

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: P934790

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

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P934790  
REPORT IS A COMBINATION OF REPORTS P933711 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-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**

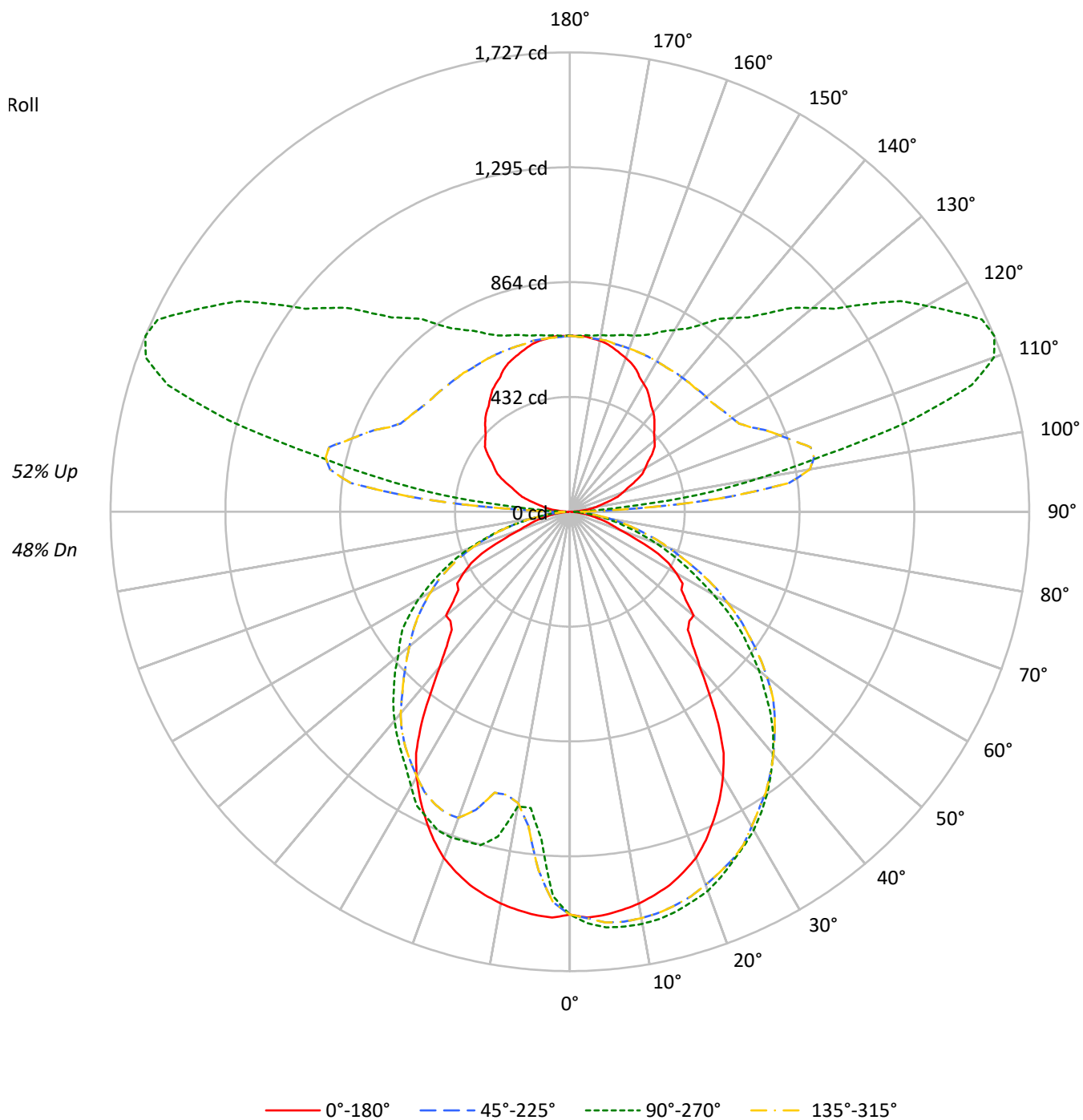
Lumens per Lamp: N/A  
Luminaire Lumens: 8217.7 lumens  
Efficiency: N/A  
Efficacy: 129.2 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 63.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P934790

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

### Luminous Intensity Polar Plot



TEST NUMBER: P934790

CATALOG NUMBER: SQ4-FA-075U-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   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 | 48 | 48 | 48 |
| 1   | 97  | 93  | 89  | 86  | 89 | 86 | 82 | 79 | 72 | 70 | 68 | 60 | 58 | 56 | 48 | 47 | 46 | 40 | 40 | 40 |
| 2   | 89  | 81  | 75  | 70  | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 40 | 39 | 34 | 34 | 34 |
| 3   | 81  | 71  | 64  | 58  | 74 | 66 | 60 | 54 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 29 | 29 | 29 |
| 4   | 74  | 63  | 55  | 49  | 68 | 58 | 52 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 31 | 28 | 25 | 25 | 25 |
| 5   | 68  | 56  | 48  | 42  | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 37 | 33 | 29 | 30 | 27 | 25 | 21 | 21 | 21 |
| 6   | 62  | 50  | 42  | 37  | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 | 19 | 19 | 19 |
| 7   | 58  | 45  | 38  | 32  | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 19 | 17 | 17 | 17 |
| 8   | 54  | 41  | 33  | 28  | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 | 15 | 15 | 15 |
| 9   | 50  | 38  | 30  | 25  | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 15 | 13 | 13 | 13 |
| 10  | 46  | 34  | 27  | 22  | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 | 12 | 12 |

