24 | 22 | 21 | 16 |    |    |
| 4   | 70  | 59  | 51  | 45  | 62 | 53 | 46 | 41 | 42 | 37 | 33 | 31 | 28 | 25 | 21 | 19 | 17 | 13 |    |    |
| 5   | 64  | 52  | 44  | 38  | 57 | 47 | 40 | 35 | 37 | 32 | 28 | 28 | 24 | 21 | 19 | 17 | 15 | 11 |    |    |
| 6   | 58  | 47  | 39  | 33  | 52 | 42 | 35 | 30 | 33 | 28 | 24 | 25 | 21 | 18 | 17 | 15 | 13 | 10 |    |    |
| 7   | 54  | 42  | 34  | 28  | 48 | 38 | 31 | 26 | 30 | 25 | 21 | 22 | 19 | 16 | 15 | 13 | 11 | 8  |    |    |
| 8   | 50  | 38  | 30  | 25  | 44 | 34 | 27 | 23 | 27 | 22 | 18 | 20 | 17 | 14 | 14 | 12 | 10 | 7  |    |    |
| 9   | 46  | 34  | 27  | 22  | 41 | 31 | 24 | 20 | 24 | 20 | 16 | 18 | 15 | 12 | 13 | 10 | 9  | 6  |    |    |
| 10  | 43  | 31  | 24  | 19  | 38 | 28 | 22 | 18 | 22 | 18 | 14 | 17 | 13 | 11 | 12 | 9  | 8  | 6  |    |    |

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

|     | 0°   | 45°  | 90°  |
|-----|------|------|------|
| 0°  | 2796 | 2796 | 2796 |
| 5°  | 2733 | 3233 | 3759 |
| 10° | 2480 | 4714 | 6232 |
| 15° | 2108 | 6160 | 7525 |
| 20° | 1717 | 7140 | 7669 |
| 25° | 1433 | 7474 | 7513 |
| 30° | 1209 | 7523 | 7499 |
| 35° | 1070 | 7400 | 7693 |
| 40° | 933  | 7240 | 7893 |
| 45° | 845  | 7123 | 7924 |
| 50° | 776  | 7018 | 7793 |
| 55° | 743  | 6864 | 7448 |
| 60° | 762  | 6566 | 6902 |
| 65° | 795  | 6111 | 6153 |
| 70° | 848  | 5332 | 5198 |
| 75° | 943  | 4352 | 4056 |
| 80° | 1038 | 3022 | 2733 |
| 85° | 943  | 1606 | 1399 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 7924 cd/sqm

TEST NUMBER: P938397

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 117.0   | 0.5       |
| 10°-20°   | 518.3   | 2.1       |
| 20°-30°   | 906.6   | 3.7       |
| 30°-40°   | 1167.1  | 4.8       |
| 40°-50°   | 1303.6  | 5.3       |
| 50°-60°   | 1248.6  | 5.1       |
| 60°-70°   | 989.5   | 4.0       |
| 70°-80°   | 581.8   | 2.4       |
| 80°-90°   | 171.9   | 0.7       |
| 90°-100°  | 1316.9  | 5.4       |
| 100°-110° | 3462.1  | 14.1      |
| 110°-120° | 3589.9  | 14.6      |
| 120°-130° | 2879.5  | 11.7      |
| 130°-140° | 2259.4  | 9.2       |
| 140°-150° | 1734.2  | 7.1       |
| 150°-160° | 1248.9  | 5.1       |
| 160°-170° | 764.1   | 3.1       |
| 170°-180° | 258.2   | 1.1       |
| 0°-30°    | 1541.9  | 6.3       |
| 0°-40°    | 2709.0  | 11.0      |
| 0°-60°    | 5261.2  | 21.5      |
| 0°-90°    | 7004.5  | 28.6      |
