

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: P935587

Luminaire Tested: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P935587  
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-6-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

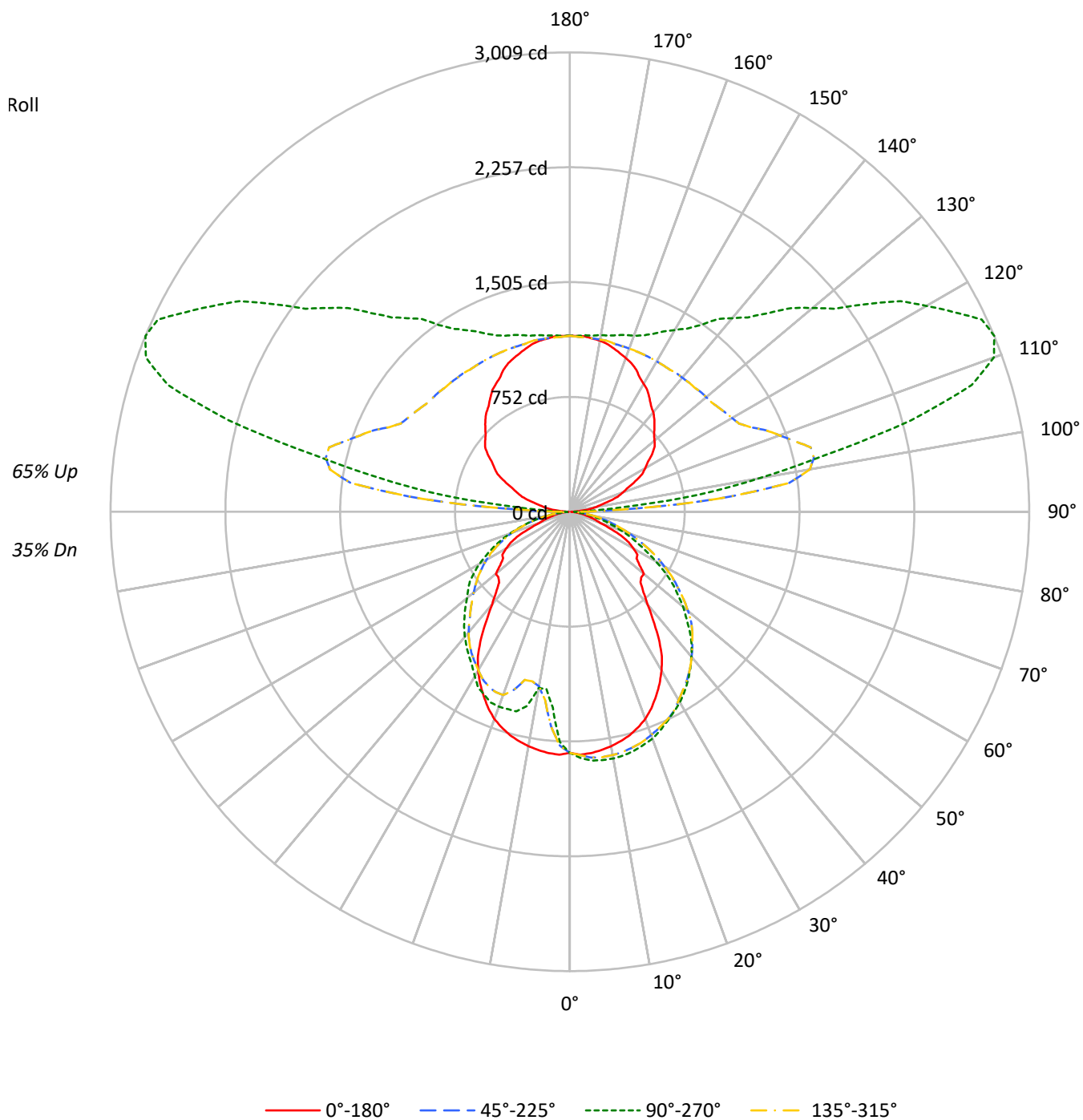
Lumens per Lamp: N/A  
Luminaire Lumens: 11570.4 lumens  
Efficiency: N/A  
Efficacy: 138.7 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 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: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 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 |
| 1   | 95  | 90  | 87  | 83  | 85 | 82 | 79 | 76 | 66 | 64 | 62 | 51 | 50 | 49 | 38 | 37 | 36 |
| 2   | 86  | 79  | 73  | 68  | 78 | 72 | 66 | 62 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 30 |
| 3   | 78  | 69  | 62  | 56  | 71 | 63 | 57 | 52 | 51 | 47 | 43 | 40 | 37 | 34 | 29 | 28 | 26 |
| 4   | 72  | 61  | 54  | 48  | 65 | 56 | 49 | 44 | 45 | 40 | 36 | 35 | 32 | 29 | 26 | 24 | 22 |
| 5   | 66  | 54  | 46  | 41  | 59 | 50 | 43 | 38 | 40 | 35 | 31 | 32 | 28 | 25 | 24 | 21 | 19 |
| 6   | 60  | 49  | 41  | 35  | 54 | 44 | 37 | 32 | 36 | 31 | 27 | 29 | 25 | 22 | 21 | 19 | 17 |
| 7   | 56  | 44  | 36  | 31  | 50 | 40 | 33 | 28 | 33 | 28 | 24 | 26 | 22 | 19 | 20 | 17 | 15 |
| 8   | 52  | 40  | 32  | 27  | 47 | 36 | 30 | 25 | 30 | 25 | 21 | 24 | 20 | 17 | 18 | 15 | 13 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 22 | 27 | 22 | 19 | 22 | 18 | 15 | 16 | 14 | 12 |
| 10  | 45  | 33  | 26  | 21  | 41 | 30 | 24 | 20 | 25 | 20 | 17 | 20 | 16 | 14 | 15 | 13 | 11 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 9769 | 9769 | 9769 | 9769 |
| 5°  | 9838 | 9861 | 9838 | 7754 |
| 10° | 9769 | 9714 | 9769 | 6945 |
| 15° | 9659 | 9503 | 9659 | 7936 |
| 20° | 9453 | 9254 | 9453 | 7952 |
| 25° | 9036 | 8890 | 9036 | 7784 |
| 30° | 8499 | 8588 | 8499 | 7414 |
| 35° | 7572 | 8207 | 7572 | 7007 |
| 40° | 6306 | 7757 | 6306 | 6700 |
| 45° | 5631 | 7231 | 5631 | 6347 |
| 50° | 5978 | 6603 | 5978 | 5992 |
| 55° | 5619 | 5927 | 5619 | 5787 |
| 60° | 5785 | 5034 | 5785 | 5301 |
| 65° | 5236 | 4161 | 5236 | 4652 |
| 70° | 3618 | 3317 | 3618 | 3899 |
| 75° | 3159 | 2452 | 3159 | 2936 |
| 80° | 2529 | 1621 | 2529 | 1765 |
| 85° | 1425 | 859  | 1425 | 730  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8636 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 142.5   | 1.2       |
| 10°-20°   | 404.7   | 3.5       |
| 20°-30°   | 625.6   | 5.4       |
| 30°-40°   | 746.9   | 6.5       |
| 40°-50°   | 751.3   | 6.5       |
| 50°-60°   | 653.7   | 5.6       |
| 60°-70°   | 463.5   | 4.0       |
| 70°-80°   | 245.2   | 2.1       |
| 80°-90°   | 65.5    | 0.6       |
| 90°-100°  | 561.8   | 4.9       |
| 100°-110° | 1477.0  | 12.8      |
| 110°-120° | 1531.5  | 13.2      |
| 120°-130° | 1228.5  | 10.6      |
| 130°-140° | 963.9   | 8.3       |
| 140°-150° | 739.8   | 6.4       |
| 150°-160° | 532.8   | 4.6       |
| 160°-170° | 326.0   | 2.8       |
| 170°-180° | 110.1   | 1.0       |
| 0°-30°    | 1172.9  | 10.1      |
| 0°-40°    | 1919.8  | 16.6      |
| 0°-60°    | 3324.7  | 28.7      |
| 0°-90°    | 4098.9  | 35.4      |
| 90°-120°  | 3570.4  | 30.9      |
| 90°-150°  | 6502.6  | 56.2      |
| 90°-180°  | 7472.0  | 64.6      |
| 0°-180°   | 11570.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1579 | 1579 | 1579 | 1579 | 1579 |      |
| 5°   | 1587 | 1636 | 1587 | 1286 | 1587 | 151  |
| 15°  | 1515 | 1621 | 1515 | 1354 | 1515 | 426  |
| 25°  | 1334 | 1512 | 1334 | 1324 | 1334 | 613  |
| 35°  | 1014 | 1349 | 1014 | 1152 | 1014 | 628  |
| 45°  | 654  | 1112 | 654  | 976  | 654  | 524  |
| 55°  | 533  | 820  | 533  | 801  | 533  | 490  |
| 65°  | 370  | 494  | 370  | 553  | 370  | 354  |
| 75°  | 140  | 235  | 140  | 281  | 140  | 148  |
| 85°  | 24   | 60   | 24   | 51   | 24   | 32   |
| 90°  | 8    | 29   | 8    | 29   | 8    | 7    |
| 95°  | 74   | 340  | 74   | 340  | 74   | 82   |
| 105° | 266  | 2313 | 266  | 2313 | 266  | 282  |
| 115° | 473  | 2978 | 473  | 2978 | 473  | 467  |
| 125° | 658  | 2372 | 658  | 2372 | 658  | 584  |
| 135° | 784  | 1840 | 784  | 1840 | 784  | 606  |
| 145° | 909  | 1493 | 909  | 1493 | 909  | 569  |
| 155° | 1027 | 1286 | 1027 | 1286 | 1027 | 472  |
| 165° | 1108 | 1197 | 1108 | 1197 | 1108 | 313  |
| 175° | 1153 | 1160 | 1153 | 1160 | 1153 | 109  |
| 180° | 1153 | 1153 | 1153 | 1153 | 1153 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 |
| 2.5°   | 1592.6 | 1592.6 | 1601.6 | 1604.6 | 1604.6 | 1600.1 | 1595.6 | 1600.1 | 1613.5 | 1618.0 | 1616.5 |
| 5°     | 1586.6 | 1598.6 | 1615.0 | 1618.0 | 1621.0 | 1619.5 | 1616.5 | 1619.5 | 1634.4 | 1637.4 | 1638.9 |
| 7.5°   | 1574.7 | 1597.1 | 1618.0 | 1622.5 | 1627.0 | 1622.5 | 1621.0 | 1624.0 | 1638.9 | 1641.9 | 1641.9 |
| 10°    | 1559.7 | 1591.1 | 1615.0 | 1618.0 | 1622.5 | 1618.0 | 1618.0 | 1624.0 | 1638.9 | 1641.9 | 1643.4 |
| 12.5°  | 1538.8 | 1582.1 | 1604.6 | 1607.5 | 1613.5 | 1612.0 | 1610.5 | 1616.5 | 1631.4 | 1634.4 | 1634.4 |
| 15°    | 1514.9 | 1565.7 | 1586.6 | 1589.6 | 1600.1 | 1597.1 | 1597.1 | 1603.1 | 1619.5 | 1624.0 | 1622.5 |
| 17.5°  | 1482.0 | 1544.8 | 1568.7 | 1573.2 | 1580.7 | 1579.2 | 1580.7 | 1586.6 | 1601.6 | 1604.6 | 1606.0 |
| 20°    | 1444.7 | 1516.4 | 1544.8 | 1549.3 | 1556.7 | 1556.7 | 1556.7 | 1564.2 | 1579.2 | 1585.1 | 1585.1 |
| 22.5°  | 1393.9 | 1486.5 | 1516.4 | 1519.4 | 1528.4 | 1528.4 | 1531.4 | 1541.8 | 1555.3 | 1556.7 | 1556.7 |
| 25°    | 1334.1 | 1453.7 | 1479.1 | 1488.0 | 1497.0 | 1501.5 | 1506.0 | 1511.9 | 1516.4 | 1514.9 | 1516.4 |
| 27.5°  | 1271.4 | 1411.8 | 1444.7 | 1450.7 | 1462.6 | 1467.1 | 1473.1 | 1474.6 | 1476.1 | 1480.6 | 1477.6 |
| 30°    | 1201.2 | 1353.6 | 1402.9 | 1408.8 | 1428.3 | 1431.3 | 1425.3 | 1428.3 | 1435.7 | 1438.7 | 1441.7 |
| 32.5°  | 1122.0 | 1266.9 | 1359.5 | 1373.0 | 1390.9 | 1382.0 | 1380.5 | 1384.9 | 1396.9 | 1396.9 | 1399.9 |
| 35°    | 1014.4 | 1199.7 | 1319.2 | 1331.2 | 1344.6 | 1334.1 | 1340.1 | 1341.6 | 1349.1 | 1353.6 | 1352.1 |
| 37.5°  | 896.4  | 1141.4 | 1277.4 | 1286.3 | 1296.8 | 1283.3 | 1292.3 | 1296.8 | 1302.8 | 1299.8 | 1299.8 |
| 40°    | 791.8  | 1050.3 | 1228.1 | 1234.0 | 1243.0 | 1232.6 | 1241.5 | 1244.5 | 1247.5 | 1244.5 | 1243.0 |
