

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: P935590

Luminaire Tested: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P935590  
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

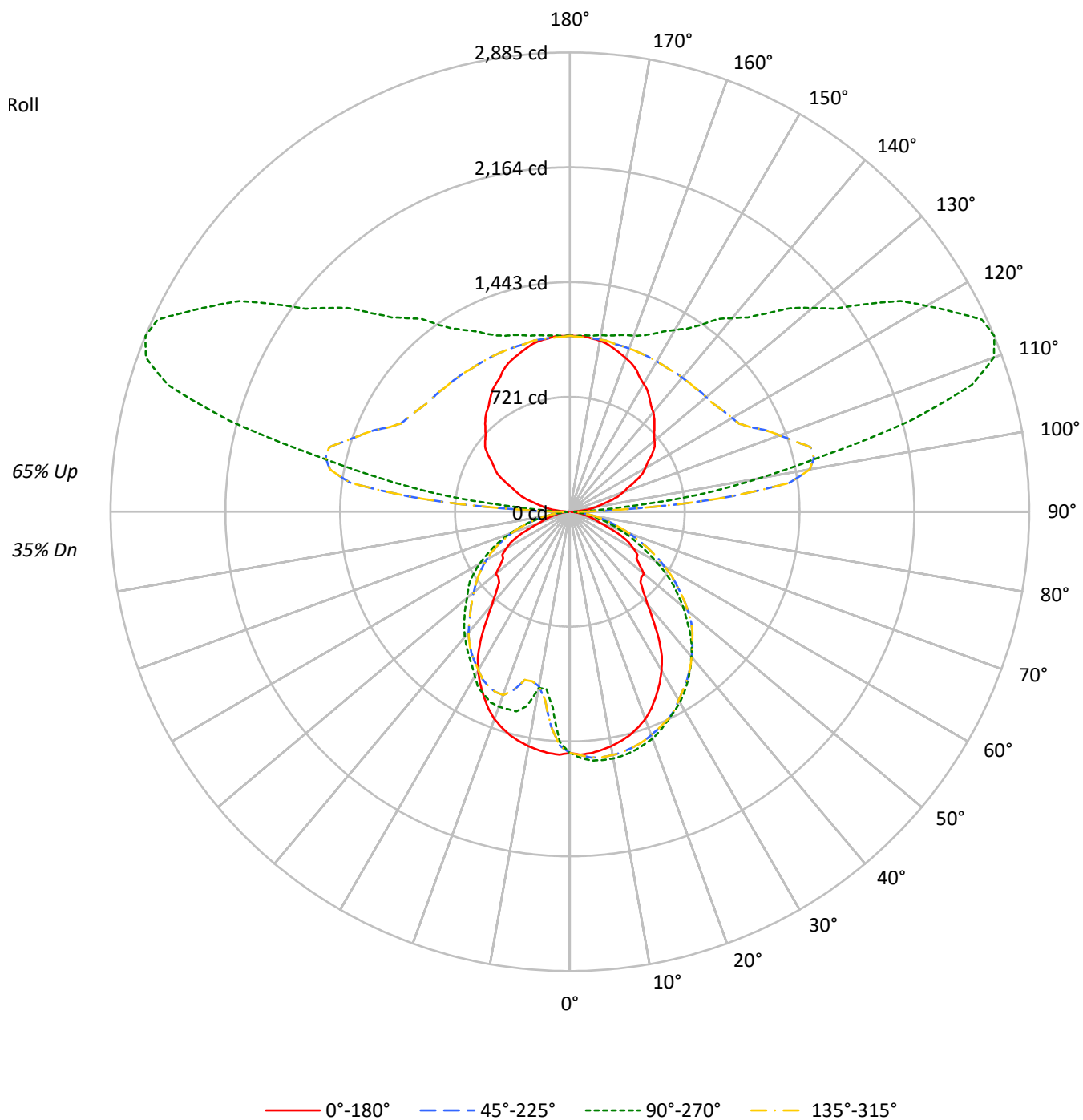
Lumens per Lamp: N/A  
Luminaire Lumens: 11094.1 lumens  
Efficiency: N/A  
Efficacy: 133.0 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 83.4  
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: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

### Luminous Intensity Polar Plot



TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**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   | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 43 | 43 | 43 |    |    | 35 |
| 1   | 95  | 90  | 87  | 83  | 85 | 82 | 79 | 76 | 66 | 64 | 62 | 51 | 50 | 49 | 38 | 37 | 36 |    |    | 30 |
| 2   | 86  | 79  | 73  | 68  | 78 | 72 | 66 | 62 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 30 |    |    | 25 |
| 3   | 78  | 69  | 62  | 56  | 71 | 63 | 57 | 52 | 51 | 47 | 43 | 40 | 37 | 34 | 29 | 28 | 26 |    |    | 21 |
| 4   | 72  | 61  | 54  | 48  | 65 | 56 | 49 | 44 | 45 | 40 | 36 | 35 | 32 | 29 | 26 | 24 | 22 |    |    | 18 |
| 5   | 66  | 54  | 46  | 41  | 59 | 50 | 43 | 38 | 40 | 35 | 31 | 32 | 28 | 25 | 24 | 21 | 19 |    |    | 16 |
| 6   | 60  | 49  | 41  | 35  | 54 | 44 | 37 | 32 | 36 | 31 | 27 | 29 | 25 | 22 | 21 | 19 | 17 |    |    | 14 |
| 7   | 56  | 44  | 36  | 31  | 50 | 40 | 33 | 28 | 33 | 28 | 24 | 26 | 22 | 19 | 20 | 17 | 15 |    |    | 12 |
| 8   | 52  | 40  | 32  | 27  | 47 | 36 | 30 | 25 | 30 | 25 | 21 | 24 | 20 | 17 | 18 | 15 | 13 |    |    | 11 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 22 | 27 | 22 | 19 | 22 | 18 | 15 | 16 | 14 | 12 |    |    | 10 |
| 10  | 45  | 33  | 26  | 21  | 41 | 30 | 24 | 20 | 25 | 20 | 17 | 20 | 16 | 14 | 15 | 13 | 11 |    |    | 9  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 9367 | 9367 | 9367 | 9367 |
| 5°  | 9433 | 9455 | 9433 | 7435 |
| 10° | 9367 | 9314 | 9367 | 6659 |
| 15° | 9262 | 9112 | 9262 | 7609 |
| 20° | 9064 | 8873 | 9064 | 7625 |
| 25° | 8664 | 8524 | 8664 | 7463 |
| 30° | 8148 | 8235 | 8148 | 7109 |
| 35° | 7261 | 7869 | 7261 | 6719 |
| 40° | 6046 | 7438 | 6046 | 6424 |
| 45° | 5399 | 6933 | 5399 | 6085 |
| 50° | 5732 | 6332 | 5732 | 5745 |
| 55° | 5387 | 5683 | 5387 | 5548 |
| 60° | 5547 | 4827 | 5547 | 5082 |
| 65° | 5021 | 3990 | 5021 | 4460 |
| 70° | 3468 | 3180 | 3468 | 3738 |
| 75° | 3031 | 2351 | 3031 | 2815 |
| 80° | 2425 | 1554 | 2425 | 1692 |
| 85° | 1365 | 823  | 1365 | 700  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8280 cd/sqm

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 136.7   | 1.2       |
| 10°-20°   | 388.1   | 3.5       |
| 20°-30°   | 599.9   | 5.4       |
| 30°-40°   | 716.1   | 6.5       |
| 40°-50°   | 720.3   | 6.5       |
| 50°-60°   | 626.8   | 5.6       |
| 60°-70°   | 444.4   | 4.0       |
| 70°-80°   | 235.1   | 2.1       |
| 80°-90°   | 62.8    | 0.6       |
| 90°-100°  | 538.7   | 4.9       |
| 100°-110° | 1416.2  | 12.8      |
| 110°-120° | 1468.5  | 13.2      |
| 120°-130° | 1177.9  | 10.6      |
| 130°-140° | 924.2   | 8.3       |
| 140°-150° | 709.4   | 6.4       |
| 150°-160° | 510.9   | 4.6       |
| 160°-170° | 312.6   | 2.8       |
| 170°-180° | 105.6   | 1.0       |
| 0°-30°    | 1124.6  | 10.1      |
| 0°-40°    | 1840.8  | 16.6      |
| 0°-60°    | 3187.9  | 28.7      |
| 0°-90°    | 3930.1  | 35.4      |
| 90°-120°  | 3423.4  | 30.9      |
| 90°-150°  | 6234.9  | 56.2      |
| 90°-180°  | 7164.0  | 64.6      |
| 0°-180°   | 11094.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1514 | 1514 | 1514 | 1514 | 1514 |      |
| 5°   | 1521 | 1569 | 1521 | 1233 | 1521 | 144  |
| 15°  | 1453 | 1554 | 1453 | 1298 | 1453 | 409  |
| 25°  | 1279 | 1450 | 1279 | 1269 | 1279 | 587  |
| 35°  | 973  | 1294 | 973  | 1104 | 973  | 602  |
| 45°  | 627  | 1066 | 627  | 935  | 627  | 503  |
| 55°  | 511  | 786  | 511  | 768  | 511  | 470  |
| 65°  | 355  | 474  | 355  | 530  | 355  | 340  |
| 75°  | 135  | 225  | 135  | 269  | 135  | 142  |
| 85°  | 23   | 57   | 23   | 49   | 23   | 31   |
| 90°  | 7    | 28   | 7    | 28   | 7    | 7    |
| 95°  | 71   | 326  | 71   | 326  | 71   | 79   |
| 105° | 255  | 2218 | 255  | 2218 | 255  | 271  |
| 115° | 453  | 2855 | 453  | 2855 | 453  | 448  |
| 125° | 630  | 2274 | 630  | 2274 | 630  | 560  |
| 135° | 751  | 1764 | 751  | 1764 | 751  | 581  |
| 145° | 871  | 1431 | 871  | 1431 | 871  | 546  |
| 155° | 985  | 1233 | 985  | 1233 | 985  | 453  |
| 165° | 1063 | 1148 | 1063 | 1148 | 1063 | 300  |
| 175° | 1105 | 1113 | 1105 | 1113 | 1105 | 105  |
| 180° | 1105 | 1105 | 1105 | 1105 | 1105 |      |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5°   | 1527.0 | 1527.0 | 1535.6 | 1538.5 | 1538.5 | 1534.2 | 1529.9 | 1534.2 | 1547.1 | 1551.4 | 1550.0 |
| 5°     | 1521.3 | 1532.8 | 1548.5 | 1551.4 | 1554.3 | 1552.8 | 1550.0 | 1552.8 | 1567.2 | 1570.0 | 1571.5 |
| 7.5°   | 1509.9 | 1531.3 | 1551.4 | 1555.7 | 1560.0 | 1555.7 | 1554.3 | 1557.1 | 1571.5 | 1574.3 | 1574.3 |
| 10°    | 1495.5 | 1525.6 | 1548.5 | 1551.4 | 1555.7 | 1551.4 | 1551.4 | 1557.1 | 1571.5 | 1574.3 | 1575.8 |
| 12.5°  | 1475.5 | 1517.0 | 1538.5 | 1541.4 | 1547.1 | 1545.7 | 1544.2 | 1550.0 | 1564.3 | 1567.2 | 1567.2 |
| 15°    | 1452.6 | 1501.3 | 1521.3 | 1524.2 | 1534.2 | 1531.3 | 1531.3 | 1537.1 | 1552.8 | 1557.1 | 1555.7 |