| 90°-120°  | 8368.8  | 34.1      |
| 90°-150°  | 15241.9 | 62.2      |
| 90°-180°  | 17513.0 | 71.4      |
| 0°-180°   | 24517.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 904  | 904   | 904  | 904   | 904  |      |
| 5°   | 881  | 945   | 1064 | 1204  | 1247 | 81   |
| 15°  | 660  | 1218  | 2052 | 2488  | 2567 | 184  |
| 25°  | 422  | 1381  | 2445 | 2552  | 2555 | 194  |
| 35°  | 285  | 1320  | 2302 | 2433  | 2529 | 178  |
| 45°  | 195  | 1052  | 2035 | 2332  | 2436 | 151  |
| 55°  | 140  | 669   | 1727 | 2006  | 2061 | 127  |
| 65°  | 110  | 355   | 1282 | 1442  | 1462 | 110  |
| 75°  | 81   | 218   | 704  | 773   | 776  | 85   |
| 85°  | 29   | 67    | 174  | 192   | 195  | 31   |
| 90°  | 18   | 51    | 138  | 69    | 69   | 17   |
| 95°  | 174  | 682   | 2268 | 1170  | 796  | 193  |
| 105° | 624  | 945   | 3828 | 5811  | 5421 | 661  |
| 115° | 1108 | 1345  | 3066 | 6116  | 6980 | 1094 |
| 125° | 1541 | 1728  | 2789 | 4712  | 5559 | 1368 |
| 135° | 1837 | 2022  | 2702 | 3804  | 4313 | 1421 |
| 145° | 2130 | 2266  | 2667 | 3246  | 3499 | 1335 |
| 155° | 2408 | 2475  | 2667 | 2928  | 3013 | 1106 |
| 165° | 2598 | 2633  | 2667 | 2772  | 2807 | 733  |
| 175° | 2702 | 2702  | 2685 | 2720  | 2720 | 256  |
| 180° | 2702 | 2702  | 2702 | 2702  | 2702 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 10°   | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 904.1 | 904.1 | 904.1  | 904.1  | 904.1  | 904.1  | 904.1  | 904.1  | 904.1  | 904.1  | 904.1  |
| 2.5°   | 904.1 | 904.1 | 909.9  | 912.8  | 918.6  | 921.5  | 927.3  | 933.1  | 950.6  | 953.5  | 959.3  |
| 5°     | 880.8 | 892.4 | 930.2  | 944.8  | 985.5  | 1040.7 | 1064.0 | 1101.8 | 1180.3 | 1203.6 | 1218.1 |
| 7.5°   | 845.9 | 872.1 | 965.1  | 988.4  | 1090.1 | 1235.6 | 1296.6 | 1378.0 | 1503.0 | 1564.1 | 1613.5 |
| 10°    | 790.7 | 845.9 | 1011.6 | 1066.9 | 1232.7 | 1453.6 | 1567.0 | 1680.3 | 1869.3 | 1953.6 | 1985.6 |
| 12.5°  | 729.7 | 819.8 | 1061.1 | 1136.7 | 1375.1 | 1697.8 | 1834.4 | 1959.4 | 2174.5 | 2287.9 | 2305.3 |
| 15°    | 659.9 | 782.0 | 1107.7 | 1218.1 | 1526.3 | 1901.3 | 2052.4 | 2206.5 | 2407.1 | 2488.5 | 2508.8 |
| 17.5°  | 598.8 | 752.9 | 1151.3 | 1267.5 | 1642.6 | 2084.4 | 2238.5 | 2366.4 | 2529.2 | 2584.4 | 2599.0 |
| 20°    | 523.3 | 706.4 | 1180.3 | 1331.5 | 1764.6 | 2218.1 | 2366.4 | 2465.2 | 2575.7 | 2610.6 | 2616.4 |
