

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: P934932

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

Issue Date: 12/17/2024

**Test Information**

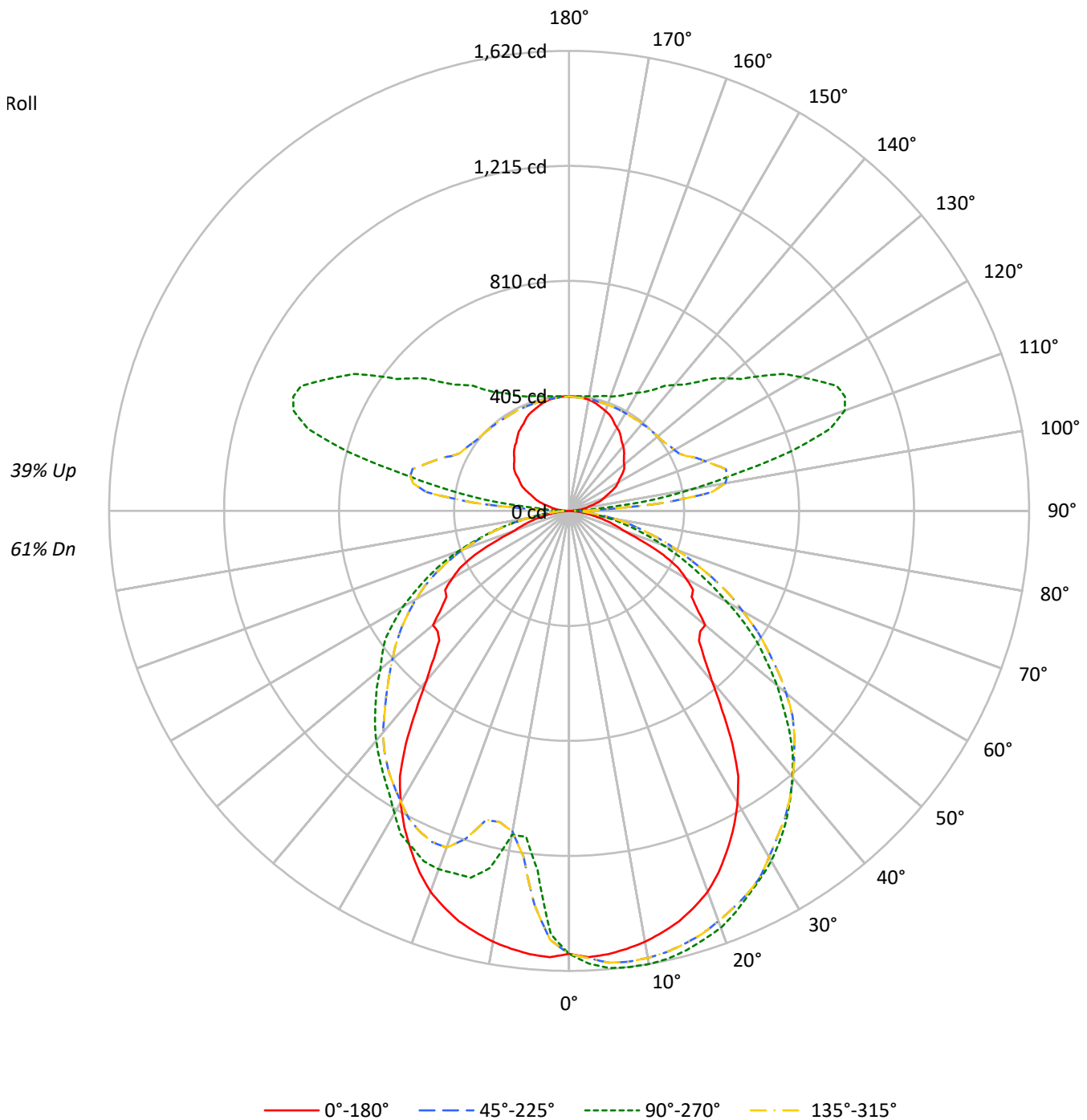
Test Method: LM-79-2019  
Report Number: P934932  
REPORT IS A COMBINATION OF REPORTS P933718 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6657.1 lumens  
Efficiency: N/A  
Efficacy: 107.4 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 62  
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: P934932  
CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P934932