**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

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 136.7  | 1.7       |
| 10°-20°   | 388.1  | 4.7       |
| 20°-30°   | 599.9  | 7.3       |
| 30°-40°   | 716.1  | 8.7       |
| 40°-50°   | 720.3  | 8.8       |
| 50°-60°   | 626.8  | 7.6       |
| 60°-70°   | 444.4  | 5.4       |
| 70°-80°   | 235.1  | 2.9       |
| 80°-90°   | 61.1   | 0.7       |
| 90°-100°  | 322.5  | 3.9       |
| 100°-110° | 847.9  | 10.3      |
| 110°-120° | 879.2  | 10.7      |
| 120°-130° | 705.2  | 8.6       |
| 130°-140° | 553.4  | 6.7       |
| 140°-150° | 424.7  | 5.2       |
| 150°-160° | 305.9  | 3.7       |
| 160°-170° | 187.1  | 2.3       |
| 170°-180° | 63.2   | 0.8       |
| 0°-30°    | 1124.6 | 13.7      |
| 0°-40°    | 1840.8 | 22.4      |
| 0°-60°    | 3187.9 | 38.8      |
| 0°-90°    | 3928.5 | 47.8      |
| 90°-120°  | 2049.7 | 24.9      |
| 90°-150°  | 3733.0 | 45.4      |
| 90°-180°  | 4289.0 | 52.2      |
| 0°-180°   | 8217.7 | 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°  | 4    | 17   | 4    | 17   | 4    | 5    |
| 95°  | 43   | 195  | 43   | 195  | 43   | 47   |
| 105° | 153  | 1328 | 153  | 1328 | 153  | 162  |
| 115° | 271  | 1710 | 271  | 1710 | 271  | 268  |
| 125° | 377  | 1362 | 377  | 1362 | 377  | 335  |
| 135° | 450  | 1056 | 450  | 1056 | 450  | 348  |
| 145° | 522  | 857  | 522  | 857  | 522  | 327  |
| 155° | 590  | 738  | 590  | 738  | 590  | 271  |
| 165° | 636  | 687  | 636  | 687  | 636  | 180  |
| 175° | 662  | 666  | 662  | 666  | 662  | 63   |
| 180° | 662  | 662  | 662  | 662  | 662  |      |