| 22.5°  | 468.0 | 657.0 | 1197.8 | 1354.8 | 1846.0 | 2299.5 | 2424.5 | 2503.0 | 2578.6 | 2590.2 | 2593.1 |
| 25°    | 421.5 | 601.7 | 1194.9 | 1380.9 | 1915.8 | 2349.0 | 2444.9 | 2503.0 | 2546.6 | 2552.4 | 2552.4 |
| 27.5°  | 377.9 | 540.7 | 1183.2 | 1386.7 | 1968.1 | 2360.6 | 2436.2 | 2476.9 | 2497.2 | 2508.8 | 2508.8 |
| 30°    | 340.1 | 482.6 | 1154.2 | 1375.1 | 1991.4 | 2349.0 | 2410.0 | 2430.3 | 2450.7 | 2468.1 | 2476.9 |
| 32.5°  | 311.0 | 427.3 | 1110.6 | 1351.9 | 1994.3 | 2319.9 | 2363.5 | 2375.1 | 2404.2 | 2444.9 | 2459.4 |
| 35°    | 284.9 | 372.1 | 1061.1 | 1319.9 | 1976.9 | 2273.4 | 2302.4 | 2314.1 | 2372.2 | 2433.3 | 2453.6 |
| 37.5°  | 258.7 | 331.4 | 997.1  | 1264.6 | 1950.7 | 2218.1 | 2238.5 | 2258.8 | 2349.0 | 2421.6 | 2444.9 |
| 40°    | 232.6 | 296.5 | 921.5  | 1203.6 | 1910.0 | 2151.3 | 2168.7 | 2200.7 | 2319.9 | 2404.2 | 2427.4 |
| 42.5°  | 212.2 | 267.4 | 840.1  | 1139.6 | 1857.7 | 2075.7 | 2101.9 | 2148.4 | 2285.0 | 2375.1 | 2401.3 |
| 45°    | 194.8 | 238.4 | 752.9  | 1052.3 | 1790.8 | 1997.2 | 2035.0 | 2099.0 | 2244.3 | 2331.5 | 2354.8 |
| 47.5°  | 177.3 | 218.0 | 662.8  | 962.2  | 1718.1 | 1918.7 | 1968.1 | 2040.8 | 2189.1 | 2273.4 | 2293.7 |
| 50°    | 162.8 | 197.7 | 572.7  | 866.3  | 1639.6 | 1834.4 | 1892.6 | 1968.1 | 2119.3 | 2197.8 | 2224.0 |
| 52.5°  | 151.2 | 180.2 | 488.4  | 770.4  | 1549.5 | 1747.2 | 1814.1 | 1892.6 | 2035.0 | 2110.6 | 2128.0 |
| 55°    | 139.5 | 165.7 | 415.7  | 668.6  | 1456.5 | 1654.2 | 1726.9 | 1802.4 | 1942.0 | 2005.9 | 2017.6 |
| 57.5°  | 133.7 | 154.1 | 354.7  | 572.7  | 1357.7 | 1549.5 | 1630.9 | 1700.7 | 1831.5 | 1880.9 | 1892.6 |
| 60°    | 125.0 | 145.4 | 308.1  | 491.3  | 1250.1 | 1450.7 | 1520.5 | 1590.2 | 1700.7 | 1741.4 | 1750.1 |
| 62.5°  | 116.3 | 139.5 | 273.3  | 412.8  | 1139.6 | 1334.4 | 1404.2 | 1468.1 | 1561.2 | 1590.2 | 1601.9 |
| 65°    | 110.5 | 133.7 | 247.1  | 354.7  | 1026.2 | 1212.3 | 1282.1 | 1337.3 | 1412.9 | 1442.0 | 1447.8 |
| 67.5°  | 104.7 | 127.9 | 226.7  | 305.2  | 912.8  | 1090.1 | 1142.5 | 1194.9 | 1253.0 | 1282.1 | 1285.0 |
| 70°    | 95.9  | 122.1 | 209.3  | 270.4  | 796.5  | 950.6  | 994.2  | 1049.4 | 1095.9 | 1110.6 | 1119.3 |
| 72.5°  | 90.1  | 113.4 | 197.7  | 244.2  | 677.3  | 816.9  | 857.6  | 889.5  | 930.2  | 944.8  | 944.8  |
| 75°    | 81.4  | 101.7 | 186.0  | 218.0  | 555.2  | 668.6  | 703.5  | 735.5  | 767.4  | 773.3  | 764.5  |