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |    | 0  |    |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 89 | 89 | 89 | 77 | 77 | 77 | 66 | 66 | 66 | 66 | 66 | 61 |
| 1   | 100 | 96  | 92  | 88  | 94  | 90  | 86  | 83  | 79 | 76 | 74 | 68 | 66 | 65 | 59 | 57 | 56 | 56 | 56 | 51 |
| 2   | 91  | 84  | 78  | 72  | 85  | 79  | 73  | 68  | 69 | 65 | 61 | 60 | 57 | 54 | 52 | 49 | 47 | 47 | 47 | 43 |
| 3   | 83  | 74  | 66  | 60  | 78  | 69  | 63  | 57  | 61 | 56 | 51 | 53 | 49 | 46 | 46 | 43 | 40 | 40 | 40 | 36 |
| 4   | 76  | 65  | 57  | 51  | 71  | 61  | 54  | 49  | 54 | 48 | 44 | 47 | 43 | 39 | 41 | 37 | 35 | 35 | 35 | 31 |
| 5   | 70  | 58  | 50  | 44  | 65  | 55  | 47  | 42  | 48 | 42 | 38 | 42 | 38 | 34 | 37 | 33 | 30 | 30 | 30 | 27 |
| 6   | 65  | 52  | 44  | 38  | 60  | 49  | 42  | 36  | 44 | 37 | 33 | 38 | 33 | 30 | 33 | 29 | 26 | 26 | 26 | 24 |
| 7   | 60  | 47  | 39  | 33  | 56  | 45  | 37  | 32  | 39 | 33 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 23 | 23 | 21 |
| 8   | 55  | 43  | 35  | 29  | 52  | 40  | 33  | 28  | 36 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 21 | 21 | 19 |
| 9   | 52  | 39  | 31  | 26  | 48  | 37  | 30  | 25  | 33 | 27 | 23 | 29 | 24 | 21 | 26 | 22 | 19 | 19 | 19 | 17 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 27  | 23  | 30 | 25 | 21 | 27 | 22 | 19 | 24 | 20 | 17 | 17 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 14475 | 14475 | 14475 | 14475 |
| 5°  | 14566 | 14612 | 14566 | 11489 |
| 10° | 14453 | 14393 | 14453 | 10290 |
| 15° | 14280 | 14081 | 14280 | 11758 |
| 20° | 13965 | 13712 | 13965 | 11782 |
| 25° | 13337 | 13172 | 13337 | 11532 |
| 30° | 12532 | 12725 | 12532 | 10985 |
| 35° | 11156 | 12160 | 11156 | 10382 |
| 40° | 9279  | 11494 | 9279  | 9927  |
| 45° | 8276  | 10714 | 8276  | 9404  |
| 50° | 8771  | 9784  | 8771  | 8879  |
| 55° | 8230  | 8782  | 8230  | 8574  |
| 60° | 8453  | 7459  | 8453  | 7853  |
| 65° | 7627  | 6166  | 7627  | 6893  |
| 70° | 5245  | 4914  | 5245  | 5777  |
| 75° | 4548  | 3632  | 4548  | 4350  |
| 80° | 3590  | 2401  | 3590  | 2614  |
| 85° | 1954  | 1271  | 1954  | 1079  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12707 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 140.8  | 2.1       |
| 10°-20°   | 399.8  | 6.0       |
| 20°-30°   | 618.0  | 9.3       |
| 30°-40°   | 737.8  | 11.1      |
| 40°-50°   | 742.1  | 11.1      |
| 50°-60°   | 645.7  | 9.7       |
| 60°-70°   | 457.8  | 6.9       |
| 70°-80°   | 242.2  | 3.6       |
| 80°-90°   | 61.9   | 0.9       |
| 90°-100°  | 196.3  | 2.9       |
| 100°-110° | 516.2  | 7.8       |
| 110°-120° | 535.2  | 8.0       |
| 120°-130° | 429.3  | 6.4       |
| 130°-140° | 336.9  | 5.1       |
| 140°-150° | 258.5  | 3.9       |
| 150°-160° | 186.2  | 2.8       |
| 160°-170° | 113.9  | 1.7       |
| 170°-180° | 38.5   | 0.6       |
| 0°-30°    | 1158.6 | 17.4      |
| 0°-40°    | 1896.4 | 28.5      |
| 0°-60°    | 3284.1 | 49.3      |
| 0°-90°    | 4046.0 | 60.8      |
| 90°-120°  | 1247.7 | 18.7      |
| 90°-150°  | 2272.5 | 34.1      |
| 90°-180°  | 2611.0 | 39.2      |
| 0°-180°   | 6657.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1560 | 1560 | 1560 | 1560 | 1560 |      |
| 5°   | 1567 | 1616 | 1567 | 1271 | 1567 | 149  |
| 15°  | 1496 | 1601 | 1496 | 1337 | 1496 | 421  |
| 25°  | 1318 | 1493 | 1318 | 1308 | 1318 | 605  |
| 35°  | 1002 | 1333 | 1002 | 1138 | 1002 | 620  |
| 45°  | 646  | 1098 | 646  | 964  | 646  | 518  |
| 55°  | 527  | 810  | 527  | 791  | 527  | 484  |
| 65°  | 366  | 488  | 366  | 546  | 366  | 350  |
| 75°  | 139  | 232  | 139  | 278  | 139  | 146  |
| 85°  | 24   | 59   | 24   | 50   | 24   | 32   |
| 90°  | 3    | 10   | 3    | 10   | 3    | 3    |
| 95°  | 26   | 119  | 26   | 119  | 26   | 29   |
| 105° | 93   | 808  | 93   | 808  | 93   | 99   |
| 115° | 165  | 1041 | 165  | 1041 | 165  | 163  |
| 125° | 230  | 829  | 230  | 829  | 230  | 204  |
| 135° | 274  | 643  | 274  | 643  | 274  | 212  |
| 145° | 318  | 522  | 318  | 522  | 318  | 199  |
| 155° | 359  | 449  | 359  | 449  | 359  | 165  |
| 165° | 387  | 418  | 387  | 418  | 387  | 109  |
| 175° | 403  | 406  | 403  | 406  | 403  | 38   |
| 180° | 403  | 403  | 403  | 403  | 403  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 |
| 2.5°   | 1573.1 | 1573.1 | 1582.0 | 1585.0 | 1585.0 | 1580.6 | 1576.1 | 1580.6 | 1593.8 | 1598.3 | 1596.8 |
| 5°     | 1567.2 | 1579.1 | 1595.3 | 1598.3 | 1601.2 | 1599.7 | 1596.8 | 1599.7 | 1614.5 | 1617.4 | 1618.9 |
| 7.5°   | 1555.4 | 1577.6 | 1598.3 | 1602.7 | 1607.1 | 1602.7 | 1601.2 | 1604.2 | 1618.9 | 1621.9 | 1621.9 |
| 10°    | 1540.7 | 1571.7 | 1595.3 | 1598.3 | 1602.7 | 1598.3 | 1598.3 | 1604.2 | 1618.9 | 1621.9 | 1623.4 |
| 12.5°  | 1520.0 | 1562.9 | 1585.0 | 1587.9 | 1593.8 | 1592.3 | 1590.9 | 1596.8 | 1611.5 | 1614.5 | 1614.5 |
| 15°    | 1496.4 | 1546.6 | 1567.2 | 1570.2 | 1580.6 | 1577.6 | 1577.6 | 1583.5 | 1599.7 | 1604.2 | 1602.7 |
| 17.5°  | 1464.0 | 1526.0 | 1549.5 | 1554.0 | 1561.4 | 1559.9 | 1561.4 | 1567.2 | 1582.0 | 1585.0 | 1586.4 |
| 20°    | 1427.1 | 1497.9 | 1526.0 | 1530.3 | 1537.7 | 1537.7 | 1537.7 | 1545.2 | 1559.9 | 1565.8 | 1565.8 |
| 22.5°  | 1376.9 | 1468.4 | 1497.9 | 1500.9 | 1509.7 | 1509.7 | 1512.6 | 1523.0 | 1536.3 | 1537.7 | 1537.7 |
| 25°    | 1317.8 | 1435.9 | 1461.0 | 1469.9 | 1478.7 | 1483.2 | 1487.6 | 1493.4 | 1497.9 | 1496.4 | 1497.9 |
| 27.5°  | 1255.9 | 1394.6 | 1427.1 | 1432.9 | 1444.8 | 1449.2 | 1455.1 | 1456.6 | 1458.0 | 1462.5 | 1459.5 |
| 30°    | 1186.5 | 1337.0 | 1385.7 | 1391.7 | 1410.9 | 1413.7 | 1407.9 | 1410.9 | 1418.2 | 1421.2 | 1424.1 |
| 32.5°  | 1108.3 | 1251.5 | 1342.9 | 1356.2 | 1374.0 | 1365.1 | 1363.6 | 1368.0 | 1379.8 | 1379.8 | 1382.8 |
| 35°    | 1002.1 | 1185.0 | 1303.1 | 1314.9 | 1328.2 | 1317.8 | 1323.7 | 1325.2 | 1332.6 | 1337.0 | 1335.6 |
| 37.5°  | 885.5  | 1127.5 | 1261.7 | 1270.6 | 1280.9 | 1267.7 | 1276.6 | 1280.9 | 1286.9 | 1283.9 | 1283.9 |
| 40°    | 782.1  | 1037.5 | 1213.1 | 1219.0 | 1227.8 | 1217.5 | 1226.3 | 1229.3 | 1232.3 | 1229.3 | 1227.8 |
| 42.5°  | 705.4  | 938.6  | 1161.5 | 1168.8 | 1162.9 | 1170.3 | 1173.2 | 1179.2 | 1174.7 | 1168.8 | 1168.8 |
| 45°    | 646.4  | 912.1  | 1105.3 | 1114.2 | 1105.3 | 1117.2 | 1121.6 | 1121.6 | 1108.3 | 1105.3 | 1103.9 |
| 47.5°  | 627.2  | 858.9  | 1049.2 | 1049.2 | 1044.9 | 1059.6 | 1066.9 | 1056.6 | 1043.4 | 1038.9 | 1038.9 |
| 50°    | 625.7  | 799.8  | 972.5  | 966.6  | 987.3  | 1005.0 | 997.6  | 987.3  | 976.9  | 960.7  | 960.7  |
| 52.5°  | 568.1  | 727.5  | 873.7  | 895.8  | 928.3  | 938.6  | 926.8  | 916.4  | 898.7  | 891.4  | 885.5  |
| 55°    | 526.9  | 652.3  | 783.6  | 827.9  | 861.8  | 875.1  | 853.0  | 842.6  | 816.1  | 811.7  | 808.7  |
| 57.5°  | 518.0  | 543.1  | 701.0  | 757.1  | 798.3  | 797.0  | 783.6  | 764.4  | 742.3  | 737.9  | 736.4  |
| 60°    | 475.2  | 392.6  | 612.4  | 678.9  | 721.6  | 717.2  | 705.4  | 687.7  | 667.0  | 664.1  | 661.2  |
| 62.5°  | 431.0  | 284.8  | 512.1  | 587.3  | 647.8  | 646.4  | 636.1  | 609.5  | 594.7  | 587.3  | 581.5  |
| 65°    | 366.0  | 239.1  | 364.5  | 488.5  | 575.5  | 578.5  | 556.4  | 537.2  | 521.0  | 512.1  | 510.6  |
| 67.5°  | 278.9  | 194.8  | 246.4  | 407.3  | 506.2  | 503.3  | 475.2  | 466.4  | 445.7  | 441.2  | 432.4  |
| 70°    | 206.6  | 129.8  | 171.2  | 330.6  | 438.3  | 431.0  | 408.8  | 398.4  | 379.2  | 369.0  | 363.0  |
| 72.5°  | 171.2  | 104.8  | 125.4  | 256.8  | 369.0  | 360.1  | 340.9  | 329.1  | 312.9  | 304.0  | 298.1  |
| 75°    | 138.7  | 110.7  | 95.9   | 190.4  | 299.5  | 293.7  | 276.0  | 264.1  | 250.9  | 239.1  | 240.5  |
| 77.5°  | 101.9  | 103.3  | 76.7   | 140.2  | 237.6  | 228.7  | 218.4  | 203.6  | 197.8  | 185.9  | 185.9  |
| 80°    | 76.7   | 81.2   | 57.6   | 95.9   | 171.2  | 171.2  | 162.4  | 152.0  | 141.7  | 135.8  | 135.8  |
| 82.5°  | 51.6   | 51.6   | 42.8   | 60.5   | 116.6  | 112.1  | 106.2  | 103.3  | 97.4   | 94.4   | 94.4   |
| 85°    | 23.6   | 29.5   | 26.6   | 36.9   | 63.5   | 66.4   | 66.4   | 63.5   | 62.0   | 59.0   | 60.5   |
| 87.5°  | 7.4    | 13.3   | 16.2   | 20.7   | 32.4   | 33.9   | 35.4   | 35.4   | 35.4   | 36.9   | 36.9   |
| 90°    | 2.7    | 4.9    | 7.1    | 7.6    | 11.9   | 17.7   | 20.6   | 18.3   | 13.7   | 10.3   | 10.3   |
| 92.5°  | 10.8   | 29.2   | 47.5   | 52.1   | 73.3   | 101.6  | 115.7  | 101.4  | 72.8   | 51.4   | 49.4   |
| 95°    | 26.0   | 59.6   | 93.3   | 101.7  | 180.5  | 285.6  | 338.2  | 301.7  | 228.9  | 174.3  | 168.1  |
