

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: P934788

Luminaire Tested: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P934788  
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-6-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

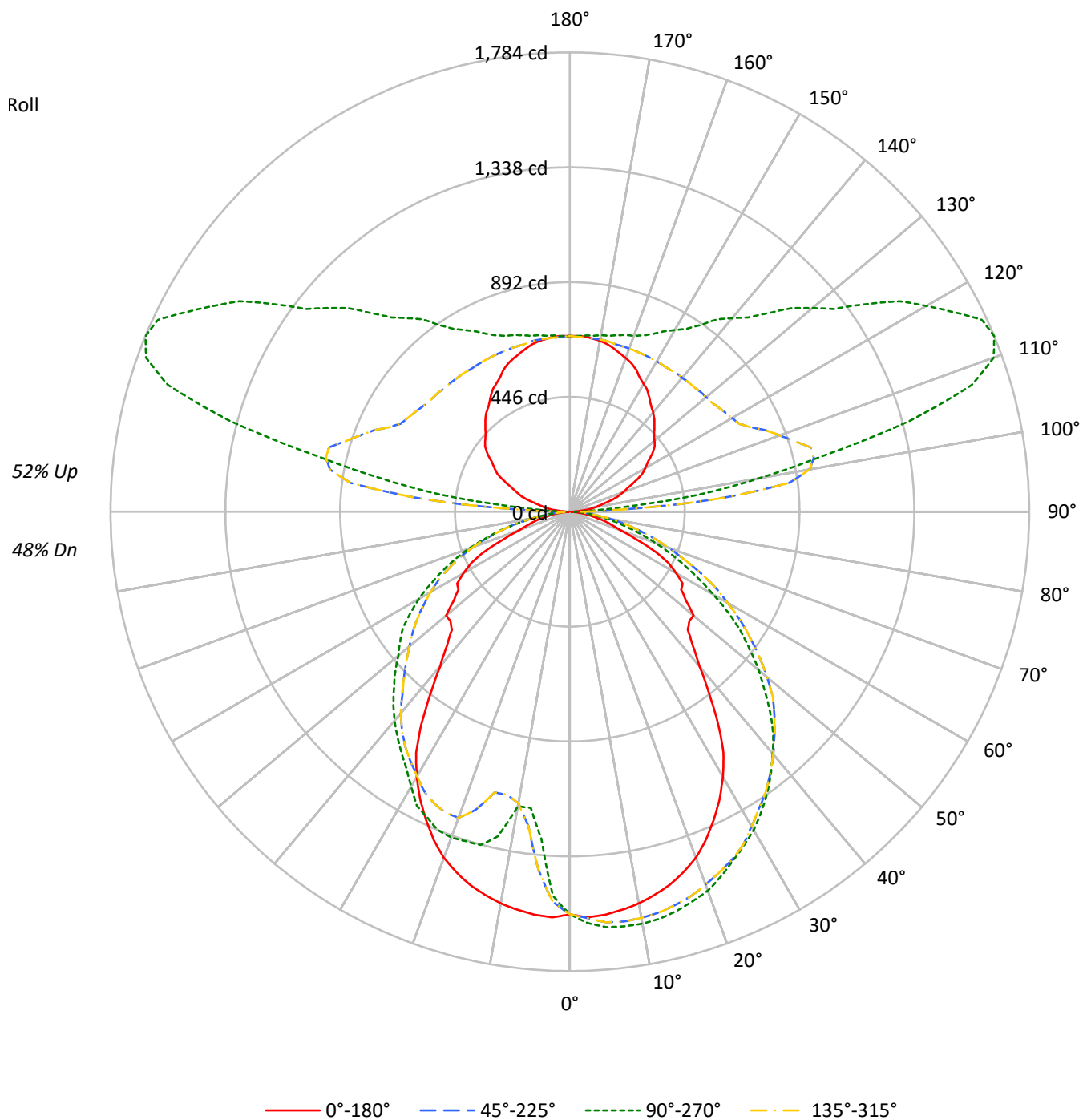
Lumens per Lamp: N/A  
Luminaire Lumens: 8484.5 lumens  
Efficiency: N/A  
Efficacy: 133.4 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse

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: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

### Luminous Intensity Polar Plot



TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 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 |
| 1   | 97  | 93  | 89  | 86  | 89 | 86 | 82 | 79 | 72 | 70 | 68 | 60 | 58 | 56 | 48 | 47 | 46 |
| 2   | 89  | 81  | 75  | 70  | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 40 | 39 |
| 3   | 81  | 71  | 64  | 58  | 74 | 66 | 60 | 54 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 |
| 4   | 74  | 63  | 55  | 49  | 68 | 58 | 52 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 31 | 28 |
| 5   | 68  | 56  | 48  | 42  | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 37 | 33 | 29 | 30 | 27 | 25 |
| 6   | 62  | 50  | 42  | 37  | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 |
| 7   | 58  | 45  | 38  | 32  | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 19 |
| 8   | 54  | 41  | 33  | 28  | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 |
| 9   | 50  | 38  | 30  | 25  | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 15 |
| 10  | 46  | 34  | 27  | 22  | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 9671 | 9671 | 9671 | 9671 |
| 5°  | 9740 | 9762 | 9740 | 7676 |
| 10° | 9671 | 9616 | 9671 | 6875 |
| 15° | 9562 | 9408 | 9562 | 7856 |
| 20° | 9358 | 9161 | 9358 | 7872 |
| 25° | 8945 | 8801 | 8945 | 7705 |
| 30° | 8413 | 8502 | 8413 | 7339 |
| 35° | 7496 | 8124 | 7496 | 6937 |
| 40° | 6243 | 7679 | 6243 | 6633 |
| 45° | 5574 | 7158 | 5574 | 6283 |
| 50° | 5918 | 6537 | 5918 | 5932 |
| 55° | 5562 | 5868 | 5562 | 5728 |
| 60° | 5726 | 4984 | 5726 | 5247 |
| 65° | 5184 | 4119 | 5184 | 4605 |
| 70° | 3582 | 3283 | 3582 | 3860 |
| 75° | 3128 | 2427 | 3128 | 2907 |
| 80° | 2503 | 1604 | 2503 | 1747 |
| 85° | 1413 | 850  | 1413 | 723  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8549 cd/sqm