| 17.5°  | 1421.0 | 1481.2 | 1504.1 | 1508.4 | 1515.6 | 1514.2 | 1515.6 | 1521.3 | 1535.6 | 1538.5 | 1539.9 |
| 20°    | 1385.2 | 1454.0 | 1481.2 | 1485.5 | 1492.7 | 1492.7 | 1492.7 | 1499.8 | 1514.2 | 1519.9 | 1519.9 |
| 22.5°  | 1336.5 | 1425.3 | 1454.0 | 1456.9 | 1465.4 | 1465.4 | 1468.3 | 1478.3 | 1491.2 | 1492.7 | 1492.7 |
| 25°    | 1279.2 | 1393.8 | 1418.2 | 1426.8 | 1435.4 | 1439.7 | 1444.0 | 1449.7 | 1454.0 | 1452.6 | 1454.0 |
| 27.5°  | 1219.1 | 1353.7 | 1385.2 | 1391.0 | 1402.4 | 1406.7 | 1412.4 | 1413.9 | 1415.3 | 1419.6 | 1416.7 |
| 30°    | 1151.7 | 1297.8 | 1345.1 | 1350.8 | 1369.5 | 1372.3 | 1366.6 | 1369.5 | 1376.6 | 1379.5 | 1382.4 |
| 32.5°  | 1075.8 | 1214.8 | 1303.6 | 1316.5 | 1333.7 | 1325.1 | 1323.6 | 1327.9 | 1339.4 | 1339.4 | 1342.3 |
| 35°    | 972.7  | 1150.3 | 1264.9 | 1276.4 | 1289.2 | 1279.2 | 1285.0 | 1286.4 | 1293.5 | 1297.8 | 1296.4 |
| 37.5°  | 859.5  | 1094.4 | 1224.8 | 1233.4 | 1243.4 | 1230.5 | 1239.1 | 1243.4 | 1249.1 | 1246.3 | 1246.3 |
| 40°    | 759.2  | 1007.0 | 1177.5 | 1183.2 | 1191.8 | 1181.8 | 1190.4 | 1193.3 | 1196.1 | 1193.3 | 1191.8 |
| 42.5°  | 684.7  | 911.1  | 1127.4 | 1134.5 | 1128.8 | 1136.0 | 1138.8 | 1144.6 | 1140.3 | 1134.5 | 1134.5 |
| 45°    | 627.4  | 885.3  | 1072.9 | 1081.5 | 1072.9 | 1084.4 | 1088.7 | 1088.7 | 1075.8 | 1072.9 | 1071.5 |
| 47.5°  | 608.8  | 833.7  | 1018.5 | 1018.5 | 1014.2 | 1028.5 | 1035.7 | 1025.7 | 1012.8 | 1008.5 | 1008.5 |
| 50°    | 607.4  | 776.4  | 944.0  | 938.3  | 958.3  | 975.5  | 968.4  | 958.3  | 948.3  | 932.6  | 932.6  |
| 52.5°  | 551.5  | 706.2  | 848.0  | 869.5  | 901.0  | 911.1  | 899.6  | 889.6  | 872.4  | 865.2  | 859.5  |
| 55°    | 511.4  | 633.2  | 760.7  | 803.6  | 836.6  | 849.5  | 828.0  | 818.0  | 792.2  | 787.9  | 785.0  |
| 57.5°  | 502.8  | 527.2  | 680.4  | 734.9  | 775.0  | 773.6  | 760.7  | 742.0  | 720.5  | 716.2  | 714.8  |
| 60°    | 461.3  | 381.0  | 594.5  | 658.9  | 700.5  | 696.2  | 684.7  | 667.5  | 647.5  | 644.6  | 641.8  |
| 62.5°  | 418.3  | 276.5  | 497.1  | 570.1  | 628.9  | 627.4  | 617.4  | 591.6  | 577.3  | 570.1  | 564.4  |
| 65°    | 355.3  | 232.1  | 353.8  | 474.2  | 558.7  | 561.5  | 540.1  | 521.4  | 505.7  | 497.1  | 495.6  |
| 67.5°  | 270.7  | 189.1  | 239.2  | 395.4  | 491.3  | 488.5  | 461.3  | 452.7  | 432.6  | 428.3  | 419.7  |
| 70°    | 200.5  | 126.1  | 166.2  | 320.9  | 425.5  | 418.3  | 396.8  | 386.8  | 368.2  | 358.1  | 352.4  |
| 72.5°  | 166.2  | 101.7  | 121.8  | 249.3  | 358.1  | 349.5  | 330.9  | 319.4  | 303.7  | 295.1  | 289.4  |
| 75°    | 134.7  | 107.4  | 93.1   | 184.8  | 290.8  | 285.1  | 267.9  | 256.4  | 243.5  | 232.1  | 233.5  |
| 77.5°  | 98.8   | 100.3  | 74.5   | 136.1  | 230.6  | 222.0  | 212.0  | 197.7  | 192.0  | 180.5  | 180.5  |
| 80°    | 74.5   | 78.8   | 55.9   | 93.1   | 166.2  | 166.2  | 157.6  | 147.5  | 137.5  | 131.8  | 131.8  |
| 82.5°  | 50.1   | 50.1   | 41.5   | 58.7   | 113.2  | 108.9  | 103.1  | 100.3  | 94.5   | 91.7   | 91.7   |
| 85°    | 22.9   | 28.6   | 25.8   | 35.8   | 61.6   | 64.5   | 64.5   | 61.6   | 60.2   | 57.3   | 58.7   |
| 87.5°  | 7.2    | 12.9   | 15.8   | 20.1   | 31.5   | 32.9   | 34.4   | 34.4   | 34.4   | 35.8   | 35.8   |
| 90°    | 7.4    | 13.4   | 19.3   | 20.7   | 32.6   | 48.4   | 56.3   | 50.0   | 37.5   | 28.2   | 28.2   |
| 92.5°  | 29.7   | 80.1   | 130.5  | 143.2  | 201.2  | 278.7  | 317.4  | 278.2  | 199.8  | 141.0  | 135.3  |
| 95°    | 71.2   | 163.5  | 255.7  | 278.9  | 495.2  | 783.7  | 927.9  | 828.0  | 628.2  | 478.4  | 461.4  |
| 97.5°  | 123.1  | 204.5  | 285.9  | 306.3  | 667.0  | 1148.0 | 1388.5 | 1325.3 | 1199.1 | 1104.4 | 1072.1 |
| 100°   | 163.2  | 237.0  | 310.9  | 329.3  | 729.5  | 1263.3 | 1530.1 | 1534.7 | 1543.9 | 1550.8 | 1512.3 |
| 102.5° | 197.3  | 266.2  | 335.1  | 352.3  | 758.3  | 1299.5 | 1570.1 | 1650.5 | 1811.4 | 1932.1 | 1899.1 |
| 105°   | 255.2  | 313.5  | 371.8  | 386.4  | 779.5  | 1303.7 | 1565.7 | 1746.0 | 2106.6 | 2377.1 | 2359.3 |
| 107.5° | 314.5  | 368.8  | 423.3  | 436.8  | 783.5  | 1245.6 | 1476.7 | 1728.3 | 2231.3 | 2608.5 | 2612.8 |
| 110°   | 354.5  | 403.6  | 452.7  | 465.0  | 777.5  | 1194.1 | 1402.5 | 1683.7 | 2246.1 | 2667.9 | 2686.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 393.8  | 440.6  | 487.4  | 499.2  | 777.8  | 1149.2 | 1335.0 | 1622.7 | 2198.3 | 2630.0 | 2658.3 |
| 115°   | 453.1  | 496.3  | 539.6  | 550.4  | 785.0  | 1097.8 | 1254.2 | 1531.4 | 2085.9 | 2501.7 | 2541.1 |
| 117.5° | 511.8  | 551.0  | 590.2  | 600.0  | 799.5  | 1065.5 | 1198.5 | 1448.7 | 1949.2 | 2324.5 | 2368.0 |
| 120°   | 545.9  | 582.8  | 619.7  | 629.0  | 811.4  | 1054.6 | 1176.3 | 1404.9 | 1862.1 | 2205.0 | 2247.4 |
| 122.5° | 579.3  | 616.5  | 653.8  | 663.1  | 828.5  | 1049.0 | 1159.3 | 1365.2 | 1776.9 | 2085.6 | 2127.4 |
| 125°   | 630.4  | 664.4  | 698.3  | 706.8  | 851.5  | 1044.3 | 1140.7 | 1315.6 | 1665.3 | 1927.7 | 1966.2 |
| 127.5° | 671.9  | 706.2  | 740.5  | 749.1  | 874.5  | 1041.6 | 1125.2 | 1275.3 | 1575.7 | 1800.8 | 1833.3 |
| 130°   | 694.2  | 731.1  | 768.0  | 777.3  | 891.2  | 1043.1 | 1119.2 | 1252.9 | 1520.2 | 1720.7 | 1750.7 |
| 132.5° | 717.2  | 754.2  | 791.0  | 800.3  | 904.9  | 1044.3 | 1114.0 | 1233.7 | 1473.0 | 1652.4 | 1679.3 |
| 135°   | 751.3  | 784.9  | 818.5  | 826.9  | 919.7  | 1043.3 | 1105.1 | 1205.3 | 1405.8 | 1556.1 | 1579.2 |