| 97.5°  | 44.9   | 74.6   | 104.2  | 111.6  | 243.1  | 418.4  | 506.0  | 483.0  | 437.1  | 402.5  | 390.8  |
| 100°   | 59.5   | 86.3   | 113.3  | 120.0  | 265.9  | 460.4  | 557.7  | 559.3  | 562.7  | 565.3  | 551.2  |
| 102.5° | 71.9   | 97.1   | 122.1  | 128.4  | 276.3  | 473.7  | 572.3  | 601.6  | 660.2  | 704.2  | 692.1  |
| 105°   | 93.0   | 114.2  | 135.5  | 140.8  | 284.1  | 475.2  | 570.7  | 636.4  | 767.8  | 866.4  | 859.9  |
| 107.5° | 114.6  | 134.5  | 154.3  | 159.2  | 285.6  | 454.0  | 538.2  | 629.9  | 813.2  | 950.7  | 952.3  |
| 110°   | 129.2  | 147.1  | 165.1  | 169.5  | 283.4  | 435.2  | 511.2  | 613.7  | 818.6  | 972.3  | 979.0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°   | 60°   | 67.5° | 70°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 143.5 | 160.6 | 177.6 | 181.9 | 283.5 | 418.9 | 486.6 | 591.5 | 801.2 | 958.5 | 968.9 |
| 115°   | 165.2 | 180.9 | 196.6 | 200.6 | 286.1 | 400.1 | 457.1 | 558.2 | 760.2 | 911.8 | 926.1 |
| 117.5° | 186.5 | 200.8 | 215.1 | 218.7 | 291.4 | 388.3 | 436.8 | 528.0 | 710.4 | 847.2 | 863.1 |
| 120°   | 199.0 | 212.4 | 225.9 | 229.3 | 295.7 | 384.4 | 428.7 | 512.1 | 678.7 | 803.7 | 819.1 |
| 122.5° | 211.1 | 224.7 | 238.2 | 241.6 | 301.9 | 382.3 | 422.5 | 497.5 | 647.6 | 760.2 | 775.4 |
| 125°   | 229.8 | 242.2 | 254.5 | 257.6 | 310.4 | 380.6 | 415.8 | 479.5 | 607.0 | 702.6 | 716.6 |
| 127.5° | 245.0 | 257.4 | 269.9 | 273.0 | 318.7 | 379.7 | 410.1 | 464.9 | 574.3 | 656.4 | 668.2 |
| 130°   | 253.1 | 266.5 | 279.9 | 283.3 | 324.8 | 380.2 | 407.9 | 456.7 | 554.1 | 627.2 | 638.1 |
| 132.5° | 261.4 | 274.9 | 288.3 | 291.7 | 329.8 | 380.6 | 406.0 | 449.6 | 536.9 | 602.3 | 612.1 |
| 135°   | 273.8 | 286.0 | 298.3 | 301.4 | 335.2 | 380.3 | 402.8 | 439.3 | 512.4 | 567.2 | 575.6 |
| 137.5° | 286.6 | 298.7 | 310.8 | 313.8 | 343.3 | 382.6 | 402.3 | 433.1 | 494.9 | 541.2 | 548.1 |
| 140°   | 297.1 | 308.3 | 319.4 | 322.2 | 348.3 | 383.0 | 400.4 | 427.0 | 480.3 | 520.3 | 526.8 |
| 142.5° | 305.2 | 315.5 | 325.8 | 328.4 | 352.4 | 384.4 | 400.4 | 423.8 | 470.6 | 505.8 | 511.4 |
| 145°   | 317.6 | 326.7 | 335.6 | 337.9 | 357.8 | 384.4 | 397.6 | 416.8 | 455.1 | 483.9 | 488.1 |
| 147.5° | 330.1 | 338.8 | 347.6 | 349.8 | 365.7 | 387.0 | 397.6 | 412.7 | 442.9 | 465.5 | 469.0 |
| 150°   | 338.2 | 346.1 | 354.0 | 356.1 | 369.9 | 388.4 | 397.6 | 410.4 | 435.8 | 454.9 | 457.7 |
| 152.5° | 346.5 | 352.6 | 358.6 | 360.1 | 372.6 | 389.3 | 397.6 | 408.5 | 430.3 | 446.6 | 448.7 |
| 155°   | 359.0 | 363.5 | 367.8 | 369.0 | 378.5 | 391.3 | 397.6 | 406.3 | 423.5 | 436.5 | 437.9 |
| 157.5° | 368.2 | 372.5 | 376.9 | 377.9 | 384.5 | 393.3 | 397.6 | 404.4 | 417.8 | 427.9 | 428.9 |
| 160°   | 374.4 | 377.8 | 381.1 | 382.0 | 387.2 | 394.2 | 397.6 | 403.4 | 415.0 | 423.6 | 424.2 |
| 162.5° | 380.6 | 383.2 | 385.7 | 386.3 | 390.1 | 395.1 | 397.6 | 402.5 | 412.2 | 419.5 | 420.1 |
| 165°   | 387.4 | 389.6 | 391.9 | 392.5 | 394.2 | 396.5 | 397.6 | 401.1 | 408.1 | 413.3 | 414.0 |
| 167.5° | 393.5 | 394.6 | 395.7 | 396.0 | 397.5 | 399.4 | 400.4 | 402.6 | 407.2 | 410.6 | 410.9 |
| 170°   | 397.6 | 398.7 | 399.8 | 400.1 | 400.2 | 400.3 | 400.4 | 402.6 | 407.2 | 410.6 | 410.6 |
| 172.5° | 399.8 | 400.1 | 400.3 | 400.4 | 400.4 | 400.4 | 400.4 | 402.2 | 405.8 | 408.5 | 408.3 |
| 175°   | 402.8 | 402.8 | 402.8 | 402.8 | 402.0 | 400.9 | 400.4 | 401.5 | 403.8 | 405.5 | 405.5 |
| 177.5° | 402.8 | 402.8 | 402.8 | 402.8 | 402.2 | 401.3 | 400.9 | 401.7 | 403.6 | 405.0 | 404.7 |
| 180°   | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 |
| 2.5°   | 1599.7 | 1595.3 | 1599.7 | 1596.8 | 1598.3 | 1593.8 | 1580.6 | 1576.1 | 1580.6 | 1585.0 | 1585.0 |
| 5°     | 1618.9 | 1616.0 | 1618.9 | 1618.9 | 1617.4 | 1614.5 | 1599.7 | 1596.8 | 1599.7 | 1601.2 | 1598.3 |
| 7.5°   | 1624.8 | 1620.4 | 1624.8 | 1621.9 | 1621.9 | 1618.9 | 1604.2 | 1601.2 | 1602.7 | 1607.1 | 1602.7 |
| 10°    | 1624.8 | 1620.4 | 1624.8 | 1623.4 | 1621.9 | 1618.9 | 1604.2 | 1598.3 | 1598.3 | 1602.7 | 1598.3 |
| 12.5°  | 1617.4 | 1614.5 | 1617.4 | 1614.5 | 1614.5 | 1611.5 | 1596.8 | 1590.9 | 1592.3 | 1593.8 | 1587.9 |
| 15°    | 1605.6 | 1601.2 | 1605.6 | 1602.7 | 1604.2 | 1599.7 | 1583.5 | 1577.6 | 1577.6 | 1580.6 | 1570.2 |
| 17.5°  | 1587.9 | 1582.0 | 1587.9 | 1586.4 | 1585.0 | 1582.0 | 1567.2 | 1561.4 | 1559.9 | 1561.4 | 1554.0 |
| 20°    | 1567.2 | 1562.9 | 1567.2 | 1565.8 | 1565.8 | 1559.9 | 1545.2 | 1537.7 | 1537.7 | 1537.7 | 1530.3 |
| 22.5°  | 1534.8 | 1530.3 | 1534.8 | 1537.7 | 1537.7 | 1536.3 | 1523.0 | 1512.6 | 1509.7 | 1509.7 | 1500.9 |
| 25°    | 1497.9 | 1493.4 | 1497.9 | 1497.9 | 1496.4 | 1497.9 | 1493.4 | 1487.6 | 1483.2 | 1478.7 | 1469.9 |
| 27.5°  | 1462.5 | 1459.5 | 1462.5 | 1459.5 | 1462.5 | 1458.0 | 1456.6 | 1455.1 | 1449.2 | 1444.8 | 1432.9 |
| 30°    | 1427.1 | 1424.1 | 1427.1 | 1424.1 | 1421.2 | 1418.2 | 1410.9 | 1407.9 | 1413.7 | 1410.9 | 1391.7 |
| 32.5°  | 1382.8 | 1379.8 | 1382.8 | 1382.8 | 1379.8 | 1379.8 | 1368.0 | 1363.6 | 1365.1 | 1374.0 | 1356.2 |
| 35°    | 1337.0 | 1332.6 | 1337.0 | 1335.6 | 1337.0 | 1332.6 | 1325.2 | 1323.7 | 1317.8 | 1328.2 | 1314.9 |
| 37.5°  | 1283.9 | 1279.4 | 1283.9 | 1283.9 | 1283.9 | 1286.9 | 1280.9 | 1276.6 | 1267.7 | 1280.9 | 1270.6 |
| 40°    | 1229.3 | 1223.4 | 1229.3 | 1227.8 | 1229.3 | 1232.3 | 1229.3 | 1226.3 | 1217.5 | 1227.8 | 1219.0 |
| 42.5°  | 1167.3 | 1165.8 | 1167.3 | 1168.8 | 1168.8 | 1174.7 | 1179.2 | 1173.2 | 1170.3 | 1162.9 | 1168.8 |
| 45°    | 1100.9 | 1098.0 | 1100.9 | 1103.9 | 1105.3 | 1108.3 | 1121.6 | 1121.6 | 1117.2 | 1105.3 | 1114.2 |
| 47.5°  | 1030.0 | 1022.7 | 1030.0 | 1038.9 | 1038.9 | 1043.4 | 1056.6 | 1066.9 | 1059.6 | 1044.9 | 1049.2 |
| 50°    | 954.8  | 956.3  | 954.8  | 960.7  | 960.7  | 976.9  | 987.3  | 997.6  | 1005.0 | 987.3  | 966.6  |
| 52.5°  | 881.0  | 879.5  | 881.0  | 885.5  | 891.4  | 898.7  | 916.4  | 926.8  | 938.6  | 928.3  | 895.8  |
| 55°    | 807.2  | 810.2  | 807.2  | 808.7  | 811.7  | 816.1  | 842.6  | 853.0  | 875.1  | 861.8  | 827.9  |
| 57.5°  | 733.5  | 729.0  | 733.5  | 736.4  | 737.9  | 742.3  | 764.4  | 783.6  | 797.0  | 798.3  | 757.1  |
| 60°    | 647.8  | 642.0  | 647.8  | 661.2  | 664.1  | 667.0  | 687.7  | 705.4  | 717.2  | 721.6  | 678.9  |
| 62.5°  | 572.6  | 562.3  | 572.6  | 581.5  | 587.3  | 594.7  | 609.5  | 636.1  | 646.4  | 647.8  | 587.3  |
| 65°    | 492.9  | 488.5  | 492.9  | 510.6  | 512.1  | 521.0  | 537.2  | 556.4  | 578.5  | 575.5  | 488.5  |
| 67.5°  | 420.6  | 420.6  | 420.6  | 432.4  | 441.2  | 445.7  | 466.4  | 475.2  | 503.3  | 506.2  | 407.3  |
| 70°    | 354.2  | 352.7  | 354.2  | 363.0  | 369.0  | 379.2  | 398.4  | 408.8  | 431.0  | 438.3  | 330.6  |
| 72.5°  | 290.7  | 289.3  | 290.7  | 298.1  | 304.0  | 312.9  | 329.1  | 340.9  | 360.1  | 369.0  | 256.8  |
| 75°    | 234.7  | 231.7  | 234.7  | 240.5  | 239.1  | 250.9  | 264.1  | 276.0  | 293.7  | 299.5  | 190.4  |
| 77.5°  | 180.1  | 180.1  | 180.1  | 185.9  | 185.9  | 197.8  | 203.6  | 218.4  | 228.7  | 237.6  | 140.2  |
| 80°    | 134.3  | 132.8  | 134.3  | 135.8  | 135.8  | 141.7  | 152.0  | 162.4  | 171.2  | 171.2  | 95.9   |
| 82.5°  | 94.4   | 91.5   | 94.4   | 94.4   | 94.4   | 97.4   | 103.3  | 106.2  | 112.1  | 116.6  | 60.5   |
| 85°    | 59.0   | 59.0   | 59.0   | 60.5   | 59.0   | 62.0   | 63.5   | 66.4   | 66.4   | 63.5   | 36.9   |
| 87.5°  | 38.4   | 36.9   | 38.4   | 36.9   | 36.9   | 35.4   | 35.4   | 35.4   | 33.9   | 32.4   | 20.7   |
| 90°    | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 13.7   | 18.3   | 20.6   | 17.7   | 11.9   | 7.6    |
| 92.5°  | 41.2   | 33.0   | 41.2   | 49.4   | 51.4   | 72.8   | 101.4  | 115.7  | 101.6  | 73.3   | 52.1   |
| 95°    | 143.4  | 118.7  | 143.4  | 168.1  | 174.3  | 228.9  | 301.7  | 338.2  | 285.6  | 180.5  | 101.7  |
| 97.5°  | 343.7  | 296.6  | 343.7  | 390.8  | 402.5  | 437.1  | 483.0  | 506.0  | 418.4  | 243.1  | 111.6  |
| 100°   | 495.1  | 439.0  | 495.1  | 551.2  | 565.3  | 562.7  | 559.3  | 557.7  | 460.4  | 265.9  | 120.0  |
| 102.5° | 644.1  | 596.0  | 644.1  | 692.1  | 704.2  | 660.2  | 601.6  | 572.3  | 473.7  | 276.3  | 128.4  |
| 105°   | 834.1  | 808.3  | 834.1  | 859.9  | 866.4  | 767.8  | 636.4  | 570.7  | 475.2  | 284.1  | 140.8  |
| 107.5° | 958.5  | 964.8  | 958.5  | 952.3  | 950.7  | 813.2  | 629.9  | 538.2  | 454.0  | 285.6  | 159.2  |
| 110°   | 1006.0 | 1032.9 | 1006.0 | 979.0  | 972.3  | 818.6  | 613.7  | 511.2  | 435.2  | 283.4  | 169.5  |