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**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°    | 4.4    | 7.9    | 11.6   | 12.4   | 19.5   | 28.9   | 33.7   | 30.0   | 22.5   | 16.9   | 16.9   |
| 92.5°  | 17.8   | 47.9   | 78.1   | 85.7   | 120.4  | 166.8  | 190.0  | 166.6  | 119.6  | 84.3   | 81.0   |
| 95°    | 42.6   | 97.9   | 153.1  | 166.9  | 296.4  | 469.2  | 555.5  | 495.7  | 376.1  | 286.4  | 276.3  |
| 97.5°  | 73.7   | 122.4  | 171.1  | 183.4  | 399.4  | 687.3  | 831.3  | 793.5  | 718.0  | 661.2  | 641.9  |
| 100°   | 97.7   | 141.9  | 186.1  | 197.2  | 436.8  | 756.4  | 916.1  | 918.9  | 924.4  | 928.5  | 905.5  |
| 102.5° | 118.1  | 159.4  | 200.6  | 211.0  | 454.0  | 778.0  | 940.1  | 988.2  | 1084.6 | 1156.8 | 1137.0 |
| 105°   | 152.8  | 187.8  | 222.7  | 231.4  | 466.7  | 780.5  | 937.4  | 1045.3 | 1261.3 | 1423.2 | 1412.6 |
| 107.5° | 188.3  | 220.9  | 253.5  | 261.6  | 469.1  | 745.8  | 884.1  | 1034.7 | 1335.9 | 1561.8 | 1564.4 |
| 110°   | 212.3  | 241.7  | 271.0  | 278.4  | 465.5  | 715.0  | 839.7  | 1008.1 | 1344.8 | 1597.3 | 1608.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°   | 60°    | 67.5°  | 70°    |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 235.8 | 263.8 | 291.8 | 298.8 | 465.7 | 688.1 | 799.3 | 971.6 | 1316.2 | 1574.6 | 1591.6 |
| 115°   | 271.3 | 297.2 | 323.0 | 329.5 | 470.0 | 657.2 | 750.9 | 916.9 | 1248.9 | 1497.8 | 1521.3 |
| 117.5° | 306.4 | 329.9 | 353.3 | 359.3 | 478.7 | 637.9 | 717.6 | 867.4 | 1167.0 | 1391.7 | 1417.8 |
| 120°   | 326.8 | 349.0 | 371.0 | 376.6 | 485.8 | 631.4 | 704.3 | 841.2 | 1114.9 | 1320.2 | 1345.6 |
| 122.5° | 346.9 | 369.1 | 391.5 | 397.0 | 496.0 | 628.1 | 694.1 | 817.3 | 1063.8 | 1248.7 | 1273.7 |
| 125°   | 377.4 | 397.8 | 418.1 | 423.2 | 509.8 | 625.2 | 683.0 | 787.7 | 997.1  | 1154.1 | 1177.1 |
| 127.5° | 402.3 | 422.9 | 443.3 | 448.5 | 523.5 | 623.6 | 673.7 | 763.5 | 943.3  | 1078.2 | 1097.7 |
| 130°   | 415.6 | 437.8 | 459.8 | 465.4 | 533.7 | 624.7 | 670.1 | 750.2 | 910.2  | 1030.3 | 1048.2 |
| 132.5° | 429.4 | 451.5 | 473.6 | 479.1 | 541.8 | 625.2 | 667.0 | 738.6 | 881.9  | 989.4  | 1005.4 |
| 135°   | 449.8 | 470.0 | 490.1 | 495.2 | 550.7 | 624.7 | 661.6 | 721.6 | 841.6  | 931.6  | 945.4  |
| 137.5° | 470.7 | 490.6 | 510.5 | 515.5 | 563.9 | 628.5 | 660.8 | 711.5 | 812.9  | 889.0  | 900.4  |
| 140°   | 488.0 | 506.3 | 524.8 | 529.4 | 572.1 | 629.2 | 657.6 | 701.4 | 789.1  | 854.8  | 865.4  |
| 142.5° | 501.4 | 518.4 | 535.4 | 539.6 | 578.9 | 631.4 | 657.6 | 696.1 | 773.1  | 830.8  | 840.0  |
| 145°   | 521.8 | 536.6 | 551.3 | 555.0 | 587.8 | 631.4 | 653.2 | 684.7 | 747.7  | 794.8  | 801.7  |
| 147.5° | 542.2 | 556.6 | 571.0 | 574.6 | 600.8 | 635.7 | 653.2 | 678.0 | 727.5  | 764.7  | 770.4  |
| 150°   | 555.5 | 568.5 | 581.6 | 584.8 | 607.7 | 638.0 | 653.2 | 674.1 | 716.0  | 747.4  | 752.1  |
| 152.5° | 569.3 | 579.2 | 589.0 | 591.5 | 612.1 | 639.5 | 653.2 | 671.1 | 706.8  | 733.6  | 737.2  |
| 155°   | 589.7 | 597.0 | 604.3 | 606.1 | 621.8 | 642.7 | 653.2 | 667.4 | 695.9  | 717.2  | 719.5  |
| 157.5° | 604.8 | 612.0 | 619.0 | 620.8 | 631.6 | 646.1 | 653.2 | 664.3 | 686.4  | 703.0  | 704.6  |
| 160°   | 615.0 | 620.6 | 626.1 | 627.4 | 636.0 | 647.5 | 653.2 | 662.7 | 681.6  | 695.8  | 696.8  |
| 162.5° | 625.2 | 629.4 | 633.5 | 634.6 | 640.8 | 649.1 | 653.2 | 661.2 | 677.2  | 689.2  | 690.1  |
| 165°   | 636.3 | 640.1 | 643.9 | 644.8 | 647.6 | 651.3 | 653.2 | 658.9 | 670.4  | 679.0  | 680.0  |
| 167.5° | 646.5 | 648.3 | 650.1 | 650.5 | 652.9 | 656.1 | 657.6 | 661.3 | 668.9  | 674.5  | 674.9  |
| 170°   | 653.2 | 655.0 | 656.8 | 657.2 | 657.3 | 657.5 | 657.6 | 661.3 | 668.9  | 674.5  | 674.5  |
| 172.5° | 656.8 | 657.1 | 657.5 | 657.6 | 657.6 | 657.6 | 657.6 | 660.6 | 666.5  | 671.0  | 670.6  |
| 175°   | 661.6 | 661.6 | 661.6 | 661.6 | 660.3 | 658.5 | 657.6 | 659.5 | 663.2  | 666.1  | 666.1  |
| 177.5° | 661.6 | 661.6 | 661.6 | 661.6 | 660.6 | 659.2 | 658.6 | 660.1 | 663.1  | 665.3  | 664.9  |
| 180°   | 661.6 | 661.6 | 661.6 | 661.6 | 661.6 | 661.6 | 661.6 | 661.6 | 661.6  | 661.6  | 661.6  |

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CATALOG NUMBER: SQ4-FA-075U-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°    | 16.9   | 16.9   | 16.9   | 16.9   | 16.9   | 22.5   | 30.0   | 33.7   | 28.9   | 19.5   | 12.4   |
| 92.5°  | 67.5   | 54.1   | 67.5   | 81.0   | 84.3   | 119.6  | 166.6  | 190.0  | 166.8  | 120.4  | 85.7   |
| 95°    | 235.6  | 194.9  | 235.6  | 276.3  | 286.4  | 376.1  | 495.7  | 555.5  | 469.2  | 296.4  | 166.9  |
| 97.5°  | 564.5  | 487.1  | 564.5  | 641.9  | 661.2  | 718.0  | 793.5  | 831.3  | 687.3  | 399.4  | 183.4  |
| 100°   | 813.3  | 721.1  | 813.3  | 905.5  | 928.5  | 924.4  | 918.9  | 916.1  | 756.4  | 436.8  | 197.2  |
| 102.5° | 1058.1 | 979.2  | 1058.1 | 1137.0 | 1156.8 | 1084.6 | 988.2  | 940.1  | 778.0  | 454.0  | 211.0  |
| 105°   | 1370.1 | 1327.7 | 1370.1 | 1412.6 | 1423.2 | 1261.3 | 1045.3 | 937.4  | 780.5  | 466.7  | 231.4  |
| 107.5° | 1574.6 | 1584.8 | 1574.6 | 1564.4 | 1561.8 | 1335.9 | 1034.7 | 884.1  | 745.8  | 469.1  | 261.6  |
| 110°   | 1652.5 | 1696.7 | 1652.5 | 1608.4 | 1597.3 | 1344.8 | 1008.1 | 839.7  | 715.0  | 465.5  | 278.4  |

