

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: P938601

Luminaire Tested: SQ4-FB-150U-125D-B40-1D-UNV-W2A-W-12

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P938601  
REPORT IS A COMBINATION OF REPORTS P933624 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FB-150U-125D-B40-1D-UNV-W2A-W-12  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L  
Light Source: -  
Ballast/Driver: -

**Summary**

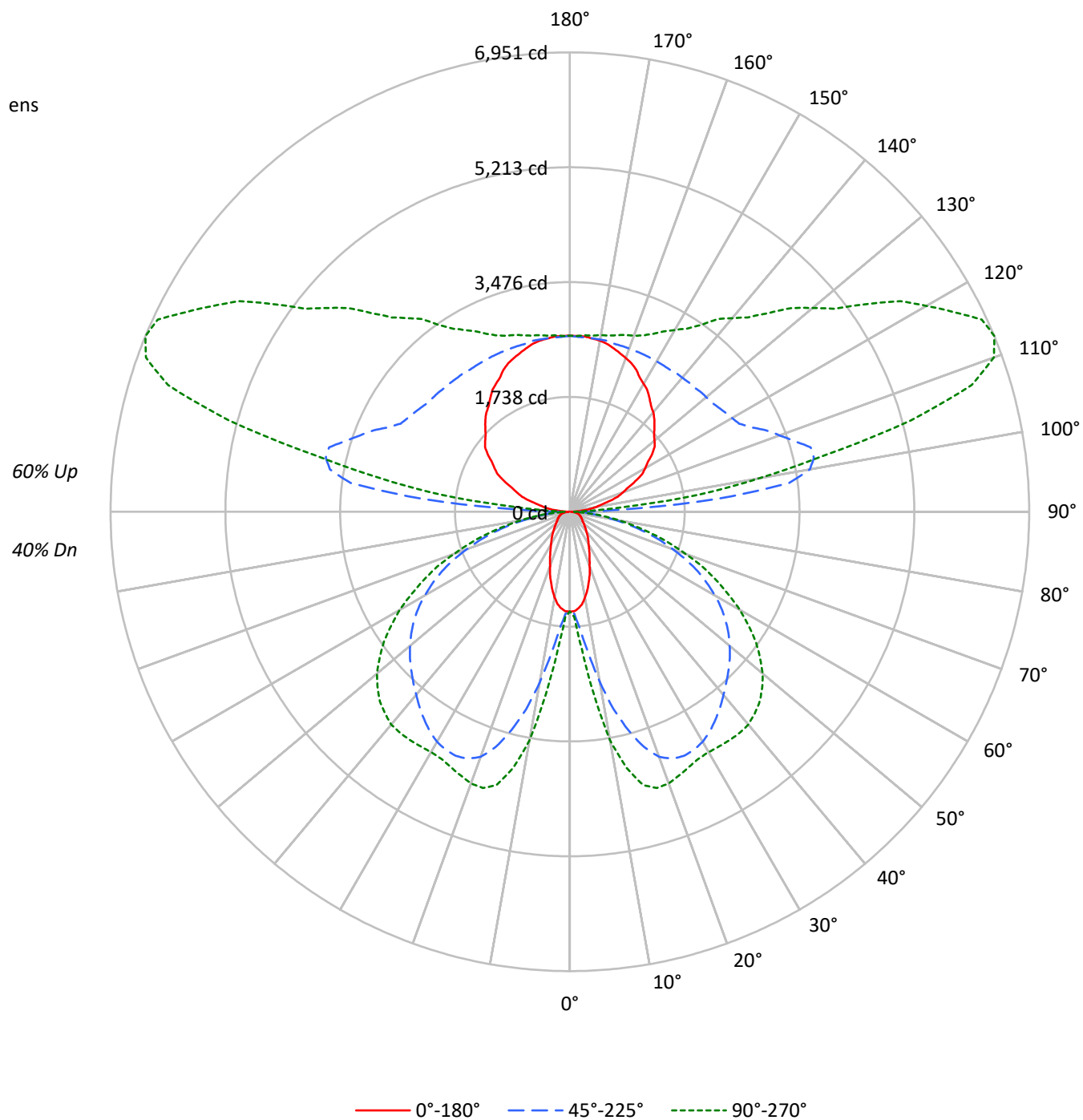
Lumens per Lamp: N/A  
Luminaire Lumens: 28934.6 lumens  
Efficiency: N/A  
Efficacy: 115.9 lumens/watt  
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 249.6  
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: P938601