TEST NUMBER: P934932

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°  | 112.5° | 120°  | 130°  | 135°  | 140°  | 150°  | 157.5° |
|--------|--------|--------|--------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 1010.3 | 1051.6 | 1010.3 | 968.9 | 958.5  | 801.2 | 591.5 | 486.6 | 418.9 | 283.5 | 181.9  |
| 115°   | 983.5  | 1040.8 | 983.5  | 926.1 | 911.8  | 760.2 | 558.2 | 457.1 | 400.1 | 286.1 | 200.6  |
| 117.5° | 926.6  | 990.2  | 926.6  | 863.1 | 847.2  | 710.4 | 528.0 | 436.8 | 388.3 | 291.4 | 218.7  |
| 120°   | 880.8  | 942.6  | 880.8  | 819.1 | 803.7  | 678.7 | 512.1 | 428.7 | 384.4 | 295.7 | 229.3  |
| 122.5° | 836.3  | 897.2  | 836.3  | 775.4 | 760.2  | 647.6 | 497.5 | 422.5 | 382.3 | 301.9 | 241.6  |
| 125°   | 772.7  | 828.8  | 772.7  | 716.6 | 702.6  | 607.0 | 479.5 | 415.8 | 380.6 | 310.4 | 257.6  |
| 127.5° | 715.5  | 762.9  | 715.5  | 668.2 | 656.4  | 574.3 | 464.9 | 410.1 | 379.7 | 318.7 | 273.0  |
| 130°   | 681.8  | 725.5  | 681.8  | 638.1 | 627.2  | 554.1 | 456.7 | 407.9 | 380.2 | 324.8 | 283.3  |
| 132.5° | 651.2  | 690.4  | 651.2  | 612.1 | 602.3  | 536.9 | 449.6 | 406.0 | 380.6 | 329.8 | 291.7  |
| 135°   | 609.4  | 643.1  | 609.4  | 575.6 | 567.2  | 512.4 | 439.3 | 402.8 | 380.3 | 335.2 | 301.4  |
| 137.5° | 575.7  | 603.4  | 575.7  | 548.1 | 541.2  | 494.9 | 433.1 | 402.3 | 382.6 | 343.3 | 313.8  |
| 140°   | 552.7  | 578.5  | 552.7  | 526.8 | 520.3  | 480.3 | 427.0 | 400.4 | 383.0 | 348.3 | 322.2  |
| 142.5° | 533.5  | 555.7  | 533.5  | 511.4 | 505.8  | 470.6 | 423.8 | 400.4 | 384.4 | 352.4 | 328.4  |
| 145°   | 504.9  | 521.7  | 504.9  | 488.1 | 483.9  | 455.1 | 416.8 | 397.6 | 384.4 | 357.8 | 337.9  |
| 147.5° | 482.9  | 496.9  | 482.9  | 469.0 | 465.5  | 442.9 | 412.7 | 397.6 | 387.0 | 365.7 | 349.8  |
| 150°   | 469.1  | 480.4  | 469.1  | 457.7 | 454.9  | 435.8 | 410.4 | 397.6 | 388.4 | 369.9 | 356.1  |
| 152.5° | 457.2  | 465.8  | 457.2  | 448.7 | 446.6  | 430.3 | 408.5 | 397.6 | 389.3 | 372.6 | 360.1  |
| 155°   | 443.6  | 449.3  | 443.6  | 437.9 | 436.5  | 423.5 | 406.3 | 397.6 | 391.3 | 378.5 | 369.0  |
| 157.5° | 432.9  | 436.8  | 432.9  | 428.9 | 427.9  | 417.8 | 404.4 | 397.6 | 393.3 | 384.5 | 377.9  |
| 160°   | 426.4  | 428.7  | 426.4  | 424.2 | 423.6  | 415.0 | 403.4 | 397.6 | 394.2 | 387.2 | 382.0  |
| 162.5° | 422.2  | 424.4  | 422.2  | 420.1 | 419.5  | 412.2 | 402.5 | 397.6 | 395.1 | 390.1 | 386.3  |
| 165°   | 416.2  | 418.5  | 416.2  | 414.0 | 413.3  | 408.1 | 401.1 | 397.6 | 396.5 | 394.2 | 392.5  |
| 167.5° | 411.9  | 412.8  | 411.9  | 410.9 | 410.6  | 407.2 | 402.6 | 400.4 | 399.4 | 397.5 | 396.0  |
| 170°   | 410.6  | 410.6  | 410.6  | 410.6 | 410.6  | 407.2 | 402.6 | 400.4 | 400.3 | 400.2 | 400.1  |
| 172.5° | 407.4  | 406.5  | 407.4  | 408.3 | 408.5  | 405.8 | 402.2 | 400.4 | 400.4 | 400.4 | 400.4  |
| 175°   | 405.5  | 405.5  | 405.5  | 405.5 | 405.5  | 403.8 | 401.5 | 400.4 | 400.9 | 402.0 | 402.8  |
| 177.5° | 403.8  | 402.8  | 403.8  | 404.7 | 405.0  | 403.6 | 401.7 | 400.9 | 401.3 | 402.2 | 402.8  |
| 180°   | 402.8  | 402.8  | 402.8  | 402.8 | 402.8  | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8  |