TEST NUMBER: P934790

CATALOG NUMBER: SQ4-FA-075U-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° | 1659.5 | 1727.4 | 1659.5 | 1591.6 | 1574.6 | 1316.2 | 971.6 | 799.3 | 688.1 | 465.7 | 298.8  |
| 115°   | 1615.5 | 1709.6 | 1615.5 | 1521.3 | 1497.8 | 1248.9 | 916.9 | 750.9 | 657.2 | 470.0 | 329.5  |
| 117.5° | 1522.2 | 1626.6 | 1522.2 | 1417.8 | 1391.7 | 1167.0 | 867.4 | 717.6 | 637.9 | 478.7 | 359.3  |
| 120°   | 1447.0 | 1548.4 | 1447.0 | 1345.6 | 1320.2 | 1114.9 | 841.2 | 704.3 | 631.4 | 485.8 | 376.6  |
| 122.5° | 1373.8 | 1473.9 | 1373.8 | 1273.7 | 1248.7 | 1063.8 | 817.3 | 694.1 | 628.1 | 496.0 | 397.0  |
| 125°   | 1269.4 | 1361.5 | 1269.4 | 1177.1 | 1154.1 | 997.1  | 787.7 | 683.0 | 625.2 | 509.8 | 423.2  |
| 127.5° | 1175.4 | 1253.2 | 1175.4 | 1097.7 | 1078.2 | 943.3  | 763.5 | 673.7 | 623.6 | 523.5 | 448.5  |
| 130°   | 1120.0 | 1191.8 | 1120.0 | 1048.2 | 1030.3 | 910.2  | 750.2 | 670.1 | 624.7 | 533.7 | 465.4  |
| 132.5° | 1069.8 | 1134.2 | 1069.8 | 1005.4 | 989.4  | 881.9  | 738.6 | 667.0 | 625.2 | 541.8 | 479.1  |
| 135°   | 1000.9 | 1056.4 | 1000.9 | 945.4  | 931.6  | 841.6  | 721.6 | 661.6 | 624.7 | 550.7 | 495.2  |
| 137.5° | 945.7  | 991.2  | 945.7  | 900.4  | 889.0  | 812.9  | 711.5 | 660.8 | 628.5 | 563.9 | 515.5  |
| 140°   | 907.9  | 950.3  | 907.9  | 865.4  | 854.8  | 789.1  | 701.4 | 657.6 | 629.2 | 572.1 | 529.4  |
| 142.5° | 876.5  | 913.0  | 876.5  | 840.0  | 830.8  | 773.1  | 696.1 | 657.6 | 631.4 | 578.9 | 539.6  |
| 145°   | 829.4  | 857.0  | 829.4  | 801.7  | 794.8  | 747.7  | 684.7 | 653.2 | 631.4 | 587.8 | 555.0  |
| 147.5° | 793.2  | 816.1  | 793.2  | 770.4  | 764.7  | 727.5  | 678.0 | 653.2 | 635.7 | 600.8 | 574.6  |
| 150°   | 770.6  | 789.1  | 770.6  | 752.1  | 747.4  | 716.0  | 674.1 | 653.2 | 638.0 | 607.7 | 584.8  |
| 152.5° | 751.1  | 765.1  | 751.1  | 737.2  | 733.6  | 706.8  | 671.1 | 653.2 | 639.5 | 612.1 | 591.5  |
| 155°   | 728.8  | 738.0  | 728.8  | 719.5  | 717.2  | 695.9  | 667.4 | 653.2 | 642.7 | 621.8 | 606.1  |
| 157.5° | 711.1  | 717.6  | 711.1  | 704.6  | 703.0  | 686.4  | 664.3 | 653.2 | 646.1 | 631.6 | 620.8  |
| 160°   | 700.5  | 704.3  | 700.5  | 696.8  | 695.8  | 681.6  | 662.7 | 653.2 | 647.5 | 636.0 | 627.4  |
| 162.5° | 693.6  | 697.2  | 693.6  | 690.1  | 689.2  | 677.2  | 661.2 | 653.2 | 649.1 | 640.8 | 634.6  |
| 165°   | 683.7  | 687.4  | 683.7  | 680.0  | 679.0  | 670.4  | 658.9 | 653.2 | 651.3 | 647.6 | 644.8  |
| 167.5° | 676.5  | 678.0  | 676.5  | 674.9  | 674.5  | 668.9  | 661.3 | 657.6 | 656.1 | 652.9 | 650.5  |
| 170°   | 674.5  | 674.5  | 674.5  | 674.5  | 674.5  | 668.9  | 661.3 | 657.6 | 657.5 | 657.3 | 657.2  |
| 172.5° | 669.3  | 667.8  | 669.3  | 670.6  | 671.0  | 666.5  | 660.6 | 657.6 | 657.6 | 657.6 | 657.6  |
| 175°   | 666.1  | 666.1  | 666.1  | 666.1  | 666.1  | 663.2  | 659.5 | 657.6 | 658.5 | 660.3 | 661.6  |
| 177.5° | 663.2  | 661.6  | 663.2  | 664.9  | 665.3  | 663.1  | 660.1 | 658.6 | 659.2 | 660.6 | 661.6  |
| 180°   | 661.6  | 661.6  | 661.6  | 661.6  | 661.6  | 661.6  | 661.6 | 661.6 | 661.6 | 661.6 | 661.6  |