| 42.5°  | 714.1  | 950.2  | 1175.8 | 1183.2 | 1177.3 | 1184.7 | 1187.7 | 1193.7 | 1189.2 | 1183.2 | 1183.2 |
| 45°    | 654.4  | 923.3  | 1119.0 | 1128.0 | 1119.0 | 1131.0 | 1135.4 | 1135.4 | 1122.0 | 1119.0 | 1117.5 |
| 47.5°  | 635.0  | 869.5  | 1062.2 | 1062.2 | 1057.8 | 1072.7 | 1080.2 | 1069.7 | 1056.3 | 1051.8 | 1051.8 |
| 50°    | 633.5  | 809.7  | 984.5  | 978.6  | 999.5  | 1017.4 | 1009.9 | 999.5  | 989.0  | 972.6  | 972.6  |
| 52.5°  | 575.2  | 736.5  | 884.4  | 906.9  | 939.7  | 950.2  | 938.2  | 927.8  | 909.8  | 902.4  | 896.4  |
| 55°    | 533.4  | 660.3  | 793.3  | 838.1  | 872.5  | 885.9  | 863.5  | 853.1  | 826.2  | 821.7  | 818.7  |
| 57.5°  | 524.4  | 549.8  | 709.6  | 766.4  | 808.3  | 806.8  | 793.3  | 773.9  | 751.5  | 747.0  | 745.5  |
| 60°    | 481.1  | 397.4  | 620.0  | 687.2  | 730.6  | 726.1  | 714.1  | 696.2  | 675.3  | 672.3  | 669.3  |
| 62.5°  | 436.2  | 288.3  | 518.4  | 594.6  | 655.9  | 654.4  | 643.9  | 617.0  | 602.1  | 594.6  | 588.6  |
| 65°    | 370.5  | 242.0  | 369.0  | 494.5  | 582.7  | 585.6  | 563.2  | 543.8  | 527.4  | 518.4  | 516.9  |
| 67.5°  | 282.4  | 197.2  | 249.5  | 412.3  | 512.4  | 509.5  | 481.1  | 472.1  | 451.2  | 446.7  | 437.7  |
| 70°    | 209.2  | 131.5  | 173.3  | 334.7  | 443.7  | 436.2  | 413.8  | 403.4  | 384.0  | 373.5  | 367.5  |
| 72.5°  | 173.3  | 106.1  | 127.0  | 260.0  | 373.5  | 364.5  | 345.1  | 333.2  | 316.7  | 307.8  | 301.8  |
| 75°    | 140.4  | 112.0  | 97.1   | 192.7  | 303.3  | 297.3  | 279.4  | 267.4  | 254.0  | 242.0  | 243.5  |
| 77.5°  | 103.1  | 104.6  | 77.7   | 141.9  | 240.5  | 231.6  | 221.1  | 206.2  | 200.2  | 188.2  | 188.2  |
| 80°    | 77.7   | 82.2   | 58.3   | 97.1   | 173.3  | 173.3  | 164.3  | 153.9  | 143.4  | 137.4  | 137.4  |
| 82.5°  | 52.3   | 52.3   | 43.3   | 61.3   | 118.0  | 113.5  | 107.6  | 104.6  | 98.6   | 95.6   | 95.6   |
| 85°    | 23.9   | 29.9   | 26.9   | 37.4   | 64.2   | 67.2   | 67.2   | 64.2   | 62.7   | 59.8   | 61.3   |
| 87.5°  | 7.5    | 13.4   | 16.4   | 20.9   | 32.9   | 34.4   | 35.9   | 35.9   | 35.9   | 37.4   | 37.4   |
| 90°    | 7.8    | 13.9   | 20.1   | 21.6   | 34.0   | 50.5   | 58.8   | 52.2   | 39.1   | 29.4   | 29.4   |
| 92.5°  | 31.0   | 83.6   | 136.2  | 149.3  | 209.9  | 290.6  | 331.1  | 290.1  | 208.4  | 147.0  | 141.1  |
| 95°    | 74.3   | 170.5  | 266.7  | 290.8  | 516.4  | 817.3  | 967.7  | 863.5  | 655.2  | 498.9  | 481.2  |
| 97.5°  | 128.4  | 213.2  | 298.2  | 319.4  | 695.6  | 1197.3 | 1448.1 | 1382.2 | 1250.6 | 1151.8 | 1118.1 |
| 100°   | 170.2  | 247.2  | 324.2  | 343.4  | 760.8  | 1317.5 | 1595.8 | 1600.6 | 1610.2 | 1617.4 | 1577.3 |
| 102.5° | 205.8  | 277.6  | 349.5  | 367.4  | 790.8  | 1355.3 | 1637.5 | 1721.4 | 1889.2 | 2015.0 | 1980.6 |
| 105°   | 266.1  | 327.0  | 387.7  | 403.0  | 812.9  | 1359.6 | 1632.9 | 1821.0 | 2197.1 | 2479.1 | 2460.6 |
| 107.5° | 328.0  | 384.7  | 441.4  | 455.6  | 817.1  | 1299.1 | 1540.1 | 1802.5 | 2327.1 | 2720.5 | 2725.0 |
| 110°   | 369.7  | 420.9  | 472.1  | 485.0  | 810.8  | 1245.4 | 1462.7 | 1755.9 | 2342.5 | 2782.4 | 2801.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 410.8  | 459.6  | 508.4  | 520.6  | 811.1  | 1198.6 | 1392.3 | 1692.4 | 2292.7 | 2742.9 | 2772.5 |
| 115°   | 472.6  | 517.6  | 562.7  | 574.0  | 818.7  | 1144.9 | 1308.0 | 1597.2 | 2175.5 | 2609.1 | 2650.2 |
| 117.5° | 533.8  | 574.7  | 615.5  | 625.8  | 833.9  | 1111.2 | 1250.0 | 1510.9 | 2032.8 | 2424.3 | 2469.7 |
| 120°   | 569.3  | 607.9  | 646.3  | 656.0  | 846.2  | 1099.9 | 1226.8 | 1465.2 | 1942.0 | 2299.7 | 2343.9 |
| 122.5° | 604.2  | 643.0  | 681.9  | 691.5  | 864.0  | 1094.0 | 1209.0 | 1423.8 | 1853.2 | 2175.2 | 2218.7 |
| 125°   | 657.5  | 692.9  | 728.3  | 737.1  | 888.0  | 1089.1 | 1189.7 | 1372.1 | 1736.8 | 2010.4 | 2050.6 |
| 127.5° | 700.8  | 736.5  | 772.3  | 781.3  | 912.0  | 1086.3 | 1173.5 | 1330.1 | 1643.3 | 1878.2 | 1912.0 |
| 130°   | 724.0  | 762.5  | 801.0  | 810.6  | 929.5  | 1087.9 | 1167.2 | 1306.7 | 1585.4 | 1794.6 | 1825.9 |
| 132.5° | 748.0  | 786.5  | 825.0  | 834.6  | 943.7  | 1089.1 | 1161.8 | 1286.6 | 1536.2 | 1723.4 | 1751.4 |
| 135°   | 783.6  | 818.6  | 853.7  | 862.4  | 959.1  | 1088.1 | 1152.6 | 1257.1 | 1466.1 | 1622.9 | 1647.0 |
| 137.5° | 819.9  | 854.7  | 889.4  | 898.1  | 982.4  | 1094.8 | 1151.0 | 1239.3 | 1416.0 | 1548.6 | 1568.3 |
| 140°   | 850.1  | 882.1  | 914.0  | 922.0  | 996.5  | 1095.9 | 1145.6 | 1221.9 | 1374.6 | 1489.0 | 1507.5 |
| 142.5° | 873.3  | 902.9  | 932.5  | 939.8  | 1008.4 | 1099.9 | 1145.6 | 1212.6 | 1346.7 | 1447.3 | 1463.2 |
| 145°   | 908.8  | 934.6  | 960.4  | 966.9  | 1023.9 | 1099.9 | 1137.8 | 1192.7 | 1302.4 | 1384.6 | 1396.7 |
| 147.5° | 944.5  | 969.6  | 994.7  | 1001.0 | 1046.6 | 1107.5 | 1137.8 | 1181.0 | 1267.3 | 1332.1 | 1342.0 |
| 150°   | 967.7  | 990.4  | 1013.0 | 1018.7 | 1058.4 | 1111.3 | 1137.8 | 1174.3 | 1247.2 | 1301.9 | 1309.9 |
| 152.5° | 991.6  | 1008.8 | 1026.1 | 1030.4 | 1066.2 | 1113.9 | 1137.8 | 1168.9 | 1231.2 | 1277.9 | 1283.9 |
| 155°   | 1027.3 | 1040.0 | 1052.7 | 1055.9 | 1083.2 | 1119.6 | 1137.8 | 1162.6 | 1212.1 | 1249.3 | 1253.4 |
| 157.5° | 1053.6 | 1065.9 | 1078.3 | 1081.4 | 1100.2 | 1125.3 | 1137.8 | 1157.1 | 1195.6 | 1224.5 | 1227.3 |
| 160°   | 1071.3 | 1081.0 | 1090.6 | 1093.0 | 1108.0 | 1127.9 | 1137.8 | 1154.4 | 1187.3 | 1212.1 | 1213.7 |
| 162.5° | 1089.1 | 1096.3 | 1103.6 | 1105.4 | 1116.2 | 1130.7 | 1137.8 | 1151.8 | 1179.6 | 1200.5 | 1202.1 |
| 165°   | 1108.4 | 1115.0 | 1121.6 | 1123.2 | 1128.1 | 1134.5 | 1137.8 | 1147.8 | 1167.8 | 1182.8 | 1184.3 |
| 167.5° | 1126.3 | 1129.4 | 1132.5 | 1133.2 | 1137.3 | 1142.8 | 1145.6 | 1152.2 | 1165.2 | 1175.0 | 1175.7 |
| 170°   | 1137.8 | 1140.9 | 1144.0 | 1144.8 | 1145.1 | 1145.4 | 1145.6 | 1152.2 | 1165.2 | 1175.0 | 1175.0 |
| 172.5° | 1144.0 | 1144.7 | 1145.4 | 1145.6 | 1145.6 | 1145.6 | 1145.6 | 1150.8 | 1161.0 | 1168.8 | 1168.2 |
| 175°   | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1150.3 | 1147.2 | 1145.6 | 1148.9 | 1155.5 | 1160.3 | 1160.3 |
| 177.5° | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1150.8 | 1148.3 | 1147.1 | 1149.7 | 1154.9 | 1158.7 | 1158.0 |
| 180°   | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 |