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### Luminous Intensity Polar Plot



TEST NUMBER: P938601

CATALOG NUMBER: SQ4-FB-150U-125D-B40-1D-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 |
| 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°  | 4664 | 4664  | 4664  |
| 5°  | 4558 | 5392  | 6269  |
| 10° | 4136 | 7861  | 10393 |
| 15° | 3516 | 10273 | 12549 |
| 20° | 2864 | 11908 | 12789 |
| 25° | 2390 | 12464 | 12529 |
| 30° | 2016 | 12546 | 12506 |
| 35° | 1784 | 12341 | 12829 |
| 40° | 1555 | 12074 | 13163 |
| 45° | 1409 | 11879 | 13215 |
| 50° | 1294 | 11704 | 12996 |
| 55° | 1240 | 11448 | 12420 |
| 60° | 1271 | 10950 | 11511 |
| 65° | 1324 | 10191 | 10261 |
| 70° | 1415 | 8893  | 8668  |
| 75° | 1573 | 7258  | 6765  |
| 80° | 1731 | 5039  | 4559  |
| 85° | 1572 | 2678  | 2333  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 13215 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 195.0   | 0.7       |
| 10°-20°   | 864.4   | 3.0       |
| 20°-30°   | 1512.0  | 5.2       |
| 30°-40°   | 1946.4  | 6.7       |
| 40°-50°   | 2174.1  | 7.5       |
| 50°-60°   | 2082.3  | 7.2       |
| 60°-70°   | 1650.2  | 5.7       |
| 70°-80°   | 970.4   | 3.4       |
| 80°-90°   | 279.7   | 1.0       |
| 90°-100°  | 1297.8  | 4.5       |
| 100°-110° | 3412.1  | 11.8      |
| 110°-120° | 3538.0  | 12.2      |
| 120°-130° | 2837.9  | 9.8       |
| 130°-140° | 2226.7  | 7.7       |
| 140°-150° | 1709.1  | 5.9       |
| 150°-160° | 1230.8  | 4.3       |
| 160°-170° | 753.1   | 2.6       |
| 170°-180° | 254.4   | 0.9       |
| 0°-30°    | 2571.5  | 8.9       |
| 0°-40°    | 4517.9  | 15.6      |
| 0°-60°    | 8774.2  | 30.3      |
| 0°-90°    | 11674.5 | 40.3      |
| 90°-120°  | 8247.9  | 28.5      |
| 90°-150°  | 15021.7 | 51.9      |
| 90°-180°  | 17260.0 | 59.7      |
| 0°-180°   | 28934.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 1508 | 1508  | 1508 | 1508  | 1508 |      |
| 5°   | 1469 | 1576  | 1774 | 2007  | 2080 | 136  |
| 15°  | 1100 | 2031  | 3423 | 4150  | 4281 | 306  |
| 25°  | 703  | 2303  | 4077 | 4257  | 4262 | 324  |
| 35°  | 475  | 2201  | 3840 | 4058  | 4218 | 297  |
| 45°  | 325  | 1755  | 3394 | 3888  | 4063 | 251  |
| 55°  | 233  | 1115  | 2880 | 3345  | 3437 | 212  |
| 65°  | 184  | 592   | 2138 | 2405  | 2439 | 183  |
| 75°  | 136  | 364   | 1173 | 1290  | 1294 | 142  |
| 85°  | 48   | 112   | 291  | 320   | 325  | 51   |
| 90°  | 18   | 50    | 136  | 68    | 68   | 18   |
| 95°  | 172  | 672   | 2236 | 1153  | 784  | 190  |
| 105° | 615  | 931   | 3772 | 5727  | 5343 | 652  |
| 115° | 1092 | 1326  | 3022 | 6027  | 6880 | 1078 |
| 125° | 1519 | 1703  | 2748 | 4644  | 5479 | 1348 |
| 135° | 1810 | 1992  | 2662 | 3749  | 4251 | 1401 |
| 145° | 2100 | 2234  | 2628 | 3199  | 3449 | 1315 |