TEST NUMBER: P934790

CATALOG NUMBER: SQ4-FA-075U-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°    | 11.6   | 7.9    | 4.4    | 7.9    | 11.6   | 12.4   | 19.5   | 28.9   | 33.7   | 30.0   | 22.5   |
| 92.5°  | 78.1   | 47.9   | 17.8   | 47.9   | 78.1   | 85.7   | 120.4  | 166.8  | 190.0  | 166.6  | 119.6  |
| 95°    | 153.1  | 97.9   | 42.6   | 97.9   | 153.1  | 166.9  | 296.4  | 469.2  | 555.5  | 495.7  | 376.1  |
| 97.5°  | 171.1  | 122.4  | 73.7   | 122.4  | 171.1  | 183.4  | 399.4  | 687.3  | 831.3  | 793.5  | 718.0  |
| 100°   | 186.1  | 141.9  | 97.7   | 141.9  | 186.1  | 197.2  | 436.8  | 756.4  | 916.1  | 918.9  | 924.4  |
| 102.5° | 200.6  | 159.4  | 118.1  | 159.4  | 200.6  | 211.0  | 454.0  | 778.0  | 940.1  | 988.2  | 1084.6 |
| 105°   | 222.7  | 187.8  | 152.8  | 187.8  | 222.7  | 231.4  | 466.7  | 780.5  | 937.4  | 1045.3 | 1261.3 |
| 107.5° | 253.5  | 220.9  | 188.3  | 220.9  | 253.5  | 261.6  | 469.1  | 745.8  | 884.1  | 1034.7 | 1335.9 |
| 110°   | 271.0  | 241.7  | 212.3  | 241.7  | 271.0  | 278.4  | 465.5  | 715.0  | 839.7  | 1008.1 | 1344.8 |

TEST NUMBER: P934790

CATALOG NUMBER: SQ4-FA-075U-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° | 291.8 | 263.8 | 235.8 | 263.8 | 291.8 | 298.8  | 465.7 | 688.1 | 799.3 | 971.6 | 1316.2 |
| 115°   | 323.0 | 297.2 | 271.3 | 297.2 | 323.0 | 329.5  | 470.0 | 657.2 | 750.9 | 916.9 | 1248.9 |
| 117.5° | 353.3 | 329.9 | 306.4 | 329.9 | 353.3 | 359.3  | 478.7 | 637.9 | 717.6 | 867.4 | 1167.0 |
| 120°   | 371.0 | 349.0 | 326.8 | 349.0 | 371.0 | 376.6  | 485.8 | 631.4 | 704.3 | 841.2 | 1114.9 |
| 122.5° | 391.5 | 369.1 | 346.9 | 369.1 | 391.5 | 397.0  | 496.0 | 628.1 | 694.1 | 817.3 | 1063.8 |
| 125°   | 418.1 | 397.8 | 377.4 | 397.8 | 418.1 | 423.2  | 509.8 | 625.2 | 683.0 | 787.7 | 997.1  |
| 127.5° | 443.3 | 422.9 | 402.3 | 422.9 | 443.3 | 448.5  | 523.5 | 623.6 | 673.7 | 763.5 | 943.3  |
| 130°   | 459.8 | 437.8 | 415.6 | 437.8 | 459.8 | 465.4  | 533.7 | 624.7 | 670.1 | 750.2 | 910.2  |
| 132.5° | 473.6 | 451.5 | 429.4 | 451.5 | 473.6 | 479.1  | 541.8 | 625.2 | 667.0 | 738.6 | 881.9  |
| 135°   | 490.1 | 470.0 | 449.8 | 470.0 | 490.1 | 495.2  | 550.7 | 624.7 | 661.6 | 721.6 | 841.6  |
| 137.5° | 510.5 | 490.6 | 470.7 | 490.6 | 510.5 | 515.5  | 563.9 | 628.5 | 660.8 | 711.5 | 812.9  |
| 140°   | 524.8 | 506.3 | 488.0 | 506.3 | 524.8 | 529.4  | 572.1 | 629.2 | 657.6 | 701.4 | 789.1  |
| 142.5° | 535.4 | 518.4 | 501.4 | 518.4 | 535.4 | 539.6  | 578.9 | 631.4 | 657.6 | 696.1 | 773.1  |
| 145°   | 551.3 | 536.6 | 521.8 | 536.6 | 551.3 | 555.0  | 587.8 | 631.4 | 653.2 | 684.7 | 747.7  |
| 147.5° | 571.0 | 556.6 | 542.2 | 556.6 | 571.0 | 574.6  | 600.8 | 635.7 | 653.2 | 678.0 | 727.5  |
| 150°   | 581.6 | 568.5 | 555.5 | 568.5 | 581.6 | 584.8  | 607.7 | 638.0 | 653.2 | 674.1 | 716.0  |
| 152.5° | 589.0 | 579.2 | 569.3 | 579.2 | 589.0 | 591.5  | 612.1 | 639.5 | 653.2 | 671.1 | 706.8  |
| 155°   | 604.3 | 597.0 | 589.7 | 597.0 | 604.3 | 606.1  | 621.8 | 642.7 | 653.2 | 667.4 | 695.9  |
| 157.5° | 619.0 | 612.0 | 604.8 | 612.0 | 619.0 | 620.8  | 631.6 | 646.1 | 653.2 | 664.3 | 686.4  |
| 160°   | 626.1 | 620.6 | 615.0 | 620.6 | 626.1 | 627.4  | 636.0 | 647.5 | 653.2 | 662.7 | 681.6  |
| 162.5° | 633.5 | 629.4 | 625.2 | 629.4 | 633.5 | 634.6  | 640.8 | 649.1 | 653.2 | 661.2 | 677.2  |
| 165°   | 643.9 | 640.1 | 636.3 | 640.1 | 643.9 | 644.8  | 647.6 | 651.3 | 653.2 | 658.9 | 670.4  |
| 167.5° | 650.1 | 648.3 | 646.5 | 648.3 | 650.1 | 650.5  | 652.9 | 656.1 | 657.6 | 661.3 | 668.9  |
| 170°   | 656.8 | 655.0 | 653.2 | 655.0 | 656.8 | 657.2  | 657.3 | 657.5 | 657.6 | 661.3 | 668.9  |
| 172.5° | 657.5 | 657.1 | 656.8 | 657.1 | 657.5 | 657.6  | 657.6 | 657.6 | 657.6 | 660.6 | 666.5  |
| 175°   | 661.6 | 661.6 | 661.6 | 661.6 | 661.6 | 661.6  | 660.3 | 658.5 | 657.6 | 659.5 | 663.2  |
| 177.5° | 661.6 | 661.6 | 661.6 | 661.6 | 661.6 | 661.6  | 660.6 | 659.2 | 658.6 | 660.1 | 663.1  |
| 180°   | 661.6 | 661.6 | 661.6 | 661.6 | 661.6 | 661.6  | 661.6 | 661.6 | 661.6 | 661.6 | 661.6  |