| 137.5° | 786.2  | 819.5  | 852.8  | 861.1  | 941.9  | 1049.7 | 1103.6 | 1188.3 | 1357.7 | 1484.8 | 1503.7 |
| 140°   | 815.1  | 845.7  | 876.4  | 884.0  | 955.5  | 1050.8 | 1098.4 | 1171.6 | 1318.0 | 1427.7 | 1445.5 |
| 142.5° | 837.3  | 865.7  | 894.1  | 901.1  | 966.9  | 1054.6 | 1098.4 | 1162.7 | 1291.3 | 1387.7 | 1403.0 |
| 145°   | 871.4  | 896.2  | 920.9  | 927.1  | 981.7  | 1054.6 | 1091.0 | 1143.6 | 1248.8 | 1327.6 | 1339.2 |
| 147.5° | 905.6  | 929.7  | 953.8  | 959.8  | 1003.5 | 1061.9 | 1091.0 | 1132.3 | 1215.1 | 1277.2 | 1286.8 |
| 150°   | 927.9  | 949.7  | 971.3  | 976.8  | 1014.9 | 1065.6 | 1091.0 | 1125.9 | 1195.9 | 1248.3 | 1256.0 |
| 152.5° | 950.8  | 967.3  | 983.8  | 987.9  | 1022.3 | 1068.1 | 1091.0 | 1120.8 | 1180.5 | 1225.3 | 1231.1 |
| 155°   | 985.0  | 997.2  | 1009.3 | 1012.4 | 1038.6 | 1073.5 | 1091.0 | 1114.8 | 1162.2 | 1197.9 | 1201.8 |
| 157.5° | 1010.2 | 1022.0 | 1033.9 | 1036.8 | 1054.9 | 1079.0 | 1091.0 | 1109.4 | 1146.4 | 1174.1 | 1176.8 |
| 160°   | 1027.2 | 1036.5 | 1045.7 | 1048.0 | 1062.3 | 1081.4 | 1091.0 | 1106.8 | 1138.5 | 1162.2 | 1163.8 |
| 162.5° | 1044.3 | 1051.2 | 1058.1 | 1059.9 | 1070.3 | 1084.1 | 1091.0 | 1104.4 | 1131.0 | 1151.1 | 1152.6 |
| 165°   | 1062.8 | 1069.1 | 1075.4 | 1077.0 | 1081.6 | 1087.8 | 1091.0 | 1100.5 | 1119.7 | 1134.1 | 1135.6 |
| 167.5° | 1079.9 | 1082.9 | 1085.8 | 1086.6 | 1090.5 | 1095.8 | 1098.4 | 1104.7 | 1117.3 | 1126.6 | 1127.3 |
| 170°   | 1091.0 | 1094.0 | 1096.9 | 1097.7 | 1098.0 | 1098.2 | 1098.4 | 1104.7 | 1117.3 | 1126.6 | 1126.6 |
| 172.5° | 1096.9 | 1097.6 | 1098.2 | 1098.4 | 1098.4 | 1098.4 | 1098.4 | 1103.4 | 1113.2 | 1120.7 | 1120.1 |
| 175°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1102.9 | 1100.0 | 1098.4 | 1101.6 | 1107.9 | 1112.6 | 1112.6 |
| 177.5° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1103.4 | 1101.0 | 1099.9 | 1102.4 | 1107.3 | 1111.0 | 1110.4 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5°   | 1552.8 | 1548.5 | 1552.8 | 1550.0 | 1551.4 | 1547.1 | 1534.2 | 1529.9 | 1534.2 | 1538.5 | 1538.5 |
| 5°     | 1571.5 | 1568.6 | 1571.5 | 1571.5 | 1570.0 | 1567.2 | 1552.8 | 1550.0 | 1552.8 | 1554.3 | 1551.4 |
| 7.5°   | 1577.2 | 1572.9 | 1577.2 | 1574.3 | 1574.3 | 1571.5 | 1557.1 | 1554.3 | 1555.7 | 1560.0 | 1555.7 |
| 10°    | 1577.2 | 1572.9 | 1577.2 | 1575.8 | 1574.3 | 1571.5 | 1557.1 | 1551.4 | 1551.4 | 1555.7 | 1551.4 |
| 12.5°  | 1570.0 | 1567.2 | 1570.0 | 1567.2 | 1567.2 | 1564.3 | 1550.0 | 1544.2 | 1545.7 | 1547.1 | 1541.4 |
| 15°    | 1558.6 | 1554.3 | 1558.6 | 1555.7 | 1557.1 | 1552.8 | 1537.1 | 1531.3 | 1531.3 | 1534.2 | 1524.2 |
| 17.5°  | 1541.4 | 1535.6 | 1541.4 | 1539.9 | 1538.5 | 1535.6 | 1521.3 | 1515.6 | 1514.2 | 1515.6 | 1508.4 |
| 20°    | 1521.3 | 1517.0 | 1521.3 | 1519.9 | 1519.9 | 1514.2 | 1499.8 | 1492.7 | 1492.7 | 1492.7 | 1485.5 |
| 22.5°  | 1489.8 | 1485.5 | 1489.8 | 1492.7 | 1492.7 | 1491.2 | 1478.3 | 1468.3 | 1465.4 | 1465.4 | 1456.9 |
| 25°    | 1454.0 | 1449.7 | 1454.0 | 1454.0 | 1452.6 | 1454.0 | 1449.7 | 1444.0 | 1439.7 | 1435.4 | 1426.8 |
| 27.5°  | 1419.6 | 1416.7 | 1419.6 | 1416.7 | 1419.6 | 1415.3 | 1413.9 | 1412.4 | 1406.7 | 1402.4 | 1391.0 |
| 30°    | 1385.2 | 1382.4 | 1385.2 | 1382.4 | 1379.5 | 1376.6 | 1369.5 | 1366.6 | 1372.3 | 1369.5 | 1350.8 |
| 32.5°  | 1342.3 | 1339.4 | 1342.3 | 1342.3 | 1339.4 | 1339.4 | 1327.9 | 1323.6 | 1325.1 | 1333.7 | 1316.5 |
| 35°    | 1297.8 | 1293.5 | 1297.8 | 1296.4 | 1297.8 | 1293.5 | 1286.4 | 1285.0 | 1279.2 | 1289.2 | 1276.4 |
| 37.5°  | 1246.3 | 1242.0 | 1246.3 | 1246.3 | 1246.3 | 1249.1 | 1243.4 | 1239.1 | 1230.5 | 1243.4 | 1233.4 |
| 40°    | 1193.3 | 1187.5 | 1193.3 | 1191.8 | 1193.3 | 1196.1 | 1193.3 | 1190.4 | 1181.8 | 1191.8 | 1183.2 |
| 42.5°  | 1133.1 | 1131.7 | 1133.1 | 1134.5 | 1134.5 | 1140.3 | 1144.6 | 1138.8 | 1136.0 | 1128.8 | 1134.5 |
| 45°    | 1068.6 | 1065.8 | 1068.6 | 1071.5 | 1072.9 | 1075.8 | 1088.7 | 1088.7 | 1084.4 | 1072.9 | 1081.5 |
| 47.5°  | 999.9  | 992.7  | 999.9  | 1008.5 | 1008.5 | 1012.8 | 1025.7 | 1035.7 | 1028.5 | 1014.2 | 1018.5 |
| 50°    | 926.8  | 928.3  | 926.8  | 932.6  | 932.6  | 948.3  | 958.3  | 968.4  | 975.5  | 958.3  | 938.3  |
| 52.5°  | 855.2  | 853.8  | 855.2  | 859.5  | 865.2  | 872.4  | 889.6  | 899.6  | 911.1  | 901.0  | 869.5  |
| 55°    | 783.6  | 786.4  | 783.6  | 785.0  | 787.9  | 792.2  | 818.0  | 828.0  | 849.5  | 836.6  | 803.6  |
| 57.5°  | 712.0  | 707.7  | 712.0  | 714.8  | 716.2  | 720.5  | 742.0  | 760.7  | 773.6  | 775.0  | 734.9  |
| 60°    | 628.9  | 623.1  | 628.9  | 641.8  | 644.6  | 647.5  | 667.5  | 684.7  | 696.2  | 700.5  | 658.9  |
| 62.5°  | 555.8  | 545.8  | 555.8  | 564.4  | 570.1  | 577.3  | 591.6  | 617.4  | 627.4  | 628.9  | 570.1  |
| 65°    | 478.5  | 474.2  | 478.5  | 495.6  | 497.1  | 505.7  | 521.4  | 540.1  | 561.5  | 558.7  | 474.2  |
| 67.5°  | 408.3  | 408.3  | 408.3  | 419.7  | 428.3  | 432.6  | 452.7  | 461.3  | 488.5  | 491.3  | 395.4  |
| 70°    | 343.8  | 342.4  | 343.8  | 352.4  | 358.1  | 368.2  | 386.8  | 396.8  | 418.3  | 425.5  | 320.9  |
| 72.5°  | 282.2  | 280.8  | 282.2  | 289.4  | 295.1  | 303.7  | 319.4  | 330.9  | 349.5  | 358.1  | 249.3  |
| 75°    | 227.8  | 224.9  | 227.8  | 233.5  | 232.1  | 243.5  | 256.4  | 267.9  | 285.1  | 290.8  | 184.8  |
| 77.5°  | 174.8  | 174.8  | 174.8  | 180.5  | 180.5  | 192.0  | 197.7  | 212.0  | 222.0  | 230.6  | 136.1  |
| 80°    | 130.4  | 128.9  | 130.4  | 131.8  | 131.8  | 137.5  | 147.5  | 157.6  | 166.2  | 166.2  | 93.1   |