| 77.5°  | 72.7  | 90.1  | 159.9  | 183.1  | 433.1  | 529.1  | 558.1  | 575.6  | 601.7  | 607.6  | 610.5  |
| 80°    | 61.0  | 78.5  | 125.0  | 142.4  | 314.0  | 389.5  | 409.9  | 424.4  | 447.7  | 447.7  | 453.5  |
| 82.5°  | 46.5  | 61.0  | 90.1   | 101.7  | 212.2  | 267.4  | 284.9  | 293.6  | 308.1  | 308.1  | 308.1  |
| 85°    | 29.1  | 37.8  | 58.1   | 66.9   | 127.9  | 162.8  | 174.4  | 177.3  | 189.0  | 191.9  | 191.9  |
| 87.5°  | 14.5  | 20.3  | 37.8   | 40.7   | 66.9   | 84.3   | 84.3   | 90.1   | 90.1   | 87.2   | 84.3   |
| 90°    | 18.1  | 32.7  | 47.2   | 50.8   | 79.7   | 118.4  | 137.8  | 122.5  | 91.9   | 68.9   | 68.9   |
| 92.5°  | 72.5  | 195.7 | 319.1  | 349.9  | 492.0  | 681.3  | 776.0  | 680.0  | 488.3  | 344.5  | 330.8  |
| 95°    | 174.0 | 399.6 | 625.3  | 681.7  | 1210.6 | 1915.7 | 2268.2 | 2024.0 | 1535.8 | 1169.5 | 1128.0 |
| 97.5°  | 301.0 | 500.0 | 699.0  | 748.8  | 1630.6 | 2806.3 | 3394.1 | 3239.9 | 2931.2 | 2699.7 | 2620.8 |
| 100°   | 398.8 | 579.4 | 759.9  | 805.0  | 1783.5 | 3088.1 | 3740.4 | 3751.7 | 3774.3 | 3791.2 | 3697.1 |
| 102.5° | 482.3 | 650.7 | 819.1  | 861.2  | 1853.6 | 3176.8 | 3838.4 | 4035.0 | 4428.2 | 4723.2 | 4642.6 |
| 105°   | 623.7 | 766.4 | 909.0  | 944.7  | 1905.6 | 3186.8 | 3827.5 | 4268.3 | 5149.8 | 5811.0 | 5767.7 |
| 107.5° | 768.8 | 901.8 | 1034.7 | 1067.9 | 1915.2 | 3045.0 | 3609.9 | 4224.7 | 5454.4 | 6376.7 | 6387.2 |
| 110°   | 866.7 | 986.7 | 1106.8 | 1136.8 | 1900.8 | 2919.3 | 3428.6 | 4116.0 | 5490.7 | 6521.8 | 6566.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 962.8  | 1077.2 | 1191.7 | 1220.3 | 1901.4 | 2809.5 | 3263.6 | 3967.1 | 5374.1 | 6429.3 | 6498.6 |
| 115°   | 1107.9 | 1213.4 | 1319.0 | 1345.4 | 1918.9 | 2683.6 | 3066.0 | 3743.7 | 5099.1 | 6115.6 | 6211.8 |
| 117.5° | 1251.1 | 1346.9 | 1442.8 | 1466.8 | 1954.5 | 2604.8 | 2930.0 | 3541.6 | 4764.9 | 5682.3 | 5788.9 |
| 120°   | 1334.4 | 1424.7 | 1514.9 | 1537.5 | 1983.5 | 2578.2 | 2875.6 | 3434.4 | 4552.1 | 5390.4 | 5493.9 |
| 122.5° | 1416.0 | 1507.1 | 1598.2 | 1620.9 | 2025.3 | 2564.4 | 2833.9 | 3337.1 | 4343.6 | 5098.5 | 5200.6 |
| 125°   | 1541.2 | 1624.1 | 1707.2 | 1727.9 | 2081.5 | 2552.9 | 2788.6 | 3216.1 | 4071.1 | 4712.2 | 4806.3 |
| 127.5° | 1642.6 | 1726.5 | 1810.3 | 1831.2 | 2137.6 | 2546.2 | 2750.5 | 3117.6 | 3851.7 | 4402.3 | 4481.6 |