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CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 |
| 2.5°   | 1619.5 | 1615.0 | 1619.5 | 1616.5 | 1618.0 | 1613.5 | 1600.1 | 1595.6 | 1600.1 | 1604.6 | 1604.6 |
| 5°     | 1638.9 | 1635.9 | 1638.9 | 1638.9 | 1637.4 | 1634.4 | 1619.5 | 1616.5 | 1619.5 | 1621.0 | 1618.0 |
| 7.5°   | 1644.9 | 1640.4 | 1644.9 | 1641.9 | 1641.9 | 1638.9 | 1624.0 | 1621.0 | 1622.5 | 1627.0 | 1622.5 |
| 10°    | 1644.9 | 1640.4 | 1644.9 | 1643.4 | 1641.9 | 1638.9 | 1624.0 | 1618.0 | 1618.0 | 1622.5 | 1618.0 |
| 12.5°  | 1637.4 | 1634.4 | 1637.4 | 1634.4 | 1634.4 | 1631.4 | 1616.5 | 1610.5 | 1612.0 | 1613.5 | 1607.5 |
| 15°    | 1625.5 | 1621.0 | 1625.5 | 1622.5 | 1624.0 | 1619.5 | 1603.1 | 1597.1 | 1597.1 | 1600.1 | 1589.6 |
| 17.5°  | 1607.5 | 1601.6 | 1607.5 | 1606.0 | 1604.6 | 1601.6 | 1586.6 | 1580.7 | 1579.2 | 1580.7 | 1573.2 |
| 20°    | 1586.6 | 1582.1 | 1586.6 | 1585.1 | 1585.1 | 1579.2 | 1564.2 | 1556.7 | 1556.7 | 1556.7 | 1549.3 |
| 22.5°  | 1553.8 | 1549.3 | 1553.8 | 1556.7 | 1556.7 | 1555.3 | 1541.8 | 1531.4 | 1528.4 | 1528.4 | 1519.4 |
| 25°    | 1516.4 | 1511.9 | 1516.4 | 1516.4 | 1514.9 | 1516.4 | 1511.9 | 1506.0 | 1501.5 | 1497.0 | 1488.0 |
| 27.5°  | 1480.6 | 1477.6 | 1480.6 | 1477.6 | 1480.6 | 1476.1 | 1474.6 | 1473.1 | 1467.1 | 1462.6 | 1450.7 |
| 30°    | 1444.7 | 1441.7 | 1444.7 | 1441.7 | 1438.7 | 1435.7 | 1428.3 | 1425.3 | 1431.3 | 1428.3 | 1408.8 |
| 32.5°  | 1399.9 | 1396.9 | 1399.9 | 1399.9 | 1396.9 | 1396.9 | 1384.9 | 1380.5 | 1382.0 | 1390.9 | 1373.0 |
| 35°    | 1353.6 | 1349.1 | 1353.6 | 1352.1 | 1353.6 | 1349.1 | 1341.6 | 1340.1 | 1334.1 | 1344.6 | 1331.2 |
| 37.5°  | 1299.8 | 1295.3 | 1299.8 | 1299.8 | 1299.8 | 1302.8 | 1296.8 | 1292.3 | 1283.3 | 1296.8 | 1286.3 |
| 40°    | 1244.5 | 1238.5 | 1244.5 | 1243.0 | 1244.5 | 1247.5 | 1244.5 | 1241.5 | 1232.6 | 1243.0 | 1234.0 |
| 42.5°  | 1181.8 | 1180.3 | 1181.8 | 1183.2 | 1183.2 | 1189.2 | 1193.7 | 1187.7 | 1184.7 | 1177.3 | 1183.2 |
| 45°    | 1114.5 | 1111.5 | 1114.5 | 1117.5 | 1119.0 | 1122.0 | 1135.4 | 1135.4 | 1131.0 | 1119.0 | 1128.0 |
| 47.5°  | 1042.8 | 1035.3 | 1042.8 | 1051.8 | 1051.8 | 1056.3 | 1069.7 | 1080.2 | 1072.7 | 1057.8 | 1062.2 |
| 50°    | 966.6  | 968.1  | 966.6  | 972.6  | 972.6  | 989.0  | 999.5  | 1009.9 | 1017.4 | 999.5  | 978.6  |
| 52.5°  | 891.9  | 890.4  | 891.9  | 896.4  | 902.4  | 909.8  | 927.8  | 938.2  | 950.2  | 939.7  | 906.9  |
| 55°    | 817.2  | 820.2  | 817.2  | 818.7  | 821.7  | 826.2  | 853.1  | 863.5  | 885.9  | 872.5  | 838.1  |
| 57.5°  | 742.5  | 738.0  | 742.5  | 745.5  | 747.0  | 751.5  | 773.9  | 793.3  | 806.8  | 808.3  | 766.4  |
| 60°    | 655.9  | 649.9  | 655.9  | 669.3  | 672.3  | 675.3  | 696.2  | 714.1  | 726.1  | 730.6  | 687.2  |
| 62.5°  | 579.7  | 569.2  | 579.7  | 588.6  | 594.6  | 602.1  | 617.0  | 643.9  | 654.4  | 655.9  | 594.6  |
| 65°    | 499.0  | 494.5  | 499.0  | 516.9  | 518.4  | 527.4  | 543.8  | 563.2  | 585.6  | 582.7  | 494.5  |
| 67.5°  | 425.8  | 425.8  | 425.8  | 437.7  | 446.7  | 451.2  | 472.1  | 481.1  | 509.5  | 512.4  | 412.3  |
| 70°    | 358.6  | 357.1  | 358.6  | 367.5  | 373.5  | 384.0  | 403.4  | 413.8  | 436.2  | 443.7  | 334.7  |
| 72.5°  | 294.3  | 292.8  | 294.3  | 301.8  | 307.8  | 316.7  | 333.2  | 345.1  | 364.5  | 373.5  | 260.0  |
| 75°    | 237.5  | 234.6  | 237.5  | 243.5  | 242.0  | 254.0  | 267.4  | 279.4  | 297.3  | 303.3  | 192.7  |
| 77.5°  | 182.3  | 182.3  | 182.3  | 188.2  | 188.2  | 200.2  | 206.2  | 221.1  | 231.6  | 240.5  | 141.9  |
| 80°    | 136.0  | 134.5  | 136.0  | 137.4  | 137.4  | 143.4  | 153.9  | 164.3  | 173.3  | 173.3  | 97.1   |
| 82.5°  | 95.6   | 92.6   | 95.6   | 95.6   | 95.6   | 98.6   | 104.6  | 107.6  | 113.5  | 118.0  | 61.3   |
| 85°    | 59.8   | 59.8   | 59.8   | 61.3   | 59.8   | 62.7   | 64.2   | 67.2   | 67.2   | 64.2   | 37.4   |
| 87.5°  | 38.8   | 37.4   | 38.8   | 37.4   | 37.4   | 35.9   | 35.9   | 35.9   | 34.4   | 32.9   | 20.9   |
| 90°    | 29.4   | 29.4   | 29.4   | 29.4   | 29.4   | 39.1   | 52.2   | 58.8   | 50.5   | 34.0   | 21.6   |
| 92.5°  | 117.7  | 94.3   | 117.7  | 141.1  | 147.0  | 208.4  | 290.1  | 331.1  | 290.6  | 209.9  | 149.3  |
| 95°    | 410.4  | 339.5  | 410.4  | 481.2  | 498.9  | 655.2  | 863.5  | 967.7  | 817.3  | 516.4  | 290.8  |
| 97.5°  | 983.4  | 848.6  | 983.4  | 1118.1 | 1151.8 | 1250.6 | 1382.2 | 1448.1 | 1197.3 | 695.6  | 319.4  |
| 100°   | 1416.8 | 1256.3 | 1416.8 | 1577.3 | 1617.4 | 1610.2 | 1600.6 | 1595.8 | 1317.5 | 760.8  | 343.4  |
| 102.5° | 1843.1 | 1705.6 | 1843.1 | 1980.6 | 2015.0 | 1889.2 | 1721.4 | 1637.5 | 1355.3 | 790.8  | 367.4  |
| 105°   | 2386.7 | 2312.8 | 2386.7 | 2460.6 | 2479.1 | 2197.1 | 1821.0 | 1632.9 | 1359.6 | 812.9  | 403.0  |
| 107.5° | 2742.8 | 2760.7 | 2742.8 | 2725.0 | 2720.5 | 2327.1 | 1802.5 | 1540.1 | 1299.1 | 817.1  | 455.6  |
| 110°   | 2878.6 | 2955.6 | 2878.6 | 2801.6 | 2782.4 | 2342.5 | 1755.9 | 1462.7 | 1245.4 | 810.8  | 485.0  |