TEST NUMBER: P934932

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 |
| 2.5°   | 1582.0 | 1573.1 | 1573.1 | 1558.4 | 1552.5 | 1548.0 | 1540.7 | 1518.6 | 1512.6 | 1506.8 | 1515.6 |
| 5°     | 1595.3 | 1579.1 | 1567.2 | 1540.7 | 1518.6 | 1509.7 | 1481.7 | 1428.6 | 1393.2 | 1366.6 | 1351.8 |
| 7.5°   | 1598.3 | 1577.6 | 1555.4 | 1514.1 | 1461.0 | 1437.4 | 1351.8 | 1254.4 | 1227.8 | 1204.2 | 1189.5 |
| 10°    | 1595.3 | 1571.7 | 1540.7 | 1478.7 | 1353.3 | 1312.0 | 1226.3 | 1162.9 | 1146.6 | 1142.3 | 1146.6 |
| 12.5°  | 1585.0 | 1562.9 | 1520.0 | 1416.7 | 1241.1 | 1213.1 | 1162.9 | 1126.0 | 1123.1 | 1130.4 | 1170.3 |
| 15°    | 1567.2 | 1546.6 | 1496.4 | 1334.1 | 1179.2 | 1158.5 | 1123.1 | 1109.8 | 1126.0 | 1177.7 | 1297.2 |
| 17.5°  | 1549.5 | 1526.0 | 1464.0 | 1252.9 | 1131.9 | 1117.2 | 1092.0 | 1118.6 | 1210.1 | 1279.4 | 1319.3 |
| 20°    | 1526.0 | 1497.9 | 1427.1 | 1193.9 | 1098.0 | 1084.7 | 1072.9 | 1192.4 | 1261.7 | 1286.9 | 1309.0 |
| 22.5°  | 1497.9 | 1468.4 | 1376.9 | 1152.6 | 1062.6 | 1052.2 | 1059.6 | 1233.8 | 1261.7 | 1279.4 | 1298.6 |
| 25°    | 1461.0 | 1435.9 | 1317.8 | 1120.1 | 1034.5 | 1022.7 | 1050.7 | 1229.3 | 1245.5 | 1250.0 | 1288.3 |
| 27.5°  | 1427.1 | 1394.6 | 1255.9 | 1090.6 | 1000.6 | 996.1  | 1058.1 | 1210.1 | 1221.9 | 1226.3 | 1267.7 |
| 30°    | 1385.7 | 1337.0 | 1186.5 | 1059.6 | 965.2  | 963.7  | 1059.6 | 1186.5 | 1183.5 | 1195.4 | 1236.7 |
| 32.5°  | 1342.9 | 1251.5 | 1108.3 | 1021.2 | 931.2  | 929.8  | 1049.2 | 1151.1 | 1148.1 | 1164.3 | 1195.4 |
| 35°    | 1303.1 | 1185.0 | 1002.1 | 976.9  | 888.4  | 889.9  | 1024.2 | 1109.8 | 1111.2 | 1126.0 | 1145.2 |
| 37.5°  | 1261.7 | 1127.5 | 885.5  | 928.3  | 847.1  | 847.1  | 990.2  | 1071.4 | 1068.4 | 1072.9 | 1099.5 |
| 40°    | 1213.1 | 1037.5 | 782.1  | 864.8  | 808.7  | 804.3  | 948.9  | 1030.0 | 1019.8 | 1018.3 | 1055.2 |
| 42.5°  | 1161.5 | 938.6  | 705.4  | 780.6  | 764.4  | 758.6  | 898.7  | 979.9  | 960.7  | 965.2  | 1012.3 |
| 45°    | 1105.3 | 912.1  | 646.4  | 659.7  | 718.7  | 714.3  | 844.1  | 922.4  | 909.1  | 920.9  | 969.6  |
| 47.5°  | 1049.2 | 858.9  | 627.2  | 547.6  | 670.0  | 668.5  | 783.6  | 866.3  | 858.9  | 870.7  | 922.4  |
| 50°    | 972.5  | 799.8  | 625.7  | 469.3  | 615.4  | 621.3  | 711.3  | 811.7  | 811.7  | 822.0  | 876.6  |
| 52.5°  | 873.7  | 727.5  | 568.1  | 425.0  | 551.9  | 569.6  | 647.8  | 764.4  | 767.4  | 777.8  | 826.4  |
| 55°    | 783.6  | 652.3  | 526.9  | 391.1  | 476.7  | 515.0  | 585.9  | 715.8  | 721.6  | 732.0  | 776.3  |
| 57.5°  | 701.0  | 543.1  | 518.0  | 351.3  | 407.3  | 444.2  | 531.2  | 668.5  | 671.5  | 680.4  | 723.1  |
| 60°    | 612.4  | 392.6  | 475.2  | 308.4  | 346.8  | 374.8  | 481.1  | 612.4  | 622.8  | 628.6  | 665.5  |
| 62.5°  | 512.1  | 284.8  | 431.0  | 278.9  | 317.2  | 323.2  | 439.8  | 559.3  | 572.6  | 577.0  | 599.2  |
| 65°    | 364.5  | 239.1  | 366.0  | 253.8  | 286.3  | 287.8  | 395.5  | 504.7  | 516.5  | 523.9  | 540.1  |
| 67.5°  | 246.4  | 194.8  | 278.9  | 230.2  | 262.7  | 264.1  | 352.7  | 441.2  | 457.5  | 463.4  | 473.7  |
| 70°    | 171.2  | 129.8  | 206.6  | 205.1  | 236.1  | 239.1  | 307.0  | 383.7  | 398.4  | 402.9  | 408.8  |
| 72.5°  | 125.4  | 104.8  | 171.2  | 184.4  | 208.1  | 211.0  | 259.7  | 318.7  | 333.6  | 337.9  | 340.9  |
| 75°    | 95.9   | 110.7  | 138.7  | 160.9  | 177.1  | 178.6  | 212.5  | 259.7  | 270.1  | 273.0  | 274.5  |
| 77.5°  | 76.7   | 103.3  | 101.9  | 129.8  | 144.6  | 141.7  | 166.7  | 200.7  | 209.5  | 209.5  | 209.5  |
| 80°    | 57.6   | 81.2   | 76.7   | 93.0   | 106.2  | 103.3  | 119.6  | 143.2  | 146.1  | 149.0  | 147.5  |
| 82.5°  | 42.8   | 51.6   | 51.6   | 59.0   | 70.8   | 67.8   | 79.7   | 93.0   | 93.0   | 93.0   | 95.9   |
| 85°    | 26.6   | 29.5   | 23.6   | 31.0   | 39.9   | 38.4   | 44.3   | 50.1   | 51.6   | 51.6   | 48.7   |
| 87.5°  | 16.2   | 13.3   | 7.4    | 11.8   | 17.7   | 17.7   | 20.7   | 22.1   | 20.7   | 20.7   | 20.7   |
| 90°    | 7.1    | 4.9    | 2.7    | 4.9    | 7.1    | 7.6    | 11.9   | 17.7   | 20.6   | 18.3   | 13.7   |
| 92.5°  | 47.5   | 29.2   | 10.8   | 29.2   | 47.5   | 52.1   | 73.3   | 101.6  | 115.7  | 101.4  | 72.8   |
| 95°    | 93.3   | 59.6   | 26.0   | 59.6   | 93.3   | 101.7  | 180.5  | 285.6  | 338.2  | 301.7  | 228.9  |
| 97.5°  | 104.2  | 74.6   | 44.9   | 74.6   | 104.2  | 111.6  | 243.1  | 418.4  | 506.0  | 483.0  | 437.1  |
| 100°   | 113.3  | 86.3   | 59.5   | 86.3   | 113.3  | 120.0  | 265.9  | 460.4  | 557.7  | 559.3  | 562.7  |
| 102.5° | 122.1  | 97.1   | 71.9   | 97.1   | 122.1  | 128.4  | 276.3  | 473.7  | 572.3  | 601.6  | 660.2  |
| 105°   | 135.5  | 114.2  | 93.0   | 114.2  | 135.5  | 140.8  | 284.1  | 475.2  | 570.7  | 636.4  | 767.8  |
| 107.5° | 154.3  | 134.5  | 114.6  | 134.5  | 154.3  | 159.2  | 285.6  | 454.0  | 538.2  | 629.9  | 813.2  |
| 110°   | 165.1  | 147.1  | 129.2  | 147.1  | 165.1  | 169.5  | 283.4  | 435.2  | 511.2  | 613.7  | 818.6  |