| 82.5°  | 91.7   | 88.8   | 91.7   | 91.7   | 91.7   | 94.5   | 100.3  | 103.1  | 108.9  | 113.2  | 58.7   |
| 85°    | 57.3   | 57.3   | 57.3   | 58.7   | 57.3   | 60.2   | 61.6   | 64.5   | 64.5   | 61.6   | 35.8   |
| 87.5°  | 37.2   | 35.8   | 37.2   | 35.8   | 35.8   | 34.4   | 34.4   | 34.4   | 32.9   | 31.5   | 20.1   |
| 90°    | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 37.5   | 50.0   | 56.3   | 48.4   | 32.6   | 20.7   |
| 92.5°  | 112.9  | 90.4   | 112.9  | 135.3  | 141.0  | 199.8  | 278.2  | 317.4  | 278.7  | 201.2  | 143.2  |
| 95°    | 393.5  | 325.6  | 393.5  | 461.4  | 478.4  | 628.2  | 828.0  | 927.9  | 783.7  | 495.2  | 278.9  |
| 97.5°  | 942.9  | 813.7  | 942.9  | 1072.1 | 1104.4 | 1199.1 | 1325.3 | 1388.5 | 1148.0 | 667.0  | 306.3  |
| 100°   | 1358.5 | 1204.5 | 1358.5 | 1512.3 | 1550.8 | 1543.9 | 1534.7 | 1530.1 | 1263.3 | 729.5  | 329.3  |
| 102.5° | 1767.2 | 1635.4 | 1767.2 | 1899.1 | 1932.1 | 1811.4 | 1650.5 | 1570.1 | 1299.5 | 758.3  | 352.3  |
| 105°   | 2288.5 | 2217.6 | 2288.5 | 2359.3 | 2377.1 | 2106.6 | 1746.0 | 1565.7 | 1303.7 | 779.5  | 386.4  |
| 107.5° | 2629.9 | 2647.1 | 2629.9 | 2612.8 | 2608.5 | 2231.3 | 1728.3 | 1476.7 | 1245.6 | 783.5  | 436.8  |
| 110°   | 2760.1 | 2834.0 | 2760.1 | 2686.3 | 2667.9 | 2246.1 | 1683.7 | 1402.5 | 1194.1 | 777.5  | 465.0  |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2771.7 | 2885.2 | 2771.7 | 2658.3 | 2630.0 | 2198.3 | 1622.7 | 1335.0 | 1149.2 | 777.8  | 499.2  |
| 115°   | 2698.3 | 2855.4 | 2698.3 | 2541.1 | 2501.7 | 2085.9 | 1531.4 | 1254.2 | 1097.8 | 785.0  | 550.4  |
| 117.5° | 2542.4 | 2716.8 | 2542.4 | 2368.0 | 2324.5 | 1949.2 | 1448.7 | 1198.5 | 1065.5 | 799.5  | 600.0  |
| 120°   | 2416.8 | 2586.2 | 2416.8 | 2247.4 | 2205.0 | 1862.1 | 1404.9 | 1176.3 | 1054.6 | 811.4  | 629.0  |
| 122.5° | 2294.5 | 2461.6 | 2294.5 | 2127.4 | 2085.6 | 1776.9 | 1365.2 | 1159.3 | 1049.0 | 828.5  | 663.1  |
| 125°   | 2120.1 | 2274.0 | 2120.1 | 1966.2 | 1927.7 | 1665.3 | 1315.6 | 1140.7 | 1044.3 | 851.5  | 706.8  |
| 127.5° | 1963.2 | 2093.1 | 1963.2 | 1833.3 | 1800.8 | 1575.7 | 1275.3 | 1125.2 | 1041.6 | 874.5  | 749.1  |
| 130°   | 1870.7 | 1990.7 | 1870.7 | 1750.7 | 1720.7 | 1520.2 | 1252.9 | 1119.2 | 1043.1 | 891.2  | 777.3  |
| 132.5° | 1786.8 | 1894.2 | 1786.8 | 1679.3 | 1652.4 | 1473.0 | 1233.7 | 1114.0 | 1044.3 | 904.9  | 800.3  |
| 135°   | 1671.8 | 1764.5 | 1671.8 | 1579.2 | 1556.1 | 1405.8 | 1205.3 | 1105.1 | 1043.3 | 919.7  | 826.9  |
| 137.5° | 1579.6 | 1655.4 | 1579.6 | 1503.7 | 1484.8 | 1357.7 | 1188.3 | 1103.6 | 1049.7 | 941.9  | 861.1  |
| 140°   | 1516.3 | 1587.2 | 1516.3 | 1445.5 | 1427.7 | 1318.0 | 1171.6 | 1098.4 | 1050.8 | 955.5  | 884.0  |
| 142.5° | 1463.9 | 1524.9 | 1463.9 | 1403.0 | 1387.7 | 1291.3 | 1162.7 | 1098.4 | 1054.6 | 966.9  | 901.1  |
| 145°   | 1385.3 | 1431.4 | 1385.3 | 1339.2 | 1327.6 | 1248.8 | 1143.6 | 1091.0 | 1054.6 | 981.7  | 927.1  |
| 147.5° | 1325.1 | 1363.3 | 1325.1 | 1286.8 | 1277.2 | 1215.1 | 1132.3 | 1091.0 | 1061.9 | 1003.5 | 959.8  |
| 150°   | 1287.1 | 1318.0 | 1287.1 | 1256.0 | 1248.3 | 1195.9 | 1125.9 | 1091.0 | 1065.6 | 1014.9 | 976.8  |
| 152.5° | 1254.5 | 1277.9 | 1254.5 | 1231.1 | 1225.3 | 1180.5 | 1120.8 | 1091.0 | 1068.1 | 1022.3 | 987.9  |
| 155°   | 1217.2 | 1232.7 | 1217.2 | 1201.8 | 1197.9 | 1162.2 | 1114.8 | 1091.0 | 1073.5 | 1038.6 | 1012.4 |
| 157.5° | 1187.6 | 1198.5 | 1187.6 | 1176.8 | 1174.1 | 1146.4 | 1109.4 | 1091.0 | 1079.0 | 1054.9 | 1036.8 |
| 160°   | 1170.1 | 1176.3 | 1170.1 | 1163.8 | 1162.2 | 1138.5 | 1106.8 | 1091.0 | 1081.4 | 1062.3 | 1048.0 |
| 162.5° | 1158.5 | 1164.4 | 1158.5 | 1152.6 | 1151.1 | 1131.0 | 1104.4 | 1091.0 | 1084.1 | 1070.3 | 1059.9 |
| 165°   | 1141.9 | 1148.1 | 1141.9 | 1135.6 | 1134.1 | 1119.7 | 1100.5 | 1091.0 | 1087.8 | 1081.6 | 1077.0 |
| 167.5° | 1129.9 | 1132.5 | 1129.9 | 1127.3 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1095.8 | 1090.5 | 1086.6 |
| 170°   | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1098.2 | 1098.0 | 1097.7 |
| 172.5° | 1117.8 | 1115.5 | 1117.8 | 1120.1 | 1120.7 | 1113.2 | 1103.4 | 1098.4 | 1098.4 | 1098.4 | 1098.4 |
| 175°   | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1107.9 | 1101.6 | 1098.4 | 1100.0 | 1102.9 | 1105.1 |
| 177.5° | 1107.8 | 1105.1 | 1107.8 | 1110.4 | 1111.0 | 1107.3 | 1102.4 | 1099.9 | 1101.0 | 1103.4 | 1105.1 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5°   | 1535.6 | 1527.0 | 1527.0 | 1512.7 | 1507.0 | 1502.7 | 1495.5 | 1474.0 | 1468.3 | 1462.6 | 1471.2 |
| 5°     | 1548.5 | 1532.8 | 1521.3 | 1495.5 | 1474.0 | 1465.4 | 1438.2 | 1386.7 | 1352.3 | 1326.5 | 1312.2 |
| 7.5°   | 1551.4 | 1531.3 | 1509.9 | 1469.7 | 1418.2 | 1395.3 | 1312.2 | 1217.6 | 1191.8 | 1168.9 | 1154.6 |
| 10°    | 1548.5 | 1525.6 | 1495.5 | 1435.4 | 1313.6 | 1273.5 | 1190.4 | 1128.8 | 1113.1 | 1108.8 | 1113.1 |
| 12.5°  | 1538.5 | 1517.0 | 1475.5 | 1375.2 | 1204.7 | 1177.5 | 1128.8 | 1093.0 | 1090.1 | 1097.3 | 1136.0 |
| 15°    | 1521.3 | 1501.3 | 1452.6 | 1295.0 | 1144.6 | 1124.5 | 1090.1 | 1077.2 | 1093.0 | 1143.1 | 1259.2 |
| 17.5°  | 1504.1 | 1481.2 | 1421.0 | 1216.2 | 1098.7 | 1084.4 | 1060.0 | 1085.8 | 1174.6 | 1242.0 | 1280.7 |
| 20°    | 1481.2 | 1454.0 | 1385.2 | 1158.9 | 1065.8 | 1052.9 | 1041.4 | 1157.5 | 1224.8 | 1249.1 | 1270.6 |
| 22.5°  | 1454.0 | 1425.3 | 1336.5 | 1118.8 | 1031.4 | 1021.4 | 1028.5 | 1197.6 | 1224.8 | 1242.0 | 1260.6 |