TEST NUMBER: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2890.7 | 3009.0 | 2890.7 | 2772.5 | 2742.9 | 2292.7 | 1692.4 | 1392.3 | 1198.6 | 811.1  | 520.6  |
| 115°   | 2814.1 | 2978.0 | 2814.1 | 2650.2 | 2609.1 | 2175.5 | 1597.2 | 1308.0 | 1144.9 | 818.7  | 574.0  |
| 117.5° | 2651.6 | 2833.4 | 2651.6 | 2469.7 | 2424.3 | 2032.8 | 1510.9 | 1250.0 | 1111.2 | 833.9  | 625.8  |
| 120°   | 2520.6 | 2697.3 | 2520.6 | 2343.9 | 2299.7 | 1942.0 | 1465.2 | 1226.8 | 1099.9 | 846.2  | 656.0  |
| 122.5° | 2393.0 | 2567.3 | 2393.0 | 2218.7 | 2175.2 | 1853.2 | 1423.8 | 1209.0 | 1094.0 | 864.0  | 691.5  |
| 125°   | 2211.1 | 2371.7 | 2211.1 | 2050.6 | 2010.4 | 1736.8 | 1372.1 | 1189.7 | 1089.1 | 888.0  | 737.1  |
| 127.5° | 2047.5 | 2182.9 | 2047.5 | 1912.0 | 1878.2 | 1643.3 | 1330.1 | 1173.5 | 1086.3 | 912.0  | 781.3  |
| 130°   | 1951.1 | 2076.2 | 1951.1 | 1825.9 | 1794.6 | 1585.4 | 1306.7 | 1167.2 | 1087.9 | 929.5  | 810.6  |
| 132.5° | 1863.5 | 1975.6 | 1863.5 | 1751.4 | 1723.4 | 1536.2 | 1286.6 | 1161.8 | 1089.1 | 943.7  | 834.6  |
| 135°   | 1743.6 | 1840.2 | 1743.6 | 1647.0 | 1622.9 | 1466.1 | 1257.1 | 1152.6 | 1088.1 | 959.1  | 862.4  |
| 137.5° | 1647.4 | 1726.5 | 1647.4 | 1568.3 | 1548.6 | 1416.0 | 1239.3 | 1151.0 | 1094.8 | 982.4  | 898.1  |
| 140°   | 1581.4 | 1655.4 | 1581.4 | 1507.5 | 1489.0 | 1374.6 | 1221.9 | 1145.6 | 1095.9 | 996.5  | 922.0  |
| 142.5° | 1526.8 | 1590.4 | 1526.8 | 1463.2 | 1447.3 | 1346.7 | 1212.6 | 1145.6 | 1099.9 | 1008.4 | 939.8  |
| 145°   | 1444.8 | 1492.9 | 1444.8 | 1396.7 | 1384.6 | 1302.4 | 1192.7 | 1137.8 | 1099.9 | 1023.9 | 966.9  |
| 147.5° | 1382.0 | 1421.8 | 1382.0 | 1342.0 | 1332.1 | 1267.3 | 1181.0 | 1137.8 | 1107.5 | 1046.6 | 1001.0 |
| 150°   | 1342.3 | 1374.6 | 1342.3 | 1309.9 | 1301.9 | 1247.2 | 1174.3 | 1137.8 | 1111.3 | 1058.4 | 1018.7 |
| 152.5° | 1308.3 | 1332.7 | 1308.3 | 1283.9 | 1277.9 | 1231.2 | 1168.9 | 1137.8 | 1113.9 | 1066.2 | 1030.4 |
| 155°   | 1269.5 | 1285.6 | 1269.5 | 1253.4 | 1249.3 | 1212.1 | 1162.6 | 1137.8 | 1119.6 | 1083.2 | 1055.9 |
| 157.5° | 1238.6 | 1250.0 | 1238.6 | 1227.3 | 1224.5 | 1195.6 | 1157.1 | 1137.8 | 1125.3 | 1100.2 | 1081.4 |
| 160°   | 1220.3 | 1226.8 | 1220.3 | 1213.7 | 1212.1 | 1187.3 | 1154.4 | 1137.8 | 1127.9 | 1108.0 | 1093.0 |
| 162.5° | 1208.2 | 1214.4 | 1208.2 | 1202.1 | 1200.5 | 1179.6 | 1151.8 | 1137.8 | 1130.7 | 1116.2 | 1105.4 |
| 165°   | 1190.9 | 1197.4 | 1190.9 | 1184.3 | 1182.8 | 1167.8 | 1147.8 | 1137.8 | 1134.5 | 1128.1 | 1123.2 |
| 167.5° | 1178.4 | 1181.2 | 1178.4 | 1175.7 | 1175.0 | 1165.2 | 1152.2 | 1145.6 | 1142.8 | 1137.3 | 1133.2 |
| 170°   | 1175.0 | 1175.0 | 1175.0 | 1175.0 | 1175.0 | 1165.2 | 1152.2 | 1145.6 | 1145.4 | 1145.1 | 1144.8 |
| 172.5° | 1165.8 | 1163.4 | 1165.8 | 1168.2 | 1168.8 | 1161.0 | 1150.8 | 1145.6 | 1145.6 | 1145.6 | 1145.6 |
| 175°   | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1155.5 | 1148.9 | 1145.6 | 1147.2 | 1150.3 | 1152.6 |
| 177.5° | 1155.4 | 1152.6 | 1155.4 | 1158.0 | 1158.7 | 1154.9 | 1149.7 | 1147.1 | 1148.3 | 1150.8 | 1152.6 |
| 180°   | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 |