TEST NUMBER: P934790

CATALOG NUMBER: SQ4-FA-075U-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°    | 16.9   | 16.9   | 16.9   | 16.9   | 16.9   | 16.9   | 16.9   | 22.5   | 30.0   | 33.7   | 28.9   |
| 92.5°  | 84.3   | 81.0   | 67.5   | 54.1   | 67.5   | 81.0   | 84.3   | 119.6  | 166.6  | 190.0  | 166.8  |
| 95°    | 286.4  | 276.3  | 235.6  | 194.9  | 235.6  | 276.3  | 286.4  | 376.1  | 495.7  | 555.5  | 469.2  |
| 97.5°  | 661.2  | 641.9  | 564.5  | 487.1  | 564.5  | 641.9  | 661.2  | 718.0  | 793.5  | 831.3  | 687.3  |
| 100°   | 928.5  | 905.5  | 813.3  | 721.1  | 813.3  | 905.5  | 928.5  | 924.4  | 918.9  | 916.1  | 756.4  |
| 102.5° | 1156.8 | 1137.0 | 1058.1 | 979.2  | 1058.1 | 1137.0 | 1156.8 | 1084.6 | 988.2  | 940.1  | 778.0  |
| 105°   | 1423.2 | 1412.6 | 1370.1 | 1327.7 | 1370.1 | 1412.6 | 1423.2 | 1261.3 | 1045.3 | 937.4  | 780.5  |
| 107.5° | 1561.8 | 1564.4 | 1574.6 | 1584.8 | 1574.6 | 1564.4 | 1561.8 | 1335.9 | 1034.7 | 884.1  | 745.8  |
| 110°   | 1597.3 | 1608.4 | 1652.5 | 1696.7 | 1652.5 | 1608.4 | 1597.3 | 1344.8 | 1008.1 | 839.7  | 715.0  |