| 130°   | 1697.1 | 1787.3 | 1877.5 | 1900.1 | 2178.7 | 2550.2 | 2736.0 | 3062.7 | 3716.3 | 4206.4 | 4279.8 |
| 132.5° | 1753.3 | 1843.5 | 1933.7 | 1956.3 | 2211.9 | 2552.8 | 2723.3 | 3015.8 | 3600.9 | 4039.7 | 4105.4 |
| 135°   | 1836.6 | 1918.8 | 2001.1 | 2021.6 | 2248.3 | 2550.5 | 2701.6 | 2946.5 | 3436.5 | 3803.9 | 3860.5 |
| 137.5° | 1921.9 | 2003.3 | 2084.7 | 2105.1 | 2302.6 | 2566.1 | 2697.9 | 2905.0 | 3319.2 | 3629.9 | 3676.2 |
| 140°   | 1992.7 | 2067.6 | 2142.6 | 2161.3 | 2335.9 | 2568.7 | 2685.2 | 2864.1 | 3221.9 | 3490.2 | 3533.6 |
| 142.5° | 2047.0 | 2116.3 | 2185.6 | 2202.9 | 2363.7 | 2578.0 | 2685.2 | 2842.4 | 3156.6 | 3392.4 | 3429.7 |
| 145°   | 2130.4 | 2190.9 | 2251.3 | 2266.4 | 2399.9 | 2578.0 | 2667.1 | 2795.6 | 3052.6 | 3245.5 | 3273.7 |
| 147.5° | 2213.8 | 2272.6 | 2331.4 | 2346.1 | 2453.1 | 2595.8 | 2667.1 | 2768.2 | 2970.5 | 3122.2 | 3145.6 |
| 150°   | 2268.2 | 2321.4 | 2374.6 | 2387.9 | 2480.9 | 2605.1 | 2667.1 | 2752.5 | 2923.4 | 3051.5 | 3070.4 |
| 152.5° | 2324.4 | 2364.7 | 2405.0 | 2415.0 | 2499.1 | 2611.1 | 2667.1 | 2740.0 | 2885.9 | 2995.3 | 3009.6 |
| 155°   | 2407.9 | 2437.7 | 2467.5 | 2474.9 | 2539.0 | 2624.3 | 2667.1 | 2725.1 | 2841.2 | 2928.2 | 2937.7 |
| 157.5° | 2469.5 | 2498.5 | 2527.4 | 2534.7 | 2578.8 | 2637.6 | 2667.1 | 2712.2 | 2802.4 | 2870.2 | 2876.9 |
| 160°   | 2511.2 | 2533.7 | 2556.3 | 2561.9 | 2597.0 | 2643.7 | 2667.1 | 2705.7 | 2783.1 | 2841.1 | 2845.0 |
| 162.5° | 2552.8 | 2569.8 | 2586.6 | 2590.9 | 2616.3 | 2650.1 | 2667.1 | 2699.7 | 2765.0 | 2814.0 | 2817.6 |
| 165°   | 2598.2 | 2613.5 | 2628.8 | 2632.7 | 2644.1 | 2659.4 | 2667.1 | 2690.4 | 2737.1 | 2772.2 | 2776.1 |
| 167.5° | 2639.9 | 2647.2 | 2654.4 | 2656.2 | 2665.9 | 2678.8 | 2685.2 | 2700.5 | 2731.1 | 2754.1 | 2755.7 |
| 170°   | 2667.1 | 2674.3 | 2681.6 | 2683.5 | 2684.0 | 2684.8 | 2685.2 | 2700.5 | 2731.1 | 2754.1 | 2754.1 |
| 172.5° | 2681.6 | 2683.2 | 2684.8 | 2685.2 | 2685.2 | 2685.2 | 2685.2 | 2697.3 | 2721.5 | 2739.7 | 2738.2 |
| 175°   | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2696.1 | 2688.9 | 2685.2 | 2692.9 | 2708.2 | 2719.7 | 2719.7 |
| 177.5° | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2697.3 | 2691.7 | 2688.9 | 2694.9 | 2707.0 | 2716.0 | 2714.4 |
| 180°   | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2701.6 | 2701.6 |