| 155° | 2373 | 2439  | 2628 | 2886  | 2970 | 1090 |
| 165° | 2561 | 2595  | 2628 | 2732  | 2766 | 723  |
| 175° | 2662 | 2662  | 2646 | 2680  | 2680 | 253  |
| 180° | 2662 | 2662  | 2662 | 2662  | 2662 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1507.8 | 1507.8 | 1507.8 | 1507.8 | 1507.8 | 1507.8 | 1507.8 | 1507.8 | 1507.8 | 1507.8 | 1507.8 |
| 2.5°   | 1507.8 | 1507.8 | 1517.5 | 1522.4 | 1532.0 | 1536.9 | 1546.6 | 1556.3 | 1585.4 | 1590.3 | 1599.9 |
| 5°     | 1469.0 | 1488.4 | 1551.4 | 1575.7 | 1643.6 | 1735.7 | 1774.5 | 1837.5 | 1968.4 | 2007.2 | 2031.4 |
| 7.5°   | 1410.8 | 1454.5 | 1609.7 | 1648.4 | 1818.1 | 2060.5 | 2162.3 | 2298.1 | 2506.6 | 2608.4 | 2690.8 |
| 10°    | 1318.8 | 1410.8 | 1687.2 | 1779.3 | 2055.6 | 2424.1 | 2613.2 | 2802.3 | 3117.4 | 3258.0 | 3311.4 |
| 12.5°  | 1217.0 | 1367.2 | 1769.6 | 1895.7 | 2293.2 | 2831.4 | 3059.2 | 3267.7 | 3626.5 | 3815.6 | 3844.6 |
| 15°    | 1100.5 | 1304.1 | 1847.2 | 2031.4 | 2545.4 | 3170.8 | 3422.8 | 3679.8 | 4014.3 | 4150.1 | 4184.0 |
| 17.5°  | 998.7  | 1255.7 | 1919.9 | 2113.8 | 2739.2 | 3476.2 | 3733.2 | 3946.4 | 4217.9 | 4310.1 | 4334.4 |
| 20°    | 872.7  | 1178.1 | 1968.4 | 2220.5 | 2942.9 | 3699.2 | 3946.4 | 4111.3 | 4295.6 | 4353.7 | 4363.4 |
| 22.5°  | 780.5  | 1095.7 | 1997.5 | 2259.2 | 3078.6 | 3835.0 | 4043.5 | 4174.3 | 4300.4 | 4319.8 | 4324.6 |
| 25°    | 703.0  | 1003.6 | 1992.6 | 2302.9 | 3195.0 | 3917.4 | 4077.4 | 4174.3 | 4247.1 | 4256.7 | 4256.7 |
| 27.5°  | 630.3  | 901.8  | 1973.2 | 2312.6 | 3282.2 | 3936.8 | 4062.9 | 4130.7 | 4164.7 | 4184.0 | 4184.0 |
| 30°    | 567.3  | 804.8  | 1924.7 | 2293.2 | 3321.0 | 3917.4 | 4019.2 | 4053.1 | 4087.1 | 4116.1 | 4130.7 |
| 32.5°  | 518.8  | 712.7  | 1852.0 | 2254.5 | 3325.9 | 3868.9 | 3941.7 | 3961.1 | 4009.5 | 4077.4 | 4101.6 |
| 35°    | 475.1  | 620.6  | 1769.6 | 2201.1 | 3296.9 | 3791.4 | 3839.8 | 3859.3 | 3956.2 | 4058.0 | 4091.9 |
| 37.5°  | 431.5  | 552.7  | 1662.9 | 2109.0 | 3253.2 | 3699.2 | 3733.2 | 3767.1 | 3917.4 | 4038.6 | 4077.4 |
| 40°    | 387.8  | 494.5  | 1536.9 | 2007.2 | 3185.3 | 3587.7 | 3616.8 | 3670.2 | 3868.9 | 4009.5 | 4048.2 |
| 42.5°  | 353.9  | 446.1  | 1401.2 | 1900.5 | 3098.0 | 3461.7 | 3505.3 | 3582.9 | 3810.7 | 3961.1 | 4004.7 |
| 45°    | 324.8  | 397.6  | 1255.7 | 1755.1 | 2986.5 | 3330.8 | 3393.8 | 3500.5 | 3742.8 | 3888.3 | 3927.1 |
| 47.5°  | 295.8  | 363.7  | 1105.4 | 1604.8 | 2865.3 | 3199.8 | 3282.2 | 3403.4 | 3650.8 | 3791.4 | 3825.3 |
| 50°    | 271.5  | 329.7  | 955.1  | 1444.8 | 2734.5 | 3059.2 | 3156.2 | 3282.2 | 3534.4 | 3665.3 | 3708.9 |
| 52.5°  | 252.1  | 300.6  | 814.5  | 1284.8 | 2584.1 | 2913.8 | 3025.3 | 3156.2 | 3393.8 | 3519.8 | 3548.9 |
| 55°    | 232.7  | 276.4  | 693.3  | 1115.1 | 2428.9 | 2758.6 | 2879.9 | 3006.0 | 3238.6 | 3345.3 | 3364.7 |