TEST NUMBER: P934790

CATALOG NUMBER: SQ4-FA-075U-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° | 1574.6 | 1591.6 | 1659.5 | 1727.4 | 1659.5 | 1591.6 | 1574.6 | 1316.2 | 971.6 | 799.3 | 688.1 |
| 115°   | 1497.8 | 1521.3 | 1615.5 | 1709.6 | 1615.5 | 1521.3 | 1497.8 | 1248.9 | 916.9 | 750.9 | 657.2 |
| 117.5° | 1391.7 | 1417.8 | 1522.2 | 1626.6 | 1522.2 | 1417.8 | 1391.7 | 1167.0 | 867.4 | 717.6 | 637.9 |
| 120°   | 1320.2 | 1345.6 | 1447.0 | 1548.4 | 1447.0 | 1345.6 | 1320.2 | 1114.9 | 841.2 | 704.3 | 631.4 |
| 122.5° | 1248.7 | 1273.7 | 1373.8 | 1473.9 | 1373.8 | 1273.7 | 1248.7 | 1063.8 | 817.3 | 694.1 | 628.1 |
| 125°   | 1154.1 | 1177.1 | 1269.4 | 1361.5 | 1269.4 | 1177.1 | 1154.1 | 997.1  | 787.7 | 683.0 | 625.2 |
| 127.5° | 1078.2 | 1097.7 | 1175.4 | 1253.2 | 1175.4 | 1097.7 | 1078.2 | 943.3  | 763.5 | 673.7 | 623.6 |
| 130°   | 1030.3 | 1048.2 | 1120.0 | 1191.8 | 1120.0 | 1048.2 | 1030.3 | 910.2  | 750.2 | 670.1 | 624.7 |
| 132.5° | 989.4  | 1005.4 | 1069.8 | 1134.2 | 1069.8 | 1005.4 | 989.4  | 881.9  | 738.6 | 667.0 | 625.2 |
| 135°   | 931.6  | 945.4  | 1000.9 | 1056.4 | 1000.9 | 945.4  | 931.6  | 841.6  | 721.6 | 661.6 | 624.7 |
| 137.5° | 889.0  | 900.4  | 945.7  | 991.2  | 945.7  | 900.4  | 889.0  | 812.9  | 711.5 | 660.8 | 628.5 |
| 140°   | 854.8  | 865.4  | 907.9  | 950.3  | 907.9  | 865.4  | 854.8  | 789.1  | 701.4 | 657.6 | 629.2 |
| 142.5° | 830.8  | 840.0  | 876.5  | 913.0  | 876.5  | 840.0  | 830.8  | 773.1  | 696.1 | 657.6 | 631.4 |
| 145°   | 794.8  | 801.7  | 829.4  | 857.0  | 829.4  | 801.7  | 794.8  | 747.7  | 684.7 | 653.2 | 631.4 |
| 147.5° | 764.7  | 770.4  | 793.2  | 816.1  | 793.2  | 770.4  | 764.7  | 727.5  | 678.0 | 653.2 | 635.7 |
| 150°   | 747.4  | 752.1  | 770.6  | 789.1  | 770.6  | 752.1  | 747.4  | 716.0  | 674.1 | 653.2 | 638.0 |
| 152.5° | 733.6  | 737.2  | 751.1  | 765.1  | 751.1  | 737.2  | 733.6  | 706.8  | 671.1 | 653.2 | 639.5 |
| 155°   | 717.2  | 719.5  | 728.8  | 738.0  | 728.8  | 719.5  | 717.2  | 695.9  | 667.4 | 653.2 | 642.7 |
| 157.5° | 703.0  | 704.6  | 711.1  | 717.6  | 711.1  | 704.6  | 703.0  | 686.4  | 664.3 | 653.2 | 646.1 |
| 160°   | 695.8  | 696.8  | 700.5  | 704.3  | 700.5  | 696.8  | 695.8  | 681.6  | 662.7 | 653.2 | 647.5 |
| 162.5° | 689.2  | 690.1  | 693.6  | 697.2  | 693.6  | 690.1  | 689.2  | 677.2  | 661.2 | 653.2 | 649.1 |
| 165°   | 679.0  | 680.0  | 683.7  | 687.4  | 683.7  | 680.0  | 679.0  | 670.4  | 658.9 | 653.2 | 651.3 |
| 167.5° | 674.5  | 674.9  | 676.5  | 678.0  | 676.5  | 674.9  | 674.5  | 668.9  | 661.3 | 657.6 | 656.1 |
| 170°   | 674.5  | 674.5  | 674.5  | 674.5  | 674.5  | 674.5  | 674.5  | 668.9  | 661.3 | 657.6 | 657.5 |
| 172.5° | 671.0  | 670.6  | 669.3  | 667.8  | 669.3  | 670.6  | 671.0  | 666.5  | 660.6 | 657.6 | 657.6 |
| 175°   | 666.1  | 666.1  | 666.1  | 666.1  | 666.1  | 666.1  | 666.1  | 663.2  | 659.5 | 657.6 | 658.5 |
| 177.5° | 665.3  | 664.9  | 663.2  | 661.6  | 663.2  | 664.9  | 665.3  | 663.1  | 660.1 | 658.6 | 659.2 |
| 180°   | 661.6  | 661.6  | 661.6  | 661.6  | 661.6  | 661.6  | 661.6  | 661.6  | 661.6 | 661.6 | 661.6 |

TEST NUMBER: P934790

CATALOG NUMBER: SQ4-FA-075U-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°    | 19.5   | 12.4   | 11.6   | 7.9    | 4.4    |
| 92.5°  | 120.4  | 85.7   | 78.1   | 47.9   | 17.8   |
| 95°    | 296.4  | 166.9  | 153.1  | 97.9   | 42.6   |
| 97.5°  | 399.4  | 183.4  | 171.1  | 122.4  | 73.7   |
| 100°   | 436.8  | 197.2  | 186.1  | 141.9  | 97.7   |
| 102.5° | 454.0  | 211.0  | 200.6  | 159.4  | 118.1  |
| 105°   | 466.7  | 231.4  | 222.7  | 187.8  | 152.8  |
| 107.5° | 469.1  | 261.6  | 253.5  | 220.9  | 188.3  |
| 110°   | 465.5  | 278.4  | 271.0  | 241.7  | 212.3  |