TEST NUMBER: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 |
| 2.5°   | 1601.6 | 1592.6 | 1592.6 | 1577.7 | 1571.7 | 1567.2 | 1559.7 | 1537.3 | 1531.4 | 1525.4 | 1534.3 |
| 5°     | 1615.0 | 1598.6 | 1586.6 | 1559.7 | 1537.3 | 1528.4 | 1500.0 | 1446.2 | 1410.3 | 1383.4 | 1368.5 |
| 7.5°   | 1618.0 | 1597.1 | 1574.7 | 1532.8 | 1479.1 | 1455.2 | 1368.5 | 1269.9 | 1243.0 | 1219.1 | 1204.2 |
| 10°    | 1615.0 | 1591.1 | 1559.7 | 1497.0 | 1370.0 | 1328.2 | 1241.5 | 1177.3 | 1160.8 | 1156.4 | 1160.8 |
| 12.5°  | 1604.6 | 1582.1 | 1538.8 | 1434.2 | 1256.5 | 1228.1 | 1177.3 | 1139.9 | 1136.9 | 1144.4 | 1184.7 |
| 15°    | 1586.6 | 1565.7 | 1514.9 | 1350.6 | 1193.7 | 1172.8 | 1136.9 | 1123.5 | 1139.9 | 1192.2 | 1313.2 |
| 17.5°  | 1568.7 | 1544.8 | 1482.0 | 1268.4 | 1145.9 | 1131.0 | 1105.6 | 1132.5 | 1225.1 | 1295.3 | 1335.6 |
| 20°    | 1544.8 | 1516.4 | 1444.7 | 1208.6 | 1111.5 | 1098.1 | 1086.1 | 1207.2 | 1277.4 | 1302.8 | 1325.2 |
| 22.5°  | 1516.4 | 1486.5 | 1393.9 | 1166.8 | 1075.7 | 1065.2 | 1072.7 | 1249.0 | 1277.4 | 1295.3 | 1314.7 |
| 25°    | 1479.1 | 1453.7 | 1334.1 | 1133.9 | 1047.3 | 1035.3 | 1063.7 | 1244.5 | 1260.9 | 1265.4 | 1304.3 |
| 27.5°  | 1444.7 | 1411.8 | 1271.4 | 1104.1 | 1012.9 | 1008.4 | 1071.2 | 1225.1 | 1237.0 | 1241.5 | 1283.3 |
| 30°    | 1402.9 | 1353.6 | 1201.2 | 1072.7 | 977.1  | 975.6  | 1072.7 | 1201.2 | 1198.2 | 1210.1 | 1252.0 |
| 32.5°  | 1359.5 | 1266.9 | 1122.0 | 1033.8 | 942.7  | 941.2  | 1062.2 | 1165.3 | 1162.3 | 1178.8 | 1210.1 |
| 35°    | 1319.2 | 1199.7 | 1014.4 | 989.0  | 899.4  | 900.9  | 1036.8 | 1123.5 | 1125.0 | 1139.9 | 1159.3 |
| 37.5°  | 1277.4 | 1141.4 | 896.4  | 939.7  | 857.6  | 857.6  | 1002.5 | 1084.6 | 1081.7 | 1086.1 | 1113.0 |
| 40°    | 1228.1 | 1050.3 | 791.8  | 875.5  | 818.7  | 814.2  | 960.6  | 1042.8 | 1032.4 | 1030.9 | 1068.2 |
| 42.5°  | 1175.8 | 950.2  | 714.1  | 790.3  | 773.9  | 767.9  | 909.8  | 992.0  | 972.6  | 977.1  | 1024.9 |
| 45°    | 1119.0 | 923.3  | 654.4  | 667.8  | 727.6  | 723.1  | 854.6  | 933.8  | 920.3  | 932.3  | 981.6  |
| 47.5°  | 1062.2 | 869.5  | 635.0  | 554.3  | 678.3  | 676.8  | 793.3  | 877.0  | 869.5  | 881.5  | 933.8  |
| 50°    | 984.5  | 809.7  | 633.5  | 475.1  | 623.0  | 629.0  | 720.1  | 821.7  | 821.7  | 832.2  | 887.4  |
| 52.5°  | 884.4  | 736.5  | 575.2  | 430.3  | 558.8  | 576.7  | 655.9  | 773.9  | 776.9  | 787.3  | 836.6  |
| 55°    | 793.3  | 660.3  | 533.4  | 395.9  | 482.6  | 521.4  | 593.1  | 724.6  | 730.6  | 741.0  | 785.8  |
| 57.5°  | 709.6  | 549.8  | 524.4  | 355.6  | 412.3  | 449.7  | 537.8  | 676.8  | 679.8  | 688.7  | 732.1  |
| 60°    | 620.0  | 397.4  | 481.1  | 312.2  | 351.1  | 379.5  | 487.0  | 620.0  | 630.5  | 636.4  | 673.8  |
| 62.5°  | 518.4  | 288.3  | 436.2  | 282.4  | 321.2  | 327.2  | 445.2  | 566.2  | 579.7  | 584.2  | 606.6  |
| 65°    | 369.0  | 242.0  | 370.5  | 257.0  | 289.8  | 291.3  | 400.4  | 510.9  | 522.9  | 530.4  | 546.8  |
| 67.5°  | 249.5  | 197.2  | 282.4  | 233.1  | 265.9  | 267.4  | 357.1  | 446.7  | 463.1  | 469.1  | 479.6  |
| 70°    | 173.3  | 131.5  | 209.2  | 207.7  | 239.0  | 242.0  | 310.8  | 388.4  | 403.4  | 407.9  | 413.8  |
| 72.5°  | 127.0  | 106.1  | 173.3  | 186.8  | 210.7  | 213.6  | 262.9  | 322.7  | 337.6  | 342.1  | 345.1  |
| 75°    | 97.1   | 112.0  | 140.4  | 162.8  | 179.3  | 180.8  | 215.1  | 262.9  | 273.4  | 276.4  | 277.9  |
| 77.5°  | 77.7   | 104.6  | 103.1  | 131.5  | 146.4  | 143.4  | 168.8  | 203.2  | 212.1  | 212.1  | 212.1  |
| 80°    | 58.3   | 82.2   | 77.7   | 94.1   | 107.6  | 104.6  | 121.0  | 144.9  | 147.9  | 150.9  | 149.4  |
| 82.5°  | 43.3   | 52.3   | 52.3   | 59.8   | 71.7   | 68.7   | 80.7   | 94.1   | 94.1   | 94.1   | 97.1   |
| 85°    | 26.9   | 29.9   | 23.9   | 31.4   | 40.3   | 38.8   | 44.8   | 50.8   | 52.3   | 52.3   | 49.3   |
| 87.5°  | 16.4   | 13.4   | 7.5    | 12.0   | 17.9   | 17.9   | 20.9   | 22.4   | 20.9   | 20.9   | 20.9   |
| 90°    | 20.1   | 13.9   | 7.8    | 13.9   | 20.1   | 21.6   | 34.0   | 50.5   | 58.8   | 52.2   | 39.1   |
| 92.5°  | 136.2  | 83.6   | 31.0   | 83.6   | 136.2  | 149.3  | 209.9  | 290.6  | 331.1  | 290.1  | 208.4  |
| 95°    | 266.7  | 170.5  | 74.3   | 170.5  | 266.7  | 290.8  | 516.4  | 817.3  | 967.7  | 863.5  | 655.2  |
| 97.5°  | 298.2  | 213.2  | 128.4  | 213.2  | 298.2  | 319.4  | 695.6  | 1197.3 | 1448.1 | 1382.2 | 1250.6 |
| 100°   | 324.2  | 247.2  | 170.2  | 247.2  | 324.2  | 343.4  | 760.8  | 1317.5 | 1595.8 | 1600.6 | 1610.2 |
| 102.5° | 349.5  | 277.6  | 205.8  | 277.6  | 349.5  | 367.4  | 790.8  | 1355.3 | 1637.5 | 1721.4 | 1889.2 |
| 105°   | 387.7  | 327.0  | 266.1  | 327.0  | 387.7  | 403.0  | 812.9  | 1359.6 | 1632.9 | 1821.0 | 2197.1 |
| 107.5° | 441.4  | 384.7  | 328.0  | 384.7  | 441.4  | 455.6  | 817.1  | 1299.1 | 1540.1 | 1802.5 | 2327.1 |
| 110°   | 472.1  | 420.9  | 369.7  | 420.9  | 472.1  | 485.0  | 810.8  | 1245.4 | 1462.7 | 1755.9 | 2342.5 |