| 25°    | 1418.2 | 1393.8 | 1279.2 | 1087.3 | 1004.2 | 992.7  | 1019.9 | 1193.3 | 1209.0 | 1213.3 | 1250.6 |
| 27.5°  | 1385.2 | 1353.7 | 1219.1 | 1058.6 | 971.2  | 966.9  | 1027.1 | 1174.6 | 1186.1 | 1190.4 | 1230.5 |
| 30°    | 1345.1 | 1297.8 | 1151.7 | 1028.5 | 936.9  | 935.4  | 1028.5 | 1151.7 | 1148.9 | 1160.3 | 1200.4 |
| 32.5°  | 1303.6 | 1214.8 | 1075.8 | 991.3  | 903.9  | 902.5  | 1018.5 | 1117.4 | 1114.5 | 1130.2 | 1160.3 |
| 35°    | 1264.9 | 1150.3 | 972.7  | 948.3  | 862.4  | 863.8  | 994.2  | 1077.2 | 1078.7 | 1093.0 | 1111.6 |
| 37.5°  | 1224.8 | 1094.4 | 859.5  | 901.0  | 822.3  | 822.3  | 961.2  | 1040.0 | 1037.1 | 1041.4 | 1067.2 |
| 40°    | 1177.5 | 1007.0 | 759.2  | 839.4  | 785.0  | 780.7  | 921.1  | 999.9  | 989.9  | 988.4  | 1024.2 |
| 42.5°  | 1127.4 | 911.1  | 684.7  | 757.8  | 742.0  | 736.3  | 872.4  | 951.2  | 932.6  | 936.9  | 982.7  |
| 45°    | 1072.9 | 885.3  | 627.4  | 640.3  | 697.6  | 693.3  | 819.4  | 895.3  | 882.4  | 893.9  | 941.2  |
| 47.5°  | 1018.5 | 833.7  | 608.8  | 531.5  | 650.4  | 648.9  | 760.7  | 840.9  | 833.7  | 845.2  | 895.3  |
| 50°    | 944.0  | 776.4  | 607.4  | 455.5  | 597.4  | 603.1  | 690.5  | 787.9  | 787.9  | 797.9  | 850.9  |
| 52.5°  | 848.0  | 706.2  | 551.5  | 412.6  | 535.8  | 552.9  | 628.9  | 742.0  | 744.9  | 754.9  | 802.2  |
| 55°    | 760.7  | 633.2  | 511.4  | 379.6  | 462.7  | 499.9  | 568.7  | 694.8  | 700.5  | 710.5  | 753.5  |
| 57.5°  | 680.4  | 527.2  | 502.8  | 340.9  | 395.4  | 431.2  | 515.7  | 648.9  | 651.8  | 660.4  | 701.9  |
| 60°    | 594.5  | 381.0  | 461.3  | 299.4  | 336.6  | 363.9  | 467.0  | 594.5  | 604.5  | 610.2  | 646.1  |
| 62.5°  | 497.1  | 276.5  | 418.3  | 270.7  | 308.0  | 313.7  | 426.9  | 542.9  | 555.8  | 560.1  | 581.6  |
| 65°    | 353.8  | 232.1  | 355.3  | 246.4  | 277.9  | 279.3  | 383.9  | 489.9  | 501.4  | 508.5  | 524.3  |
| 67.5°  | 239.2  | 189.1  | 270.7  | 223.5  | 255.0  | 256.4  | 342.4  | 428.3  | 444.1  | 449.8  | 459.8  |
| 70°    | 166.2  | 126.1  | 200.5  | 199.1  | 229.2  | 232.1  | 298.0  | 372.4  | 386.8  | 391.1  | 396.8  |
| 72.5°  | 121.8  | 101.7  | 166.2  | 179.1  | 202.0  | 204.8  | 252.1  | 309.4  | 323.7  | 328.0  | 330.9  |
| 75°    | 93.1   | 107.4  | 134.7  | 156.1  | 171.9  | 173.3  | 206.3  | 252.1  | 262.1  | 265.0  | 266.4  |
| 77.5°  | 74.5   | 100.3  | 98.8   | 126.1  | 140.4  | 137.5  | 161.9  | 194.8  | 203.4  | 203.4  | 203.4  |
| 80°    | 55.9   | 78.8   | 74.5   | 90.2   | 103.1  | 100.3  | 116.0  | 139.0  | 141.8  | 144.7  | 143.2  |
| 82.5°  | 41.5   | 50.1   | 50.1   | 57.3   | 68.8   | 65.9   | 77.4   | 90.2   | 90.2   | 90.2   | 93.1   |
| 85°    | 25.8   | 28.6   | 22.9   | 30.1   | 38.7   | 37.2   | 43.0   | 48.7   | 50.1   | 50.1   | 47.3   |
| 87.5°  | 15.8   | 12.9   | 7.2    | 11.5   | 17.2   | 17.2   | 20.1   | 21.5   | 20.1   | 20.1   | 20.1   |
| 90°    | 19.3   | 13.4   | 7.4    | 13.4   | 19.3   | 20.7   | 32.6   | 48.4   | 56.3   | 50.0   | 37.5   |
| 92.5°  | 130.5  | 80.1   | 29.7   | 80.1   | 130.5  | 143.2  | 201.2  | 278.7  | 317.4  | 278.2  | 199.8  |
| 95°    | 255.7  | 163.5  | 71.2   | 163.5  | 255.7  | 278.9  | 495.2  | 783.7  | 927.9  | 828.0  | 628.2  |
| 97.5°  | 285.9  | 204.5  | 123.1  | 204.5  | 285.9  | 306.3  | 667.0  | 1148.0 | 1388.5 | 1325.3 | 1199.1 |
| 100°   | 310.9  | 237.0  | 163.2  | 237.0  | 310.9  | 329.3  | 729.5  | 1263.3 | 1530.1 | 1534.7 | 1543.9 |
| 102.5° | 335.1  | 266.2  | 197.3  | 266.2  | 335.1  | 352.3  | 758.3  | 1299.5 | 1570.1 | 1650.5 | 1811.4 |
| 105°   | 371.8  | 313.5  | 255.2  | 313.5  | 371.8  | 386.4  | 779.5  | 1303.7 | 1565.7 | 1746.0 | 2106.6 |
| 107.5° | 423.3  | 368.8  | 314.5  | 368.8  | 423.3  | 436.8  | 783.5  | 1245.6 | 1476.7 | 1728.3 | 2231.3 |
| 110°   | 452.7  | 403.6  | 354.5  | 403.6  | 452.7  | 465.0  | 777.5  | 1194.1 | 1402.5 | 1683.7 | 2246.1 |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 487.4  | 440.6  | 393.8  | 440.6  | 487.4  | 499.2  | 777.8  | 1149.2 | 1335.0 | 1622.7 | 2198.3 |
| 115°   | 539.6  | 496.3  | 453.1  | 496.3  | 539.6  | 550.4  | 785.0  | 1097.8 | 1254.2 | 1531.4 | 2085.9 |
| 117.5° | 590.2  | 551.0  | 511.8  | 551.0  | 590.2  | 600.0  | 799.5  | 1065.5 | 1198.5 | 1448.7 | 1949.2 |
| 120°   | 619.7  | 582.8  | 545.9  | 582.8  | 619.7  | 629.0  | 811.4  | 1054.6 | 1176.3 | 1404.9 | 1862.1 |
| 122.5° | 653.8  | 616.5  | 579.3  | 616.5  | 653.8  | 663.1  | 828.5  | 1049.0 | 1159.3 | 1365.2 | 1776.9 |
| 125°   | 698.3  | 664.4  | 630.4  | 664.4  | 698.3  | 706.8  | 851.5  | 1044.3 | 1140.7 | 1315.6 | 1665.3 |
| 127.5° | 740.5  | 706.2  | 671.9  | 706.2  | 740.5  | 749.1  | 874.5  | 1041.6 | 1125.2 | 1275.3 | 1575.7 |
| 130°   | 768.0  | 731.1  | 694.2  | 731.1  | 768.0  | 777.3  | 891.2  | 1043.1 | 1119.2 | 1252.9 | 1520.2 |
| 132.5° | 791.0  | 754.2  | 717.2  | 754.2  | 791.0  | 800.3  | 904.9  | 1044.3 | 1114.0 | 1233.7 | 1473.0 |
| 135°   | 818.5  | 784.9  | 751.3  | 784.9  | 818.5  | 826.9  | 919.7  | 1043.3 | 1105.1 | 1205.3 | 1405.8 |
| 137.5° | 852.8  | 819.5  | 786.2  | 819.5  | 852.8  | 861.1  | 941.9  | 1049.7 | 1103.6 | 1188.3 | 1357.7 |
| 140°   | 876.4  | 845.7  | 815.1  | 845.7  | 876.4  | 884.0  | 955.5  | 1050.8 | 1098.4 | 1171.6 | 1318.0 |
| 142.5° | 894.1  | 865.7  | 837.3  | 865.7  | 894.1  | 901.1  | 966.9  | 1054.6 | 1098.4 | 1162.7 | 1291.3 |