| 57.5°  | 223.0  | 257.0  | 591.5  | 955.1  | 2264.1 | 2584.1 | 2719.8 | 2836.3 | 3054.4 | 3136.8 | 3156.2 |
| 60°    | 208.5  | 242.4  | 513.9  | 819.4  | 2084.8 | 2419.3 | 2535.6 | 2652.0 | 2836.3 | 2904.1 | 2918.7 |
| 62.5°  | 194.0  | 232.7  | 455.7  | 688.5  | 1900.5 | 2225.3 | 2341.7 | 2448.3 | 2603.5 | 2652.0 | 2671.4 |
| 65°    | 184.2  | 223.0  | 412.1  | 591.5  | 1711.5 | 2021.7 | 2138.1 | 2230.2 | 2356.3 | 2404.7 | 2414.4 |
| 67.5°  | 174.6  | 213.3  | 378.2  | 509.1  | 1522.4 | 1818.1 | 1905.3 | 1992.6 | 2089.6 | 2138.1 | 2142.9 |
| 70°    | 160.0  | 203.6  | 349.1  | 450.9  | 1328.4 | 1585.4 | 1658.1 | 1750.2 | 1827.8 | 1852.0 | 1866.5 |
| 72.5°  | 150.3  | 189.1  | 329.7  | 407.2  | 1129.7 | 1362.4 | 1430.2 | 1483.6 | 1551.4 | 1575.7 | 1575.7 |
| 75°    | 135.7  | 169.7  | 310.3  | 363.7  | 926.0  | 1115.1 | 1173.3 | 1226.6 | 1279.9 | 1289.6 | 1275.1 |
| 77.5°  | 121.2  | 150.3  | 266.6  | 305.4  | 722.4  | 882.4  | 930.8  | 960.0  | 1003.6 | 1013.3 | 1018.1 |
| 80°    | 101.8  | 130.9  | 208.5  | 237.6  | 523.6  | 649.7  | 683.6  | 707.8  | 746.6  | 746.6  | 756.4  |
| 82.5°  | 77.5   | 101.8  | 150.3  | 169.7  | 353.9  | 446.1  | 475.1  | 489.6  | 513.9  | 513.9  | 513.9  |
| 85°    | 48.5   | 63.0   | 96.9   | 111.5  | 213.3  | 271.5  | 290.9  | 295.8  | 315.2  | 320.0  | 320.0  |
| 87.5°  | 24.3   | 33.9   | 63.0   | 67.9   | 111.5  | 140.6  | 140.6  | 150.3  | 150.3  | 145.4  | 140.6  |
| 90°    | 17.9   | 32.2   | 46.5   | 50.0   | 78.6   | 116.7  | 135.8  | 120.7  | 90.5   | 67.9   | 67.9   |
| 92.5°  | 71.4   | 192.9  | 314.5  | 344.9  | 484.9  | 671.5  | 764.8  | 670.2  | 481.2  | 339.5  | 326.0  |
| 95°    | 171.5  | 393.8  | 616.3  | 671.8  | 1193.1 | 1888.0 | 2235.5 | 1994.8 | 1513.6 | 1152.6 | 1111.7 |
| 97.5°  | 296.6  | 492.8  | 688.9  | 738.0  | 1607.1 | 2765.8 | 3345.1 | 3193.0 | 2888.9 | 2660.7 | 2582.9 |
| 100°   | 393.1  | 571.0  | 748.9  | 793.4  | 1757.8 | 3043.5 | 3686.4 | 3697.5 | 3719.7 | 3736.4 | 3643.7 |
| 102.5° | 475.3  | 641.3  | 807.3  | 848.8  | 1826.8 | 3130.9 | 3782.9 | 3976.7 | 4364.3 | 4655.0 | 4575.5 |
| 105°   | 614.7  | 755.3  | 895.9  | 931.0  | 1878.1 | 3140.8 | 3772.2 | 4206.6 | 5075.4 | 5727.0 | 5684.4 |
| 107.5° | 757.7  | 888.7  | 1019.7 | 1052.5 | 1887.6 | 3001.0 | 3557.8 | 4163.7 | 5375.6 | 6284.6 | 6294.9 |
| 110°   | 854.2  | 972.5  | 1090.8 | 1120.4 | 1873.3 | 2877.1 | 3379.1 | 4056.6 | 5411.4 | 6427.5 | 6472.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 948.9  | 1061.7 | 1174.5 | 1202.6 | 1873.9 | 2768.9 | 3216.4 | 3909.8 | 5296.4 | 6336.4 | 6404.7 |
| 115°   | 1091.9 | 1195.9 | 1299.9 | 1325.9 | 1891.2 | 2644.9 | 3021.7 | 3689.6 | 5025.4 | 6027.3 | 6122.0 |
| 117.5° | 1233.0 | 1327.4 | 1422.0 | 1445.6 | 1926.2 | 2567.1 | 2887.6 | 3490.4 | 4696.0 | 5600.2 | 5705.3 |