TEST NUMBER: P934932

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 160°  | 170°  | 180°  | 190°  | 200°  | 202.5° | 210°  | 220°  | 225°  | 230°  | 240°  |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 177.6 | 160.6 | 143.5 | 160.6 | 177.6 | 181.9  | 283.5 | 418.9 | 486.6 | 591.5 | 801.2 |
| 115°   | 196.6 | 180.9 | 165.2 | 180.9 | 196.6 | 200.6  | 286.1 | 400.1 | 457.1 | 558.2 | 760.2 |
| 117.5° | 215.1 | 200.8 | 186.5 | 200.8 | 215.1 | 218.7  | 291.4 | 388.3 | 436.8 | 528.0 | 710.4 |
| 120°   | 225.9 | 212.4 | 199.0 | 212.4 | 225.9 | 229.3  | 295.7 | 384.4 | 428.7 | 512.1 | 678.7 |
| 122.5° | 238.2 | 224.7 | 211.1 | 224.7 | 238.2 | 241.6  | 301.9 | 382.3 | 422.5 | 497.5 | 647.6 |
| 125°   | 254.5 | 242.2 | 229.8 | 242.2 | 254.5 | 257.6  | 310.4 | 380.6 | 415.8 | 479.5 | 607.0 |
| 127.5° | 269.9 | 257.4 | 245.0 | 257.4 | 269.9 | 273.0  | 318.7 | 379.7 | 410.1 | 464.9 | 574.3 |
| 130°   | 279.9 | 266.5 | 253.1 | 266.5 | 279.9 | 283.3  | 324.8 | 380.2 | 407.9 | 456.7 | 554.1 |
| 132.5° | 288.3 | 274.9 | 261.4 | 274.9 | 288.3 | 291.7  | 329.8 | 380.6 | 406.0 | 449.6 | 536.9 |
| 135°   | 298.3 | 286.0 | 273.8 | 286.0 | 298.3 | 301.4  | 335.2 | 380.3 | 402.8 | 439.3 | 512.4 |
| 137.5° | 310.8 | 298.7 | 286.6 | 298.7 | 310.8 | 313.8  | 343.3 | 382.6 | 402.3 | 433.1 | 494.9 |
| 140°   | 319.4 | 308.3 | 297.1 | 308.3 | 319.4 | 322.2  | 348.3 | 383.0 | 400.4 | 427.0 | 480.3 |
| 142.5° | 325.8 | 315.5 | 305.2 | 315.5 | 325.8 | 328.4  | 352.4 | 384.4 | 400.4 | 423.8 | 470.6 |
| 145°   | 335.6 | 326.7 | 317.6 | 326.7 | 335.6 | 337.9  | 357.8 | 384.4 | 397.6 | 416.8 | 455.1 |
| 147.5° | 347.6 | 338.8 | 330.1 | 338.8 | 347.6 | 349.8  | 365.7 | 387.0 | 397.6 | 412.7 | 442.9 |
| 150°   | 354.0 | 346.1 | 338.2 | 346.1 | 354.0 | 356.1  | 369.9 | 388.4 | 397.6 | 410.4 | 435.8 |
| 152.5° | 358.6 | 352.6 | 346.5 | 352.6 | 358.6 | 360.1  | 372.6 | 389.3 | 397.6 | 408.5 | 430.3 |
| 155°   | 367.8 | 363.5 | 359.0 | 363.5 | 367.8 | 369.0  | 378.5 | 391.3 | 397.6 | 406.3 | 423.5 |
| 157.5° | 376.9 | 372.5 | 368.2 | 372.5 | 376.9 | 377.9  | 384.5 | 393.3 | 397.6 | 404.4 | 417.8 |
| 160°   | 381.1 | 377.8 | 374.4 | 377.8 | 381.1 | 382.0  | 387.2 | 394.2 | 397.6 | 403.4 | 415.0 |
| 162.5° | 385.7 | 383.2 | 380.6 | 383.2 | 385.7 | 386.3  | 390.1 | 395.1 | 397.6 | 402.5 | 412.2 |
| 165°   | 391.9 | 389.6 | 387.4 | 389.6 | 391.9 | 392.5  | 394.2 | 396.5 | 397.6 | 401.1 | 408.1 |
| 167.5° | 395.7 | 394.6 | 393.5 | 394.6 | 395.7 | 396.0  | 397.5 | 399.4 | 400.4 | 402.6 | 407.2 |
| 170°   | 399.8 | 398.7 | 397.6 | 398.7 | 399.8 | 400.1  | 400.2 | 400.3 | 400.4 | 402.6 | 407.2 |
| 172.5° | 400.3 | 400.1 | 399.8 | 400.1 | 400.3 | 400.4  | 400.4 | 400.4 | 400.4 | 402.2 | 405.8 |
| 175°   | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8  | 402.0 | 400.9 | 400.4 | 401.5 | 403.8 |
| 177.5° | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8  | 402.2 | 401.3 | 400.9 | 401.7 | 403.6 |
| 180°   | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8  | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 |



TEST NUMBER: P934932

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 |
| 2.5°   | 1505.3 | 1500.9 | 1506.8 | 1490.5 | 1506.8 | 1500.9 | 1505.3 | 1515.6 | 1506.8 | 1512.6 | 1518.6 |
| 5°     | 1320.8 | 1313.5 | 1289.8 | 1270.6 | 1289.8 | 1313.5 | 1320.8 | 1351.8 | 1366.6 | 1393.2 | 1428.6 |
| 7.5°   | 1180.6 | 1174.7 | 1168.8 | 1157.0 | 1168.8 | 1174.7 | 1180.6 | 1189.5 | 1204.2 | 1227.8 | 1254.4 |
| 10°    | 1149.6 | 1151.1 | 1160.0 | 1158.5 | 1160.0 | 1151.1 | 1149.6 | 1146.6 | 1142.3 | 1146.6 | 1162.9 |
| 12.5°  | 1229.3 | 1242.6 | 1291.3 | 1288.3 | 1291.3 | 1242.6 | 1229.3 | 1170.3 | 1130.4 | 1123.1 | 1126.0 |
| 15°    | 1320.8 | 1325.2 | 1335.6 | 1337.0 | 1335.6 | 1325.2 | 1320.8 | 1297.2 | 1177.7 | 1126.0 | 1109.8 |
| 17.5°  | 1329.7 | 1331.2 | 1338.5 | 1338.5 | 1338.5 | 1331.2 | 1329.7 | 1319.3 | 1279.4 | 1210.1 | 1118.6 |
| 20°    | 1322.3 | 1325.2 | 1340.0 | 1342.9 | 1340.0 | 1325.2 | 1322.3 | 1309.0 | 1286.9 | 1261.7 | 1192.4 |
| 22.5°  | 1319.3 | 1325.2 | 1337.0 | 1335.6 | 1337.0 | 1325.2 | 1319.3 | 1298.6 | 1279.4 | 1261.7 | 1233.8 |
| 25°    | 1304.6 | 1304.6 | 1306.0 | 1307.5 | 1306.0 | 1304.6 | 1304.6 | 1288.3 | 1250.0 | 1245.5 | 1229.3 |
| 27.5°  | 1273.6 | 1276.6 | 1285.4 | 1283.9 | 1285.4 | 1276.6 | 1273.6 | 1267.7 | 1226.3 | 1221.9 | 1210.1 |
| 30°    | 1245.5 | 1242.6 | 1235.2 | 1229.3 | 1235.2 | 1242.6 | 1245.5 | 1236.7 | 1195.4 | 1183.5 | 1186.5 |
| 32.5°  | 1198.3 | 1190.9 | 1183.5 | 1179.2 | 1183.5 | 1190.9 | 1198.3 | 1195.4 | 1164.3 | 1148.1 | 1151.1 |
| 35°    | 1142.3 | 1143.7 | 1142.3 | 1137.8 | 1142.3 | 1143.7 | 1142.3 | 1145.2 | 1126.0 | 1111.2 | 1109.8 |
| 37.5°  | 1102.4 | 1105.3 | 1103.9 | 1098.0 | 1103.9 | 1105.3 | 1102.4 | 1099.5 | 1072.9 | 1068.4 | 1071.4 |
| 40°    | 1061.1 | 1062.6 | 1061.1 | 1056.6 | 1061.1 | 1062.6 | 1061.1 | 1055.2 | 1018.3 | 1019.8 | 1030.0 |
| 42.5°  | 1021.2 | 1019.8 | 1015.3 | 1012.3 | 1015.3 | 1019.8 | 1021.2 | 1012.3 | 965.2  | 960.7  | 979.9  |
| 45°    | 975.5  | 976.9  | 968.1  | 963.7  | 968.1  | 976.9  | 975.5  | 969.6  | 920.9  | 909.1  | 922.4  |
| 47.5°  | 929.8  | 929.8  | 922.4  | 917.9  | 922.4  | 929.8  | 929.8  | 922.4  | 870.7  | 858.9  | 866.3  |
| 50°    | 881.0  | 879.5  | 869.2  | 867.8  | 869.2  | 879.5  | 881.0  | 876.6  | 822.0  | 811.7  | 811.7  |
| 52.5°  | 824.9  | 824.9  | 826.4  | 829.4  | 826.4  | 824.9  | 824.9  | 826.4  | 777.8  | 767.4  | 764.4  |
| 55°    | 776.3  | 777.8  | 788.1  | 791.0  | 788.1  | 777.8  | 776.3  | 776.3  | 732.0  | 721.6  | 715.8  |
| 57.5°  | 726.1  | 726.1  | 733.5  | 733.5  | 733.5  | 726.1  | 726.1  | 723.1  | 680.4  | 671.5  | 668.5  |
| 60°    | 668.5  | 671.5  | 677.4  | 675.9  | 677.4  | 671.5  | 668.5  | 665.5  | 628.6  | 622.8  | 612.4  |
| 62.5°  | 608.0  | 610.9  | 612.4  | 609.5  | 612.4  | 610.9  | 608.0  | 599.2  | 577.0  | 572.6  | 559.3  |
| 65°    | 544.6  | 547.6  | 548.9  | 546.1  | 548.9  | 547.6  | 544.6  | 540.1  | 523.9  | 516.5  | 504.7  |
| 67.5°  | 479.6  | 478.1  | 476.7  | 482.6  | 476.7  | 478.1  | 479.6  | 473.7  | 463.4  | 457.5  | 441.2  |
| 70°    | 413.2  | 413.2  | 411.8  | 414.7  | 411.8  | 413.2  | 413.2  | 408.8  | 402.9  | 398.4  | 383.7  |
| 72.5°  | 342.4  | 340.9  | 346.8  | 342.4  | 346.8  | 340.9  | 342.4  | 340.9  | 337.9  | 333.6  | 318.7  |
| 75°    | 273.0  | 276.0  | 273.0  | 277.5  | 273.0  | 276.0  | 273.0  | 274.5  | 273.0  | 270.1  | 259.7  |
| 77.5°  | 208.1  | 211.0  | 208.1  | 208.1  | 208.1  | 211.0  | 208.1  | 209.5  | 209.5  | 209.5  | 200.7  |
| 80°    | 147.5  | 146.1  | 146.1  | 144.6  | 146.1  | 146.1  | 147.5  | 147.5  | 149.0  | 146.1  | 143.2  |
| 82.5°  | 94.4   | 93.0   | 93.0   | 95.9   | 93.0   | 93.0   | 94.4   | 95.9   | 93.0   | 93.0   | 93.0   |
| 85°    | 51.6   | 53.1   | 50.1   | 50.1   | 50.1   | 53.1   | 51.6   | 48.7   | 51.6   | 51.6   | 50.1   |
| 87.5°  | 19.2   | 17.7   | 17.7   | 17.7   | 17.7   | 17.7   | 19.2   | 20.7   | 20.7   | 20.7   | 22.1   |
| 90°    | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 13.7   | 18.3   | 20.6   | 17.7   |
| 92.5°  | 51.4   | 49.4   | 41.2   | 33.0   | 41.2   | 49.4   | 51.4   | 72.8   | 101.4  | 115.7  | 101.6  |
| 95°    | 174.3  | 168.1  | 143.4  | 118.7  | 143.4  | 168.1  | 174.3  | 228.9  | 301.7  | 338.2  | 285.6  |
| 97.5°  | 402.5  | 390.8  | 343.7  | 296.6  | 343.7  | 390.8  | 402.5  | 437.1  | 483.0  | 506.0  | 418.4  |
| 100°   | 565.3  | 551.2  | 495.1  | 439.0  | 495.1  | 551.2  | 565.3  | 562.7  | 559.3  | 557.7  | 460.4  |
| 102.5° | 704.2  | 692.1  | 644.1  | 596.0  | 644.1  | 692.1  | 704.2  | 660.2  | 601.6  | 572.3  | 473.7  |
| 105°   | 866.4  | 859.9  | 834.1  | 808.3  | 834.1  | 859.9  | 866.4  | 767.8  | 636.4  | 570.7  | 475.2  |
| 107.5° | 950.7  | 952.3  | 958.5  | 964.8  | 958.5  | 952.3  | 950.7  | 813.2  | 629.9  | 538.2  | 454.0  |
| 110°   | 972.3  | 979.0  | 1006.0 | 1032.9 | 1006.0 | 979.0  | 972.3  | 818.6  | 613.7  | 511.2  | 435.2  |