TEST NUMBER: P934788

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 141.1  | 1.7       |
| 10°-20°   | 400.7  | 4.7       |
| 20°-30°   | 619.4  | 7.3       |
| 30°-40°   | 739.4  | 8.7       |
| 40°-50°   | 743.7  | 8.8       |
| 50°-60°   | 647.1  | 7.6       |
| 60°-70°   | 458.8  | 5.4       |
| 70°-80°   | 242.7  | 2.9       |
| 80°-90°   | 63.1   | 0.7       |
| 90°-100°  | 333.0  | 3.9       |
| 100°-110° | 875.5  | 10.3      |
| 110°-120° | 907.8  | 10.7      |
| 120°-130° | 728.1  | 8.6       |
| 130°-140° | 571.3  | 6.7       |
| 140°-150° | 438.5  | 5.2       |
| 150°-160° | 315.8  | 3.7       |
| 160°-170° | 193.2  | 2.3       |
| 170°-180° | 65.3   | 0.8       |
| 0°-30°    | 1161.1 | 13.7      |
| 0°-40°    | 1900.5 | 22.4      |
| 0°-60°    | 3291.4 | 38.8      |
| 0°-90°    | 4056.0 | 47.8      |
| 90°-120°  | 2116.2 | 24.9      |
| 90°-150°  | 3854.2 | 45.4      |
| 90°-180°  | 4428.0 | 52.2      |
| 0°-180°   | 8484.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1563 | 1563 | 1563 | 1563 | 1563 |      |
| 5°   | 1571 | 1620 | 1571 | 1273 | 1571 | 149  |
| 15°  | 1500 | 1605 | 1500 | 1340 | 1500 | 422  |
| 25°  | 1321 | 1497 | 1321 | 1310 | 1321 | 606  |
| 35°  | 1004 | 1336 | 1004 | 1140 | 1004 | 621  |
| 45°  | 648  | 1100 | 648  | 966  | 648  | 519  |
| 55°  | 528  | 812  | 528  | 793  | 528  | 485  |
| 65°  | 367  | 490  | 367  | 547  | 367  | 351  |
| 75°  | 139  | 232  | 139  | 278  | 139  | 146  |
| 85°  | 24   | 59   | 24   | 50   | 24   | 32   |
| 90°  | 4    | 18   | 4    | 18   | 4    | 5    |
| 95°  | 44   | 201  | 44   | 201  | 44   | 49   |
| 105° | 158  | 1371 | 158  | 1371 | 158  | 167  |
| 115° | 280  | 1765 | 280  | 1765 | 280  | 277  |
| 125° | 390  | 1406 | 390  | 1406 | 390  | 346  |
| 135° | 464  | 1091 | 464  | 1091 | 464  | 359  |
| 145° | 539  | 885  | 539  | 885  | 539  | 338  |
| 155° | 609  | 762  | 609  | 762  | 609  | 280  |
| 165° | 657  | 710  | 657  | 710  | 657  | 185  |
| 175° | 683  | 688  | 683  | 688  | 683  | 65   |
| 180° | 683  | 683  | 683  | 683  | 683  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 |
| 2.5°   | 1576.6 | 1576.6 | 1585.5 | 1588.4 | 1588.4 | 1584.0 | 1579.6 | 1584.0 | 1597.3 | 1601.8 | 1600.3 |
| 5°     | 1570.7 | 1582.5 | 1598.8 | 1601.8 | 1604.7 | 1603.2 | 1600.3 | 1603.2 | 1618.0 | 1621.0 | 1622.5 |
| 7.5°   | 1558.9 | 1581.1 | 1601.8 | 1606.2 | 1610.6 | 1606.2 | 1604.7 | 1607.7 | 1622.5 | 1625.4 | 1625.4 |
| 10°    | 1544.1 | 1575.1 | 1598.8 | 1601.8 | 1606.2 | 1601.8 | 1601.8 | 1607.7 | 1622.5 | 1625.4 | 1626.9 |
| 12.5°  | 1523.4 | 1566.3 | 1588.4 | 1591.4 | 1597.3 | 1595.8 | 1594.4 | 1600.3 | 1615.1 | 1618.0 | 1618.0 |
| 15°    | 1499.7 | 1550.0 | 1570.7 | 1573.7 | 1584.0 | 1581.1 | 1581.1 | 1587.0 | 1603.2 | 1607.7 | 1606.2 |
| 17.5°  | 1467.2 | 1529.3 | 1553.0 | 1557.4 | 1564.8 | 1563.3 | 1564.8 | 1570.7 | 1585.5 | 1588.4 | 1589.9 |
| 20°    | 1430.2 | 1501.2 | 1529.3 | 1533.7 | 1541.1 | 1541.1 | 1541.1 | 1548.5 | 1563.3 | 1569.2 | 1569.2 |
| 22.5°  | 1379.9 | 1471.6 | 1501.2 | 1504.1 | 1513.0 | 1513.0 | 1516.0 | 1526.3 | 1539.6 | 1541.1 | 1541.1 |
| 25°    | 1320.7 | 1439.1 | 1464.2 | 1473.1 | 1482.0 | 1486.4 | 1490.8 | 1496.7 | 1501.2 | 1499.7 | 1501.2 |
| 27.5°  | 1258.6 | 1397.7 | 1430.2 | 1436.1 | 1447.9 | 1452.4 | 1458.3 | 1459.8 | 1461.3 | 1465.7 | 1462.7 |
| 30°    | 1189.1 | 1340.0 | 1388.8 | 1394.7 | 1413.9 | 1416.9 | 1411.0 | 1413.9 | 1421.3 | 1424.3 | 1427.2 |
| 32.5°  | 1110.7 | 1254.2 | 1345.9 | 1359.2 | 1376.9 | 1368.1 | 1366.6 | 1371.0 | 1382.9 | 1382.9 | 1385.8 |
| 35°    | 1004.2 | 1187.6 | 1306.0 | 1317.8 | 1331.1 | 1320.7 | 1326.7 | 1328.1 | 1335.5 | 1340.0 | 1338.5 |
| 37.5°  | 887.4  | 1130.0 | 1264.5 | 1273.4 | 1283.8 | 1270.5 | 1279.3 | 1283.8 | 1289.7 | 1286.7 | 1286.7 |
| 40°    | 783.9  | 1039.7 | 1215.7 | 1221.7 | 1230.5 | 1220.2 | 1229.0 | 1232.0 | 1235.0 | 1232.0 | 1230.5 |
| 42.5°  | 707.0  | 940.6  | 1164.0 | 1171.4 | 1165.5 | 1172.8 | 1175.8 | 1181.7 | 1177.3 | 1171.4 | 1171.4 |
| 45°    | 647.8  | 914.0  | 1107.8 | 1116.6 | 1107.8 | 1119.6 | 1124.0 | 1124.0 | 1110.7 | 1107.8 | 1106.3 |
| 47.5°  | 628.6  | 860.8  | 1051.6 | 1051.6 | 1047.1 | 1061.9 | 1069.3 | 1059.0 | 1045.7 | 1041.2 | 1041.2 |
| 50°    | 627.1  | 801.6  | 974.7  | 968.7  | 989.5  | 1007.2 | 999.8  | 989.5  | 979.1  | 962.8  | 962.8  |
| 52.5°  | 569.4  | 729.1  | 875.6  | 897.8  | 930.3  | 940.6  | 928.8  | 918.5  | 900.7  | 893.3  | 887.4  |
| 55°    | 528.0  | 653.7  | 785.3  | 829.7  | 863.7  | 877.0  | 854.9  | 844.5  | 817.9  | 813.4  | 810.5  |
| 57.5°  | 519.1  | 544.3  | 702.5  | 758.7  | 800.1  | 798.7  | 785.3  | 766.1  | 743.9  | 739.5  | 738.0  |
| 60°    | 476.2  | 393.4  | 613.8  | 680.3  | 723.2  | 718.8  | 707.0  | 689.2  | 668.5  | 665.6  | 662.6  |
| 62.5°  | 431.9  | 285.4  | 513.2  | 588.6  | 649.3  | 647.8  | 637.4  | 610.8  | 596.0  | 588.6  | 582.7  |
| 65°    | 366.8  | 239.6  | 365.3  | 489.5  | 576.8  | 579.8  | 557.6  | 538.4  | 522.1  | 513.2  | 511.7  |
| 67.5°  | 279.5  | 195.2  | 247.0  | 408.2  | 507.3  | 504.3  | 476.2  | 467.4  | 446.7  | 442.2  | 433.3  |
| 70°    | 207.1  | 130.2  | 171.6  | 331.3  | 439.3  | 431.9  | 409.7  | 399.3  | 380.1  | 369.8  | 363.8  |
| 72.5°  | 171.6  | 105.0  | 125.7  | 257.3  | 369.8  | 360.9  | 341.6  | 329.8  | 313.5  | 304.7  | 298.8  |
| 75°    | 139.0  | 110.9  | 96.1   | 190.8  | 300.2  | 294.3  | 276.6  | 264.7  | 251.4  | 239.6  | 241.1  |
| 77.5°  | 102.1  | 103.5  | 76.9   | 140.5  | 238.1  | 229.2  | 218.9  | 204.1  | 198.2  | 186.4  | 186.4  |
| 80°    | 76.9   | 81.3   | 57.7   | 96.1   | 171.6  | 171.6  | 162.7  | 152.3  | 142.0  | 136.1  | 136.1  |
| 82.5°  | 51.8   | 51.8   | 42.9   | 60.6   | 116.8  | 112.4  | 106.5  | 103.5  | 97.6   | 94.7   | 94.7   |
| 85°    | 23.7   | 29.6   | 26.6   | 37.0   | 63.6   | 66.6   | 66.6   | 63.6   | 62.1   | 59.2   | 60.6   |
| 87.5°  | 7.4    | 13.3   | 16.3   | 20.7   | 32.5   | 34.0   | 35.5   | 35.5   | 35.5   | 37.0   | 37.0   |
| 90°    | 4.5    | 8.2    | 11.9   | 12.8   | 20.1   | 29.9   | 34.8   | 31.0   | 23.3   | 17.5   | 17.5   |
| 92.5°  | 18.3   | 49.5   | 80.7   | 88.4   | 124.3  | 172.3  | 196.2  | 172.0  | 123.4  | 87.1   | 83.6   |
| 95°    | 44.0   | 101.1  | 158.1  | 172.4  | 306.1  | 484.4  | 573.6  | 511.8  | 388.3  | 295.7  | 285.2  |
| 97.5°  | 76.1   | 126.4  | 176.7  | 189.3  | 412.3  | 709.6  | 858.3  | 819.3  | 741.3  | 682.7  | 662.7  |
| 100°   | 100.9  | 146.5  | 192.2  | 203.6  | 451.0  | 780.9  | 945.9  | 948.7  | 954.4  | 958.7  | 934.9  |
| 102.5° | 122.0  | 164.6  | 207.2  | 217.8  | 468.7  | 803.3  | 970.6  | 1020.3 | 1119.8 | 1194.3 | 1173.9 |
| 105°   | 157.8  | 193.8  | 229.9  | 238.9  | 481.9  | 805.9  | 967.9  | 1079.3 | 1302.2 | 1469.4 | 1458.5 |
| 107.5° | 194.4  | 228.1  | 261.7  | 270.1  | 484.3  | 770.0  | 912.8  | 1068.3 | 1379.3 | 1612.5 | 1615.2 |
| 110°   | 219.2  | 249.6  | 279.8  | 287.4  | 480.6  | 738.2  | 867.0  | 1040.8 | 1388.5 | 1649.2 | 1660.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°    | 60°    | 67.5°  | 70°    |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 243.4 | 272.3 | 301.3 | 308.5 | 480.8 | 710.4 | 825.3 | 1003.2 | 1358.9 | 1625.7 | 1643.3 |
| 115°   | 280.1 | 306.8 | 333.5 | 340.2 | 485.2 | 678.6 | 775.3 | 946.7  | 1289.4 | 1546.4 | 1570.7 |
| 117.5° | 316.3 | 340.6 | 364.8 | 370.9 | 494.3 | 658.6 | 740.9 | 895.6  | 1204.9 | 1436.9 | 1463.8 |
| 120°   | 337.4 | 360.3 | 383.1 | 388.8 | 501.6 | 651.9 | 727.2 | 868.5  | 1151.1 | 1363.0 | 1389.3 |
| 122.5° | 358.1 | 381.1 | 404.2 | 409.9 | 512.1 | 648.5 | 716.6 | 843.8  | 1098.3 | 1289.2 | 1315.0 |
| 125°   | 389.7 | 410.7 | 431.7 | 436.9 | 526.3 | 645.5 | 705.2 | 813.3  | 1029.5 | 1191.6 | 1215.3 |
| 127.5° | 415.4 | 436.6 | 457.7 | 463.0 | 540.5 | 643.9 | 695.5 | 788.3  | 974.0  | 1113.2 | 1133.3 |
| 130°   | 429.1 | 452.0 | 474.8 | 480.5 | 551.0 | 644.9 | 691.9 | 774.5  | 939.8  | 1063.7 | 1082.2 |
| 132.5° | 443.3 | 466.2 | 489.0 | 494.7 | 559.4 | 645.5 | 688.6 | 762.6  | 910.6  | 1021.5 | 1038.1 |
| 135°   | 464.4 | 485.2 | 506.0 | 511.2 | 568.5 | 644.9 | 683.1 | 745.0  | 869.0  | 961.8  | 976.1  |
| 137.5° | 486.0 | 506.5 | 527.1 | 532.2 | 582.2 | 648.9 | 682.2 | 734.6  | 839.3  | 917.9  | 929.6  |
| 140°   | 503.8 | 522.8 | 541.8 | 546.5 | 590.7 | 649.6 | 679.0 | 724.2  | 814.7  | 882.6  | 893.5  |
| 142.5° | 517.6 | 535.2 | 552.8 | 557.1 | 597.7 | 651.8 | 679.0 | 718.7  | 798.2  | 857.8  | 867.3  |
| 145°   | 538.8 | 554.0 | 569.2 | 573.1 | 606.9 | 651.9 | 674.4 | 707.0  | 771.9  | 820.6  | 827.7  |
| 147.5° | 559.8 | 574.6 | 589.5 | 593.3 | 620.3 | 656.4 | 674.4 | 700.0  | 751.1  | 789.5  | 795.4  |
| 150°   | 573.6 | 587.0 | 600.5 | 603.8 | 627.4 | 658.7 | 674.4 | 696.0  | 739.2  | 771.6  | 776.5  |
| 152.5° | 587.8 | 598.0 | 608.2 | 610.7 | 631.9 | 660.2 | 674.4 | 692.9  | 729.7  | 757.4  | 761.1  |
| 155°   | 608.9 | 616.3 | 623.9 | 625.8 | 642.0 | 663.6 | 674.4 | 689.1  | 718.5  | 740.5  | 742.9  |
| 157.5° | 624.4 | 631.8 | 639.1 | 641.0 | 652.1 | 667.0 | 674.4 | 685.9  | 708.6  | 725.8  | 727.5  |
| 160°   | 635.0 | 640.7 | 646.4 | 647.8 | 656.7 | 668.5 | 674.4 | 684.2  | 703.7  | 718.4  | 719.4  |
| 162.5° | 645.5 | 649.9 | 654.1 | 655.2 | 661.6 | 670.2 | 674.4 | 682.7  | 699.2  | 711.6  | 712.5  |
| 165°   | 657.0 | 660.9 | 664.8 | 665.7 | 668.6 | 672.5 | 674.4 | 680.3  | 692.2  | 701.0  | 702.0  |
| 167.5° | 667.5 | 669.4 | 671.2 | 671.7 | 674.1 | 677.4 | 679.0 | 682.8  | 690.6  | 696.4  | 696.8  |
| 170°   | 674.4 | 676.3 | 678.1 | 678.6 | 678.7 | 678.9 | 679.0 | 682.8  | 690.6  | 696.4  | 696.4  |
| 172.5° | 678.1 | 678.5 | 678.9 | 679.0 | 679.0 | 679.0 | 679.0 | 682.0  | 688.1  | 692.8  | 692.4  |
| 175°   | 683.1 | 683.1 | 683.1 | 683.1 | 681.7 | 679.8 | 679.0 | 680.9  | 684.8  | 687.7  | 687.7  |
| 177.5° | 683.1 | 683.1 | 683.1 | 683.1 | 682.0 | 680.6 | 679.9 | 681.5  | 684.6  | 686.8  | 686.5  |
| 180°   | 683.1 | 683.1 | 683.1 | 683.1 | 683.1 | 683.1 | 683.1 | 683.1  | 683.1  | 683.1  | 683.1  |