| 120°   | 1315.1 | 1404.1 | 1493.0 | 1515.3 | 1954.9 | 2541.0 | 2834.1 | 3384.8 | 4486.3 | 5312.5 | 5414.6 |
| 122.5° | 1395.5 | 1485.3 | 1575.1 | 1597.5 | 1996.0 | 2527.3 | 2793.0 | 3288.9 | 4280.9 | 5024.8 | 5125.5 |
| 125°   | 1518.9 | 1600.7 | 1682.5 | 1703.0 | 2051.4 | 2516.0 | 2748.3 | 3169.6 | 4012.2 | 4644.2 | 4736.9 |
| 127.5° | 1618.9 | 1701.5 | 1784.1 | 1804.8 | 2106.7 | 2509.5 | 2710.8 | 3072.5 | 3796.0 | 4338.7 | 4416.9 |
| 130°   | 1672.6 | 1761.5 | 1850.4 | 1872.7 | 2147.2 | 2513.4 | 2696.4 | 3018.5 | 3662.6 | 4145.7 | 4217.9 |
| 132.5° | 1728.0 | 1816.9 | 1905.8 | 1928.0 | 2180.0 | 2515.9 | 2683.9 | 2972.2 | 3548.9 | 3981.3 | 4046.0 |
| 135°   | 1810.1 | 1891.1 | 1972.2 | 1992.4 | 2215.8 | 2513.7 | 2662.5 | 2904.0 | 3386.8 | 3748.9 | 3804.7 |
| 137.5° | 1894.1 | 1974.4 | 2054.6 | 2074.6 | 2269.4 | 2529.0 | 2658.9 | 2863.0 | 3271.3 | 3577.4 | 3623.1 |
| 140°   | 1963.9 | 2037.7 | 2111.6 | 2130.0 | 2302.1 | 2531.6 | 2646.4 | 2822.7 | 3175.4 | 3439.8 | 3482.5 |
| 142.5° | 2017.4 | 2085.7 | 2154.0 | 2171.1 | 2329.5 | 2540.8 | 2646.4 | 2801.3 | 3111.0 | 3343.4 | 3380.1 |
| 145°   | 2099.7 | 2159.3 | 2218.8 | 2233.6 | 2365.2 | 2540.8 | 2628.5 | 2755.2 | 3008.5 | 3198.6 | 3226.4 |
| 147.5° | 2181.8 | 2239.8 | 2297.7 | 2312.2 | 2417.7 | 2558.3 | 2628.5 | 2728.2 | 2927.6 | 3077.1 | 3100.1 |
| 150°   | 2235.5 | 2287.9 | 2340.3 | 2353.4 | 2445.1 | 2567.4 | 2628.5 | 2712.8 | 2881.1 | 3007.4 | 3026.0 |
| 152.5° | 2290.9 | 2330.6 | 2370.2 | 2380.1 | 2462.9 | 2573.3 | 2628.5 | 2700.5 | 2844.2 | 2952.0 | 2966.1 |
| 155°   | 2373.1 | 2402.5 | 2431.8 | 2439.2 | 2502.3 | 2586.4 | 2628.5 | 2685.7 | 2800.2 | 2885.9 | 2895.3 |
| 157.5° | 2433.8 | 2462.4 | 2490.9 | 2498.1 | 2541.5 | 2599.5 | 2628.5 | 2673.0 | 2762.0 | 2828.7 | 2835.3 |
| 160°   | 2474.9 | 2497.1 | 2519.4 | 2524.9 | 2559.5 | 2605.5 | 2628.5 | 2666.6 | 2742.9 | 2800.1 | 2803.9 |
| 162.5° | 2515.9 | 2532.7 | 2549.3 | 2553.5 | 2578.5 | 2611.8 | 2628.5 | 2660.7 | 2725.1 | 2773.3 | 2776.9 |
| 165°   | 2560.6 | 2575.7 | 2590.8 | 2594.6 | 2605.9 | 2621.0 | 2628.5 | 2651.6 | 2697.6 | 2732.2 | 2736.0 |
| 167.5° | 2601.8 | 2609.0 | 2616.0 | 2617.8 | 2627.4 | 2640.1 | 2646.4 | 2661.5 | 2691.7 | 2714.3 | 2715.9 |
| 170°   | 2628.5 | 2635.7 | 2642.9 | 2644.7 | 2645.3 | 2646.0 | 2646.4 | 2661.5 | 2691.7 | 2714.3 | 2714.3 |
| 172.5° | 2642.9 | 2644.4 | 2646.0 | 2646.4 | 2646.4 | 2646.4 | 2646.4 | 2658.3 | 2682.2 | 2700.1 | 2698.6 |
| 175°   | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2657.2 | 2650.0 | 2646.4 | 2653.9 | 2669.0 | 2680.4 | 2680.4 |
| 177.5° | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2658.3 | 2652.8 | 2650.0 | 2656.0 | 2667.9 | 2676.8 | 2675.1 |
| 180°   | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2662.5 | 2662.5 |

