

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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: P935488

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P935488  
REPORT IS A COMBINATION OF REPORTS P933755 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

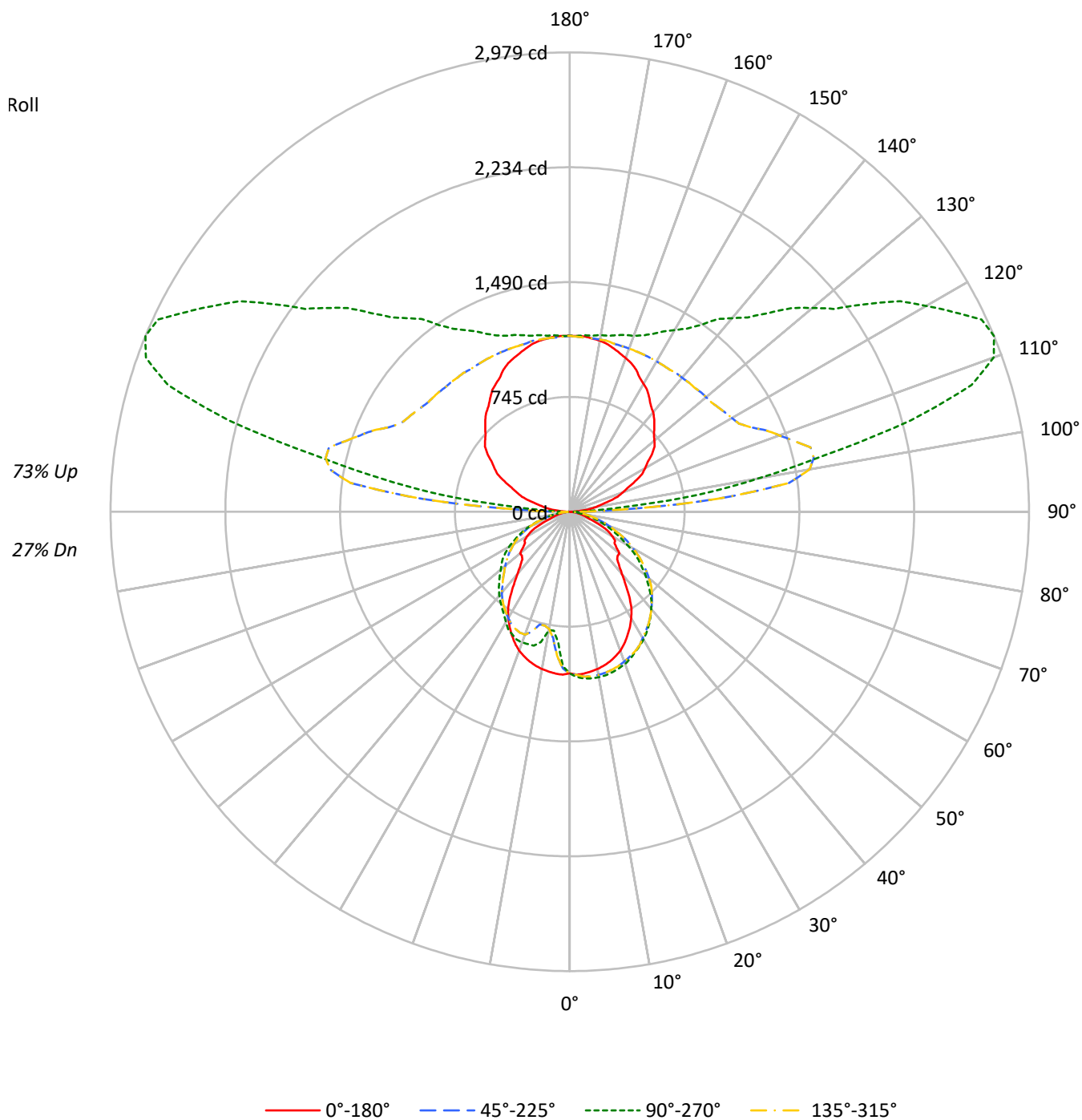
Lumens per Lamp: N/A  
Luminaire Lumens: 10119.3 lumens  
Efficiency: N/A  
Efficacy: 141.7 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 71.4  
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: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

### Luminous Intensity Polar Plot



TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |    |    | 0  |
| 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 | 52 | 52 | 52 | 35 | 35 | 35 |    |    | 27 |
| 1   | 93  | 88  | 85  | 81  | 83 | 79 | 76 | 73 | 62 | 60 | 58 | 46 | 44 | 43 | 31 | 30 | 29 |    |    | 23 |
| 2   | 84  | 77  | 71  | 66  | 75 | 69 | 64 | 60 | 54 | 51 | 48 | 40 | 38 | 36 | 27 | 26 | 25 |    |    | 19 |
| 3   | 77  | 68  | 61  | 55  | 68 | 61 | 55 | 50 | 48 | 43 | 40 | 35 | 33 | 30 | 24 | 22 | 21 |    |    | 16 |
| 4   | 70  | 60  | 52  | 47  | 62 | 54 | 47 | 42 | 42 | 38 | 34 | 31 | 28 | 26 | 21 | 20 | 18 |    |    | 14 |
| 5   | 64  | 53  | 45  | 40  | 57 | 48 | 41 | 36 | 38 | 33 | 29 | 28 | 25 | 22 | 19 | 17 | 16 |    |    | 12 |
| 6   | 59  | 48  | 40  | 34  | 53 | 43 | 36 | 31 | 34 | 29 | 25 | 25 | 22 | 19 | 17 | 15 | 14 |    |    | 10 |
| 7   | 55  | 43  | 35  | 30  | 49 | 38 | 32 | 27 | 30 | 26 | 22 | 23 | 20 | 17 | 16 | 14 | 12 |    |    | 9  |
| 8   | 50  | 39  | 31  | 26  | 45 | 35 | 28 | 24 | 28 | 23 | 19 | 21 | 18 | 15 | 15 | 12 | 11 |    |    | 8  |
| 9   | 47  | 35  | 28  | 23  | 42 | 32 | 25 | 21 | 25 | 21 | 17 | 19 | 16 | 14 | 13 | 11 | 10 |    |    | 7  |
| 10  | 44  | 32  | 25  | 20  | 39 | 29 | 23 | 19 | 23 | 19 | 15 | 18 | 14 | 12 | 12 | 10 | 9  |    |    | 7  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 6486 | 6486 | 6486 | 6486 |
| 5°  | 6531 | 6547 | 6531 | 5148 |
| 10° | 6486 | 6449 | 6486 | 4611 |
| 15° | 6413 | 6309 | 6413 | 5268 |
| 20° | 6277 | 6144 | 6277 | 5279 |
| 25° | 5999 | 5903 | 5999 | 5167 |
| 30° | 5642 | 5702 | 5642 | 4922 |
| 35° | 5028 | 5449 | 5028 | 4652 |
| 40° | 4187 | 5150 | 4187 | 4448 |
| 45° | 3738 | 4800 | 3738 | 4214 |
| 50° | 3968 | 4384 | 3968 | 3978 |
| 55° | 3730 | 3936 | 3730 | 3842 |
| 60° | 3841 | 3342 | 3841 | 3519 |
| 65° | 3477 | 2763 | 3477 | 3088 |
| 70° | 2401 | 2201 | 2401 | 2589 |
| 75° | 2099 | 1627 | 2099 | 1949 |
| 80° | 1679 | 1075 | 1679 | 1172 |
| 85° | 948  | 569  | 948  | 484  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5734 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 94.6    | 0.9       |
| 10°-20°   | 268.7   | 2.7       |
| 20°-30°   | 415.4   | 4.1       |
| 30°-40°   | 495.9   | 4.9       |
| 40°-50°   | 498.8   | 4.9       |
| 50°-60°   | 434.0   | 4.3       |
| 60°-70°   | 307.7   | 3.0       |
| 70°-80°   | 162.8   | 1.6       |
| 80°-90°   | 44.9    | 0.4       |
| 90°-100°  | 556.2   | 5.5       |
| 100°-110° | 1462.2  | 14.4      |
| 110°-120° | 1516.1  | 15.0      |
| 120°-130° | 1216.1  | 12.0      |
| 130°-140° | 954.2   | 9.4       |
| 140°-150° | 732.4   | 7.2       |
| 150°-160° | 527.5   | 5.2       |
| 160°-170° | 322.7   | 3.2       |
| 170°-180° | 109.0   | 1.1       |
| 0°-30°    | 778.7   | 7.7       |
| 0°-40°    | 1274.6  | 12.6      |
| 0°-60°    | 2207.3  | 21.8      |
| 0°-90°    | 2722.7  | 26.9      |
| 90°-120°  | 3534.5  | 34.9      |
| 90°-150°  | 6437.3  | 63.6      |
| 90°-180°  | 7397.0  | 73.1      |
| 0°-180°   | 10119.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1048 | 1048 | 1048 | 1048 | 1048 |      |
| 5°   | 1053 | 1086 | 1053 | 854  | 1053 | 100  |
| 15°  | 1006 | 1076 | 1006 | 899  | 1006 | 283  |
| 25°  | 886  | 1004 | 886  | 879  | 886  | 407  |
| 35°  | 674  | 896  | 674  | 765  | 674  | 417  |
| 45°  | 434  | 738  | 434  | 648  | 434  | 348  |
| 55°  | 354  | 545  | 354  | 532  | 354  | 325  |
| 65°  | 246  | 328  | 246  | 367  | 246  | 235  |
| 75°  | 93   | 156  | 93   | 186  | 93   | 98   |
| 85°  | 16   | 40   | 16   | 34   | 16   | 21   |
| 90°  | 8    | 29   | 8    | 29   | 8    | 7    |
| 95°  | 74   | 336  | 74   | 336  | 74   | 82   |
| 105° | 264  | 2290 | 264  | 2290 | 264  | 279  |
| 115° | 468  | 2948 | 468  | 2948 | 468  | 462  |
| 125° | 651  | 2348 | 651  | 2348 | 651  | 578  |
| 135° | 776  | 1822 | 776  | 1822 | 776  | 600  |
| 145° | 900  | 1478 | 900  | 1478 | 900  | 564  |
| 155° | 1017 | 1273 | 1017 | 1273 | 1017 | 467  |
| 165° | 1097 | 1185 | 1097 | 1185 | 1097 | 310  |
| 175° | 1141 | 1149 | 1141 | 1149 | 1141 | 108  |
| 180° | 1141 | 1141 | 1141 | 1141 | 1141 |      |

TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 |
| 2.5°   | 1057.4 | 1057.4 | 1063.3 | 1065.3 | 1065.3 | 1062.3 | 1059.4 | 1062.3 | 1071.3 | 1074.2 | 1073.3 |
| 5°     | 1053.3 | 1061.3 | 1072.3 | 1074.2 | 1076.2 | 1075.2 | 1073.3 | 1075.2 | 1085.1 | 1087.2 | 1088.1 |
| 7.5°   | 1045.5 | 1060.3 | 1074.2 | 1077.2 | 1080.2 | 1077.2 | 1076.2 | 1078.2 | 1088.1 | 1090.1 | 1090.1 |
| 10°    | 1035.5 | 1056.4 | 1072.3 | 1074.2 | 1077.2 | 1074.2 | 1074.2 | 1078.2 | 1088.1 | 1090.1 | 1091.1 |
| 12.5°  | 1021.7 | 1050.4 | 1065.3 | 1067.2 | 1071.3 | 1070.3 | 1069.2 | 1073.3 | 1083.1 | 1085.1 | 1085.1 |
| 15°    | 1005.8 | 1039.5 | 1053.3 | 1055.4 | 1062.3 | 1060.3 | 1060.3 | 1064.3 | 1075.2 | 1078.2 | 1077.2 |
| 17.5°  | 983.9  | 1025.6 | 1041.5 | 1044.5 | 1049.4 | 1048.4 | 1049.4 | 1053.3 | 1063.3 | 1065.3 | 1066.3 |
| 20°    | 959.2  | 1006.8 | 1025.6 | 1028.6 | 1033.5 | 1033.5 | 1033.5 | 1038.6 | 1048.4 | 1052.4 | 1052.4 |
| 22.5°  | 925.5  | 986.9  | 1006.8 | 1008.8 | 1014.7 | 1014.7 | 1016.7 | 1023.7 | 1032.5 | 1033.5 | 1033.5 |
| 25°    | 885.7  | 965.1  | 982.0  | 988.0  | 993.9  | 996.8  | 999.8  | 1003.8 | 1006.8 | 1005.8 | 1006.8 |
| 27.5°  | 844.1  | 937.3  | 959.2  | 963.1  | 971.1  | 974.1  | 978.0  | 979.0  | 980.0  | 982.9  | 981.0  |
| 30°    | 797.5  | 898.6  | 931.4  | 935.3  | 948.2  | 950.2  | 946.3  | 948.2  | 953.2  | 955.2  | 957.2  |
| 32.5°  | 744.9  | 841.2  | 902.6  | 911.6  | 923.5  | 917.5  | 916.5  | 919.4  | 927.4  | 927.4  | 929.4  |
| 35°    | 673.5  | 796.5  | 875.9  | 883.8  | 892.7  | 885.7  | 889.8  | 890.8  | 895.7  | 898.6  | 897.7  |
| 37.5°  | 595.1  | 757.8  | 848.1  | 854.0  | 861.0  | 852.0  | 858.0  | 861.0  | 864.9  | 862.9  | 862.9  |
| 40°    | 525.7  | 697.3  | 815.3  | 819.3  | 825.3  | 818.3  | 824.3  | 826.3  | 828.2  | 826.3  | 825.3  |
| 42.5°  | 474.2  | 630.8  | 780.6  | 785.5  | 781.6  | 786.5  | 788.6  | 792.5  | 789.6  | 785.5  | 785.5  |
| 45°    | 434.4  | 613.0  | 743.0  | 748.9  | 743.0  | 750.8  | 753.8  | 753.8  | 744.9  | 743.0  | 742.0  |
| 47.5°  | 421.5  | 577.3  | 705.3  | 705.3  | 702.2  | 712.2  | 717.1  | 710.2  | 701.2  | 698.3  | 698.3  |
| 50°    | 420.5  | 537.6  | 653.6  | 649.7  | 663.6  | 675.5  | 670.5  | 663.6  | 656.7  | 645.7  | 645.7  |
| 52.5°  | 381.9  | 489.0  | 587.2  | 602.1  | 623.9  | 630.8  | 623.0  | 616.0  | 604.0  | 599.1  | 595.1  |
| 55°    | 354.1  | 438.4  | 526.7  | 556.5  | 579.3  | 588.1  | 573.4  | 566.4  | 548.5  | 545.6  | 543.6  |
| 57.5°  | 348.2  | 365.0  | 471.1  | 508.9  | 536.6  | 535.6  | 526.7  | 513.8  | 498.9  | 496.0  | 495.0  |
| 60°    | 319.4  | 263.9  | 411.7  | 456.3  | 485.0  | 482.1  | 474.2  | 462.2  | 448.3  | 446.4  | 444.4  |
| 62.5°  | 289.6  | 191.5  | 344.2  | 394.8  | 435.4  | 434.4  | 427.5  | 409.7  | 399.7  | 394.8  | 390.9  |
| 65°    | 246.0  | 160.7  | 245.0  | 328.3  | 386.8  | 388.8  | 374.0  | 361.1  | 350.1  | 344.2  | 343.2  |
| 67.5°  | 187.4  | 130.9  | 165.6  | 273.8  | 340.3  | 338.2  | 319.4  | 313.4  | 299.5  | 296.6  | 290.7  |
| 70°    | 138.8  | 87.3   | 115.1  | 222.1  | 294.6  | 289.6  | 274.8  | 267.8  | 254.9  | 248.0  | 244.0  |
| 72.5°  | 115.1  | 70.4   | 84.3   | 172.6  | 248.0  | 242.1  | 229.1  | 221.2  | 210.3  | 204.3  | 200.4  |
| 75°    | 93.3   | 74.3   | 64.5   | 128.0  | 201.3  | 197.4  | 185.5  | 177.6  | 168.6  | 160.7  | 161.7  |
| 77.5°  | 68.4   | 69.4   | 51.6   | 94.3   | 159.7  | 153.7  | 146.8  | 136.9  | 132.9  | 125.0  | 125.0  |
| 80°    | 51.6   | 54.5   | 38.7   | 64.5   | 115.1  | 115.1  | 109.2  | 102.1  | 95.2   | 91.3   | 91.3   |
| 82.5°  | 34.7   | 34.7   | 28.8   | 40.6   | 78.4   | 75.4   | 71.4   | 69.4   | 65.5   | 63.5   | 63.5   |
| 85°    | 15.9   | 19.8   | 17.8   | 24.7   | 42.7   | 44.7   | 44.7   | 42.7   | 41.7   | 39.6   | 40.6   |
| 87.5°  | 4.9    | 9.0    | 10.9   | 13.9   | 21.8   | 22.8   | 23.8   | 23.8   | 23.8   | 24.7   | 24.7   |
| 90°    | 7.7    | 13.8   | 19.9   | 21.4   | 33.6   | 50.0   | 58.2   | 51.7   | 38.7   | 29.1   | 29.1   |
| 92.5°  | 30.7   | 82.7   | 134.8  | 147.8  | 207.8  | 287.7  | 327.7  | 287.2  | 206.3  | 145.5  | 139.7  |
| 95°    | 73.6   | 168.8  | 264.1  | 287.9  | 511.2  | 809.1  | 958.0  | 854.9  | 648.6  | 493.9  | 476.3  |
| 97.5°  | 127.1  | 211.1  | 295.2  | 316.2  | 688.6  | 1185.3 | 1433.5 | 1368.4 | 1238.0 | 1140.2 | 1106.9 |
| 100°   | 168.5  | 244.7  | 320.9  | 340.0  | 753.2  | 1304.3 | 1579.8 | 1584.5 | 1594.1 | 1601.2 | 1561.4 |
| 102.5° | 203.7  | 274.8  | 346.0  | 363.7  | 782.9  | 1341.7 | 1621.1 | 1704.1 | 1870.2 | 1994.8 | 1960.8 |
| 105°   | 263.5  | 323.7  | 383.8  | 398.9  | 804.8  | 1346.0 | 1616.5 | 1802.7 | 2175.0 | 2454.3 | 2435.9 |
| 107.5° | 324.7  | 380.8  | 437.0  | 451.0  | 808.9  | 1286.0 | 1524.7 | 1784.4 | 2303.7 | 2693.2 | 2697.6 |
| 110°   | 366.0  | 416.7  | 467.4  | 480.1  | 802.7  | 1232.9 | 1448.0 | 1738.3 | 2319.0 | 2754.5 | 2773.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 406.6  | 454.9  | 503.3  | 515.4  | 803.0  | 1186.6 | 1378.3 | 1675.4 | 2269.7 | 2715.3 | 2744.6 |
| 115°   | 467.9  | 512.4  | 557.1  | 568.2  | 810.5  | 1133.4 | 1294.9 | 1581.1 | 2153.6 | 2582.9 | 2623.5 |
| 117.5° | 528.4  | 568.9  | 609.3  | 619.5  | 825.5  | 1100.1 | 1237.4 | 1495.8 | 2012.4 | 2399.9 | 2444.9 |
| 120°   | 563.6  | 601.8  | 639.8  | 649.4  | 837.7  | 1088.8 | 1214.5 | 1450.5 | 1922.5 | 2276.6 | 2320.4 |
| 122.5° | 598.1  | 636.6  | 675.0  | 684.6  | 855.4  | 1083.0 | 1196.9 | 1409.5 | 1834.6 | 2153.3 | 2196.4 |
| 125°   | 650.9  | 686.0  | 721.0  | 729.7  | 879.1  | 1078.2 | 1177.8 | 1358.3 | 1719.4 | 1990.2 | 2030.0 |
| 127.5° | 693.7  | 729.1  | 764.5  | 773.4  | 902.9  | 1075.4 | 1161.7 | 1316.7 | 1626.8 | 1859.3 | 1892.8 |
| 130°   | 716.7  | 754.9  | 792.9  | 802.5  | 920.1  | 1077.0 | 1155.5 | 1293.5 | 1569.5 | 1776.6 | 1807.5 |
| 132.5° | 740.5  | 778.6  | 816.7  | 826.3  | 934.2  | 1078.2 | 1150.2 | 1273.7 | 1520.8 | 1706.1 | 1733.8 |
| 135°   | 775.7  | 810.4  | 845.1  | 853.8  | 949.5  | 1077.2 | 1141.0 | 1244.4 | 1451.4 | 1606.6 | 1630.4 |
| 137.5° | 811.7  | 846.1  | 880.5  | 889.1  | 972.5  | 1083.8 | 1139.4 | 1226.9 | 1401.8 | 1533.0 | 1552.6 |
| 140°   | 841.6  | 873.2  | 904.9  | 912.7  | 986.5  | 1084.9 | 1134.1 | 1209.6 | 1360.8 | 1474.1 | 1492.4 |
| 142.5° | 864.5  | 893.8  | 923.1  | 930.4  | 998.3  | 1088.8 | 1134.1 | 1200.5 | 1333.2 | 1432.8 | 1448.5 |
| 145°   | 899.7  | 925.3  | 950.8  | 957.2  | 1013.6 | 1088.8 | 1126.4 | 1180.7 | 1289.3 | 1370.7 | 1382.7 |
| 147.5° | 935.0  | 959.9  | 984.7  | 990.9  | 1036.1 | 1096.3 | 1126.4 | 1169.1 | 1254.6 | 1318.7 | 1328.5 |
| 150°   | 958.0  | 980.5  | 1002.9 | 1008.5 | 1047.8 | 1100.2 | 1126.4 | 1162.5 | 1234.7 | 1288.8 | 1296.8 |
| 152.5° | 981.7  | 998.7  | 1015.8 | 1020.0 | 1055.5 | 1102.7 | 1126.4 | 1157.2 | 1218.8 | 1265.0 | 1271.1 |
| 155°   | 1017.0 | 1029.6 | 1042.1 | 1045.3 | 1072.3 | 1108.4 | 1126.4 | 1151.0 | 1200.0 | 1236.7 | 1240.8 |
| 157.5° | 1043.0 | 1055.2 | 1067.4 | 1070.5 | 1089.1 | 1114.0 | 1126.4 | 1145.4 | 1183.6 | 1212.2 | 1214.9 |
| 160°   | 1060.5 | 1070.1 | 1079.7 | 1082.0 | 1096.8 | 1116.5 | 1126.4 | 1142.8 | 1175.4 | 1200.0 | 1201.5 |
| 162.5° | 1078.2 | 1085.3 | 1092.5 | 1094.3 | 1105.0 | 1119.3 | 1126.4 | 1140.2 | 1167.7 | 1188.4 | 1190.0 |
| 165°   | 1097.3 | 1103.8 | 1110.3 | 1111.9 | 1116.7 | 1123.2 | 1126.4 | 1136.3 | 1156.1 | 1170.9 | 1172.5 |
| 167.5° | 1115.0 | 1118.0 | 1121.1 | 1121.9 | 1125.9 | 1131.3 | 1134.1 | 1140.6 | 1153.5 | 1163.2 | 1163.9 |
| 170°   | 1126.4 | 1129.5 | 1132.5 | 1133.3 | 1133.6 | 1133.9 | 1134.1 | 1140.6 | 1153.5 | 1163.2 | 1163.2 |
| 172.5° | 1132.5 | 1133.2 | 1133.9 | 1134.1 | 1134.1 | 1134.1 | 1134.1 | 1139.2 | 1149.4 | 1157.1 | 1156.5 |
| 175°   | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1138.7 | 1135.7 | 1134.1 | 1137.4 | 1143.9 | 1148.7 | 1148.7 |
| 177.5° | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1139.2 | 1136.8 | 1135.6 | 1138.1 | 1143.3 | 1147.1 | 1146.4 |
| 180°   | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 |

TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 |
| 2.5°   | 1075.2 | 1072.3 | 1075.2 | 1073.3 | 1074.2 | 1071.3 | 1062.3 | 1059.4 | 1062.3 | 1065.3 | 1065.3 |
| 5°     | 1088.1 | 1086.1 | 1088.1 | 1088.1 | 1087.2 | 1085.1 | 1075.2 | 1073.3 | 1075.2 | 1076.2 | 1074.2 |
| 7.5°   | 1092.1 | 1089.1 | 1092.1 | 1090.1 | 1090.1 | 1088.1 | 1078.2 | 1076.2 | 1077.2 | 1080.2 | 1077.2 |
| 10°    | 1092.1 | 1089.1 | 1092.1 | 1091.1 | 1090.1 | 1088.1 | 1078.2 | 1074.2 | 1074.2 | 1077.2 | 1074.2 |
| 12.5°  | 1087.2 | 1085.1 | 1087.2 | 1085.1 | 1085.1 | 1083.1 | 1073.3 | 1069.2 | 1070.3 | 1071.3 | 1067.2 |
| 15°    | 1079.2 | 1076.2 | 1079.2 | 1077.2 | 1078.2 | 1075.2 | 1064.3 | 1060.3 | 1060.3 | 1062.3 | 1055.4 |
| 17.5°  | 1067.2 | 1063.3 | 1067.2 | 1066.3 | 1065.3 | 1063.3 | 1053.3 | 1049.4 | 1048.4 | 1049.4 | 1044.5 |
| 20°    | 1053.3 | 1050.4 | 1053.3 | 1052.4 | 1052.4 | 1048.4 | 1038.6 | 1033.5 | 1033.5 | 1033.5 | 1028.6 |
| 22.5°  | 1031.6 | 1028.6 | 1031.6 | 1033.5 | 1033.5 | 1032.5 | 1023.7 | 1016.7 | 1014.7 | 1014.7 | 1008.8 |
| 25°    | 1006.8 | 1003.8 | 1006.8 | 1006.8 | 1005.8 | 1006.8 | 1003.8 | 999.8  | 996.8  | 993.9  | 988.0  |
| 27.5°  | 982.9  | 981.0  | 982.9  | 981.0  | 982.9  | 980.0  | 979.0  | 978.0  | 974.1  | 971.1  | 963.1  |
| 30°    | 959.2  | 957.2  | 959.2  | 957.2  | 955.2  | 953.2  | 948.2  | 946.3  | 950.2  | 948.2  | 935.3  |
| 32.5°  | 929.4  | 927.4  | 929.4  | 929.4  | 927.4  | 927.4  | 919.4  | 916.5  | 917.5  | 923.5  | 911.6  |
| 35°    | 898.6  | 895.7  | 898.6  | 897.7  | 898.6  | 895.7  | 890.8  | 889.8  | 885.7  | 892.7  | 883.8  |
| 37.5°  | 862.9  | 860.0  | 862.9  | 862.9  | 862.9  | 864.9  | 861.0  | 858.0  | 852.0  | 861.0  | 854.0  |
| 40°    | 826.3  | 822.3  | 826.3  | 825.3  | 826.3  | 828.2  | 826.3  | 824.3  | 818.3  | 825.3  | 819.3  |
| 42.5°  | 784.6  | 783.6  | 784.6  | 785.5  | 785.5  | 789.6  | 792.5  | 788.6  | 786.5  | 781.6  | 785.5  |
| 45°    | 740.0  | 737.9  | 740.0  | 742.0  | 743.0  | 744.9  | 753.8  | 753.8  | 750.8  | 743.0  | 748.9  |
| 47.5°  | 692.4  | 687.3  | 692.4  | 698.3  | 698.3  | 701.2  | 710.2  | 717.1  | 712.2  | 702.2  | 705.3  |
| 50°    | 641.8  | 642.8  | 641.8  | 645.7  | 645.7  | 656.7  | 663.6  | 670.5  | 675.5  | 663.6  | 649.7  |
| 52.5°  | 592.2  | 591.2  | 592.2  | 595.1  | 599.1  | 604.0  | 616.0  | 623.0  | 630.8  | 623.9  | 602.1  |
| 55°    | 542.6  | 544.6  | 542.6  | 543.6  | 545.6  | 548.5  | 566.4  | 573.4  | 588.1  | 579.3  | 556.5  |
| 57.5°  | 493.0  | 490.0  | 493.0  | 495.0  | 496.0  | 498.9  | 513.8  | 526.7  | 535.6  | 536.6  | 508.9  |
| 60°    | 435.4  | 431.5  | 435.4  | 444.4  | 446.4  | 448.3  | 462.2  | 474.2  | 482.1  | 485.0  | 456.3  |
| 62.5°  | 384.8  | 377.9  | 384.8  | 390.9  | 394.8  | 399.7  | 409.7  | 427.5  | 434.4  | 435.4  | 394.8  |
| 65°    | 331.3  | 328.3  | 331.3  | 343.2  | 344.2  | 350.1  | 361.1  | 374.0  | 388.8  | 386.8  | 328.3  |
| 67.5°  | 282.7  | 282.7  | 282.7  | 290.7  | 296.6  | 299.5  | 313.4  | 319.4  | 338.2  | 340.3  | 273.8  |
| 70°    | 238.0  | 237.0  | 238.0  | 244.0  | 248.0  | 254.9  | 267.8  | 274.8  | 289.6  | 294.6  | 222.1  |
| 72.5°  | 195.4  | 194.4  | 195.4  | 200.4  | 204.3  | 210.3  | 221.2  | 229.1  | 242.1  | 248.0  | 172.6  |
| 75°    | 157.8  | 155.7  | 157.8  | 161.7  | 160.7  | 168.6  | 177.6  | 185.5  | 197.4  | 201.3  | 128.0  |
| 77.5°  | 121.0  | 121.0  | 121.0  | 125.0  | 125.0  | 132.9  | 136.9  | 146.8  | 153.7  | 159.7  | 94.3   |
| 80°    | 90.2   | 89.2   | 90.2   | 91.3   | 91.3   | 95.2   | 102.1  | 109.2  | 115.1  | 115.1  | 64.5   |
| 82.5°  | 63.5   | 61.5   | 63.5   | 63.5   | 63.5   | 65.5   | 69.4   | 71.4   | 75.4   | 78.4   | 40.6   |
| 85°    | 39.6   | 39.6   | 39.6   | 40.6   | 39.6   | 41.7   | 42.7   | 44.7   | 44.7   | 42.7   | 24.7   |
| 87.5°  | 25.8   | 24.7   | 25.8   | 24.7   | 24.7   | 23.8   | 23.8   | 23.8   | 22.8   | 21.8   | 13.9   |
| 90°    | 29.1   | 29.1   | 29.1   | 29.1   | 29.1   | 38.7   | 51.7   | 58.2   | 50.0   | 33.6   | 21.4   |
| 92.5°  | 116.5  | 93.4   | 116.5  | 139.7  | 145.5  | 206.3  | 287.2  | 327.7  | 287.7  | 207.8  | 147.8  |
| 95°    | 406.2  | 336.1  | 406.2  | 476.3  | 493.9  | 648.6  | 854.9  | 958.0  | 809.1  | 511.2  | 287.9  |
| 97.5°  | 973.5  | 840.1  | 973.5  | 1106.9 | 1140.2 | 1238.0 | 1368.4 | 1433.5 | 1185.3 | 688.6  | 316.2  |
| 100°   | 1402.6 | 1243.6 | 1402.6 | 1561.4 | 1601.2 | 1594.1 | 1584.5 | 1579.8 | 1304.3 | 753.2  | 340.0  |
| 102.5° | 1824.6 | 1688.5 | 1824.6 | 1960.8 | 1994.8 | 1870.2 | 1704.1 | 1621.1 | 1341.7 | 782.9  | 363.7  |
| 105°   | 2362.8 | 2289.6 | 2362.8 | 2435.9 | 2454.3 | 2175.0 | 1802.7 | 1616.5 | 1346.0 | 804.8  | 398.9  |
| 107.5° | 2715.2 | 2733.0 | 2715.2 | 2697.6 | 2693.2 | 2303.7 | 1784.4 | 1524.7 | 1286.0 | 808.9  | 451.0  |
| 110°   | 2849.7 | 2926.0 | 2849.7 | 2773.5 | 2754.5 | 2319.0 | 1738.3 | 1448.0 | 1232.9 | 802.7  | 480.1  |



TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2861.7 | 2978.8 | 2861.7 | 2744.6 | 2715.3 | 2269.7 | 1675.4 | 1378.3 | 1186.6 | 803.0  | 515.4  |
| 115°   | 2785.8 | 2948.1 | 2785.8 | 2623.5 | 2582.9 | 2153.6 | 1581.1 | 1294.9 | 1133.4 | 810.5  | 568.2  |
| 117.5° | 2624.9 | 2805.0 | 2624.9 | 2444.9 | 2399.9 | 2012.4 | 1495.8 | 1237.4 | 1100.1 | 825.5  | 619.5  |
| 120°   | 2495.3 | 2670.2 | 2495.3 | 2320.4 | 2276.6 | 1922.5 | 1450.5 | 1214.5 | 1088.8 | 837.7  | 649.4  |
| 122.5° | 2369.0 | 2541.5 | 2369.0 | 2196.4 | 2153.3 | 1834.6 | 1409.5 | 1196.9 | 1083.0 | 855.4  | 684.6  |
| 125°   | 2188.9 | 2347.9 | 2188.9 | 2030.0 | 1990.2 | 1719.4 | 1358.3 | 1177.8 | 1078.2 | 879.1  | 729.7  |
| 127.5° | 2026.9 | 2161.0 | 2026.9 | 1892.8 | 1859.3 | 1626.8 | 1316.7 | 1161.7 | 1075.4 | 902.9  | 773.4  |
| 130°   | 1931.5 | 2055.3 | 1931.5 | 1807.5 | 1776.6 | 1569.5 | 1293.5 | 1155.5 | 1077.0 | 920.1  | 802.5  |
| 132.5° | 1844.8 | 1955.7 | 1844.8 | 1733.8 | 1706.1 | 1520.8 | 1273.7 | 1150.2 | 1078.2 | 934.2  | 826.3  |
| 135°   | 1726.1 | 1821.7 | 1726.1 | 1630.4 | 1606.6 | 1451.4 | 1244.4 | 1141.0 | 1077.2 | 949.5  | 853.8  |
| 137.5° | 1630.8 | 1709.1 | 1630.8 | 1552.6 | 1533.0 | 1401.8 | 1226.9 | 1139.4 | 1083.8 | 972.5  | 889.1  |
| 140°   | 1565.6 | 1638.7 | 1565.6 | 1492.4 | 1474.1 | 1360.8 | 1209.6 | 1134.1 | 1084.9 | 986.5  | 912.7  |
| 142.5° | 1511.4 | 1574.4 | 1511.4 | 1448.5 | 1432.8 | 1333.2 | 1200.5 | 1134.1 | 1088.8 | 998.3  | 930.4  |
| 145°   | 1430.3 | 1477.9 | 1430.3 | 1382.7 | 1370.7 | 1289.3 | 1180.7 | 1126.4 | 1088.8 | 1013.6 | 957.2  |
| 147.5° | 1368.1 | 1407.5 | 1368.1 | 1328.5 | 1318.7 | 1254.6 | 1169.1 | 1126.4 | 1096.3 | 1036.1 | 990.9  |
| 150°   | 1328.8 | 1360.8 | 1328.8 | 1296.8 | 1288.8 | 1234.7 | 1162.5 | 1126.4 | 1100.2 | 1047.8 | 1008.5 |
| 152.5° | 1295.2 | 1319.4 | 1295.2 | 1271.1 | 1265.0 | 1218.8 | 1157.2 | 1126.4 | 1102.7 | 1055.5 | 1020.0 |
| 155°   | 1256.8 | 1272.7 | 1256.8 | 1240.8 | 1236.7 | 1200.0 | 1151.0 | 1126.4 | 1108.4 | 1072.3 | 1045.3 |
| 157.5° | 1226.2 | 1237.4 | 1226.2 | 1214.9 | 1212.2 | 1183.6 | 1145.4 | 1126.4 | 1114.0 | 1089.1 | 1070.5 |
| 160°   | 1208.0 | 1214.5 | 1208.0 | 1201.5 | 1200.0 | 1175.4 | 1142.8 | 1126.4 | 1116.5 | 1096.8 | 1082.0 |
| 162.5° | 1196.1 | 1202.2 | 1196.1 | 1190.0 | 1188.4 | 1167.7 | 1140.2 | 1126.4 | 1119.3 | 1105.0 | 1094.3 |
| 165°   | 1179.0 | 1185.4 | 1179.0 | 1172.5 | 1170.9 | 1156.1 | 1136.3 | 1126.4 | 1123.2 | 1116.7 | 1111.9 |
| 167.5° | 1166.5 | 1169.3 | 1166.5 | 1163.9 | 1163.2 | 1153.5 | 1140.6 | 1134.1 | 1131.3 | 1125.9 | 1121.9 |
| 170°   | 1163.2 | 1163.2 | 1163.2 | 1163.2 | 1163.2 | 1153.5 | 1140.6 | 1134.1 | 1133.9 | 1133.6 | 1133.3 |
| 172.5° | 1154.1 | 1151.7 | 1154.1 | 1156.5 | 1157.1 | 1149.4 | 1139.2 | 1134.1 | 1134.1 | 1134.1 | 1134.1 |
| 175°   | 1148.7 | 1148.7 | 1148.7 | 1148.7 | 1148.7 | 1143.9 | 1137.4 | 1134.1 | 1135.7 | 1138.7 | 1141.0 |
| 177.5° | 1143.8 | 1141.0 | 1143.8 | 1146.4 | 1147.1 | 1143.3 | 1138.1 | 1135.6 | 1136.8 | 1139.2 | 1141.0 |
| 180°   | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 |

TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 |
| 2.5°   | 1063.3 | 1057.4 | 1057.4 | 1047.4 | 1043.5 | 1040.5 | 1035.5 | 1020.7 | 1016.7 | 1012.7 | 1018.6 |
| 5°     | 1072.3 | 1061.3 | 1053.3 | 1035.5 | 1020.7 | 1014.7 | 995.9  | 960.2  | 936.3  | 918.5  | 908.6  |
| 7.5°   | 1074.2 | 1060.3 | 1045.5 | 1017.7 | 982.0  | 966.1  | 908.6  | 843.1  | 825.3  | 809.4  | 799.4  |
| 10°    | 1072.3 | 1056.4 | 1035.5 | 993.9  | 909.6  | 881.8  | 824.3  | 781.6  | 770.7  | 767.7  | 770.7  |
| 12.5°  | 1065.3 | 1050.4 | 1021.7 | 952.2  | 834.2  | 815.3  | 781.6  | 756.9  | 754.8  | 759.8  | 786.5  |
| 15°    | 1053.3 | 1039.5 | 1005.8 | 896.7  | 792.5  | 778.6  | 754.8  | 745.9  | 756.9  | 791.6  | 871.9  |
| 17.5°  | 1041.5 | 1025.6 | 983.9  | 842.1  | 760.8  | 750.8  | 734.0  | 751.8  | 813.4  | 860.0  | 886.7  |
| 20°    | 1025.6 | 1006.8 | 959.2  | 802.4  | 737.9  | 729.0  | 721.1  | 801.4  | 848.1  | 864.9  | 879.8  |
| 22.5°  | 1006.8 | 986.9  | 925.5  | 774.7  | 714.2  | 707.3  | 712.2  | 829.2  | 848.1  | 860.0  | 872.9  |
| 25°    | 982.0  | 965.1  | 885.7  | 752.8  | 695.3  | 687.3  | 706.3  | 826.3  | 837.1  | 840.2  | 865.9  |
| 27.5°  | 959.2  | 937.3  | 844.1  | 733.0  | 672.6  | 669.5  | 711.2  | 813.4  | 821.3  | 824.3  | 852.0  |
| 30°    | 931.4  | 898.6  | 797.5  | 712.2  | 648.7  | 647.7  | 712.2  | 797.5  | 795.5  | 803.4  | 831.2  |
| 32.5°  | 902.6  | 841.2  | 744.9  | 686.4  | 625.9  | 624.9  | 705.3  | 773.7  | 771.7  | 782.6  | 803.4  |
| 35°    | 875.9  | 796.5  | 673.5  | 656.7  | 597.1  | 598.1  | 688.3  | 745.9  | 746.9  | 756.9  | 769.7  |
| 37.5°  | 848.1  | 757.8  | 595.1  | 623.9  | 569.3  | 569.3  | 665.6  | 720.1  | 718.1  | 721.1  | 739.0  |
| 40°    | 815.3  | 697.3  | 525.7  | 581.2  | 543.6  | 540.6  | 637.7  | 692.4  | 685.4  | 684.4  | 709.2  |
| 42.5°  | 780.6  | 630.8  | 474.2  | 524.7  | 513.8  | 509.9  | 604.0  | 658.6  | 645.7  | 648.7  | 680.4  |
| 45°    | 743.0  | 613.0  | 434.4  | 443.4  | 483.0  | 480.1  | 567.3  | 619.9  | 611.0  | 618.9  | 651.6  |
| 47.5°  | 705.3  | 577.3  | 421.5  | 368.0  | 450.3  | 449.3  | 526.7  | 582.2  | 577.3  | 585.2  | 619.9  |
| 50°    | 653.6  | 537.6  | 420.5  | 315.4  | 413.6  | 417.6  | 478.1  | 545.6  | 545.6  | 552.5  | 589.2  |
| 52.5°  | 587.2  | 489.0  | 381.9  | 285.6  | 370.9  | 382.9  | 435.4  | 513.8  | 515.8  | 522.8  | 555.4  |
| 55°    | 526.7  | 438.4  | 354.1  | 262.9  | 320.4  | 346.2  | 393.8  | 481.1  | 485.0  | 492.0  | 521.7  |
| 57.5°  | 471.1  | 365.0  | 348.2  | 236.0  | 273.8  | 298.6  | 357.1  | 449.3  | 451.3  | 457.3  | 486.0  |
| 60°    | 411.7  | 263.9  | 319.4  | 207.3  | 233.1  | 251.9  | 323.3  | 411.7  | 418.6  | 422.5  | 447.3  |
| 62.5°  | 344.2  | 191.5  | 289.6  | 187.4  | 213.3  | 217.2  | 295.6  | 376.0  | 384.8  | 387.8  | 402.7  |
| 65°    | 245.0  | 160.7  | 246.0  | 170.6  | 192.5  | 193.5  | 265.8  | 339.2  | 347.2  | 352.1  | 363.0  |
| 67.5°  | 165.6  | 130.9  | 187.4  | 154.7  | 176.6  | 177.6  | 237.0  | 296.6  | 307.5  | 311.5  | 318.4  |
| 70°    | 115.1  | 87.3   | 138.8  | 137.8  | 158.7  | 160.7  | 206.3  | 257.9  | 267.8  | 270.8  | 274.8  |
| 72.5°  | 84.3   | 70.4   | 115.1  | 123.9  | 139.8  | 141.9  | 174.6  | 214.3  | 224.2  | 227.2  | 229.1  |
| 75°    | 64.5   | 74.3   | 93.3   | 108.2  | 119.0  | 120.0  | 142.9  | 174.6  | 181.5  | 183.5  | 184.5  |
| 77.5°  | 51.6   | 69.4   | 68.4   | 87.3   | 97.2   | 95.2   | 112.1  | 134.9  | 140.8  | 140.8  | 140.8  |
| 80°    | 38.7   | 54.5   | 51.6   | 62.5   | 71.4   | 69.4   | 80.4   | 96.2   | 98.2   | 100.2  | 99.2   |
| 82.5°  | 28.8   | 34.7   | 34.7   | 39.6   | 47.6   | 45.7   | 53.5   | 62.5   | 62.5   | 62.5   | 64.5   |
| 85°    | 17.8   | 19.8   | 15.9   | 20.8   | 26.8   | 25.8   | 29.8   | 33.7   | 34.7   | 34.7   | 32.7   |
| 87.5°  | 10.9   | 9.0    | 4.9    | 7.9    | 11.9   | 11.9   | 13.9   | 14.9   | 13.9   | 13.9   | 13.9   |
| 90°    | 19.9   | 13.8   | 7.7    | 13.8   | 19.9   | 21.4   | 33.6   | 50.0   | 58.2   | 51.7   | 38.7   |
| 92.5°  | 134.8  | 82.7   | 30.7   | 82.7   | 134.8  | 147.8  | 207.8  | 287.7  | 327.7  | 287.2  | 206.3  |
| 95°    | 264.1  | 168.8  | 73.6   | 168.8  | 264.1  | 287.9  | 511.2  | 809.1  | 958.0  | 854.9  | 648.6  |
| 97.5°  | 295.2  | 211.1  | 127.1  | 211.1  | 295.2  | 316.2  | 688.6  | 1185.3 | 1433.5 | 1368.4 | 1238.0 |
| 100°   | 320.9  | 244.7  | 168.5  | 244.7  | 320.9  | 340.0  | 753.2  | 1304.3 | 1579.8 | 1584.5 | 1594.1 |
| 102.5° | 346.0  | 274.8  | 203.7  | 274.8  | 346.0  | 363.7  | 782.9  | 1341.7 | 1621.1 | 1704.1 | 1870.2 |
| 105°   | 383.8  | 323.7  | 263.5  | 323.7  | 383.8  | 398.9  | 804.8  | 1346.0 | 1616.5 | 1802.7 | 2175.0 |
| 107.5° | 437.0  | 380.8  | 324.7  | 380.8  | 437.0  | 451.0  | 808.9  | 1286.0 | 1524.7 | 1784.4 | 2303.7 |
| 110°   | 467.4  | 416.7  | 366.0  | 416.7  | 467.4  | 480.1  | 802.7  | 1232.9 | 1448.0 | 1738.3 | 2319.0 |

TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 503.3  | 454.9  | 406.6  | 454.9  | 503.3  | 515.4  | 803.0  | 1186.6 | 1378.3 | 1675.4 | 2269.7 |
| 115°   | 557.1  | 512.4  | 467.9  | 512.4  | 557.1  | 568.2  | 810.5  | 1133.4 | 1294.9 | 1581.1 | 2153.6 |
| 117.5° | 609.3  | 568.9  | 528.4  | 568.9  | 609.3  | 619.5  | 825.5  | 1100.1 | 1237.4 | 1495.8 | 2012.4 |
| 120°   | 639.8  | 601.8  | 563.6  | 601.8  | 639.8  | 649.4  | 837.7  | 1088.8 | 1214.5 | 1450.5 | 1922.5 |
| 122.5° | 675.0  | 636.6  | 598.1  | 636.6  | 675.0  | 684.6  | 855.4  | 1083.0 | 1196.9 | 1409.5 | 1834.6 |
| 125°   | 721.0  | 686.0  | 650.9  | 686.0  | 721.0  | 729.7  | 879.1  | 1078.2 | 1177.8 | 1358.3 | 1719.4 |
| 127.5° | 764.5  | 729.1  | 693.7  | 729.1  | 764.5  | 773.4  | 902.9  | 1075.4 | 1161.7 | 1316.7 | 1626.8 |
| 130°   | 792.9  | 754.9  | 716.7  | 754.9  | 792.9  | 802.5  | 920.1  | 1077.0 | 1155.5 | 1293.5 | 1569.5 |
| 132.5° | 816.7  | 778.6  | 740.5  | 778.6  | 816.7  | 826.3  | 934.2  | 1078.2 | 1150.2 | 1273.7 | 1520.8 |
| 135°   | 845.1  | 810.4  | 775.7  | 810.4  | 845.1  | 853.8  | 949.5  | 1077.2 | 1141.0 | 1244.4 | 1451.4 |
| 137.5° | 880.5  | 846.1  | 811.7  | 846.1  | 880.5  | 889.1  | 972.5  | 1083.8 | 1139.4 | 1226.9 | 1401.8 |
| 140°   | 904.9  | 873.2  | 841.6  | 873.2  | 904.9  | 912.7  | 986.5  | 1084.9 | 1134.1 | 1209.6 | 1360.8 |
| 142.5° | 923.1  | 893.8  | 864.5  | 893.8  | 923.1  | 930.4  | 998.3  | 1088.8 | 1134.1 | 1200.5 | 1333.2 |
| 145°   | 950.8  | 925.3  | 899.7  | 925.3  | 950.8  | 957.2  | 1013.6 | 1088.8 | 1126.4 | 1180.7 | 1289.3 |
| 147.5° | 984.7  | 959.9  | 935.0  | 959.9  | 984.7  | 990.9  | 1036.1 | 1096.3 | 1126.4 | 1169.1 | 1254.6 |
| 150°   | 1002.9 | 980.5  | 958.0  | 980.5  | 1002.9 | 1008.5 | 1047.8 | 1100.2 | 1126.4 | 1162.5 | 1234.7 |
| 152.5° | 1015.8 | 998.7  | 981.7  | 998.7  | 1015.8 | 1020.0 | 1055.5 | 1102.7 | 1126.4 | 1157.2 | 1218.8 |
| 155°   | 1042.1 | 1029.6 | 1017.0 | 1029.6 | 1042.1 | 1045.3 | 1072.3 | 1108.4 | 1126.4 | 1151.0 | 1200.0 |
| 157.5° | 1067.4 | 1055.2 | 1043.0 | 1055.2 | 1067.4 | 1070.5 | 1089.1 | 1114.0 | 1126.4 | 1145.4 | 1183.6 |
| 160°   | 1079.7 | 1070.1 | 1060.5 | 1070.1 | 1079.7 | 1082.0 | 1096.8 | 1116.5 | 1126.4 | 1142.8 | 1175.4 |
| 162.5° | 1092.5 | 1085.3 | 1078.2 | 1085.3 | 1092.5 | 1094.3 | 1105.0 | 1119.3 | 1126.4 | 1140.2 | 1167.7 |
| 165°   | 1110.3 | 1103.8 | 1097.3 | 1103.8 | 1110.3 | 1111.9 | 1116.7 | 1123.2 | 1126.4 | 1136.3 | 1156.1 |
| 167.5° | 1121.1 | 1118.0 | 1115.0 | 1118.0 | 1121.1 | 1121.9 | 1125.9 | 1131.3 | 1134.1 | 1140.6 | 1153.5 |
| 170°   | 1132.5 | 1129.5 | 1126.4 | 1129.5 | 1132.5 | 1133.3 | 1133.6 | 1133.9 | 1134.1 | 1140.6 | 1153.5 |
| 172.5° | 1133.9 | 1133.2 | 1132.5 | 1133.2 | 1133.9 | 1134.1 | 1134.1 | 1134.1 | 1134.1 | 1139.2 | 1149.4 |
| 175°   | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1138.7 | 1135.7 | 1134.1 | 1137.4 | 1143.9 |
| 177.5° | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1139.2 | 1136.8 | 1135.6 | 1138.1 | 1143.3 |
| 180°   | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 |

TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 |
| 2.5°   | 1011.7 | 1008.8 | 1012.7 | 1001.8 | 1012.7 | 1008.8 | 1011.7 | 1018.6 | 1012.7 | 1016.7 | 1020.7 |
| 5°     | 887.8  | 882.8  | 866.9  | 854.0  | 866.9  | 882.8  | 887.8  | 908.6  | 918.5  | 936.3  | 960.2  |
| 7.5°   | 793.5  | 789.6  | 785.5  | 777.7  | 785.5  | 789.6  | 793.5  | 799.4  | 809.4  | 825.3  | 843.1  |
| 10°    | 772.7  | 773.7  | 779.6  | 778.6  | 779.6  | 773.7  | 772.7  | 770.7  | 767.7  | 770.7  | 781.6  |
| 12.5°  | 826.3  | 835.1  | 867.9  | 865.9  | 867.9  | 835.1  | 826.3  | 786.5  | 759.8  | 754.8  | 756.9  |
| 15°    | 887.8  | 890.8  | 897.7  | 898.6  | 897.7  | 890.8  | 887.8  | 871.9  | 791.6  | 756.9  | 745.9  |
| 17.5°  | 893.7  | 894.7  | 899.6  | 899.6  | 899.6  | 894.7  | 893.7  | 886.7  | 860.0  | 813.4  | 751.8  |
| 20°    | 888.8  | 890.8  | 900.6  | 902.6  | 900.6  | 890.8  | 888.8  | 879.8  | 864.9  | 848.1  | 801.4  |
| 22.5°  | 886.7  | 890.8  | 898.6  | 897.7  | 898.6  | 890.8  | 886.7  | 872.9  | 860.0  | 848.1  | 829.2  |
| 25°    | 876.8  | 876.8  | 877.8  | 878.8  | 877.8  | 876.8  | 876.8  | 865.9  | 840.2  | 837.1  | 826.3  |
| 27.5°  | 856.0  | 858.0  | 863.9  | 862.9  | 863.9  | 858.0  | 856.0  | 852.0  | 824.3  | 821.3  | 813.4  |
| 30°    | 837.1  | 835.1  | 830.2  | 826.3  | 830.2  | 835.1  | 837.1  | 831.2  | 803.4  | 795.5  | 797.5  |
| 32.5°  | 805.5  | 800.4  | 795.5  | 792.5  | 795.5  | 800.4  | 805.5  | 803.4  | 782.6  | 771.7  | 773.7  |
| 35°    | 767.7  | 768.7  | 767.7  | 764.7  | 767.7  | 768.7  | 767.7  | 769.7  | 756.9  | 746.9  | 745.9  |
| 37.5°  | 741.0  | 743.0  | 742.0  | 737.9  | 742.0  | 743.0  | 741.0  | 739.0  | 721.1  | 718.1  | 720.1  |
| 40°    | 713.2  | 714.2  | 713.2  | 710.2  | 713.2  | 714.2  | 713.2  | 709.2  | 684.4  | 685.4  | 692.4  |
| 42.5°  | 686.4  | 685.4  | 682.4  | 680.4  | 682.4  | 685.4  | 686.4  | 680.4  | 648.7  | 645.7  | 658.6  |
| 45°    | 655.7  | 656.7  | 650.7  | 647.7  | 650.7  | 656.7  | 655.7  | 651.6  | 618.9  | 611.0  | 619.9  |
| 47.5°  | 624.9  | 624.9  | 619.9  | 616.9  | 619.9  | 624.9  | 624.9  | 619.9  | 585.2  | 577.3  | 582.2  |
| 50°    | 592.2  | 591.2  | 584.2  | 583.2  | 584.2  | 591.2  | 592.2  | 589.2  | 552.5  | 545.6  | 545.6  |
| 52.5°  | 554.4  | 554.4  | 555.4  | 557.5  | 555.4  | 554.4  | 554.4  | 555.4  | 522.8  | 515.8  | 513.8  |
| 55°    | 521.7  | 522.8  | 529.7  | 531.7  | 529.7  | 522.8  | 521.7  | 521.7  | 492.0  | 485.0  | 481.1  |
| 57.5°  | 488.0  | 488.0  | 493.0  | 493.0  | 493.0  | 488.0  | 488.0  | 486.0  | 457.3  | 451.3  | 449.3  |
| 60°    | 449.3  | 451.3  | 455.2  | 454.3  | 455.2  | 451.3  | 449.3  | 447.3  | 422.5  | 418.6  | 411.7  |
| 62.5°  | 408.7  | 410.7  | 411.7  | 409.7  | 411.7  | 410.7  | 408.7  | 402.7  | 387.8  | 384.8  | 376.0  |
| 65°    | 366.0  | 368.0  | 369.0  | 367.0  | 369.0  | 368.0  | 366.0  | 363.0  | 352.1  | 347.2  | 339.2  |
| 67.5°  | 322.3  | 321.3  | 320.4  | 324.4  | 320.4  | 321.3  | 322.3  | 318.4  | 311.5  | 307.5  | 296.6  |
| 70°    | 277.8  | 277.8  | 276.8  | 278.7  | 276.8  | 277.8  | 277.8  | 274.8  | 270.8  | 267.8  | 257.9  |
| 72.5°  | 230.1  | 229.1  | 233.1  | 230.1  | 233.1  | 229.1  | 230.1  | 229.1  | 227.2  | 224.2  | 214.3  |
| 75°    | 183.5  | 185.5  | 183.5  | 186.5  | 183.5  | 185.5  | 183.5  | 184.5  | 183.5  | 181.5  | 174.6  |
| 77.5°  | 139.8  | 141.9  | 139.8  | 139.8  | 139.8  | 141.9  | 139.8  | 140.8  | 140.8  | 140.8  | 134.9  |
| 80°    | 99.2   | 98.2   | 98.2   | 97.2   | 98.2   | 98.2   | 99.2   | 99.2   | 100.2  | 98.2   | 96.2   |
| 82.5°  | 63.5   | 62.5   | 62.5   | 64.5   | 62.5   | 62.5   | 63.5   | 64.5   | 62.5   | 62.5   | 62.5   |
| 85°    | 34.7   | 35.7   | 33.7   | 33.7   | 33.7   | 35.7   | 34.7   | 32.7   | 34.7   | 34.7   | 33.7   |
| 87.5°  | 12.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 12.9   | 13.9   | 13.9   | 13.9   | 14.9   |
| 90°    | 29.1   | 29.1   | 29.1   | 29.1   | 29.1   | 29.1   | 29.1   | 38.7   | 51.7   | 58.2   | 50.0   |
| 92.5°  | 145.5  | 139.7  | 116.5  | 93.4   | 116.5  | 139.7  | 145.5  | 206.3  | 287.2  | 327.7  | 287.7  |
| 95°    | 493.9  | 476.3  | 406.2  | 336.1  | 406.2  | 476.3  | 493.9  | 648.6  | 854.9  | 958.0  | 809.1  |
| 97.5°  | 1140.2 | 1106.9 | 973.5  | 840.1  | 973.5  | 1106.9 | 1140.2 | 1238.0 | 1368.4 | 1433.5 | 1185.3 |
| 100°   | 1601.2 | 1561.4 | 1402.6 | 1243.6 | 1402.6 | 1561.4 | 1601.2 | 1594.1 | 1584.5 | 1579.8 | 1304.3 |
| 102.5° | 1994.8 | 1960.8 | 1824.6 | 1688.5 | 1824.6 | 1960.8 | 1994.8 | 1870.2 | 1704.1 | 1621.1 | 1341.7 |
| 105°   | 2454.3 | 2435.9 | 2362.8 | 2289.6 | 2362.8 | 2435.9 | 2454.3 | 2175.0 | 1802.7 | 1616.5 | 1346.0 |
| 107.5° | 2693.2 | 2697.6 | 2715.2 | 2733.0 | 2715.2 | 2697.6 | 2693.2 | 2303.7 | 1784.4 | 1524.7 | 1286.0 |
| 110°   | 2754.5 | 2773.5 | 2849.7 | 2926.0 | 2849.7 | 2773.5 | 2754.5 | 2319.0 | 1738.3 | 1448.0 | 1232.9 |

TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2715.3 | 2744.6 | 2861.7 | 2978.8 | 2861.7 | 2744.6 | 2715.3 | 2269.7 | 1675.4 | 1378.3 | 1186.6 |
| 115°   | 2582.9 | 2623.5 | 2785.8 | 2948.1 | 2785.8 | 2623.5 | 2582.9 | 2153.6 | 1581.1 | 1294.9 | 1133.4 |
| 117.5° | 2399.9 | 2444.9 | 2624.9 | 2805.0 | 2624.9 | 2444.9 | 2399.9 | 2012.4 | 1495.8 | 1237.4 | 1100.1 |
| 120°   | 2276.6 | 2320.4 | 2495.3 | 2670.2 | 2495.3 | 2320.4 | 2276.6 | 1922.5 | 1450.5 | 1214.5 | 1088.8 |
| 122.5° | 2153.3 | 2196.4 | 2369.0 | 2541.5 | 2369.0 | 2196.4 | 2153.3 | 1834.6 | 1409.5 | 1196.9 | 1083.0 |
| 125°   | 1990.2 | 2030.0 | 2188.9 | 2347.9 | 2188.9 | 2030.0 | 1990.2 | 1719.4 | 1358.3 | 1177.8 | 1078.2 |
| 127.5° | 1859.3 | 1892.8 | 2026.9 | 2161.0 | 2026.9 | 1892.8 | 1859.3 | 1626.8 | 1316.7 | 1161.7 | 1075.4 |
| 130°   | 1776.6 | 1807.5 | 1931.5 | 2055.3 | 1931.5 | 1807.5 | 1776.6 | 1569.5 | 1293.5 | 1155.5 | 1077.0 |
| 132.5° | 1706.1 | 1733.8 | 1844.8 | 1955.7 | 1844.8 | 1733.8 | 1706.1 | 1520.8 | 1273.7 | 1150.2 | 1078.2 |
| 135°   | 1606.6 | 1630.4 | 1726.1 | 1821.7 | 1726.1 | 1630.4 | 1606.6 | 1451.4 | 1244.4 | 1141.0 | 1077.2 |
| 137.5° | 1533.0 | 1552.6 | 1630.8 | 1709.1 | 1630.8 | 1552.6 | 1533.0 | 1401.8 | 1226.9 | 1139.4 | 1083.8 |
| 140°   | 1474.1 | 1492.4 | 1565.6 | 1638.7 | 1565.6 | 1492.4 | 1474.1 | 1360.8 | 1209.6 | 1134.1 | 1084.9 |
| 142.5° | 1432.8 | 1448.5 | 1511.4 | 1574.4 | 1511.4 | 1448.5 | 1432.8 | 1333.2 | 1200.5 | 1134.1 | 1088.8 |
| 145°   | 1370.7 | 1382.7 | 1430.3 | 1477.9 | 1430.3 | 1382.7 | 1370.7 | 1289.3 | 1180.7 | 1126.4 | 1088.8 |
| 147.5° | 1318.7 | 1328.5 | 1368.1 | 1407.5 | 1368.1 | 1328.5 | 1318.7 | 1254.6 | 1169.1 | 1126.4 | 1096.3 |
| 150°   | 1288.8 | 1296.8 | 1328.8 | 1360.8 | 1328.8 | 1296.8 | 1288.8 | 1234.7 | 1162.5 | 1126.4 | 1100.2 |
| 152.5° | 1265.0 | 1271.1 | 1295.2 | 1319.4 | 1295.2 | 1271.1 | 1265.0 | 1218.8 | 1157.2 | 1126.4 | 1102.7 |
| 155°   | 1236.7 | 1240.8 | 1256.8 | 1272.7 | 1256.8 | 1240.8 | 1236.7 | 1200.0 | 1151.0 | 1126.4 | 1108.4 |
| 157.5° | 1212.2 | 1214.9 | 1226.2 | 1237.4 | 1226.2 | 1214.9 | 1212.2 | 1183.6 | 1145.4 | 1126.4 | 1114.0 |
| 160°   | 1200.0 | 1201.5 | 1208.0 | 1214.5 | 1208.0 | 1201.5 | 1200.0 | 1175.4 | 1142.8 | 1126.4 | 1116.5 |
| 162.5° | 1188.4 | 1190.0 | 1196.1 | 1202.2 | 1196.1 | 1190.0 | 1188.4 | 1167.7 | 1140.2 | 1126.4 | 1119.3 |
| 165°   | 1170.9 | 1172.5 | 1179.0 | 1185.4 | 1179.0 | 1172.5 | 1170.9 | 1156.1 | 1136.3 | 1126.4 | 1123.2 |
| 167.5° | 1163.2 | 1163.9 | 1166.5 | 1169.3 | 1166.5 | 1163.9 | 1163.2 | 1153.5 | 1140.6 | 1134.1 | 1131.3 |
| 170°   | 1163.2 | 1163.2 | 1163.2 | 1163.2 | 1163.2 | 1163.2 | 1163.2 | 1153.5 | 1140.6 | 1134.1 | 1133.9 |
| 172.5° | 1157.1 | 1156.5 | 1154.1 | 1151.7 | 1154.1 | 1156.5 | 1157.1 | 1149.4 | 1139.2 | 1134.1 | 1134.1 |
| 175°   | 1148.7 | 1148.7 | 1148.7 | 1148.7 | 1148.7 | 1148.7 | 1148.7 | 1143.9 | 1137.4 | 1134.1 | 1135.7 |
| 177.5° | 1147.1 | 1146.4 | 1143.8 | 1141.0 | 1143.8 | 1146.4 | 1147.1 | 1143.3 | 1138.1 | 1135.6 | 1136.8 |
| 180°   | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 |

TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1048.4 | 1048.4 | 1048.4 | 1048.4 | 1048.4 |
| 2.5°   | 1035.5 | 1040.5 | 1043.5 | 1047.4 | 1057.4 |
| 5°     | 995.9  | 1014.7 | 1020.7 | 1035.5 | 1053.3 |
| 7.5°   | 908.6  | 966.1  | 982.0  | 1017.7 | 1045.5 |
| 10°    | 824.3  | 881.8  | 909.6  | 993.9  | 1035.5 |
| 12.5°  | 781.6  | 815.3  | 834.2  | 952.2  | 1021.7 |
| 15°    | 754.8  | 778.6  | 792.5  | 896.7  | 1005.8 |
| 17.5°  | 734.0  | 750.8  | 760.8  | 842.1  | 983.9  |
| 20°    | 721.1  | 729.0  | 737.9  | 802.4  | 959.2  |
| 22.5°  | 712.2  | 707.3  | 714.2  | 774.7  | 925.5  |
| 25°    | 706.3  | 687.3  | 695.3  | 752.8  | 885.7  |
| 27.5°  | 711.2  | 669.5  | 672.6  | 733.0  | 844.1  |
| 30°    | 712.2  | 647.7  | 648.7  | 712.2  | 797.5  |
| 32.5°  | 705.3  | 624.9  | 625.9  | 686.4  | 744.9  |
| 35°    | 688.3  | 598.1  | 597.1  | 656.7  | 673.5  |
| 37.5°  | 665.6  | 569.3  | 569.3  | 623.9  | 595.1  |
| 40°    | 637.7  | 540.6  | 543.6  | 581.2  | 525.7  |
| 42.5°  | 604.0  | 509.9  | 513.8  | 524.7  | 474.2  |
| 45°    | 567.3  | 480.1  | 483.0  | 443.4  | 434.4  |
| 47.5°  | 526.7  | 449.3  | 450.3  | 368.0  | 421.5  |
| 50°    | 478.1  | 417.6  | 413.6  | 315.4  | 420.5  |
| 52.5°  | 435.4  | 382.9  | 370.9  | 285.6  | 381.9  |
| 55°    | 393.8  | 346.2  | 320.4  | 262.9  | 354.1  |
| 57.5°  | 357.1  | 298.6  | 273.8  | 236.0  | 348.2  |
| 60°    | 323.3  | 251.9  | 233.1  | 207.3  | 319.4  |
| 62.5°  | 295.6  | 217.2  | 213.3  | 187.4  | 289.6  |
| 65°    | 265.8  | 193.5  | 192.5  | 170.6  | 246.0  |
| 67.5°  | 237.0  | 177.6  | 176.6  | 154.7  | 187.4  |
| 70°    | 206.3  | 160.7  | 158.7  | 137.8  | 138.8  |
| 72.5°  | 174.6  | 141.9  | 139.8  | 123.9  | 115.1  |
| 75°    | 142.9  | 120.0  | 119.0  | 108.2  | 93.3   |
| 77.5°  | 112.1  | 95.2   | 97.2   | 87.3   | 68.4   |
| 80°    | 80.4   | 69.4   | 71.4   | 62.5   | 51.6   |
| 82.5°  | 53.5   | 45.7   | 47.6   | 39.6   | 34.7   |
| 85°    | 29.8   | 25.8   | 26.8   | 20.8   | 15.9   |
| 87.5°  | 13.9   | 11.9   | 11.9   | 7.9    | 4.9    |
| 90°    | 33.6   | 21.4   | 19.9   | 13.8   | 7.7    |
| 92.5°  | 207.8  | 147.8  | 134.8  | 82.7   | 30.7   |
| 95°    | 511.2  | 287.9  | 264.1  | 168.8  | 73.6   |
| 97.5°  | 688.6  | 316.2  | 295.2  | 211.1  | 127.1  |
| 100°   | 753.2  | 340.0  | 320.9  | 244.7  | 168.5  |
| 102.5° | 782.9  | 363.7  | 346.0  | 274.8  | 203.7  |
| 105°   | 804.8  | 398.9  | 383.8  | 323.7  | 263.5  |
| 107.5° | 808.9  | 451.0  | 437.0  | 380.8  | 324.7  |
| 110°   | 802.7  | 480.1  | 467.4  | 416.7  | 366.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 803.0  | 515.4  | 503.3  | 454.9  | 406.6  |
| 115°   | 810.5  | 568.2  | 557.1  | 512.4  | 467.9  |
| 117.5° | 825.5  | 619.5  | 609.3  | 568.9  | 528.4  |
| 120°   | 837.7  | 649.4  | 639.8  | 601.8  | 563.6  |
| 122.5° | 855.4  | 684.6  | 675.0  | 636.6  | 598.1  |
| 125°   | 879.1  | 729.7  | 721.0  | 686.0  | 650.9  |
| 127.5° | 902.9  | 773.4  | 764.5  | 729.1  | 693.7  |
| 130°   | 920.1  | 802.5  | 792.9  | 754.9  | 716.7  |
| 132.5° | 934.2  | 826.3  | 816.7  | 778.6  | 740.5  |
| 135°   | 949.5  | 853.8  | 845.1  | 810.4  | 775.7  |
| 137.5° | 972.5  | 889.1  | 880.5  | 846.1  | 811.7  |
| 140°   | 986.5  | 912.7  | 904.9  | 873.2  | 841.6  |
| 142.5° | 998.3  | 930.4  | 923.1  | 893.8  | 864.5  |
| 145°   | 1013.6 | 957.2  | 950.8  | 925.3  | 899.7  |
| 147.5° | 1036.1 | 990.9  | 984.7  | 959.9  | 935.0  |
| 150°   | 1047.8 | 1008.5 | 1002.9 | 980.5  | 958.0  |
| 152.5° | 1055.5 | 1020.0 | 1015.8 | 998.7  | 981.7  |
| 155°   | 1072.3 | 1045.3 | 1042.1 | 1029.6 | 1017.0 |
| 157.5° | 1089.1 | 1070.5 | 1067.4 | 1055.2 | 1043.0 |
| 160°   | 1096.8 | 1082.0 | 1079.7 | 1070.1 | 1060.5 |
| 162.5° | 1105.0 | 1094.3 | 1092.5 | 1085.3 | 1078.2 |
| 165°   | 1116.7 | 1111.9 | 1110.3 | 1103.8 | 1097.3 |
| 167.5° | 1125.9 | 1121.9 | 1121.1 | 1118.0 | 1115.0 |
| 170°   | 1133.6 | 1133.3 | 1132.5 | 1129.5 | 1126.4 |
| 172.5° | 1134.1 | 1134.1 | 1133.9 | 1133.2 | 1132.5 |
| 175°   | 1138.7 | 1141.0 | 1141.0 | 1141.0 | 1141.0 |
| 177.5° | 1139.2 | 1141.0 | 1141.0 | 1141.0 | 1141.0 |
| 180°   | 1141.0 | 1141.0 | 1141.0 | 1141.0 | 1141.0 |

TEST NUMBER: P935488

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-W2A-W-6-3000K

**CIE UGR TABLE:**

| Reflectances:   |      |                  |       |       |       |       |                |       |       |       |       |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling         |      | 0.7              | 0.7   | 0.5   | 0.5   | 0.3   | 0.7            | 0.7   | 0.5   | 0.5   | 0.3   |
| Wall            |      | 0.5              | 0.3   | 0.5   | 0.3   | 0.3   | 0.5            | 0.3   | 0.5   | 0.3   | 0.3   |
| Reference plane |      | 0.2              | 0.2   | 0.2   | 0.2   | 0.2   | 0.2            | 0.2   | 0.2   | 0.2   | 0.2   |
| Room dimensions |      | Viewed crosswise |       |       |       |       | Viewed endwise |       |       |       |       |
| X=2H            | Y=2H | 8.64             | 9.33  | 9.78  | 10.45 | 12.02 | 11.47          | 12.15 | 12.60 | 13.28 | 14.85 |
|                 | 3H   | 9.11             | 9.72  | 10.25 | 10.85 | 12.43 | 12.80          | 13.41 | 13.94 | 14.54 | 16.13 |
|                 | 4H   | 9.29             | 9.87  | 10.44 | 11.00 | 12.59 | 13.23          | 13.82 | 14.38 | 14.95 | 16.54 |
|                 | 6H   | 9.40             | 9.93  | 10.56 | 11.07 | 12.67 | 13.51          | 14.04 | 14.66 | 15.18 | 16.78 |
|                 | 8H   | 9.39             | 9.90  | 10.56 | 11.06 | 12.65 | 13.57          | 14.09 | 14.74 | 15.24 | 16.83 |
|                 | 12H  | 9.36             | 9.84  | 10.52 | 10.99 | 12.60 | 13.61          | 14.09 | 14.77 | 15.23 | 16.85 |
| 4H              | 2H   | 9.65             | 10.24 | 10.81 | 11.37 | 12.96 | 11.86          | 12.44 | 13.01 | 13.57 | 15.16 |
|                 | 3H   | 10.66            | 11.15 | 11.83 | 12.31 | 13.91 | 13.34          | 13.83 | 14.51 | 14.99 | 16.59 |
|                 | 4H   | 10.93            | 11.38 | 12.10 | 12.53 | 14.14 | 13.86          | 14.31 | 15.03 | 15.46 | 17.08 |
|                 | 6H   | 11.05            | 11.43 | 12.22 | 12.60 | 14.21 | 14.22          | 14.60 | 15.39 | 15.77 | 17.38 |
|                 | 8H   | 11.05            | 11.40 | 12.22 | 12.57 | 14.19 | 14.32          | 14.67 | 15.49 | 15.84 | 17.46 |
|                 | 12H  | 11.01            | 11.33 | 12.19 | 12.50 | 14.13 | 14.36          | 14.69 | 15.55 | 15.86 | 17.49 |
| 8H              | 4H   | 11.37            | 11.73 | 12.54 | 12.89 | 14.51 | 13.97          | 14.33 | 15.14 | 15.49 | 17.12 |
|                 | 6H   | 11.62            | 11.92 | 12.81 | 13.12 | 14.74 | 14.40          | 14.69 | 15.59 | 15.90 | 17.52 |
|                 | 8H   | 11.66            | 11.92 | 12.86 | 13.10 | 14.75 | 14.55          | 14.81 | 15.74 | 15.99 | 17.63 |
|                 | 12H  | 11.64            | 11.87 | 12.84 | 13.05 | 14.72 | 14.64          | 14.86 | 15.84 | 16.04 | 17.72 |
| 12H             | 4H   | 11.37            | 11.69 | 12.55 | 12.86 | 14.49 | 13.93          | 14.25 | 15.11 | 15.42 | 17.06 |
|                 | 6H   | 11.68            | 11.94 | 12.88 | 13.12 | 14.76 | 14.40          | 14.65 | 15.59 | 15.83 | 17.48 |
|                 | 8H   | 11.74            | 11.97 | 12.94 | 13.15 | 14.82 | 14.55          | 14.77 | 15.75 | 15.95 | 17.63 |

END OF REPORT