| 145°   | 920.9  | 896.2  | 871.4  | 896.2  | 920.9  | 927.1  | 981.7  | 1054.6 | 1091.0 | 1143.6 | 1248.8 |
| 147.5° | 953.8  | 929.7  | 905.6  | 929.7  | 953.8  | 959.8  | 1003.5 | 1061.9 | 1091.0 | 1132.3 | 1215.1 |
| 150°   | 971.3  | 949.7  | 927.9  | 949.7  | 971.3  | 976.8  | 1014.9 | 1065.6 | 1091.0 | 1125.9 | 1195.9 |
| 152.5° | 983.8  | 967.3  | 950.8  | 967.3  | 983.8  | 987.9  | 1022.3 | 1068.1 | 1091.0 | 1120.8 | 1180.5 |
| 155°   | 1009.3 | 997.2  | 985.0  | 997.2  | 1009.3 | 1012.4 | 1038.6 | 1073.5 | 1091.0 | 1114.8 | 1162.2 |
| 157.5° | 1033.9 | 1022.0 | 1010.2 | 1022.0 | 1033.9 | 1036.8 | 1054.9 | 1079.0 | 1091.0 | 1109.4 | 1146.4 |
| 160°   | 1045.7 | 1036.5 | 1027.2 | 1036.5 | 1045.7 | 1048.0 | 1062.3 | 1081.4 | 1091.0 | 1106.8 | 1138.5 |
| 162.5° | 1058.1 | 1051.2 | 1044.3 | 1051.2 | 1058.1 | 1059.9 | 1070.3 | 1084.1 | 1091.0 | 1104.4 | 1131.0 |
| 165°   | 1075.4 | 1069.1 | 1062.8 | 1069.1 | 1075.4 | 1077.0 | 1081.6 | 1087.8 | 1091.0 | 1100.5 | 1119.7 |
| 167.5° | 1085.8 | 1082.9 | 1079.9 | 1082.9 | 1085.8 | 1086.6 | 1090.5 | 1095.8 | 1098.4 | 1104.7 | 1117.3 |
| 170°   | 1096.9 | 1094.0 | 1091.0 | 1094.0 | 1096.9 | 1097.7 | 1098.0 | 1098.2 | 1098.4 | 1104.7 | 1117.3 |
| 172.5° | 1098.2 | 1097.6 | 1096.9 | 1097.6 | 1098.2 | 1098.4 | 1098.4 | 1098.4 | 1098.4 | 1103.4 | 1113.2 |
| 175°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1102.9 | 1100.0 | 1098.4 | 1101.6 | 1107.9 |
| 177.5° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1103.4 | 1101.0 | 1099.9 | 1102.4 | 1107.3 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5°   | 1461.1 | 1456.9 | 1462.6 | 1446.8 | 1462.6 | 1456.9 | 1461.1 | 1471.2 | 1462.6 | 1468.3 | 1474.0 |
| 5°     | 1282.1 | 1274.9 | 1252.0 | 1233.4 | 1252.0 | 1274.9 | 1282.1 | 1312.2 | 1326.5 | 1352.3 | 1386.7 |
| 7.5°   | 1146.0 | 1140.3 | 1134.5 | 1123.1 | 1134.5 | 1140.3 | 1146.0 | 1154.6 | 1168.9 | 1191.8 | 1217.6 |
| 10°    | 1115.9 | 1117.4 | 1125.9 | 1124.5 | 1125.9 | 1117.4 | 1115.9 | 1113.1 | 1108.8 | 1113.1 | 1128.8 |
| 12.5°  | 1193.3 | 1206.2 | 1253.4 | 1250.6 | 1253.4 | 1206.2 | 1193.3 | 1136.0 | 1097.3 | 1090.1 | 1093.0 |
| 15°    | 1282.1 | 1286.4 | 1296.4 | 1297.8 | 1296.4 | 1286.4 | 1282.1 | 1259.2 | 1143.1 | 1093.0 | 1077.2 |
| 17.5°  | 1290.7 | 1292.1 | 1299.3 | 1299.3 | 1299.3 | 1292.1 | 1290.7 | 1280.7 | 1242.0 | 1174.6 | 1085.8 |
| 20°    | 1283.5 | 1286.4 | 1300.7 | 1303.6 | 1300.7 | 1286.4 | 1283.5 | 1270.6 | 1249.1 | 1224.8 | 1157.5 |
| 22.5°  | 1280.7 | 1286.4 | 1297.8 | 1296.4 | 1297.8 | 1286.4 | 1280.7 | 1260.6 | 1242.0 | 1224.8 | 1197.6 |
| 25°    | 1266.3 | 1266.3 | 1267.8 | 1269.2 | 1267.8 | 1266.3 | 1266.3 | 1250.6 | 1213.3 | 1209.0 | 1193.3 |
| 27.5°  | 1236.2 | 1239.1 | 1247.7 | 1246.3 | 1247.7 | 1239.1 | 1236.2 | 1230.5 | 1190.4 | 1186.1 | 1174.6 |
| 30°    | 1209.0 | 1206.2 | 1199.0 | 1193.3 | 1199.0 | 1206.2 | 1209.0 | 1200.4 | 1160.3 | 1148.9 | 1151.7 |
| 32.5°  | 1163.2 | 1156.0 | 1148.9 | 1144.6 | 1148.9 | 1156.0 | 1163.2 | 1160.3 | 1130.2 | 1114.5 | 1117.4 |
| 35°    | 1108.8 | 1110.2 | 1108.8 | 1104.5 | 1108.8 | 1110.2 | 1108.8 | 1111.6 | 1093.0 | 1078.7 | 1077.2 |
| 37.5°  | 1070.1 | 1072.9 | 1071.5 | 1065.8 | 1071.5 | 1072.9 | 1070.1 | 1067.2 | 1041.4 | 1037.1 | 1040.0 |
| 40°    | 1030.0 | 1031.4 | 1030.0 | 1025.7 | 1030.0 | 1031.4 | 1030.0 | 1024.2 | 988.4  | 989.9  | 999.9  |
| 42.5°  | 991.3  | 989.9  | 985.6  | 982.7  | 985.6  | 989.9  | 991.3  | 982.7  | 936.9  | 932.6  | 951.2  |
| 45°    | 946.9  | 948.3  | 939.7  | 935.4  | 939.7  | 948.3  | 946.9  | 941.2  | 893.9  | 882.4  | 895.3  |
| 47.5°  | 902.5  | 902.5  | 895.3  | 891.0  | 895.3  | 902.5  | 902.5  | 895.3  | 845.2  | 833.7  | 840.9  |
| 50°    | 855.2  | 853.8  | 843.7  | 842.3  | 843.7  | 853.8  | 855.2  | 850.9  | 797.9  | 787.9  | 787.9  |
| 52.5°  | 800.8  | 800.8  | 802.2  | 805.1  | 802.2  | 800.8  | 800.8  | 802.2  | 754.9  | 744.9  | 742.0  |
| 55°    | 753.5  | 754.9  | 765.0  | 767.8  | 765.0  | 754.9  | 753.5  | 753.5  | 710.5  | 700.5  | 694.8  |
| 57.5°  | 704.8  | 704.8  | 712.0  | 712.0  | 712.0  | 704.8  | 704.8  | 701.9  | 660.4  | 651.8  | 648.9  |
| 60°    | 648.9  | 651.8  | 657.5  | 656.1  | 657.5  | 651.8  | 648.9  | 646.1  | 610.2  | 604.5  | 594.5  |
| 62.5°  | 590.2  | 593.1  | 594.5  | 591.6  | 594.5  | 593.1  | 590.2  | 581.6  | 560.1  | 555.8  | 542.9  |
| 65°    | 528.6  | 531.5  | 532.9  | 530.0  | 532.9  | 531.5  | 528.6  | 524.3  | 508.5  | 501.4  | 489.9  |
| 67.5°  | 465.6  | 464.1  | 462.7  | 468.4  | 462.7  | 464.1  | 465.6  | 459.8  | 449.8  | 444.1  | 428.3  |
| 70°    | 401.1  | 401.1  | 399.7  | 402.5  | 399.7  | 401.1  | 401.1  | 396.8  | 391.1  | 386.8  | 372.4  |
| 72.5°  | 332.3  | 330.9  | 336.6  | 332.3  | 336.6  | 330.9  | 332.3  | 330.9  | 328.0  | 323.7  | 309.4  |
| 75°    | 265.0  | 267.9  | 265.0  | 269.3  | 265.0  | 267.9  | 265.0  | 266.4  | 265.0  | 262.1  | 252.1  |
| 77.5°  | 202.0  | 204.8  | 202.0  | 202.0  | 202.0  | 204.8  | 202.0  | 203.4  | 203.4  | 203.4  | 194.8  |
| 80°    | 143.2  | 141.8  | 141.8  | 140.4  | 141.8  | 141.8  | 143.2  | 143.2  | 144.7  | 141.8  | 139.0  |
| 82.5°  | 91.7   | 90.2   | 90.2   | 93.1   | 90.2   | 90.2   | 91.7   | 93.1   | 90.2   | 90.2   | 90.2   |
| 85°    | 50.1   | 51.6   | 48.7   | 48.7   | 48.7   | 51.6   | 50.1   | 47.3   | 50.1   | 50.1   | 48.7   |
| 87.5°  | 18.6   | 17.2   | 17.2   | 17.2   | 17.2   | 17.2   | 18.6   | 20.1   | 20.1   | 20.1   | 21.5   |