TEST NUMBER: P934790

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

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 465.7 | 298.8  | 291.8 | 263.8 | 235.8 |
| 115°   | 470.0 | 329.5  | 323.0 | 297.2 | 271.3 |
| 117.5° | 478.7 | 359.3  | 353.3 | 329.9 | 306.4 |
| 120°   | 485.8 | 376.6  | 371.0 | 349.0 | 326.8 |
| 122.5° | 496.0 | 397.0  | 391.5 | 369.1 | 346.9 |
| 125°   | 509.8 | 423.2  | 418.1 | 397.8 | 377.4 |
| 127.5° | 523.5 | 448.5  | 443.3 | 422.9 | 402.3 |
| 130°   | 533.7 | 465.4  | 459.8 | 437.8 | 415.6 |
| 132.5° | 541.8 | 479.1  | 473.6 | 451.5 | 429.4 |
| 135°   | 550.7 | 495.2  | 490.1 | 470.0 | 449.8 |
| 137.5° | 563.9 | 515.5  | 510.5 | 490.6 | 470.7 |
| 140°   | 572.1 | 529.4  | 524.8 | 506.3 | 488.0 |
| 142.5° | 578.9 | 539.6  | 535.4 | 518.4 | 501.4 |
| 145°   | 587.8 | 555.0  | 551.3 | 536.6 | 521.8 |
| 147.5° | 600.8 | 574.6  | 571.0 | 556.6 | 542.2 |
| 150°   | 607.7 | 584.8  | 581.6 | 568.5 | 555.5 |
| 152.5° | 612.1 | 591.5  | 589.0 | 579.2 | 569.3 |
| 155°   | 621.8 | 606.1  | 604.3 | 597.0 | 589.7 |
| 157.5° | 631.6 | 620.8  | 619.0 | 612.0 | 604.8 |
| 160°   | 636.0 | 627.4  | 626.1 | 620.6 | 615.0 |
| 162.5° | 640.8 | 634.6  | 633.5 | 629.4 | 625.2 |
| 165°   | 647.6 | 644.8  | 643.9 | 640.1 | 636.3 |
| 167.5° | 652.9 | 650.5  | 650.1 | 648.3 | 646.5 |
| 170°   | 657.3 | 657.2  | 656.8 | 655.0 | 653.2 |
| 172.5° | 657.6 | 657.6  | 657.5 | 657.1 | 656.8 |
| 175°   | 660.3 | 661.6  | 661.6 | 661.6 | 661.6 |
| 177.5° | 660.6 | 661.6  | 661.6 | 661.6 | 661.6 |
| 180°   | 661.6 | 661.6  | 661.6 | 661.6 | 661.6 |

TEST NUMBER: P934790

CATALOG NUMBER: SQ4-FA-075U-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 | 12.37            | 13.21 | 13.34 | 14.20 | 15.50 | 15.19          | 16.03 | 16.17 | 17.02 | 18.33 |
|                 | 3H   | 12.84            | 13.60 | 13.83 | 14.60 | 15.92 | 16.54          | 17.29 | 17.52 | 18.29 | 19.61 |
|                 | 4H   | 13.03            | 13.75 | 14.03 | 14.75 | 16.08 | 16.98          | 17.69 | 17.98 | 18.69 | 20.03 |
|                 | 6H   | 13.15            | 13.81 | 14.16 | 14.82 | 16.16 | 17.26          | 17.92 | 18.27 | 18.92 | 20.27 |
|                 | 8H   | 13.15            | 13.78 | 14.17 | 14.80 | 16.14 | 17.33          | 17.96 | 18.35 | 18.98 | 20.32 |
|                 | 12H  | 13.12            | 13.72 | 14.15 | 14.74 | 16.10 | 17.37          | 17.97 | 18.39 | 18.98 | 20.35 |
| 4H              | 2H   | 13.40            | 14.11 | 14.40 | 15.11 | 16.45 | 15.60          | 16.31 | 16.61 | 17.32 | 18.65 |
|                 | 3H   | 14.42            | 15.02 | 15.44 | 16.05 | 17.39 | 17.10          | 17.70 | 18.12 | 18.73 | 20.07 |
|                 | 4H   | 14.70            | 15.24 | 15.72 | 16.27 | 17.63 | 17.63          | 18.17 | 18.65 | 19.20 | 20.56 |
|                 | 6H   | 14.82            | 15.29 | 15.86 | 16.34 | 17.70 | 17.99          | 18.46 | 19.03 | 19.51 | 20.87 |
|                 | 8H   | 14.83            | 15.26 | 15.86 | 16.30 | 17.68 | 18.10          | 18.53 | 19.13 | 19.57 | 20.95 |
|                 | 12H  | 14.79            | 15.19 | 15.85 | 16.24 | 17.63 | 18.15          | 18.55 | 19.21 | 19.60 | 20.99 |
| 8H              | 4H   | 15.15            | 15.59 | 16.18 | 16.63 | 18.01 | 17.75          | 18.19 | 18.79 | 19.23 | 20.61 |
|                 | 6H   | 15.41            | 15.77 | 16.47 | 16.85 | 18.23 | 18.19          | 18.55 | 19.24 | 19.63 | 21.01 |
|                 | 8H   | 15.45            | 15.77 | 16.52 | 16.84 | 18.23 | 18.34          | 18.65 | 19.40 | 19.72 | 21.12 |
|                 | 12H  | 15.44            | 15.72 | 16.51 | 16.78 | 18.21 | 18.43          | 18.71 | 19.50 | 19.77 | 21.21 |
| 12H             | 4H   | 15.15            | 15.55 | 16.21 | 16.60 | 17.99 | 17.72          | 18.11 | 18.77 | 19.16 | 20.55 |
|                 | 6H   | 15.47            | 15.79 | 16.54 | 16.85 | 18.25 | 18.18          | 18.50 | 19.25 | 19.57 | 20.96 |
|                 | 8H   | 15.54            | 15.82 | 16.61 | 16.88 | 18.32 | 18.34          | 18.62 | 19.41 | 19.68 | 21.12 |

END OF REPORT