TEST NUMBER: P934932

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 260°   | 270°   | 280°   | 290°  | 292.5° | 300°  | 310°  | 315°  | 320°  |
|--------|--------|-------|--------|--------|--------|-------|--------|-------|-------|-------|-------|
| 112.5° | 958.5  | 968.9 | 1010.3 | 1051.6 | 1010.3 | 968.9 | 958.5  | 801.2 | 591.5 | 486.6 | 418.9 |
| 115°   | 911.8  | 926.1 | 983.5  | 1040.8 | 983.5  | 926.1 | 911.8  | 760.2 | 558.2 | 457.1 | 400.1 |
| 117.5° | 847.2  | 863.1 | 926.6  | 990.2  | 926.6  | 863.1 | 847.2  | 710.4 | 528.0 | 436.8 | 388.3 |
| 120°   | 803.7  | 819.1 | 880.8  | 942.6  | 880.8  | 819.1 | 803.7  | 678.7 | 512.1 | 428.7 | 384.4 |
| 122.5° | 760.2  | 775.4 | 836.3  | 897.2  | 836.3  | 775.4 | 760.2  | 647.6 | 497.5 | 422.5 | 382.3 |
| 125°   | 702.6  | 716.6 | 772.7  | 828.8  | 772.7  | 716.6 | 702.6  | 607.0 | 479.5 | 415.8 | 380.6 |
| 127.5° | 656.4  | 668.2 | 715.5  | 762.9  | 715.5  | 668.2 | 656.4  | 574.3 | 464.9 | 410.1 | 379.7 |
| 130°   | 627.2  | 638.1 | 681.8  | 725.5  | 681.8  | 638.1 | 627.2  | 554.1 | 456.7 | 407.9 | 380.2 |
| 132.5° | 602.3  | 612.1 | 651.2  | 690.4  | 651.2  | 612.1 | 602.3  | 536.9 | 449.6 | 406.0 | 380.6 |
| 135°   | 567.2  | 575.6 | 609.4  | 643.1  | 609.4  | 575.6 | 567.2  | 512.4 | 439.3 | 402.8 | 380.3 |
| 137.5° | 541.2  | 548.1 | 575.7  | 603.4  | 575.7  | 548.1 | 541.2  | 494.9 | 433.1 | 402.3 | 382.6 |
| 140°   | 520.3  | 526.8 | 552.7  | 578.5  | 552.7  | 526.8 | 520.3  | 480.3 | 427.0 | 400.4 | 383.0 |
| 142.5° | 505.8  | 511.4 | 533.5  | 555.7  | 533.5  | 511.4 | 505.8  | 470.6 | 423.8 | 400.4 | 384.4 |
| 145°   | 483.9  | 488.1 | 504.9  | 521.7  | 504.9  | 488.1 | 483.9  | 455.1 | 416.8 | 397.6 | 384.4 |
| 147.5° | 465.5  | 469.0 | 482.9  | 496.9  | 482.9  | 469.0 | 465.5  | 442.9 | 412.7 | 397.6 | 387.0 |
| 150°   | 454.9  | 457.7 | 469.1  | 480.4  | 469.1  | 457.7 | 454.9  | 435.8 | 410.4 | 397.6 | 388.4 |
| 152.5° | 446.6  | 448.7 | 457.2  | 465.8  | 457.2  | 448.7 | 446.6  | 430.3 | 408.5 | 397.6 | 389.3 |
| 155°   | 436.5  | 437.9 | 443.6  | 449.3  | 443.6  | 437.9 | 436.5  | 423.5 | 406.3 | 397.6 | 391.3 |
| 157.5° | 427.9  | 428.9 | 432.9  | 436.8  | 432.9  | 428.9 | 427.9  | 417.8 | 404.4 | 397.6 | 393.3 |
| 160°   | 423.6  | 424.2 | 426.4  | 428.7  | 426.4  | 424.2 | 423.6  | 415.0 | 403.4 | 397.6 | 394.2 |
| 162.5° | 419.5  | 420.1 | 422.2  | 424.4  | 422.2  | 420.1 | 419.5  | 412.2 | 402.5 | 397.6 | 395.1 |
| 165°   | 413.3  | 414.0 | 416.2  | 418.5  | 416.2  | 414.0 | 413.3  | 408.1 | 401.1 | 397.6 | 396.5 |
| 167.5° | 410.6  | 410.9 | 411.9  | 412.8  | 411.9  | 410.9 | 410.6  | 407.2 | 402.6 | 400.4 | 399.4 |
| 170°   | 410.6  | 410.6 | 410.6  | 410.6  | 410.6  | 410.6 | 410.6  | 407.2 | 402.6 | 400.4 | 400.3 |
| 172.5° | 408.5  | 408.3 | 407.4  | 406.5  | 407.4  | 408.3 | 408.5  | 405.8 | 402.2 | 400.4 | 400.4 |
| 175°   | 405.5  | 405.5 | 405.5  | 405.5  | 405.5  | 405.5 | 405.5  | 403.8 | 401.5 | 400.4 | 400.9 |
| 177.5° | 405.0  | 404.7 | 403.8  | 402.8  | 403.8  | 404.7 | 405.0  | 403.6 | 401.7 | 400.9 | 401.3 |
| 180°   | 402.8  | 402.8 | 402.8  | 402.8  | 402.8  | 402.8 | 402.8  | 402.8 | 402.8 | 402.8 | 402.8 |