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CATALOG NUMBER: SQ4-FB-150U-125D-B40-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 0°     | 1507.8 | 1507.8 |
| 2.5°   | 1609.7 | 1599.9 |
| 5°     | 2070.2 | 2079.9 |
| 7.5°   | 2787.7 | 2782.9 |
| 10°    | 3466.5 | 3510.1 |
| 12.5°  | 3961.1 | 3970.7 |
| 15°    | 4261.6 | 4281.0 |
| 17.5°  | 4378.0 | 4382.8 |
| 20°    | 4382.8 | 4373.1 |
| 22.5°  | 4329.5 | 4319.8 |
| 25°    | 4266.5 | 4261.6 |
| 27.5°  | 4208.3 | 4213.2 |
| 30°    | 4184.0 | 4198.6 |
| 32.5°  | 4184.0 | 4208.3 |
| 35°    | 4193.7 | 4217.9 |
| 37.5°  | 4188.9 | 4217.9 |
| 40°    | 4169.5 | 4203.4 |
| 42.5°  | 4116.1 | 4140.4 |
| 45°    | 4033.7 | 4062.9 |
| 47.5°  | 3927.1 | 3946.4 |
| 50°    | 3791.4 | 3810.7 |
| 52.5°  | 3621.6 | 3626.5 |
| 55°    | 3418.0 | 3437.4 |
| 57.5°  | 3199.8 | 3204.7 |
| 60°    | 2957.4 | 2972.0 |
| 62.5°  | 2700.5 | 2700.5 |
| 65°    | 2428.9 | 2438.7 |
| 67.5°  | 2147.8 | 2172.1 |
| 70°    | 1861.8 | 1866.5 |
| 72.5°  | 1580.5 | 1580.5 |
| 75°    | 1289.6 | 1294.5 |
| 77.5°  | 1013.3 | 1013.3 |
| 80°    | 751.5  | 756.4  |
| 82.5°  | 518.8  | 528.5  |
| 85°    | 324.8  | 324.8  |
| 87.5°  | 150.3  | 135.7  |
| 90°    | 67.9   | 67.9   |
| 92.5°  | 272.0  | 218.0  |
| 95°    | 948.0  | 784.4  |
| 97.5°  | 2271.6 | 1960.2 |
| 100°   | 3272.9 | 2902.0 |
| 102.5° | 4257.9 | 3940.1 |
| 105°   | 5513.7 | 5342.9 |
| 107.5° | 6336.2 | 6377.5 |
| 110°   | 6650.0 | 6827.9 |