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CATALOG NUMBER: SQ4-FB-150U-075D-B35-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 0°     | 904.1  | 904.1  |
| 2.5°   | 965.1  | 959.3  |
| 5°     | 1241.4 | 1247.2 |
| 7.5°   | 1671.6 | 1668.7 |
| 10°    | 2078.6 | 2104.8 |
| 12.5°  | 2375.1 | 2380.9 |
| 15°    | 2555.3 | 2567.0 |
| 17.5°  | 2625.1 | 2628.0 |
| 20°    | 2628.0 | 2622.2 |
| 22.5°  | 2596.0 | 2590.2 |
| 25°    | 2558.3 | 2555.3 |
| 27.5°  | 2523.4 | 2526.3 |
| 30°    | 2508.8 | 2517.6 |
| 32.5°  | 2508.8 | 2523.4 |
| 35°    | 2514.7 | 2529.2 |
| 37.5°  | 2511.7 | 2529.2 |
| 40°    | 2500.1 | 2520.5 |
| 42.5°  | 2468.1 | 2482.7 |
| 45°    | 2418.7 | 2436.2 |
| 47.5°  | 2354.8 | 2366.4 |
| 50°    | 2273.4 | 2285.0 |
| 52.5°  | 2171.6 | 2174.5 |
| 55°    | 2049.5 | 2061.2 |
| 57.5°  | 1918.7 | 1921.6 |
| 60°    | 1773.4 | 1782.1 |
| 62.5°  | 1619.3 | 1619.3 |
| 65°    | 1456.5 | 1462.3 |
| 67.5°  | 1287.9 | 1302.4 |
| 70°    | 1116.4 | 1119.3 |
| 72.5°  | 947.7  | 947.7  |
| 75°    | 773.3  | 776.2  |
| 77.5°  | 607.6  | 607.6  |
| 80°    | 450.6  | 453.5  |
| 82.5°  | 311.0  | 316.9  |
| 85°    | 194.8  | 194.8  |
| 87.5°  | 90.1   | 81.4   |
| 90°    | 68.9   | 68.9   |
| 92.5°  | 276.0  | 221.2  |
| 95°    | 961.9  | 795.9  |
| 97.5°  | 2304.9 | 1989.0 |
| 100°   | 3320.9 | 2944.5 |
| 102.5° | 4320.3 | 3997.9 |
| 105°   | 5594.5 | 5421.3 |
| 107.5° | 6429.1 | 6471.0 |
| 110°   | 6747.4 | 6928.0 |

TEST NUMBER: P938397

CATALOG NUMBER: SQ4-FB-150U-075D-B35-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 112.5° | 6775.8 | 7053.1 |
| 115°   | 6596.1 | 6980.5 |
| 117.5° | 6215.2 | 6641.4 |
| 120°   | 5908.1 | 6322.3 |
| 122.5° | 5609.3 | 6017.8 |
| 125°   | 5182.7 | 5559.1 |
| 127.5° | 4799.2 | 5116.6 |
| 130°   | 4573.1 | 4866.4 |
| 132.5° | 4368.0 | 4630.7 |
| 135°   | 4087.0 | 4313.4 |
| 137.5° | 3861.6 | 4046.8 |
| 140°   | 3706.8 | 3880.1 |
| 142.5° | 3578.7 | 3727.7 |
| 145°   | 3386.6 | 3499.3 |
| 147.5° | 3239.1 | 3332.5 |
| 150°   | 3146.1 | 3221.9 |
| 152.5° | 3066.8 | 3124.0 |
| 155°   | 2975.5 | 3013.4 |
| 157.5° | 2903.4 | 2930.0 |
| 160°   | 2860.3 | 2875.6 |
| 162.5° | 2832.1 | 2846.6 |
| 165°   | 2791.4 | 2806.7 |
| 167.5° | 2762.1 | 2768.6 |
| 170°   | 2754.1 | 2754.1 |
| 172.5° | 2732.6 | 2727.0 |
| 175°   | 2719.7 | 2719.7 |
| 177.5° | 2708.0 | 2701.6 |
| 180°   | 2701.6 | 2701.6 |

(END OF REPORT)