| 90°    | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 28.2   | 37.5   | 50.0   | 56.3   | 48.4   |
| 92.5°  | 141.0  | 135.3  | 112.9  | 90.4   | 112.9  | 135.3  | 141.0  | 199.8  | 278.2  | 317.4  | 278.7  |
| 95°    | 478.4  | 461.4  | 393.5  | 325.6  | 393.5  | 461.4  | 478.4  | 628.2  | 828.0  | 927.9  | 783.7  |
| 97.5°  | 1104.4 | 1072.1 | 942.9  | 813.7  | 942.9  | 1072.1 | 1104.4 | 1199.1 | 1325.3 | 1388.5 | 1148.0 |
| 100°   | 1550.8 | 1512.3 | 1358.5 | 1204.5 | 1358.5 | 1512.3 | 1550.8 | 1543.9 | 1534.7 | 1530.1 | 1263.3 |
| 102.5° | 1932.1 | 1899.1 | 1767.2 | 1635.4 | 1767.2 | 1899.1 | 1932.1 | 1811.4 | 1650.5 | 1570.1 | 1299.5 |
| 105°   | 2377.1 | 2359.3 | 2288.5 | 2217.6 | 2288.5 | 2359.3 | 2377.1 | 2106.6 | 1746.0 | 1565.7 | 1303.7 |
| 107.5° | 2608.5 | 2612.8 | 2629.9 | 2647.1 | 2629.9 | 2612.8 | 2608.5 | 2231.3 | 1728.3 | 1476.7 | 1245.6 |
| 110°   | 2667.9 | 2686.3 | 2760.1 | 2834.0 | 2760.1 | 2686.3 | 2667.9 | 2246.1 | 1683.7 | 1402.5 | 1194.1 |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2630.0 | 2658.3 | 2771.7 | 2885.2 | 2771.7 | 2658.3 | 2630.0 | 2198.3 | 1622.7 | 1335.0 | 1149.2 |
| 115°   | 2501.7 | 2541.1 | 2698.3 | 2855.4 | 2698.3 | 2541.1 | 2501.7 | 2085.9 | 1531.4 | 1254.2 | 1097.8 |
| 117.5° | 2324.5 | 2368.0 | 2542.4 | 2716.8 | 2542.4 | 2368.0 | 2324.5 | 1949.2 | 1448.7 | 1198.5 | 1065.5 |
| 120°   | 2205.0 | 2247.4 | 2416.8 | 2586.2 | 2416.8 | 2247.4 | 2205.0 | 1862.1 | 1404.9 | 1176.3 | 1054.6 |
| 122.5° | 2085.6 | 2127.4 | 2294.5 | 2461.6 | 2294.5 | 2127.4 | 2085.6 | 1776.9 | 1365.2 | 1159.3 | 1049.0 |
| 125°   | 1927.7 | 1966.2 | 2120.1 | 2274.0 | 2120.1 | 1966.2 | 1927.7 | 1665.3 | 1315.6 | 1140.7 | 1044.3 |
| 127.5° | 1800.8 | 1833.3 | 1963.2 | 2093.1 | 1963.2 | 1833.3 | 1800.8 | 1575.7 | 1275.3 | 1125.2 | 1041.6 |
| 130°   | 1720.7 | 1750.7 | 1870.7 | 1990.7 | 1870.7 | 1750.7 | 1720.7 | 1520.2 | 1252.9 | 1119.2 | 1043.1 |
| 132.5° | 1652.4 | 1679.3 | 1786.8 | 1894.2 | 1786.8 | 1679.3 | 1652.4 | 1473.0 | 1233.7 | 1114.0 | 1044.3 |
| 135°   | 1556.1 | 1579.2 | 1671.8 | 1764.5 | 1671.8 | 1579.2 | 1556.1 | 1405.8 | 1205.3 | 1105.1 | 1043.3 |
| 137.5° | 1484.8 | 1503.7 | 1579.6 | 1655.4 | 1579.6 | 1503.7 | 1484.8 | 1357.7 | 1188.3 | 1103.6 | 1049.7 |
| 140°   | 1427.7 | 1445.5 | 1516.3 | 1587.2 | 1516.3 | 1445.5 | 1427.7 | 1318.0 | 1171.6 | 1098.4 | 1050.8 |
| 142.5° | 1387.7 | 1403.0 | 1463.9 | 1524.9 | 1463.9 | 1403.0 | 1387.7 | 1291.3 | 1162.7 | 1098.4 | 1054.6 |
| 145°   | 1327.6 | 1339.2 | 1385.3 | 1431.4 | 1385.3 | 1339.2 | 1327.6 | 1248.8 | 1143.6 | 1091.0 | 1054.6 |
| 147.5° | 1277.2 | 1286.8 | 1325.1 | 1363.3 | 1325.1 | 1286.8 | 1277.2 | 1215.1 | 1132.3 | 1091.0 | 1061.9 |
| 150°   | 1248.3 | 1256.0 | 1287.1 | 1318.0 | 1287.1 | 1256.0 | 1248.3 | 1195.9 | 1125.9 | 1091.0 | 1065.6 |
| 152.5° | 1225.3 | 1231.1 | 1254.5 | 1277.9 | 1254.5 | 1231.1 | 1225.3 | 1180.5 | 1120.8 | 1091.0 | 1068.1 |
| 155°   | 1197.9 | 1201.8 | 1217.2 | 1232.7 | 1217.2 | 1201.8 | 1197.9 | 1162.2 | 1114.8 | 1091.0 | 1073.5 |
| 157.5° | 1174.1 | 1176.8 | 1187.6 | 1198.5 | 1187.6 | 1176.8 | 1174.1 | 1146.4 | 1109.4 | 1091.0 | 1079.0 |
| 160°   | 1162.2 | 1163.8 | 1170.1 | 1176.3 | 1170.1 | 1163.8 | 1162.2 | 1138.5 | 1106.8 | 1091.0 | 1081.4 |
| 162.5° | 1151.1 | 1152.6 | 1158.5 | 1164.4 | 1158.5 | 1152.6 | 1151.1 | 1131.0 | 1104.4 | 1091.0 | 1084.1 |
| 165°   | 1134.1 | 1135.6 | 1141.9 | 1148.1 | 1141.9 | 1135.6 | 1134.1 | 1119.7 | 1100.5 | 1091.0 | 1087.8 |
| 167.5° | 1126.6 | 1127.3 | 1129.9 | 1132.5 | 1129.9 | 1127.3 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1095.8 |
| 170°   | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1098.2 |
| 172.5° | 1120.7 | 1120.1 | 1117.8 | 1115.5 | 1117.8 | 1120.1 | 1120.7 | 1113.2 | 1103.4 | 1098.4 | 1098.4 |
| 175°   | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1107.9 | 1101.6 | 1098.4 | 1100.0 |
| 177.5° | 1111.0 | 1110.4 | 1107.8 | 1105.1 | 1107.8 | 1110.4 | 1111.0 | 1107.3 | 1102.4 | 1099.9 | 1101.0 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1514.2 | 1514.2 | 1514.2 | 1514.2 | 1514.2 |
| 2.5°   | 1495.5 | 1502.7 | 1507.0 | 1512.7 | 1527.0 |
| 5°     | 1438.2 | 1465.4 | 1474.0 | 1495.5 | 1521.3 |
| 7.5°   | 1312.2 | 1395.3 | 1418.2 | 1469.7 | 1509.9 |
| 10°    | 1190.4 | 1273.5 | 1313.6 | 1435.4 | 1495.5 |
| 12.5°  | 1128.8 | 1177.5 | 1204.7 | 1375.2 | 1475.5 |
| 15°    | 1090.1 | 1124.5 | 1144.6 | 1295.0 | 1452.6 |
| 17.5°  | 1060.0 | 1084.4 | 1098.7 | 1216.2 | 1421.0 |
| 20°    | 1041.4 | 1052.9 | 1065.8 | 1158.9 | 1385.2 |
| 22.5°  | 1028.5 | 1021.4 | 1031.4 | 1118.8 | 1336.5 |
| 25°    | 1019.9 | 992.7  | 1004.2 | 1087.3 | 1279.2 |
| 27.5°  | 1027.1 | 966.9  | 971.2  | 1058.6 | 1219.1 |
| 30°    | 1028.5 | 935.4  | 936.9  | 1028.5 | 1151.7 |
| 32.5°  | 1018.5 | 902.5  | 903.9  | 991.3  | 1075.8 |
| 35°    | 994.2  | 863.8  | 862.4  | 948.3  | 972.7  |
| 37.5°  | 961.2  | 822.3  | 822.3  | 901.0  | 859.5  |
| 40°    | 921.1  | 780.7  | 785.0  | 839.4  | 759.2  |
| 42.5°  | 872.4  | 736.3  | 742.0  | 757.8  | 684.7  |
| 45°    | 819.4  | 693.3  | 697.6  | 640.3  | 627.4  |
| 47.5°  | 760.7  | 648.9  | 650.4  | 531.5  | 608.8  |
| 50°    | 690.5  | 603.1  | 597.4  | 455.5  | 607.4  |
| 52.5°  | 628.9  | 552.9  | 535.8  | 412.6  | 551.5  |
| 55°    | 568.7  | 499.9  | 462.7  | 379.6  | 511.4  |
| 57.5°  | 515.7  | 431.2  | 395.4  | 340.9  | 502.8  |