TEST NUMBER: P938601

CATALOG NUMBER: SQ4-FB-150U-125D-B40-1D-UNV-W2A-W-12

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    |
|--------|--------|--------|
| 112.5° | 6677.9 | 6951.2 |
| 115°   | 6500.8 | 6879.6 |
| 117.5° | 6125.4 | 6545.5 |
| 120°   | 5822.7 | 6231.0 |
| 122.5° | 5528.2 | 5930.8 |
| 125°   | 5107.8 | 5478.7 |
| 127.5° | 4729.8 | 5042.7 |
| 130°   | 4507.0 | 4796.1 |
| 132.5° | 4304.9 | 4563.8 |
| 135°   | 4027.9 | 4251.1 |
| 137.5° | 3805.8 | 3988.4 |
| 140°   | 3653.3 | 3824.0 |
| 142.5° | 3527.0 | 3673.9 |
| 145°   | 3337.6 | 3448.8 |
| 147.5° | 3192.3 | 3284.3 |
| 150°   | 3100.7 | 3175.4 |
| 152.5° | 3022.5 | 3078.8 |
| 155°   | 2932.5 | 2969.9 |
| 157.5° | 2861.5 | 2887.6 |
| 160°   | 2819.0 | 2834.1 |
| 162.5° | 2791.2 | 2805.5 |
| 165°   | 2751.1 | 2766.2 |
| 167.5° | 2722.2 | 2728.6 |
| 170°   | 2714.3 | 2714.3 |
| 172.5° | 2693.1 | 2687.6 |
| 175°   | 2680.4 | 2680.4 |
| 177.5° | 2668.8 | 2662.5 |
| 180°   | 2662.5 | 2662.5 |

(END OF REPORT)