TEST NUMBER: P934932

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1559.9 | 1559.9 | 1559.9 | 1559.9 | 1559.9 |
| 2.5°   | 1540.7 | 1548.0 | 1552.5 | 1558.4 | 1573.1 |
| 5°     | 1481.7 | 1509.7 | 1518.6 | 1540.7 | 1567.2 |
| 7.5°   | 1351.8 | 1437.4 | 1461.0 | 1514.1 | 1555.4 |
| 10°    | 1226.3 | 1312.0 | 1353.3 | 1478.7 | 1540.7 |
| 12.5°  | 1162.9 | 1213.1 | 1241.1 | 1416.7 | 1520.0 |
| 15°    | 1123.1 | 1158.5 | 1179.2 | 1334.1 | 1496.4 |
| 17.5°  | 1092.0 | 1117.2 | 1131.9 | 1252.9 | 1464.0 |
| 20°    | 1072.9 | 1084.7 | 1098.0 | 1193.9 | 1427.1 |
| 22.5°  | 1059.6 | 1052.2 | 1062.6 | 1152.6 | 1376.9 |
| 25°    | 1050.7 | 1022.7 | 1034.5 | 1120.1 | 1317.8 |
| 27.5°  | 1058.1 | 996.1  | 1000.6 | 1090.6 | 1255.9 |
| 30°    | 1059.6 | 963.7  | 965.2  | 1059.6 | 1186.5 |
| 32.5°  | 1049.2 | 929.8  | 931.2  | 1021.2 | 1108.3 |
| 35°    | 1024.2 | 889.9  | 888.4  | 976.9  | 1002.1 |
| 37.5°  | 990.2  | 847.1  | 847.1  | 928.3  | 885.5  |
| 40°    | 948.9  | 804.3  | 808.7  | 864.8  | 782.1  |
| 42.5°  | 898.7  | 758.6  | 764.4  | 780.6  | 705.4  |
| 45°    | 844.1  | 714.3  | 718.7  | 659.7  | 646.4  |
| 47.5°  | 783.6  | 668.5  | 670.0  | 547.6  | 627.2  |
| 50°    | 711.3  | 621.3  | 615.4  | 469.3  | 625.7  |
| 52.5°  | 647.8  | 569.6  | 551.9  | 425.0  | 568.1  |
| 55°    | 585.9  | 515.0  | 476.7  | 391.1  | 526.9  |
| 57.5°  | 531.2  | 444.2  | 407.3  | 351.3  | 518.0  |
| 60°    | 481.1  | 374.8  | 346.8  | 308.4  | 475.2  |
| 62.5°  | 439.8  | 323.2  | 317.2  | 278.9  | 431.0  |
| 65°    | 395.5  | 287.8  | 286.3  | 253.8  | 366.0  |
| 67.5°  | 352.7  | 264.1  | 262.7  | 230.2  | 278.9  |
| 70°    | 307.0  | 239.1  | 236.1  | 205.1  | 206.6  |
| 72.5°  | 259.7  | 211.0  | 208.1  | 184.4  | 171.2  |
| 75°    | 212.5  | 178.6  | 177.1  | 160.9  | 138.7  |
| 77.5°  | 166.7  | 141.7  | 144.6  | 129.8  | 101.9  |
| 80°    | 119.6  | 103.3  | 106.2  | 93.0   | 76.7   |
| 82.5°  | 79.7   | 67.8   | 70.8   | 59.0   | 51.6   |
| 85°    | 44.3   | 38.4   | 39.9   | 31.0   | 23.6   |
| 87.5°  | 20.7   | 17.7   | 17.7   | 11.8   | 7.4    |
| 90°    | 11.9   | 7.6    | 7.1    | 4.9    | 2.7    |
| 92.5°  | 73.3   | 52.1   | 47.5   | 29.2   | 10.8   |
| 95°    | 180.5  | 101.7  | 93.3   | 59.6   | 26.0   |
| 97.5°  | 243.1  | 111.6  | 104.2  | 74.6   | 44.9   |
| 100°   | 265.9  | 120.0  | 113.3  | 86.3   | 59.5   |
| 102.5° | 276.3  | 128.4  | 122.1  | 97.1   | 71.9   |
| 105°   | 284.1  | 140.8  | 135.5  | 114.2  | 93.0   |
| 107.5° | 285.6  | 159.2  | 154.3  | 134.5  | 114.6  |
| 110°   | 283.4  | 169.5  | 165.1  | 147.1  | 129.2  |



TEST NUMBER: P934932

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 283.5 | 181.9  | 177.6 | 160.6 | 143.5 |
| 115°   | 286.1 | 200.6  | 196.6 | 180.9 | 165.2 |
| 117.5° | 291.4 | 218.7  | 215.1 | 200.8 | 186.5 |
| 120°   | 295.7 | 229.3  | 225.9 | 212.4 | 199.0 |
| 122.5° | 301.9 | 241.6  | 238.2 | 224.7 | 211.1 |
| 125°   | 310.4 | 257.6  | 254.5 | 242.2 | 229.8 |
| 127.5° | 318.7 | 273.0  | 269.9 | 257.4 | 245.0 |
| 130°   | 324.8 | 283.3  | 279.9 | 266.5 | 253.1 |
| 132.5° | 329.8 | 291.7  | 288.3 | 274.9 | 261.4 |
| 135°   | 335.2 | 301.4  | 298.3 | 286.0 | 273.8 |
| 137.5° | 343.3 | 313.8  | 310.8 | 298.7 | 286.6 |
| 140°   | 348.3 | 322.2  | 319.4 | 308.3 | 297.1 |
| 142.5° | 352.4 | 328.4  | 325.8 | 315.5 | 305.2 |
| 145°   | 357.8 | 337.9  | 335.6 | 326.7 | 317.6 |
| 147.5° | 365.7 | 349.8  | 347.6 | 338.8 | 330.1 |
| 150°   | 369.9 | 356.1  | 354.0 | 346.1 | 338.2 |
| 152.5° | 372.6 | 360.1  | 358.6 | 352.6 | 346.5 |
| 155°   | 378.5 | 369.0  | 367.8 | 363.5 | 359.0 |
| 157.5° | 384.5 | 377.9  | 376.9 | 372.5 | 368.2 |
| 160°   | 387.2 | 382.0  | 381.1 | 377.8 | 374.4 |
| 162.5° | 390.1 | 386.3  | 385.7 | 383.2 | 380.6 |
| 165°   | 394.2 | 392.5  | 391.9 | 389.6 | 387.4 |
| 167.5° | 397.5 | 396.0  | 395.7 | 394.6 | 393.5 |
| 170°   | 400.2 | 400.1  | 399.8 | 398.7 | 397.6 |
| 172.5° | 400.4 | 400.4  | 400.3 | 400.1 | 399.8 |
| 175°   | 402.0 | 402.8  | 402.8 | 402.8 | 402.8 |
| 177.5° | 402.2 | 402.8  | 402.8 | 402.8 | 402.8 |
| 180°   | 402.8 | 402.8  | 402.8 | 402.8 | 402.8 |



TEST NUMBER: P934932  
 CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-3000K

**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 | 15.02            | 15.98 | 15.88 | 16.86 | 17.97 | 17.81          | 18.78 | 18.67 | 19.66 | 20.77 |
|                 | 3H   | 15.50            | 16.37 | 16.37 | 17.26 | 18.39 | 19.16          | 20.03 | 20.03 | 20.92 | 22.05 |
|                 | 4H   | 15.70            | 16.52 | 16.59 | 17.41 | 18.56 | 19.60          | 20.42 | 20.49 | 21.32 | 22.46 |
|                 | 6H   | 15.82            | 16.58 | 16.72 | 17.48 | 18.64 | 19.88          | 20.64 | 20.78 | 21.54 | 22.70 |
|                 | 8H   | 15.83            | 16.55 | 16.74 | 17.47 | 18.63 | 19.96          | 20.68 | 20.86 | 21.60 | 22.75 |
|                 | 12H  | 15.80            | 16.49 | 16.72 | 17.40 | 18.59 | 20.00          | 20.68 | 20.91 | 21.59 | 22.78 |
| 4H              | 2H   | 16.06            | 16.88 | 16.95 | 17.77 | 18.92 | 18.24          | 19.06 | 19.13 | 19.95 | 21.10 |
|                 | 3H   | 17.09            | 17.77 | 18.00 | 18.70 | 19.86 | 19.74          | 20.43 | 20.65 | 21.36 | 22.52 |
|                 | 4H   | 17.37            | 18.00 | 18.29 | 18.92 | 20.10 | 20.27          | 20.89 | 21.19 | 21.82 | 23.00 |
|                 | 6H   | 17.50            | 18.04 | 18.43 | 18.99 | 20.18 | 20.63          | 21.17 | 21.56 | 22.12 | 23.31 |
|                 | 8H   | 17.51            | 18.01 | 18.44 | 18.96 | 20.16 | 20.74          | 21.24 | 21.67 | 22.18 | 23.38 |
|                 | 12H  | 17.48            | 17.94 | 18.44 | 18.90 | 20.10 | 20.80          | 21.25 | 21.75 | 22.21 | 23.41 |
| 8H              | 4H   | 17.83            | 18.33 | 18.76 | 19.27 | 20.47 | 20.40          | 20.91 | 21.34 | 21.85 | 23.05 |
|                 | 6H   | 18.10            | 18.51 | 19.05 | 19.49 | 20.69 | 20.84          | 21.25 | 21.80 | 22.24 | 23.44 |
|                 | 8H   | 18.14            | 18.51 | 19.11 | 19.48 | 20.70 | 20.99          | 21.35 | 21.95 | 22.33 | 23.54 |
|                 | 12H  | 18.13            | 18.45 | 19.10 | 19.42 | 20.68 | 21.08          | 21.41 | 22.05 | 22.37 | 23.64 |
| 12H             | 4H   | 17.84            | 18.29 | 18.79 | 19.25 | 20.46 | 20.37          | 20.83 | 21.33 | 21.79 | 22.99 |
|                 | 6H   | 18.16            | 18.52 | 19.12 | 19.50 | 20.71 | 20.84          | 21.20 | 21.80 | 22.18 | 23.39 |
|                 | 8H   | 18.23            | 18.55 | 19.20 | 19.52 | 20.78 | 21.00          | 21.32 | 21.97 | 22.29 | 23.55 |