| 60°    | 467.0  | 363.9  | 336.6  | 299.4  | 461.3  |
| 62.5°  | 426.9  | 313.7  | 308.0  | 270.7  | 418.3  |
| 65°    | 383.9  | 279.3  | 277.9  | 246.4  | 355.3  |
| 67.5°  | 342.4  | 256.4  | 255.0  | 223.5  | 270.7  |
| 70°    | 298.0  | 232.1  | 229.2  | 199.1  | 200.5  |
| 72.5°  | 252.1  | 204.8  | 202.0  | 179.1  | 166.2  |
| 75°    | 206.3  | 173.3  | 171.9  | 156.1  | 134.7  |
| 77.5°  | 161.9  | 137.5  | 140.4  | 126.1  | 98.8   |
| 80°    | 116.0  | 100.3  | 103.1  | 90.2   | 74.5   |
| 82.5°  | 77.4   | 65.9   | 68.8   | 57.3   | 50.1   |
| 85°    | 43.0   | 37.2   | 38.7   | 30.1   | 22.9   |
| 87.5°  | 20.1   | 17.2   | 17.2   | 11.5   | 7.2    |
| 90°    | 32.6   | 20.7   | 19.3   | 13.4   | 7.4    |
| 92.5°  | 201.2  | 143.2  | 130.5  | 80.1   | 29.7   |
| 95°    | 495.2  | 278.9  | 255.7  | 163.5  | 71.2   |
| 97.5°  | 667.0  | 306.3  | 285.9  | 204.5  | 123.1  |
| 100°   | 729.5  | 329.3  | 310.9  | 237.0  | 163.2  |
| 102.5° | 758.3  | 352.3  | 335.1  | 266.2  | 197.3  |
| 105°   | 779.5  | 386.4  | 371.8  | 313.5  | 255.2  |
| 107.5° | 783.5  | 436.8  | 423.3  | 368.8  | 314.5  |
| 110°   | 777.5  | 465.0  | 452.7  | 403.6  | 354.5  |



TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 777.8  | 499.2  | 487.4  | 440.6  | 393.8  |
| 115°   | 785.0  | 550.4  | 539.6  | 496.3  | 453.1  |
| 117.5° | 799.5  | 600.0  | 590.2  | 551.0  | 511.8  |
| 120°   | 811.4  | 629.0  | 619.7  | 582.8  | 545.9  |
| 122.5° | 828.5  | 663.1  | 653.8  | 616.5  | 579.3  |
| 125°   | 851.5  | 706.8  | 698.3  | 664.4  | 630.4  |
| 127.5° | 874.5  | 749.1  | 740.5  | 706.2  | 671.9  |
| 130°   | 891.2  | 777.3  | 768.0  | 731.1  | 694.2  |
| 132.5° | 904.9  | 800.3  | 791.0  | 754.2  | 717.2  |
| 135°   | 919.7  | 826.9  | 818.5  | 784.9  | 751.3  |
| 137.5° | 941.9  | 861.1  | 852.8  | 819.5  | 786.2  |
| 140°   | 955.5  | 884.0  | 876.4  | 845.7  | 815.1  |
| 142.5° | 966.9  | 901.1  | 894.1  | 865.7  | 837.3  |
| 145°   | 981.7  | 927.1  | 920.9  | 896.2  | 871.4  |
| 147.5° | 1003.5 | 959.8  | 953.8  | 929.7  | 905.6  |
| 150°   | 1014.9 | 976.8  | 971.3  | 949.7  | 927.9  |
| 152.5° | 1022.3 | 987.9  | 983.8  | 967.3  | 950.8  |
| 155°   | 1038.6 | 1012.4 | 1009.3 | 997.2  | 985.0  |
| 157.5° | 1054.9 | 1036.8 | 1033.9 | 1022.0 | 1010.2 |
| 160°   | 1062.3 | 1048.0 | 1045.7 | 1036.5 | 1027.2 |
| 162.5° | 1070.3 | 1059.9 | 1058.1 | 1051.2 | 1044.3 |
| 165°   | 1081.6 | 1077.0 | 1075.4 | 1069.1 | 1062.8 |
| 167.5° | 1090.5 | 1086.6 | 1085.8 | 1082.9 | 1079.9 |
| 170°   | 1098.0 | 1097.7 | 1096.9 | 1094.0 | 1091.0 |
| 172.5° | 1098.4 | 1098.4 | 1098.2 | 1097.6 | 1096.9 |
| 175°   | 1102.9 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |
| 177.5° | 1103.4 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |
| 180°   | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |

TEST NUMBER: P935590

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-4000K

**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 | 11.05            | 11.80 | 12.13 | 12.87 | 14.34 | 13.88          | 14.62 | 14.95 | 15.70 | 17.16 |
|                 | 3H   | 11.52            | 12.19 | 12.60 | 13.27 | 14.75 | 15.21          | 15.88 | 16.29 | 16.96 | 18.44 |
|                 | 4H   | 11.71            | 12.34 | 12.80 | 13.42 | 14.91 | 15.65          | 16.28 | 16.74 | 17.37 | 18.86 |
|                 | 6H   | 11.82            | 12.40 | 12.92 | 13.49 | 14.99 | 15.93          | 16.51 | 17.03 | 17.60 | 19.10 |
|                 | 8H   | 11.82            | 12.37 | 12.92 | 13.47 | 14.97 | 16.00          | 16.55 | 17.10 | 17.65 | 19.15 |
|                 | 12H  | 11.78            | 12.31 | 12.90 | 13.41 | 14.93 | 16.03          | 16.56 | 17.14 | 17.65 | 19.17 |
| 4H              | 2H   | 12.07            | 12.70 | 13.17 | 13.79 | 15.28 | 14.27          | 14.90 | 15.37 | 15.99 | 17.48 |
|                 | 3H   | 13.09            | 13.61 | 14.19 | 14.72 | 16.23 | 15.77          | 16.29 | 16.87 | 17.40 | 18.91 |
|                 | 4H   | 13.36            | 13.84 | 14.47 | 14.94 | 16.46 | 16.29          | 16.77 | 17.40 | 17.87 | 19.39 |
|                 | 6H   | 13.48            | 13.89 | 14.59 | 15.01 | 16.53 | 16.64          | 17.06 | 17.76 | 18.18 | 19.70 |
|                 | 8H   | 13.48            | 13.87 | 14.60 | 14.98 | 16.51 | 16.75          | 17.13 | 17.87 | 18.25 | 19.78 |
|                 | 12H  | 13.44            | 13.79 | 14.58 | 14.92 | 16.46 | 16.80          | 17.15 | 17.93 | 18.28 | 19.81 |
| 8H              | 4H   | 13.80            | 14.19 | 14.92 | 15.30 | 16.83 | 16.40          | 16.79 | 17.52 | 17.91 | 19.44 |
|                 | 6H   | 14.06            | 14.38 | 15.20 | 15.53 | 17.06 | 16.83          | 17.15 | 17.97 | 18.31 | 19.84 |
|                 | 8H   | 14.10            | 14.38 | 15.24 | 15.52 | 17.06 | 16.98          | 17.26 | 18.13 | 18.40 | 19.95 |
|                 | 12H  | 14.08            | 14.32 | 15.23 | 15.46 | 17.04 | 17.07          | 17.32 | 18.22 | 18.46 | 20.04 |
| 12H             | 4H   | 13.80            | 14.15 | 14.94 | 15.28 | 16.82 | 16.36          | 16.71 | 17.50 | 17.84 | 19.38 |
|                 | 6H   | 14.12            | 14.40 | 15.26 | 15.53 | 17.08 | 16.83          | 17.11 | 17.98 | 18.25 | 19.80 |
|                 | 8H   | 14.18            | 14.42 | 15.33 | 15.56 | 17.14 | 16.98          | 17.23 | 18.13 | 18.36 | 19.95 |

END OF REPORT