TEST NUMBER: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 508.4  | 459.6  | 410.8  | 459.6  | 508.4  | 520.6  | 811.1  | 1198.6 | 1392.3 | 1692.4 | 2292.7 |
| 115°   | 562.7  | 517.6  | 472.6  | 517.6  | 562.7  | 574.0  | 818.7  | 1144.9 | 1308.0 | 1597.2 | 2175.5 |
| 117.5° | 615.5  | 574.7  | 533.8  | 574.7  | 615.5  | 625.8  | 833.9  | 1111.2 | 1250.0 | 1510.9 | 2032.8 |
| 120°   | 646.3  | 607.9  | 569.3  | 607.9  | 646.3  | 656.0  | 846.2  | 1099.9 | 1226.8 | 1465.2 | 1942.0 |
| 122.5° | 681.9  | 643.0  | 604.2  | 643.0  | 681.9  | 691.5  | 864.0  | 1094.0 | 1209.0 | 1423.8 | 1853.2 |
| 125°   | 728.3  | 692.9  | 657.5  | 692.9  | 728.3  | 737.1  | 888.0  | 1089.1 | 1189.7 | 1372.1 | 1736.8 |
| 127.5° | 772.3  | 736.5  | 700.8  | 736.5  | 772.3  | 781.3  | 912.0  | 1086.3 | 1173.5 | 1330.1 | 1643.3 |
| 130°   | 801.0  | 762.5  | 724.0  | 762.5  | 801.0  | 810.6  | 929.5  | 1087.9 | 1167.2 | 1306.7 | 1585.4 |
| 132.5° | 825.0  | 786.5  | 748.0  | 786.5  | 825.0  | 834.6  | 943.7  | 1089.1 | 1161.8 | 1286.6 | 1536.2 |
| 135°   | 853.7  | 818.6  | 783.6  | 818.6  | 853.7  | 862.4  | 959.1  | 1088.1 | 1152.6 | 1257.1 | 1466.1 |
| 137.5° | 889.4  | 854.7  | 819.9  | 854.7  | 889.4  | 898.1  | 982.4  | 1094.8 | 1151.0 | 1239.3 | 1416.0 |
| 140°   | 914.0  | 882.1  | 850.1  | 882.1  | 914.0  | 922.0  | 996.5  | 1095.9 | 1145.6 | 1221.9 | 1374.6 |
| 142.5° | 932.5  | 902.9  | 873.3  | 902.9  | 932.5  | 939.8  | 1008.4 | 1099.9 | 1145.6 | 1212.6 | 1346.7 |
| 145°   | 960.4  | 934.6  | 908.8  | 934.6  | 960.4  | 966.9  | 1023.9 | 1099.9 | 1137.8 | 1192.7 | 1302.4 |
| 147.5° | 994.7  | 969.6  | 944.5  | 969.6  | 994.7  | 1001.0 | 1046.6 | 1107.5 | 1137.8 | 1181.0 | 1267.3 |
| 150°   | 1013.0 | 990.4  | 967.7  | 990.4  | 1013.0 | 1018.7 | 1058.4 | 1111.3 | 1137.8 | 1174.3 | 1247.2 |
| 152.5° | 1026.1 | 1008.8 | 991.6  | 1008.8 | 1026.1 | 1030.4 | 1066.2 | 1113.9 | 1137.8 | 1168.9 | 1231.2 |
| 155°   | 1052.7 | 1040.0 | 1027.3 | 1040.0 | 1052.7 | 1055.9 | 1083.2 | 1119.6 | 1137.8 | 1162.6 | 1212.1 |
| 157.5° | 1078.3 | 1065.9 | 1053.6 | 1065.9 | 1078.3 | 1081.4 | 1100.2 | 1125.3 | 1137.8 | 1157.1 | 1195.6 |
| 160°   | 1090.6 | 1081.0 | 1071.3 | 1081.0 | 1090.6 | 1093.0 | 1108.0 | 1127.9 | 1137.8 | 1154.4 | 1187.3 |
| 162.5° | 1103.6 | 1096.3 | 1089.1 | 1096.3 | 1103.6 | 1105.4 | 1116.2 | 1130.7 | 1137.8 | 1151.8 | 1179.6 |
| 165°   | 1121.6 | 1115.0 | 1108.4 | 1115.0 | 1121.6 | 1123.2 | 1128.1 | 1134.5 | 1137.8 | 1147.8 | 1167.8 |
| 167.5° | 1132.5 | 1129.4 | 1126.3 | 1129.4 | 1132.5 | 1133.2 | 1137.3 | 1142.8 | 1145.6 | 1152.2 | 1165.2 |
| 170°   | 1144.0 | 1140.9 | 1137.8 | 1140.9 | 1144.0 | 1144.8 | 1145.1 | 1145.4 | 1145.6 | 1152.2 | 1165.2 |
| 172.5° | 1145.4 | 1144.7 | 1144.0 | 1144.7 | 1145.4 | 1145.6 | 1145.6 | 1145.6 | 1145.6 | 1150.8 | 1161.0 |
| 175°   | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1150.3 | 1147.2 | 1145.6 | 1148.9 | 1155.5 |
| 177.5° | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1150.8 | 1148.3 | 1147.1 | 1149.7 | 1154.9 |
| 180°   | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 |

TEST NUMBER: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 |
| 2.5°   | 1523.9 | 1519.4 | 1525.4 | 1508.9 | 1525.4 | 1519.4 | 1523.9 | 1534.3 | 1525.4 | 1531.4 | 1537.3 |
| 5°     | 1337.1 | 1329.7 | 1305.8 | 1286.3 | 1305.8 | 1329.7 | 1337.1 | 1368.5 | 1383.4 | 1410.3 | 1446.2 |
| 7.5°   | 1195.2 | 1189.2 | 1183.2 | 1171.3 | 1183.2 | 1189.2 | 1195.2 | 1204.2 | 1219.1 | 1243.0 | 1269.9 |
| 10°    | 1163.8 | 1165.3 | 1174.3 | 1172.8 | 1174.3 | 1165.3 | 1163.8 | 1160.8 | 1156.4 | 1160.8 | 1177.3 |
| 12.5°  | 1244.5 | 1257.9 | 1307.2 | 1304.3 | 1307.2 | 1257.9 | 1244.5 | 1184.7 | 1144.4 | 1136.9 | 1139.9 |
| 15°    | 1337.1 | 1341.6 | 1352.1 | 1353.6 | 1352.1 | 1341.6 | 1337.1 | 1313.2 | 1192.2 | 1139.9 | 1123.5 |
| 17.5°  | 1346.1 | 1347.6 | 1355.1 | 1355.1 | 1355.1 | 1347.6 | 1346.1 | 1335.6 | 1295.3 | 1225.1 | 1132.5 |
| 20°    | 1338.6 | 1341.6 | 1356.6 | 1359.5 | 1356.6 | 1341.6 | 1338.6 | 1325.2 | 1302.8 | 1277.4 | 1207.2 |
| 22.5°  | 1335.6 | 1341.6 | 1353.6 | 1352.1 | 1353.6 | 1341.6 | 1335.6 | 1314.7 | 1295.3 | 1277.4 | 1249.0 |
| 25°    | 1320.7 | 1320.7 | 1322.2 | 1323.7 | 1322.2 | 1320.7 | 1320.7 | 1304.3 | 1265.4 | 1260.9 | 1244.5 |
| 27.5°  | 1289.3 | 1292.3 | 1301.3 | 1299.8 | 1301.3 | 1292.3 | 1289.3 | 1283.3 | 1241.5 | 1237.0 | 1225.1 |
| 30°    | 1260.9 | 1257.9 | 1250.5 | 1244.5 | 1250.5 | 1257.9 | 1260.9 | 1252.0 | 1210.1 | 1198.2 | 1201.2 |
| 32.5°  | 1213.1 | 1205.7 | 1198.2 | 1193.7 | 1198.2 | 1205.7 | 1213.1 | 1210.1 | 1178.8 | 1162.3 | 1165.3 |
| 35°    | 1156.4 | 1157.8 | 1156.4 | 1151.9 | 1156.4 | 1157.8 | 1156.4 | 1159.3 | 1139.9 | 1125.0 | 1123.5 |
| 37.5°  | 1116.0 | 1119.0 | 1117.5 | 1111.5 | 1117.5 | 1119.0 | 1116.0 | 1113.0 | 1086.1 | 1081.7 | 1084.6 |
| 40°    | 1074.2 | 1075.7 | 1074.2 | 1069.7 | 1074.2 | 1075.7 | 1074.2 | 1068.2 | 1030.9 | 1032.4 | 1042.8 |
| 42.5°  | 1033.8 | 1032.4 | 1027.9 | 1024.9 | 1027.9 | 1032.4 | 1033.8 | 1024.9 | 977.1  | 972.6  | 992.0  |
| 45°    | 987.5  | 989.0  | 980.1  | 975.6  | 980.1  | 989.0  | 987.5  | 981.6  | 932.3  | 920.3  | 933.8  |
| 47.5°  | 941.2  | 941.2  | 933.8  | 929.3  | 933.8  | 941.2  | 941.2  | 933.8  | 881.5  | 869.5  | 877.0  |
| 50°    | 891.9  | 890.4  | 880.0  | 878.5  | 880.0  | 890.4  | 891.9  | 887.4  | 832.2  | 821.7  | 821.7  |
| 52.5°  | 835.1  | 835.1  | 836.6  | 839.6  | 836.6  | 835.1  | 835.1  | 836.6  | 787.3  | 776.9  | 773.9  |
| 55°    | 785.8  | 787.3  | 797.8  | 800.8  | 797.8  | 787.3  | 785.8  | 785.8  | 741.0  | 730.6  | 724.6  |
| 57.5°  | 735.0  | 735.0  | 742.5  | 742.5  | 742.5  | 735.0  | 735.0  | 732.1  | 688.7  | 679.8  | 676.8  |
| 60°    | 676.8  | 679.8  | 685.7  | 684.3  | 685.7  | 679.8  | 676.8  | 673.8  | 636.4  | 630.5  | 620.0  |
| 62.5°  | 615.5  | 618.5  | 620.0  | 617.0  | 620.0  | 618.5  | 615.5  | 606.6  | 584.2  | 579.7  | 566.2  |
| 65°    | 551.3  | 554.3  | 555.8  | 552.8  | 555.8  | 554.3  | 551.3  | 546.8  | 530.4  | 522.9  | 510.9  |
| 67.5°  | 485.6  | 484.1  | 482.6  | 488.5  | 482.6  | 484.1  | 485.6  | 479.6  | 469.1  | 463.1  | 446.7  |
| 70°    | 418.3  | 418.3  | 416.8  | 419.8  | 416.8  | 418.3  | 418.3  | 413.8  | 407.9  | 403.4  | 388.4  |
| 72.5°  | 346.6  | 345.1  | 351.1  | 346.6  | 351.1  | 345.1  | 346.6  | 345.1  | 342.1  | 337.6  | 322.7  |
| 75°    | 276.4  | 279.4  | 276.4  | 280.9  | 276.4  | 279.4  | 276.4  | 277.9  | 276.4  | 273.4  | 262.9  |
| 77.5°  | 210.7  | 213.6  | 210.7  | 210.7  | 210.7  | 213.6  | 210.7  | 212.1  | 212.1  | 212.1  | 203.2  |
| 80°    | 149.4  | 147.9  | 147.9  | 146.4  | 147.9  | 147.9  | 149.4  | 149.4  | 150.9  | 147.9  | 144.9  |
| 82.5°  | 95.6   | 94.1   | 94.1   | 97.1   | 94.1   | 94.1   | 95.6   | 97.1   | 94.1   | 94.1   | 94.1   |
| 85°    | 52.3   | 53.8   | 50.8   | 50.8   | 50.8   | 53.8   | 52.3   | 49.3   | 52.3   | 52.3   | 50.8   |
| 87.5°  | 19.4   | 17.9   | 17.9   | 17.9   | 17.9   | 17.9   | 19.4   | 20.9   | 20.9   | 20.9   | 22.4   |
| 90°    | 29.4   | 29.4   | 29.4   | 29.4   | 29.4   | 29.4   | 29.4   | 39.1   | 52.2   | 58.8   | 50.5   |
| 92.5°  | 147.0  | 141.1  | 117.7  | 94.3   | 117.7  | 141.1  | 147.0  | 208.4  | 290.1  | 331.1  | 290.6  |
| 95°    | 498.9  | 481.2  | 410.4  | 339.5  | 410.4  | 481.2  | 498.9  | 655.2  | 863.5  | 967.7  | 817.3  |
| 97.5°  | 1151.8 | 1118.1 | 983.4  | 848.6  | 983.4  | 1118.1 | 1151.8 | 1250.6 | 1382.2 | 1448.1 | 1197.3 |
| 100°   | 1617.4 | 1577.3 | 1416.8 | 1256.3 | 1416.8 | 1577.3 | 1617.4 | 1610.2 | 1600.6 | 1595.8 | 1317.5 |
| 102.5° | 2015.0 | 1980.6 | 1843.1 | 1705.6 | 1843.1 | 1980.6 | 2015.0 | 1889.2 | 1721.4 | 1637.5 | 1355.3 |
| 105°   | 2479.1 | 2460.6 | 2386.7 | 2312.8 | 2386.7 | 2460.6 | 2479.1 | 2197.1 | 1821.0 | 1632.9 | 1359.6 |
| 107.5° | 2720.5 | 2725.0 | 2742.8 | 2760.7 | 2742.8 | 2725.0 | 2720.5 | 2327.1 | 1802.5 | 1540.1 | 1299.1 |
| 110°   | 2782.4 | 2801.6 | 2878.6 | 2955.6 | 2878.6 | 2801.6 | 2782.4 | 2342.5 | 1755.9 | 1462.7 | 1245.4 |