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CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 |
| 2.5°   | 1603.2 | 1598.8 | 1603.2 | 1600.3 | 1601.8 | 1597.3 | 1584.0 | 1579.6 | 1584.0 | 1588.4 | 1588.4 |
| 5°     | 1622.5 | 1619.5 | 1622.5 | 1622.5 | 1621.0 | 1618.0 | 1603.2 | 1600.3 | 1603.2 | 1604.7 | 1601.8 |
| 7.5°   | 1628.4 | 1623.9 | 1628.4 | 1625.4 | 1625.4 | 1622.5 | 1607.7 | 1604.7 | 1606.2 | 1610.6 | 1606.2 |
| 10°    | 1628.4 | 1623.9 | 1628.4 | 1626.9 | 1625.4 | 1622.5 | 1607.7 | 1601.8 | 1601.8 | 1606.2 | 1601.8 |
| 12.5°  | 1621.0 | 1618.0 | 1621.0 | 1618.0 | 1618.0 | 1615.1 | 1600.3 | 1594.4 | 1595.8 | 1597.3 | 1591.4 |
| 15°    | 1609.2 | 1604.7 | 1609.2 | 1606.2 | 1607.7 | 1603.2 | 1587.0 | 1581.1 | 1581.1 | 1584.0 | 1573.7 |
| 17.5°  | 1591.4 | 1585.5 | 1591.4 | 1589.9 | 1588.4 | 1585.5 | 1570.7 | 1564.8 | 1563.3 | 1564.8 | 1557.4 |
| 20°    | 1570.7 | 1566.3 | 1570.7 | 1569.2 | 1569.2 | 1563.3 | 1548.5 | 1541.1 | 1541.1 | 1541.1 | 1533.7 |
| 22.5°  | 1538.2 | 1533.7 | 1538.2 | 1541.1 | 1541.1 | 1539.6 | 1526.3 | 1516.0 | 1513.0 | 1513.0 | 1504.1 |
| 25°    | 1501.2 | 1496.7 | 1501.2 | 1501.2 | 1499.7 | 1501.2 | 1496.7 | 1490.8 | 1486.4 | 1482.0 | 1473.1 |
| 27.5°  | 1465.7 | 1462.7 | 1465.7 | 1462.7 | 1465.7 | 1461.3 | 1459.8 | 1458.3 | 1452.4 | 1447.9 | 1436.1 |
| 30°    | 1430.2 | 1427.2 | 1430.2 | 1427.2 | 1424.3 | 1421.3 | 1413.9 | 1411.0 | 1416.9 | 1413.9 | 1394.7 |
| 32.5°  | 1385.8 | 1382.9 | 1385.8 | 1385.8 | 1382.9 | 1382.9 | 1371.0 | 1366.6 | 1368.1 | 1376.9 | 1359.2 |
| 35°    | 1340.0 | 1335.5 | 1340.0 | 1338.5 | 1340.0 | 1335.5 | 1328.1 | 1326.7 | 1320.7 | 1331.1 | 1317.8 |
| 37.5°  | 1286.7 | 1282.3 | 1286.7 | 1286.7 | 1286.7 | 1289.7 | 1283.8 | 1279.3 | 1270.5 | 1283.8 | 1273.4 |
| 40°    | 1232.0 | 1226.1 | 1232.0 | 1230.5 | 1232.0 | 1235.0 | 1232.0 | 1229.0 | 1220.2 | 1230.5 | 1221.7 |
| 42.5°  | 1169.9 | 1168.4 | 1169.9 | 1171.4 | 1171.4 | 1177.3 | 1181.7 | 1175.8 | 1172.8 | 1165.5 | 1171.4 |
| 45°    | 1103.3 | 1100.4 | 1103.3 | 1106.3 | 1107.8 | 1110.7 | 1124.0 | 1124.0 | 1119.6 | 1107.8 | 1116.6 |
| 47.5°  | 1032.3 | 1024.9 | 1032.3 | 1041.2 | 1041.2 | 1045.7 | 1059.0 | 1069.3 | 1061.9 | 1047.1 | 1051.6 |
| 50°    | 956.9  | 958.4  | 956.9  | 962.8  | 962.8  | 979.1  | 989.5  | 999.8  | 1007.2 | 989.5  | 968.7  |
| 52.5°  | 883.0  | 881.5  | 883.0  | 887.4  | 893.3  | 900.7  | 918.5  | 928.8  | 940.6  | 930.3  | 897.8  |
| 55°    | 809.0  | 812.0  | 809.0  | 810.5  | 813.4  | 817.9  | 844.5  | 854.9  | 877.0  | 863.7  | 829.7  |
| 57.5°  | 735.1  | 730.6  | 735.1  | 738.0  | 739.5  | 743.9  | 766.1  | 785.3  | 798.7  | 800.1  | 758.7  |
| 60°    | 649.3  | 643.4  | 649.3  | 662.6  | 665.6  | 668.5  | 689.2  | 707.0  | 718.8  | 723.2  | 680.3  |
| 62.5°  | 573.9  | 563.5  | 573.9  | 582.7  | 588.6  | 596.0  | 610.8  | 637.4  | 647.8  | 649.3  | 588.6  |
| 65°    | 494.0  | 489.5  | 494.0  | 511.7  | 513.2  | 522.1  | 538.4  | 557.6  | 579.8  | 576.8  | 489.5  |
| 67.5°  | 421.5  | 421.5  | 421.5  | 433.3  | 442.2  | 446.7  | 467.4  | 476.2  | 504.3  | 507.3  | 408.2  |
| 70°    | 355.0  | 353.5  | 355.0  | 363.8  | 369.8  | 380.1  | 399.3  | 409.7  | 431.9  | 439.3  | 331.3  |
| 72.5°  | 291.4  | 289.9  | 291.4  | 298.8  | 304.7  | 313.5  | 329.8  | 341.6  | 360.9  | 369.8  | 257.3  |
| 75°    | 235.2  | 232.2  | 235.2  | 241.1  | 239.6  | 251.4  | 264.7  | 276.6  | 294.3  | 300.2  | 190.8  |
| 77.5°  | 180.4  | 180.4  | 180.4  | 186.4  | 186.4  | 198.2  | 204.1  | 218.9  | 229.2  | 238.1  | 140.5  |
| 80°    | 134.6  | 133.1  | 134.6  | 136.1  | 136.1  | 142.0  | 152.3  | 162.7  | 171.6  | 171.6  | 96.1   |
| 82.5°  | 94.7   | 91.7   | 94.7   | 94.7   | 94.7   | 97.6   | 103.5  | 106.5  | 112.4  | 116.8  | 60.6   |
| 85°    | 59.2   | 59.2   | 59.2   | 60.6   | 59.2   | 62.1   | 63.6   | 66.6   | 66.6   | 63.6   | 37.0   |
| 87.5°  | 38.5   | 37.0   | 38.5   | 37.0   | 37.0   | 35.5   | 35.5   | 35.5   | 34.0   | 32.5   | 20.7   |
| 90°    | 17.5   | 17.5   | 17.5   | 17.5   | 17.5   | 23.3   | 31.0   | 34.8   | 29.9   | 20.1   | 12.8   |
| 92.5°  | 69.7   | 55.9   | 69.7   | 83.6   | 87.1   | 123.4  | 172.0  | 196.2  | 172.3  | 124.3  | 88.4   |
| 95°    | 243.2  | 201.2  | 243.2  | 285.2  | 295.7  | 388.3  | 511.8  | 573.6  | 484.4  | 306.1  | 172.4  |
| 97.5°  | 582.8  | 503.0  | 582.8  | 662.7  | 682.7  | 741.3  | 819.3  | 858.3  | 709.6  | 412.3  | 189.3  |
| 100°   | 839.7  | 744.5  | 839.7  | 934.9  | 958.7  | 954.4  | 948.7  | 945.9  | 780.9  | 451.0  | 203.6  |
| 102.5° | 1092.5 | 1010.9 | 1092.5 | 1173.9 | 1194.3 | 1119.8 | 1020.3 | 970.6  | 803.3  | 468.7  | 217.8  |
| 105°   | 1414.6 | 1370.8 | 1414.6 | 1458.5 | 1469.4 | 1302.2 | 1079.3 | 967.9  | 805.9  | 481.9  | 238.9  |
| 107.5° | 1625.7 | 1636.3 | 1625.7 | 1615.2 | 1612.5 | 1379.3 | 1068.3 | 912.8  | 770.0  | 484.3  | 270.1  |
| 110°   | 1706.2 | 1751.8 | 1706.2 | 1660.6 | 1649.2 | 1388.5 | 1040.8 | 867.0  | 738.2  | 480.6  | 287.4  |



TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°  | 140°  | 150°  | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 112.5° | 1713.4 | 1783.5 | 1713.4 | 1643.3 | 1625.7 | 1358.9 | 1003.2 | 825.3 | 710.4 | 480.8 | 308.5  |
| 115°   | 1667.9 | 1765.1 | 1667.9 | 1570.7 | 1546.4 | 1289.4 | 946.7  | 775.3 | 678.6 | 485.2 | 340.2  |
| 117.5° | 1571.6 | 1679.4 | 1571.6 | 1463.8 | 1436.9 | 1204.9 | 895.6  | 740.9 | 658.6 | 494.3 | 370.9  |
| 120°   | 1494.0 | 1598.7 | 1494.0 | 1389.3 | 1363.0 | 1151.1 | 868.5  | 727.2 | 651.9 | 501.6 | 388.8  |
| 122.5° | 1418.4 | 1521.7 | 1418.4 | 1315.0 | 1289.2 | 1098.3 | 843.8  | 716.6 | 648.5 | 512.1 | 409.9  |
| 125°   | 1310.6 | 1405.7 | 1310.6 | 1215.3 | 1191.6 | 1029.5 | 813.3  | 705.2 | 645.5 | 526.3 | 436.9  |
| 127.5° | 1213.6 | 1293.8 | 1213.6 | 1133.3 | 1113.2 | 974.0  | 788.3  | 695.5 | 643.9 | 540.5 | 463.0  |
| 130°   | 1156.4 | 1230.5 | 1156.4 | 1082.2 | 1063.7 | 939.8  | 774.5  | 691.9 | 644.9 | 551.0 | 480.5  |
| 132.5° | 1104.5 | 1171.0 | 1104.5 | 1038.1 | 1021.5 | 910.6  | 762.6  | 688.6 | 645.5 | 559.4 | 494.7  |
| 135°   | 1033.4 | 1090.7 | 1033.4 | 976.1  | 961.8  | 869.0  | 745.0  | 683.1 | 644.9 | 568.5 | 511.2  |
| 137.5° | 976.4  | 1023.4 | 976.4  | 929.6  | 917.9  | 839.3  | 734.6  | 682.2 | 648.9 | 582.2 | 532.2  |
| 140°   | 937.4  | 981.2  | 937.4  | 893.5  | 882.6  | 814.7  | 724.2  | 679.0 | 649.6 | 590.7 | 546.5  |
| 142.5° | 905.0  | 942.6  | 905.0  | 867.3  | 857.8  | 798.2  | 718.7  | 679.0 | 651.8 | 597.7 | 557.1  |
| 145°   | 856.3  | 884.8  | 856.3  | 827.7  | 820.6  | 771.9  | 707.0  | 674.4 | 651.9 | 606.9 | 573.1  |
| 147.5° | 819.0  | 842.6  | 819.0  | 795.4  | 789.5  | 751.1  | 700.0  | 674.4 | 656.4 | 620.3 | 593.3  |
| 150°   | 795.6  | 814.7  | 795.6  | 776.5  | 771.6  | 739.2  | 696.0  | 674.4 | 658.7 | 627.4 | 603.8  |
| 152.5° | 775.5  | 790.0  | 775.5  | 761.1  | 757.4  | 729.7  | 692.9  | 674.4 | 660.2 | 631.9 | 610.7  |
| 155°   | 752.4  | 762.0  | 752.4  | 742.9  | 740.5  | 718.5  | 689.1  | 674.4 | 663.6 | 642.0 | 625.8  |
| 157.5° | 734.2  | 740.9  | 734.2  | 727.5  | 725.8  | 708.6  | 685.9  | 674.4 | 667.0 | 652.1 | 641.0  |
| 160°   | 723.2  | 727.2  | 723.2  | 719.4  | 718.4  | 703.7  | 684.2  | 674.4 | 668.5 | 656.7 | 647.8  |
| 162.5° | 716.1  | 719.8  | 716.1  | 712.5  | 711.6  | 699.2  | 682.7  | 674.4 | 670.2 | 661.6 | 655.2  |
| 165°   | 705.9  | 709.7  | 705.9  | 702.0  | 701.0  | 692.2  | 680.3  | 674.4 | 672.5 | 668.6 | 665.7  |
| 167.5° | 698.5  | 700.1  | 698.5  | 696.8  | 696.4  | 690.6  | 682.8  | 679.0 | 677.4 | 674.1 | 671.7  |
| 170°   | 696.4  | 696.4  | 696.4  | 696.4  | 696.4  | 690.6  | 682.8  | 679.0 | 678.9 | 678.7 | 678.6  |
| 172.5° | 691.0  | 689.5  | 691.0  | 692.4  | 692.8  | 688.1  | 682.0  | 679.0 | 679.0 | 679.0 | 679.0  |
| 175°   | 687.7  | 687.7  | 687.7  | 687.7  | 687.7  | 684.8  | 680.9  | 679.0 | 679.8 | 681.7 | 683.1  |
| 177.5° | 684.8  | 683.1  | 684.8  | 686.5  | 686.8  | 684.6  | 681.5  | 679.9 | 680.6 | 682.0 | 683.1  |
| 180°   | 683.1  | 683.1  | 683.1  | 683.1  | 683.1  | 683.1  | 683.1  | 683.1 | 683.1 | 683.1 | 683.1  |

TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 |
| 2.5°   | 1585.5 | 1576.6 | 1576.6 | 1561.8 | 1555.9 | 1551.5 | 1544.1 | 1521.9 | 1516.0 | 1510.1 | 1518.9 |
| 5°     | 1598.8 | 1582.5 | 1570.7 | 1544.1 | 1521.9 | 1513.0 | 1484.9 | 1431.7 | 1396.2 | 1369.6 | 1354.8 |
| 7.5°   | 1601.8 | 1581.1 | 1558.9 | 1517.5 | 1464.2 | 1440.5 | 1354.8 | 1257.2 | 1230.5 | 1206.9 | 1192.1 |
| 10°    | 1598.8 | 1575.1 | 1544.1 | 1482.0 | 1356.2 | 1314.8 | 1229.0 | 1165.5 | 1149.2 | 1144.7 | 1149.2 |
| 12.5°  | 1588.4 | 1566.3 | 1523.4 | 1419.8 | 1243.8 | 1215.7 | 1165.5 | 1128.5 | 1125.5 | 1132.9 | 1172.8 |
| 15°    | 1570.7 | 1550.0 | 1499.7 | 1337.0 | 1181.7 | 1161.0 | 1125.5 | 1112.2 | 1128.5 | 1180.2 | 1300.0 |
| 17.5°  | 1553.0 | 1529.3 | 1467.2 | 1255.7 | 1134.4 | 1119.6 | 1094.5 | 1121.1 | 1212.8 | 1282.3 | 1322.2 |
| 20°    | 1529.3 | 1501.2 | 1430.2 | 1196.5 | 1100.4 | 1087.1 | 1075.2 | 1195.0 | 1264.5 | 1289.7 | 1311.9 |
| 22.5°  | 1501.2 | 1471.6 | 1379.9 | 1155.1 | 1064.9 | 1054.5 | 1061.9 | 1236.4 | 1264.5 | 1282.3 | 1301.5 |
| 25°    | 1464.2 | 1439.1 | 1320.7 | 1122.6 | 1036.8 | 1024.9 | 1053.0 | 1232.0 | 1248.3 | 1252.7 | 1291.2 |
| 27.5°  | 1430.2 | 1397.7 | 1258.6 | 1093.0 | 1002.8 | 998.3  | 1060.4 | 1212.8 | 1224.6 | 1229.0 | 1270.5 |
| 30°    | 1388.8 | 1340.0 | 1189.1 | 1061.9 | 967.3  | 965.8  | 1061.9 | 1189.1 | 1186.2 | 1198.0 | 1239.4 |
| 32.5°  | 1345.9 | 1254.2 | 1110.7 | 1023.5 | 933.2  | 931.8  | 1051.6 | 1153.6 | 1150.7 | 1166.9 | 1198.0 |
| 35°    | 1306.0 | 1187.6 | 1004.2 | 979.1  | 890.4  | 891.8  | 1026.4 | 1112.2 | 1113.7 | 1128.5 | 1147.7 |
| 37.5°  | 1264.5 | 1130.0 | 887.4  | 930.3  | 848.9  | 848.9  | 992.4  | 1073.8 | 1070.8 | 1075.2 | 1101.9 |
| 40°    | 1215.7 | 1039.7 | 783.9  | 866.7  | 810.5  | 806.1  | 951.0  | 1032.3 | 1022.0 | 1020.5 | 1057.5 |
| 42.5°  | 1164.0 | 940.6  | 707.0  | 782.4  | 766.1  | 760.2  | 900.7  | 982.1  | 962.8  | 967.3  | 1014.6 |
| 45°    | 1107.8 | 914.0  | 647.8  | 661.1  | 720.3  | 715.8  | 846.0  | 924.4  | 911.1  | 922.9  | 971.7  |
| 47.5°  | 1051.6 | 860.8  | 628.6  | 548.7  | 671.5  | 670.0  | 785.3  | 868.2  | 860.8  | 872.6  | 924.4  |
| 50°    | 974.7  | 801.6  | 627.1  | 470.3  | 616.7  | 622.7  | 712.9  | 813.4  | 813.4  | 823.8  | 878.5  |
| 52.5°  | 875.6  | 729.1  | 569.4  | 426.0  | 553.1  | 570.9  | 649.3  | 766.1  | 769.1  | 779.4  | 828.2  |
| 55°    | 785.3  | 653.7  | 528.0  | 391.9  | 477.7  | 516.2  | 587.2  | 717.3  | 723.2  | 733.6  | 778.0  |
| 57.5°  | 702.5  | 544.3  | 519.1  | 352.0  | 408.2  | 445.2  | 532.4  | 670.0  | 672.9  | 681.8  | 724.7  |
| 60°    | 613.8  | 393.4  | 476.2  | 309.1  | 347.6  | 375.7  | 482.2  | 613.8  | 624.1  | 630.1  | 667.0  |
| 62.5°  | 513.2  | 285.4  | 431.9  | 279.5  | 318.0  | 323.9  | 440.7  | 560.5  | 573.9  | 578.3  | 600.5  |
| 65°    | 365.3  | 239.6  | 366.8  | 254.4  | 286.9  | 288.4  | 396.4  | 505.8  | 517.6  | 525.0  | 541.3  |
| 67.5°  | 247.0  | 195.2  | 279.5  | 230.7  | 263.3  | 264.7  | 353.5  | 442.2  | 458.5  | 464.4  | 474.8  |
| 70°    | 171.6  | 130.2  | 207.1  | 205.6  | 236.6  | 239.6  | 307.6  | 384.5  | 399.3  | 403.8  | 409.7  |
| 72.5°  | 125.7  | 105.0  | 171.6  | 184.9  | 208.5  | 211.5  | 260.3  | 319.5  | 334.3  | 338.7  | 341.6  |
| 75°    | 96.1   | 110.9  | 139.0  | 161.2  | 177.5  | 179.0  | 213.0  | 260.3  | 270.7  | 273.6  | 275.1  |
| 77.5°  | 76.9   | 103.5  | 102.1  | 130.2  | 144.9  | 142.0  | 167.1  | 201.1  | 210.0  | 210.0  | 210.0  |
| 80°    | 57.7   | 81.3   | 76.9   | 93.2   | 106.5  | 103.5  | 119.8  | 143.5  | 146.4  | 149.4  | 147.9  |
| 82.5°  | 42.9   | 51.8   | 51.8   | 59.2   | 71.0   | 68.0   | 79.9   | 93.2   | 93.2   | 93.2   | 96.1   |
| 85°    | 26.6   | 29.6   | 23.7   | 31.1   | 39.9   | 38.5   | 44.4   | 50.3   | 51.8   | 51.8   | 48.8   |
| 87.5°  | 16.3   | 13.3   | 7.4    | 11.8   | 17.7   | 17.7   | 20.7   | 22.2   | 20.7   | 20.7   | 20.7   |
| 90°    | 11.9   | 8.2    | 4.5    | 8.2    | 11.9   | 12.8   | 20.1   | 29.9   | 34.8   | 31.0   | 23.3   |
| 92.5°  | 80.7   | 49.5   | 18.3   | 49.5   | 80.7   | 88.4   | 124.3  | 172.3  | 196.2  | 172.0  | 123.4  |
| 95°    | 158.1  | 101.1  | 44.0   | 101.1  | 158.1  | 172.4  | 306.1  | 484.4  | 573.6  | 511.8  | 388.3  |
| 97.5°  | 176.7  | 126.4  | 76.1   | 126.4  | 176.7  | 189.3  | 412.3  | 709.6  | 858.3  | 819.3  | 741.3  |
| 100°   | 192.2  | 146.5  | 100.9  | 146.5  | 192.2  | 203.6  | 451.0  | 780.9  | 945.9  | 948.7  | 954.4  |
| 102.5° | 207.2  | 164.6  | 122.0  | 164.6  | 207.2  | 217.8  | 468.7  | 803.3  | 970.6  | 1020.3 | 1119.8 |
| 105°   | 229.9  | 193.8  | 157.8  | 193.8  | 229.9  | 238.9  | 481.9  | 805.9  | 967.9  | 1079.3 | 1302.2 |
| 107.5° | 261.7  | 228.1  | 194.4  | 228.1  | 261.7  | 270.1  | 484.3  | 770.0  | 912.8  | 1068.3 | 1379.3 |
| 110°   | 279.8  | 249.6  | 219.2  | 249.6  | 279.8  | 287.4  | 480.6  | 738.2  | 867.0  | 1040.8 | 1388.5 |

TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°  | 170°  | 180°  | 190°  | 200°  | 202.5° | 210°  | 220°  | 225°  | 230°   | 240°   |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|
| 112.5° | 301.3 | 272.3 | 243.4 | 272.3 | 301.3 | 308.5  | 480.8 | 710.4 | 825.3 | 1003.2 | 1358.9 |
| 115°   | 333.5 | 306.8 | 280.1 | 306.8 | 333.5 | 340.2  | 485.2 | 678.6 | 775.3 | 946.7  | 1289.4 |
| 117.5° | 364.8 | 340.6 | 316.3 | 340.6 | 364.8 | 370.9  | 494.3 | 658.6 | 740.9 | 895.6  | 1204.9 |
| 120°   | 383.1 | 360.3 | 337.4 | 360.3 | 383.1 | 388.8  | 501.6 | 651.9 | 727.2 | 868.5  | 1151.1 |
| 122.5° | 404.2 | 381.1 | 358.1 | 381.1 | 404.2 | 409.9  | 512.1 | 648.5 | 716.6 | 843.8  | 1098.3 |
| 125°   | 431.7 | 410.7 | 389.7 | 410.7 | 431.7 | 436.9  | 526.3 | 645.5 | 705.2 | 813.3  | 1029.5 |
| 127.5° | 457.7 | 436.6 | 415.4 | 436.6 | 457.7 | 463.0  | 540.5 | 643.9 | 695.5 | 788.3  | 974.0  |
| 130°   | 474.8 | 452.0 | 429.1 | 452.0 | 474.8 | 480.5  | 551.0 | 644.9 | 691.9 | 774.5  | 939.8  |
| 132.5° | 489.0 | 466.2 | 443.3 | 466.2 | 489.0 | 494.7  | 559.4 | 645.5 | 688.6 | 762.6  | 910.6  |
| 135°   | 506.0 | 485.2 | 464.4 | 485.2 | 506.0 | 511.2  | 568.5 | 644.9 | 683.1 | 745.0  | 869.0  |
| 137.5° | 527.1 | 506.5 | 486.0 | 506.5 | 527.1 | 532.2  | 582.2 | 648.9 | 682.2 | 734.6  | 839.3  |
| 140°   | 541.8 | 522.8 | 503.8 | 522.8 | 541.8 | 546.5  | 590.7 | 649.6 | 679.0 | 724.2  | 814.7  |
| 142.5° | 552.8 | 535.2 | 517.6 | 535.2 | 552.8 | 557.1  | 597.7 | 651.8 | 679.0 | 718.7  | 798.2  |
| 145°   | 569.2 | 554.0 | 538.8 | 554.0 | 569.2 | 573.1  | 606.9 | 651.9 | 674.4 | 707.0  | 771.9  |
| 147.5° | 589.5 | 574.6 | 559.8 | 574.6 | 589.5 | 593.3  | 620.3 | 656.4 | 674.4 | 700.0  | 751.1  |
| 150°   | 600.5 | 587.0 | 573.6 | 587.0 | 600.5 | 603.8  | 627.4 | 658.7 | 674.4 | 696.0  | 739.2  |
| 152.5° | 608.2 | 598.0 | 587.8 | 598.0 | 608.2 | 610.7  | 631.9 | 660.2 | 674.4 | 692.9  | 729.7  |
| 155°   | 623.9 | 616.3 | 608.9 | 616.3 | 623.9 | 625.8  | 642.0 | 663.6 | 674.4 | 689.1  | 718.5  |
| 157.5° | 639.1 | 631.8 | 624.4 | 631.8 | 639.1 | 641.0  | 652.1 | 667.0 | 674.4 | 685.9  | 708.6  |
| 160°   | 646.4 | 640.7 | 635.0 | 640.7 | 646.4 | 647.8  | 656.7 | 668.5 | 674.4 | 684.2  | 703.7  |
| 162.5° | 654.1 | 649.9 | 645.5 | 649.9 | 654.1 | 655.2  | 661.6 | 670.2 | 674.4 | 682.7  | 699.2  |
| 165°   | 664.8 | 660.9 | 657.0 | 660.9 | 664.8 | 665.7  | 668.6 | 672.5 | 674.4 | 680.3  | 692.2  |
| 167.5° | 671.2 | 669.4 | 667.5 | 669.4 | 671.2 | 671.7  | 674.1 | 677.4 | 679.0 | 682.8  | 690.6  |
| 170°   | 678.1 | 676.3 | 674.4 | 676.3 | 678.1 | 678.6  | 678.7 | 678.9 | 679.0 | 682.8  | 690.6  |
| 172.5° | 678.9 | 678.5 | 678.1 | 678.5 | 678.9 | 679.0  | 679.0 | 679.0 | 679.0 | 682.0  | 688.1  |
| 175°   | 683.1 | 683.1 | 683.1 | 683.1 | 683.1 | 683.1  | 681.7 | 679.8 | 679.0 | 680.9  | 684.8  |
| 177.5° | 683.1 | 683.1 | 683.1 | 683.1 | 683.1 | 683.1  | 682.0 | 680.6 | 679.9 | 681.5  | 684.6  |
| 180°   | 683.1 | 683.1 | 683.1 | 683.1 | 683.1 | 683.1  | 683.1 | 683.1 | 683.1 | 683.1  | 683.1  |

TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 |
| 2.5°   | 1508.6 | 1504.1 | 1510.1 | 1493.8 | 1510.1 | 1504.1 | 1508.6 | 1518.9 | 1510.1 | 1516.0 | 1521.9 |
| 5°     | 1323.7 | 1316.3 | 1292.6 | 1273.4 | 1292.6 | 1316.3 | 1323.7 | 1354.8 | 1369.6 | 1396.2 | 1431.7 |
| 7.5°   | 1183.2 | 1177.3 | 1171.4 | 1159.5 | 1171.4 | 1177.3 | 1183.2 | 1192.1 | 1206.9 | 1230.5 | 1257.2 |
| 10°    | 1152.1 | 1153.6 | 1162.5 | 1161.0 | 1162.5 | 1153.6 | 1152.1 | 1149.2 | 1144.7 | 1149.2 | 1165.5 |
| 12.5°  | 1232.0 | 1245.3 | 1294.1 | 1291.2 | 1294.1 | 1245.3 | 1232.0 | 1172.8 | 1132.9 | 1125.5 | 1128.5 |
| 15°    | 1323.7 | 1328.1 | 1338.5 | 1340.0 | 1338.5 | 1328.1 | 1323.7 | 1300.0 | 1180.2 | 1128.5 | 1112.2 |
| 17.5°  | 1332.6 | 1334.1 | 1341.5 | 1341.5 | 1341.5 | 1334.1 | 1332.6 | 1322.2 | 1282.3 | 1212.8 | 1121.1 |
| 20°    | 1325.2 | 1328.1 | 1342.9 | 1345.9 | 1342.9 | 1328.1 | 1325.2 | 1311.9 | 1289.7 | 1264.5 | 1195.0 |
| 22.5°  | 1322.2 | 1328.1 | 1340.0 | 1338.5 | 1340.0 | 1328.1 | 1322.2 | 1301.5 | 1282.3 | 1264.5 | 1236.4 |
| 25°    | 1307.4 | 1307.4 | 1308.9 | 1310.4 | 1308.9 | 1307.4 | 1307.4 | 1291.2 | 1252.7 | 1248.3 | 1232.0 |
| 27.5°  | 1276.4 | 1279.3 | 1288.2 | 1286.7 | 1288.2 | 1279.3 | 1276.4 | 1270.5 | 1229.0 | 1224.6 | 1212.8 |
| 30°    | 1248.3 | 1245.3 | 1237.9 | 1232.0 | 1237.9 | 1245.3 | 1248.3 | 1239.4 | 1198.0 | 1186.2 | 1189.1 |
| 32.5°  | 1200.9 | 1193.6 | 1186.2 | 1181.7 | 1186.2 | 1193.6 | 1200.9 | 1198.0 | 1166.9 | 1150.7 | 1153.6 |
| 35°    | 1144.7 | 1146.2 | 1144.7 | 1140.3 | 1144.7 | 1146.2 | 1144.7 | 1147.7 | 1128.5 | 1113.7 | 1112.2 |
| 37.5°  | 1104.8 | 1107.8 | 1106.3 | 1100.4 | 1106.3 | 1107.8 | 1104.8 | 1101.9 | 1075.2 | 1070.8 | 1073.8 |
| 40°    | 1063.4 | 1064.9 | 1063.4 | 1059.0 | 1063.4 | 1064.9 | 1063.4 | 1057.5 | 1020.5 | 1022.0 | 1032.3 |
| 42.5°  | 1023.5 | 1022.0 | 1017.6 | 1014.6 | 1017.6 | 1022.0 | 1023.5 | 1014.6 | 967.3  | 962.8  | 982.1  |
| 45°    | 977.6  | 979.1  | 970.2  | 965.8  | 970.2  | 979.1  | 977.6  | 971.7  | 922.9  | 911.1  | 924.4  |
| 47.5°  | 931.8  | 931.8  | 924.4  | 919.9  | 924.4  | 931.8  | 931.8  | 924.4  | 872.6  | 860.8  | 868.2  |
| 50°    | 883.0  | 881.5  | 871.1  | 869.7  | 871.1  | 881.5  | 883.0  | 878.5  | 823.8  | 813.4  | 813.4  |
| 52.5°  | 826.8  | 826.8  | 828.2  | 831.2  | 828.2  | 826.8  | 826.8  | 828.2  | 779.4  | 769.1  | 766.1  |
| 55°    | 778.0  | 779.4  | 789.8  | 792.7  | 789.8  | 779.4  | 778.0  | 778.0  | 733.6  | 723.2  | 717.3  |
| 57.5°  | 727.7  | 727.7  | 735.1  | 735.1  | 735.1  | 727.7  | 727.7  | 724.7  | 681.8  | 672.9  | 670.0  |
| 60°    | 670.0  | 672.9  | 678.9  | 677.4  | 678.9  | 672.9  | 670.0  | 667.0  | 630.1  | 624.1  | 613.8  |
| 62.5°  | 609.3  | 612.3  | 613.8  | 610.8  | 613.8  | 612.3  | 609.3  | 600.5  | 578.3  | 573.9  | 560.5  |
| 65°    | 545.8  | 548.7  | 550.2  | 547.2  | 550.2  | 548.7  | 545.8  | 541.3  | 525.0  | 517.6  | 505.8  |
| 67.5°  | 480.7  | 479.2  | 477.7  | 483.6  | 477.7  | 479.2  | 480.7  | 474.8  | 464.4  | 458.5  | 442.2  |
| 70°    | 414.1  | 414.1  | 412.6  | 415.6  | 412.6  | 414.1  | 414.1  | 409.7  | 403.8  | 399.3  | 384.5  |
| 72.5°  | 343.1  | 341.6  | 347.6  | 343.1  | 347.6  | 341.6  | 343.1  | 341.6  | 338.7  | 334.3  | 319.5  |
| 75°    | 273.6  | 276.6  | 273.6  | 278.1  | 273.6  | 276.6  | 273.6  | 275.1  | 273.6  | 270.7  | 260.3  |
| 77.5°  | 208.5  | 211.5  | 208.5  | 208.5  | 208.5  | 211.5  | 208.5  | 210.0  | 210.0  | 210.0  | 201.1  |
| 80°    | 147.9  | 146.4  | 146.4  | 144.9  | 146.4  | 146.4  | 147.9  | 147.9  | 149.4  | 146.4  | 143.5  |
| 82.5°  | 94.7   | 93.2   | 93.2   | 96.1   | 93.2   | 93.2   | 94.7   | 96.1   | 93.2   | 93.2   | 93.2   |
| 85°    | 51.8   | 53.2   | 50.3   | 50.3   | 50.3   | 53.2   | 51.8   | 48.8   | 51.8   | 51.8   | 50.3   |
| 87.5°  | 19.2   | 17.7   | 17.7   | 17.7   | 17.7   | 17.7   | 19.2   | 20.7   | 20.7   | 20.7   | 22.2   |
| 90°    | 17.5   | 17.5   | 17.5   | 17.5   | 17.5   | 17.5   | 17.5   | 23.3   | 31.0   | 34.8   | 29.9   |
| 92.5°  | 87.1   | 83.6   | 69.7   | 55.9   | 69.7   | 83.6   | 87.1   | 123.4  | 172.0  | 196.2  | 172.3  |
| 95°    | 295.7  | 285.2  | 243.2  | 201.2  | 243.2  | 285.2  | 295.7  | 388.3  | 511.8  | 573.6  | 484.4  |
| 97.5°  | 682.7  | 662.7  | 582.8  | 503.0  | 582.8  | 662.7  | 682.7  | 741.3  | 819.3  | 858.3  | 709.6  |
| 100°   | 958.7  | 934.9  | 839.7  | 744.5  | 839.7  | 934.9  | 958.7  | 954.4  | 948.7  | 945.9  | 780.9  |
| 102.5° | 1194.3 | 1173.9 | 1092.5 | 1010.9 | 1092.5 | 1173.9 | 1194.3 | 1119.8 | 1020.3 | 970.6  | 803.3  |
| 105°   | 1469.4 | 1458.5 | 1414.6 | 1370.8 | 1414.6 | 1458.5 | 1469.4 | 1302.2 | 1079.3 | 967.9  | 805.9  |
| 107.5° | 1612.5 | 1615.2 | 1625.7 | 1636.3 | 1625.7 | 1615.2 | 1612.5 | 1379.3 | 1068.3 | 912.8  | 770.0  |
| 110°   | 1649.2 | 1660.6 | 1706.2 | 1751.8 | 1706.2 | 1660.6 | 1649.2 | 1388.5 | 1040.8 | 867.0  | 738.2  |

TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°  | 320°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1625.7 | 1643.3 | 1713.4 | 1783.5 | 1713.4 | 1643.3 | 1625.7 | 1358.9 | 1003.2 | 825.3 | 710.4 |
| 115°   | 1546.4 | 1570.7 | 1667.9 | 1765.1 | 1667.9 | 1570.7 | 1546.4 | 1289.4 | 946.7  | 775.3 | 678.6 |
| 117.5° | 1436.9 | 1463.8 | 1571.6 | 1679.4 | 1571.6 | 1463.8 | 1436.9 | 1204.9 | 895.6  | 740.9 | 658.6 |
| 120°   | 1363.0 | 1389.3 | 1494.0 | 1598.7 | 1494.0 | 1389.3 | 1363.0 | 1151.1 | 868.5  | 727.2 | 651.9 |
| 122.5° | 1289.2 | 1315.0 | 1418.4 | 1521.7 | 1418.4 | 1315.0 | 1289.2 | 1098.3 | 843.8  | 716.6 | 648.5 |
| 125°   | 1191.6 | 1215.3 | 1310.6 | 1405.7 | 1310.6 | 1215.3 | 1191.6 | 1029.5 | 813.3  | 705.2 | 645.5 |
| 127.5° | 1113.2 | 1133.3 | 1213.6 | 1293.8 | 1213.6 | 1133.3 | 1113.2 | 974.0  | 788.3  | 695.5 | 643.9 |
| 130°   | 1063.7 | 1082.2 | 1156.4 | 1230.5 | 1156.4 | 1082.2 | 1063.7 | 939.8  | 774.5  | 691.9 | 644.9 |
| 132.5° | 1021.5 | 1038.1 | 1104.5 | 1171.0 | 1104.5 | 1038.1 | 1021.5 | 910.6  | 762.6  | 688.6 | 645.5 |
| 135°   | 961.8  | 976.1  | 1033.4 | 1090.7 | 1033.4 | 976.1  | 961.8  | 869.0  | 745.0  | 683.1 | 644.9 |
| 137.5° | 917.9  | 929.6  | 976.4  | 1023.4 | 976.4  | 929.6  | 917.9  | 839.3  | 734.6  | 682.2 | 648.9 |
| 140°   | 882.6  | 893.5  | 937.4  | 981.2  | 937.4  | 893.5  | 882.6  | 814.7  | 724.2  | 679.0 | 649.6 |
| 142.5° | 857.8  | 867.3  | 905.0  | 942.6  | 905.0  | 867.3  | 857.8  | 798.2  | 718.7  | 679.0 | 651.8 |
| 145°   | 820.6  | 827.7  | 856.3  | 884.8  | 856.3  | 827.7  | 820.6  | 771.9  | 707.0  | 674.4 | 651.9 |
| 147.5° | 789.5  | 795.4  | 819.0  | 842.6  | 819.0  | 795.4  | 789.5  | 751.1  | 700.0  | 674.4 | 656.4 |
| 150°   | 771.6  | 776.5  | 795.6  | 814.7  | 795.6  | 776.5  | 771.6  | 739.2  | 696.0  | 674.4 | 658.7 |
| 152.5° | 757.4  | 761.1  | 775.5  | 790.0  | 775.5  | 761.1  | 757.4  | 729.7  | 692.9  | 674.4 | 660.2 |
| 155°   | 740.5  | 742.9  | 752.4  | 762.0  | 752.4  | 742.9  | 740.5  | 718.5  | 689.1  | 674.4 | 663.6 |
| 157.5° | 725.8  | 727.5  | 734.2  | 740.9  | 734.2  | 727.5  | 725.8  | 708.6  | 685.9  | 674.4 | 667.0 |
| 160°   | 718.4  | 719.4  | 723.2  | 727.2  | 723.2  | 719.4  | 718.4  | 703.7  | 684.2  | 674.4 | 668.5 |
| 162.5° | 711.6  | 712.5  | 716.1  | 719.8  | 716.1  | 712.5  | 711.6  | 699.2  | 682.7  | 674.4 | 670.2 |
| 165°   | 701.0  | 702.0  | 705.9  | 709.7  | 705.9  | 702.0  | 701.0  | 692.2  | 680.3  | 674.4 | 672.5 |
| 167.5° | 696.4  | 696.8  | 698.5  | 700.1  | 698.5  | 696.8  | 696.4  | 690.6  | 682.8  | 679.0 | 677.4 |
| 170°   | 696.4  | 696.4  | 696.4  | 696.4  | 696.4  | 696.4  | 696.4  | 690.6  | 682.8  | 679.0 | 678.9 |
| 172.5° | 692.8  | 692.4  | 691.0  | 689.5  | 691.0  | 692.4  | 692.8  | 688.1  | 682.0  | 679.0 | 679.0 |
| 175°   | 687.7  | 687.7  | 687.7  | 687.7  | 687.7  | 687.7  | 687.7  | 684.8  | 680.9  | 679.0 | 679.8 |
| 177.5° | 686.8  | 686.5  | 684.8  | 683.1  | 684.8  | 686.5  | 686.8  | 684.6  | 681.5  | 679.9 | 680.6 |
| 180°   | 683.1  | 683.1  | 683.1  | 683.1  | 683.1  | 683.1  | 683.1  | 683.1  | 683.1  | 683.1 | 683.1 |

TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1563.3 | 1563.3 | 1563.3 | 1563.3 | 1563.3 |
| 2.5°   | 1544.1 | 1551.5 | 1555.9 | 1561.8 | 1576.6 |
| 5°     | 1484.9 | 1513.0 | 1521.9 | 1544.1 | 1570.7 |
| 7.5°   | 1354.8 | 1440.5 | 1464.2 | 1517.5 | 1558.9 |
| 10°    | 1229.0 | 1314.8 | 1356.2 | 1482.0 | 1544.1 |
| 12.5°  | 1165.5 | 1215.7 | 1243.8 | 1419.8 | 1523.4 |
| 15°    | 1125.5 | 1161.0 | 1181.7 | 1337.0 | 1499.7 |
| 17.5°  | 1094.5 | 1119.6 | 1134.4 | 1255.7 | 1467.2 |
| 20°    | 1075.2 | 1087.1 | 1100.4 | 1196.5 | 1430.2 |
| 22.5°  | 1061.9 | 1054.5 | 1064.9 | 1155.1 | 1379.9 |
| 25°    | 1053.0 | 1024.9 | 1036.8 | 1122.6 | 1320.7 |
| 27.5°  | 1060.4 | 998.3  | 1002.8 | 1093.0 | 1258.6 |
| 30°    | 1061.9 | 965.8  | 967.3  | 1061.9 | 1189.1 |
| 32.5°  | 1051.6 | 931.8  | 933.2  | 1023.5 | 1110.7 |
| 35°    | 1026.4 | 891.8  | 890.4  | 979.1  | 1004.2 |
| 37.5°  | 992.4  | 848.9  | 848.9  | 930.3  | 887.4  |
| 40°    | 951.0  | 806.1  | 810.5  | 866.7  | 783.9  |
| 42.5°  | 900.7  | 760.2  | 766.1  | 782.4  | 707.0  |
| 45°    | 846.0  | 715.8  | 720.3  | 661.1  | 647.8  |
| 47.5°  | 785.3  | 670.0  | 671.5  | 548.7  | 628.6  |
| 50°    | 712.9  | 622.7  | 616.7  | 470.3  | 627.1  |
| 52.5°  | 649.3  | 570.9  | 553.1  | 426.0  | 569.4  |
| 55°    | 587.2  | 516.2  | 477.7  | 391.9  | 528.0  |
| 57.5°  | 532.4  | 445.2  | 408.2  | 352.0  | 519.1  |
| 60°    | 482.2  | 375.7  | 347.6  | 309.1  | 476.2  |
| 62.5°  | 440.7  | 323.9  | 318.0  | 279.5  | 431.9  |
| 65°    | 396.4  | 288.4  | 286.9  | 254.4  | 366.8  |
| 67.5°  | 353.5  | 264.7  | 263.3  | 230.7  | 279.5  |
| 70°    | 307.6  | 239.6  | 236.6  | 205.6  | 207.1  |
| 72.5°  | 260.3  | 211.5  | 208.5  | 184.9  | 171.6  |
| 75°    | 213.0  | 179.0  | 177.5  | 161.2  | 139.0  |
| 77.5°  | 167.1  | 142.0  | 144.9  | 130.2  | 102.1  |
| 80°    | 119.8  | 103.5  | 106.5  | 93.2   | 76.9   |
| 82.5°  | 79.9   | 68.0   | 71.0   | 59.2   | 51.8   |
| 85°    | 44.4   | 38.5   | 39.9   | 31.1   | 23.7   |
| 87.5°  | 20.7   | 17.7   | 17.7   | 11.8   | 7.4    |
| 90°    | 20.1   | 12.8   | 11.9   | 8.2    | 4.5    |
| 92.5°  | 124.3  | 88.4   | 80.7   | 49.5   | 18.3   |
| 95°    | 306.1  | 172.4  | 158.1  | 101.1  | 44.0   |
| 97.5°  | 412.3  | 189.3  | 176.7  | 126.4  | 76.1   |
| 100°   | 451.0  | 203.6  | 192.2  | 146.5  | 100.9  |
| 102.5° | 468.7  | 217.8  | 207.2  | 164.6  | 122.0  |
| 105°   | 481.9  | 238.9  | 229.9  | 193.8  | 157.8  |
| 107.5° | 484.3  | 270.1  | 261.7  | 228.1  | 194.4  |
| 110°   | 480.6  | 287.4  | 279.8  | 249.6  | 219.2  |

TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 480.8 | 308.5  | 301.3 | 272.3 | 243.4 |
| 115°   | 485.2 | 340.2  | 333.5 | 306.8 | 280.1 |
| 117.5° | 494.3 | 370.9  | 364.8 | 340.6 | 316.3 |
| 120°   | 501.6 | 388.8  | 383.1 | 360.3 | 337.4 |
| 122.5° | 512.1 | 409.9  | 404.2 | 381.1 | 358.1 |
| 125°   | 526.3 | 436.9  | 431.7 | 410.7 | 389.7 |
| 127.5° | 540.5 | 463.0  | 457.7 | 436.6 | 415.4 |
| 130°   | 551.0 | 480.5  | 474.8 | 452.0 | 429.1 |
| 132.5° | 559.4 | 494.7  | 489.0 | 466.2 | 443.3 |
| 135°   | 568.5 | 511.2  | 506.0 | 485.2 | 464.4 |
| 137.5° | 582.2 | 532.2  | 527.1 | 506.5 | 486.0 |
| 140°   | 590.7 | 546.5  | 541.8 | 522.8 | 503.8 |
| 142.5° | 597.7 | 557.1  | 552.8 | 535.2 | 517.6 |
| 145°   | 606.9 | 573.1  | 569.2 | 554.0 | 538.8 |
| 147.5° | 620.3 | 593.3  | 589.5 | 574.6 | 559.8 |
| 150°   | 627.4 | 603.8  | 600.5 | 587.0 | 573.6 |
| 152.5° | 631.9 | 610.7  | 608.2 | 598.0 | 587.8 |
| 155°   | 642.0 | 625.8  | 623.9 | 616.3 | 608.9 |
| 157.5° | 652.1 | 641.0  | 639.1 | 631.8 | 624.4 |
| 160°   | 656.7 | 647.8  | 646.4 | 640.7 | 635.0 |
| 162.5° | 661.6 | 655.2  | 654.1 | 649.9 | 645.5 |
| 165°   | 668.6 | 665.7  | 664.8 | 660.9 | 657.0 |
| 167.5° | 674.1 | 671.7  | 671.2 | 669.4 | 667.5 |
| 170°   | 678.7 | 678.6  | 678.1 | 676.3 | 674.4 |
| 172.5° | 679.0 | 679.0  | 678.9 | 678.5 | 678.1 |
| 175°   | 681.7 | 683.1  | 683.1 | 683.1 | 683.1 |
| 177.5° | 682.0 | 683.1  | 683.1 | 683.1 | 683.1 |
| 180°   | 683.1 | 683.1  | 683.1 | 683.1 | 683.1 |

TEST NUMBER: P934788

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-W2A-W-6-3000K

**CIE UGR TABLE:**

| Reflectances:   |      |                  |       |       |       |       |                |       |       |       |       |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling         |      | 0.7              | 0.7   | 0.5   | 0.5   | 0.3   | 0.7            | 0.7   | 0.5   | 0.5   | 0.3   |
| Wall            |      | 0.5              | 0.3   | 0.5   | 0.3   | 0.3   | 0.5            | 0.3   | 0.5   | 0.3   | 0.3   |
| Reference plane |      | 0.2              | 0.2   | 0.2   | 0.2   | 0.2   | 0.2            | 0.2   | 0.2   | 0.2   | 0.2   |
| Room dimensions |      | Viewed crosswise |       |       |       |       | Viewed endwise |       |       |       |       |
| X=2H            | Y=2H | 12.48            | 13.32 | 13.46 | 14.31 | 15.61 | 15.30          | 16.15 | 16.28 | 17.14 | 18.44 |
|                 | 3H   | 12.96            | 13.71 | 13.94 | 14.71 | 16.03 | 16.65          | 17.40 | 17.63 | 18.40 | 19.72 |
|                 | 4H   | 13.15            | 13.86 | 14.15 | 14.86 | 16.19 | 17.09          | 17.80 | 18.09 | 18.80 | 20.14 |
|                 | 6H   | 13.26            | 13.92 | 14.27 | 14.93 | 16.27 | 17.37          | 18.03 | 18.38 | 19.04 | 20.38 |
|                 | 8H   | 13.26            | 13.89 | 14.28 | 14.91 | 16.25 | 17.44          | 18.07 | 18.46 | 19.09 | 20.43 |
|                 | 12H  | 13.23            | 13.83 | 14.26 | 14.85 | 16.21 | 17.48          | 18.08 | 18.50 | 19.09 | 20.46 |
| 4H              | 2H   | 13.51            | 14.22 | 14.51 | 15.22 | 16.56 | 15.71          | 16.43 | 16.72 | 17.43 | 18.76 |
|                 | 3H   | 14.53            | 15.13 | 15.55 | 16.16 | 17.51 | 17.21          | 17.81 | 18.23 | 18.84 | 20.18 |
|                 | 4H   | 14.81            | 15.35 | 15.83 | 16.38 | 17.75 | 17.74          | 18.28 | 18.76 | 19.31 | 20.68 |
|                 | 6H   | 14.93            | 15.40 | 15.97 | 16.45 | 17.81 | 18.10          | 18.57 | 19.14 | 19.62 | 20.98 |
|                 | 8H   | 14.94            | 15.38 | 15.97 | 16.42 | 17.80 | 18.21          | 18.64 | 19.24 | 19.68 | 21.06 |
|                 | 12H  | 14.90            | 15.30 | 15.96 | 16.35 | 17.74 | 18.26          | 18.66 | 19.32 | 19.71 | 21.10 |
| 8H              | 4H   | 15.26            | 15.70 | 16.30 | 16.74 | 18.12 | 17.86          | 18.30 | 18.90 | 19.34 | 20.72 |
|                 | 6H   | 15.52            | 15.88 | 16.58 | 16.96 | 18.34 | 18.30          | 18.66 | 19.36 | 19.74 | 21.12 |
|                 | 8H   | 15.56            | 15.88 | 16.63 | 16.95 | 18.34 | 18.45          | 18.77 | 19.51 | 19.83 | 21.23 |
|                 | 12H  | 15.55            | 15.83 | 16.62 | 16.89 | 18.33 | 18.54          | 18.82 | 19.61 | 19.88 | 21.32 |
| 12H             | 4H   | 15.27            | 15.66 | 16.32 | 16.71 | 18.10 | 17.83          | 18.22 | 18.88 | 19.28 | 20.66 |
|                 | 6H   | 15.58            | 15.90 | 16.65 | 16.97 | 18.36 | 18.29          | 18.61 | 19.36 | 19.68 | 21.07 |
|                 | 8H   | 15.65            | 15.93 | 16.72 | 16.99 | 18.43 | 18.45          | 18.73 | 19.52 | 19.79 | 21.23 |