TEST NUMBER: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2742.9 | 2772.5 | 2890.7 | 3009.0 | 2890.7 | 2772.5 | 2742.9 | 2292.7 | 1692.4 | 1392.3 | 1198.6 |
| 115°   | 2609.1 | 2650.2 | 2814.1 | 2978.0 | 2814.1 | 2650.2 | 2609.1 | 2175.5 | 1597.2 | 1308.0 | 1144.9 |
| 117.5° | 2424.3 | 2469.7 | 2651.6 | 2833.4 | 2651.6 | 2469.7 | 2424.3 | 2032.8 | 1510.9 | 1250.0 | 1111.2 |
| 120°   | 2299.7 | 2343.9 | 2520.6 | 2697.3 | 2520.6 | 2343.9 | 2299.7 | 1942.0 | 1465.2 | 1226.8 | 1099.9 |
| 122.5° | 2175.2 | 2218.7 | 2393.0 | 2567.3 | 2393.0 | 2218.7 | 2175.2 | 1853.2 | 1423.8 | 1209.0 | 1094.0 |
| 125°   | 2010.4 | 2050.6 | 2211.1 | 2371.7 | 2211.1 | 2050.6 | 2010.4 | 1736.8 | 1372.1 | 1189.7 | 1089.1 |
| 127.5° | 1878.2 | 1912.0 | 2047.5 | 2182.9 | 2047.5 | 1912.0 | 1878.2 | 1643.3 | 1330.1 | 1173.5 | 1086.3 |
| 130°   | 1794.6 | 1825.9 | 1951.1 | 2076.2 | 1951.1 | 1825.9 | 1794.6 | 1585.4 | 1306.7 | 1167.2 | 1087.9 |
| 132.5° | 1723.4 | 1751.4 | 1863.5 | 1975.6 | 1863.5 | 1751.4 | 1723.4 | 1536.2 | 1286.6 | 1161.8 | 1089.1 |
| 135°   | 1622.9 | 1647.0 | 1743.6 | 1840.2 | 1743.6 | 1647.0 | 1622.9 | 1466.1 | 1257.1 | 1152.6 | 1088.1 |
| 137.5° | 1548.6 | 1568.3 | 1647.4 | 1726.5 | 1647.4 | 1568.3 | 1548.6 | 1416.0 | 1239.3 | 1151.0 | 1094.8 |
| 140°   | 1489.0 | 1507.5 | 1581.4 | 1655.4 | 1581.4 | 1507.5 | 1489.0 | 1374.6 | 1221.9 | 1145.6 | 1095.9 |
| 142.5° | 1447.3 | 1463.2 | 1526.8 | 1590.4 | 1526.8 | 1463.2 | 1447.3 | 1346.7 | 1212.6 | 1145.6 | 1099.9 |
| 145°   | 1384.6 | 1396.7 | 1444.8 | 1492.9 | 1444.8 | 1396.7 | 1384.6 | 1302.4 | 1192.7 | 1137.8 | 1099.9 |
| 147.5° | 1332.1 | 1342.0 | 1382.0 | 1421.8 | 1382.0 | 1342.0 | 1332.1 | 1267.3 | 1181.0 | 1137.8 | 1107.5 |
| 150°   | 1301.9 | 1309.9 | 1342.3 | 1374.6 | 1342.3 | 1309.9 | 1301.9 | 1247.2 | 1174.3 | 1137.8 | 1111.3 |
| 152.5° | 1277.9 | 1283.9 | 1308.3 | 1332.7 | 1308.3 | 1283.9 | 1277.9 | 1231.2 | 1168.9 | 1137.8 | 1113.9 |
| 155°   | 1249.3 | 1253.4 | 1269.5 | 1285.6 | 1269.5 | 1253.4 | 1249.3 | 1212.1 | 1162.6 | 1137.8 | 1119.6 |
| 157.5° | 1224.5 | 1227.3 | 1238.6 | 1250.0 | 1238.6 | 1227.3 | 1224.5 | 1195.6 | 1157.1 | 1137.8 | 1125.3 |
| 160°   | 1212.1 | 1213.7 | 1220.3 | 1226.8 | 1220.3 | 1213.7 | 1212.1 | 1187.3 | 1154.4 | 1137.8 | 1127.9 |
| 162.5° | 1200.5 | 1202.1 | 1208.2 | 1214.4 | 1208.2 | 1202.1 | 1200.5 | 1179.6 | 1151.8 | 1137.8 | 1130.7 |
| 165°   | 1182.8 | 1184.3 | 1190.9 | 1197.4 | 1190.9 | 1184.3 | 1182.8 | 1167.8 | 1147.8 | 1137.8 | 1134.5 |
| 167.5° | 1175.0 | 1175.7 | 1178.4 | 1181.2 | 1178.4 | 1175.7 | 1175.0 | 1165.2 | 1152.2 | 1145.6 | 1142.8 |
| 170°   | 1175.0 | 1175.0 | 1175.0 | 1175.0 | 1175.0 | 1175.0 | 1175.0 | 1165.2 | 1152.2 | 1145.6 | 1145.4 |
| 172.5° | 1168.8 | 1168.2 | 1165.8 | 1163.4 | 1165.8 | 1168.2 | 1168.8 | 1161.0 | 1150.8 | 1145.6 | 1145.6 |
| 175°   | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1160.3 | 1155.5 | 1148.9 | 1145.6 | 1147.2 |
| 177.5° | 1158.7 | 1158.0 | 1155.4 | 1152.6 | 1155.4 | 1158.0 | 1158.7 | 1154.9 | 1149.7 | 1147.1 | 1148.3 |
| 180°   | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 |

TEST NUMBER: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1579.2 | 1579.2 | 1579.2 | 1579.2 | 1579.2 |
| 2.5°   | 1559.7 | 1567.2 | 1571.7 | 1577.7 | 1592.6 |
| 5°     | 1500.0 | 1528.4 | 1537.3 | 1559.7 | 1586.6 |
| 7.5°   | 1368.5 | 1455.2 | 1479.1 | 1532.8 | 1574.7 |
| 10°    | 1241.5 | 1328.2 | 1370.0 | 1497.0 | 1559.7 |
| 12.5°  | 1177.3 | 1228.1 | 1256.5 | 1434.2 | 1538.8 |
| 15°    | 1136.9 | 1172.8 | 1193.7 | 1350.6 | 1514.9 |
| 17.5°  | 1105.6 | 1131.0 | 1145.9 | 1268.4 | 1482.0 |
| 20°    | 1086.1 | 1098.1 | 1111.5 | 1208.6 | 1444.7 |
| 22.5°  | 1072.7 | 1065.2 | 1075.7 | 1166.8 | 1393.9 |
| 25°    | 1063.7 | 1035.3 | 1047.3 | 1133.9 | 1334.1 |
| 27.5°  | 1071.2 | 1008.4 | 1012.9 | 1104.1 | 1271.4 |
| 30°    | 1072.7 | 975.6  | 977.1  | 1072.7 | 1201.2 |
| 32.5°  | 1062.2 | 941.2  | 942.7  | 1033.8 | 1122.0 |
| 35°    | 1036.8 | 900.9  | 899.4  | 989.0  | 1014.4 |
| 37.5°  | 1002.5 | 857.6  | 857.6  | 939.7  | 896.4  |
| 40°    | 960.6  | 814.2  | 818.7  | 875.5  | 791.8  |
| 42.5°  | 909.8  | 767.9  | 773.9  | 790.3  | 714.1  |
| 45°    | 854.6  | 723.1  | 727.6  | 667.8  | 654.4  |
| 47.5°  | 793.3  | 676.8  | 678.3  | 554.3  | 635.0  |
| 50°    | 720.1  | 629.0  | 623.0  | 475.1  | 633.5  |
| 52.5°  | 655.9  | 576.7  | 558.8  | 430.3  | 575.2  |
| 55°    | 593.1  | 521.4  | 482.6  | 395.9  | 533.4  |
| 57.5°  | 537.8  | 449.7  | 412.3  | 355.6  | 524.4  |
| 60°    | 487.0  | 379.5  | 351.1  | 312.2  | 481.1  |
| 62.5°  | 445.2  | 327.2  | 321.2  | 282.4  | 436.2  |
| 65°    | 400.4  | 291.3  | 289.8  | 257.0  | 370.5  |
| 67.5°  | 357.1  | 267.4  | 265.9  | 233.1  | 282.4  |
| 70°    | 310.8  | 242.0  | 239.0  | 207.7  | 209.2  |
| 72.5°  | 262.9  | 213.6  | 210.7  | 186.8  | 173.3  |
| 75°    | 215.1  | 180.8  | 179.3  | 162.8  | 140.4  |
| 77.5°  | 168.8  | 143.4  | 146.4  | 131.5  | 103.1  |
| 80°    | 121.0  | 104.6  | 107.6  | 94.1   | 77.7   |
| 82.5°  | 80.7   | 68.7   | 71.7   | 59.8   | 52.3   |
| 85°    | 44.8   | 38.8   | 40.3   | 31.4   | 23.9   |
| 87.5°  | 20.9   | 17.9   | 17.9   | 12.0   | 7.5    |
| 90°    | 34.0   | 21.6   | 20.1   | 13.9   | 7.8    |
| 92.5°  | 209.9  | 149.3  | 136.2  | 83.6   | 31.0   |
| 95°    | 516.4  | 290.8  | 266.7  | 170.5  | 74.3   |
| 97.5°  | 695.6  | 319.4  | 298.2  | 213.2  | 128.4  |
| 100°   | 760.8  | 343.4  | 324.2  | 247.2  | 170.2  |
| 102.5° | 790.8  | 367.4  | 349.5  | 277.6  | 205.8  |
| 105°   | 812.9  | 403.0  | 387.7  | 327.0  | 266.1  |
| 107.5° | 817.1  | 455.6  | 441.4  | 384.7  | 328.0  |
| 110°   | 810.8  | 485.0  | 472.1  | 420.9  | 369.7  |



TEST NUMBER: P935587

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 811.1  | 520.6  | 508.4  | 459.6  | 410.8  |
| 115°   | 818.7  | 574.0  | 562.7  | 517.6  | 472.6  |
| 117.5° | 833.9  | 625.8  | 615.5  | 574.7  | 533.8  |
| 120°   | 846.2  | 656.0  | 646.3  | 607.9  | 569.3  |
| 122.5° | 864.0  | 691.5  | 681.9  | 643.0  | 604.2  |
| 125°   | 888.0  | 737.1  | 728.3  | 692.9  | 657.5  |
| 127.5° | 912.0  | 781.3  | 772.3  | 736.5  | 700.8  |
| 130°   | 929.5  | 810.6  | 801.0  | 762.5  | 724.0  |
| 132.5° | 943.7  | 834.6  | 825.0  | 786.5  | 748.0  |
| 135°   | 959.1  | 862.4  | 853.7  | 818.6  | 783.6  |
| 137.5° | 982.4  | 898.1  | 889.4  | 854.7  | 819.9  |
| 140°   | 996.5  | 922.0  | 914.0  | 882.1  | 850.1  |
| 142.5° | 1008.4 | 939.8  | 932.5  | 902.9  | 873.3  |
| 145°   | 1023.9 | 966.9  | 960.4  | 934.6  | 908.8  |
| 147.5° | 1046.6 | 1001.0 | 994.7  | 969.6  | 944.5  |
| 150°   | 1058.4 | 1018.7 | 1013.0 | 990.4  | 967.7  |
| 152.5° | 1066.2 | 1030.4 | 1026.1 | 1008.8 | 991.6  |
| 155°   | 1083.2 | 1055.9 | 1052.7 | 1040.0 | 1027.3 |
| 157.5° | 1100.2 | 1081.4 | 1078.3 | 1065.9 | 1053.6 |
| 160°   | 1108.0 | 1093.0 | 1090.6 | 1081.0 | 1071.3 |
| 162.5° | 1116.2 | 1105.4 | 1103.6 | 1096.3 | 1089.1 |
| 165°   | 1128.1 | 1123.2 | 1121.6 | 1115.0 | 1108.4 |
| 167.5° | 1137.3 | 1133.2 | 1132.5 | 1129.4 | 1126.3 |
| 170°   | 1145.1 | 1144.8 | 1144.0 | 1140.9 | 1137.8 |
| 172.5° | 1145.6 | 1145.6 | 1145.4 | 1144.7 | 1144.0 |
| 175°   | 1150.3 | 1152.6 | 1152.6 | 1152.6 | 1152.6 |
| 177.5° | 1150.8 | 1152.6 | 1152.6 | 1152.6 | 1152.6 |
| 180°   | 1152.6 | 1152.6 | 1152.6 | 1152.6 | 1152.6 |

TEST NUMBER: P935587

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-W2A-W-6-2700K

**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 | 11.20            | 11.94 | 12.27 | 13.02 | 14.48 | 14.02          | 14.77 | 15.10 | 15.84 | 17.31 |
|                 | 3H   | 11.67            | 12.33 | 12.75 | 13.42 | 14.90 | 15.36          | 16.02 | 16.44 | 17.11 | 18.59 |
|                 | 4H   | 11.85            | 12.48 | 12.95 | 13.57 | 15.06 | 15.80          | 16.43 | 16.89 | 17.51 | 19.00 |
|                 | 6H   | 11.97            | 12.55 | 13.07 | 13.63 | 15.14 | 16.07          | 16.65 | 17.18 | 17.74 | 19.24 |
|                 | 8H   | 11.96            | 12.52 | 13.07 | 13.62 | 15.12 | 16.14          | 16.70 | 17.25 | 17.80 | 19.30 |
|                 | 12H  | 11.93            | 12.46 | 13.04 | 13.55 | 15.07 | 16.18          | 16.70 | 17.29 | 17.80 | 19.32 |
| 4H              | 2H   | 12.22            | 12.85 | 13.32 | 13.93 | 15.42 | 14.42          | 15.05 | 15.52 | 16.13 | 17.62 |
|                 | 3H   | 13.23            | 13.76 | 14.34 | 14.87 | 16.37 | 15.91          | 16.44 | 17.02 | 17.55 | 19.05 |
|                 | 4H   | 13.50            | 13.99 | 14.61 | 15.09 | 16.61 | 16.43          | 16.92 | 17.54 | 18.02 | 19.54 |
|                 | 6H   | 13.62            | 14.04 | 14.74 | 15.16 | 16.68 | 16.79          | 17.20 | 17.91 | 18.33 | 19.84 |
|                 | 8H   | 13.62            | 14.01 | 14.74 | 15.13 | 16.66 | 16.89          | 17.28 | 18.01 | 18.40 | 19.93 |
|                 | 12H  | 13.59            | 13.94 | 14.72 | 15.06 | 16.60 | 16.94          | 17.29 | 18.08 | 18.42 | 19.96 |
| 8H              | 4H   | 13.95            | 14.33 | 15.06 | 15.45 | 16.98 | 16.55          | 16.94 | 17.67 | 18.05 | 19.58 |
|                 | 6H   | 14.20            | 14.52 | 15.34 | 15.68 | 17.21 | 16.98          | 17.30 | 18.12 | 18.46 | 19.98 |
|                 | 8H   | 14.24            | 14.52 | 15.39 | 15.66 | 17.21 | 17.13          | 17.41 | 18.27 | 18.55 | 20.09 |
|                 | 12H  | 14.22            | 14.47 | 15.37 | 15.60 | 17.19 | 17.22          | 17.47 | 18.37 | 18.60 | 20.19 |
| 12H             | 4H   | 13.95            | 14.30 | 15.08 | 15.43 | 16.96 | 16.51          | 16.86 | 17.64 | 17.99 | 19.52 |
|                 | 6H   | 14.26            | 14.54 | 15.41 | 15.68 | 17.23 | 16.97          | 17.25 | 18.12 | 18.39 | 19.94 |
|                 | 8H   | 14.32            | 14.57 | 15.47 | 15.70 | 17.29 | 17.13          | 17.38 | 18.28 | 18.51 | 20.09 |

END OF REPORT