

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: P934970

Luminaire Tested: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

Issue Date: 12/17/2024

**Test Information**

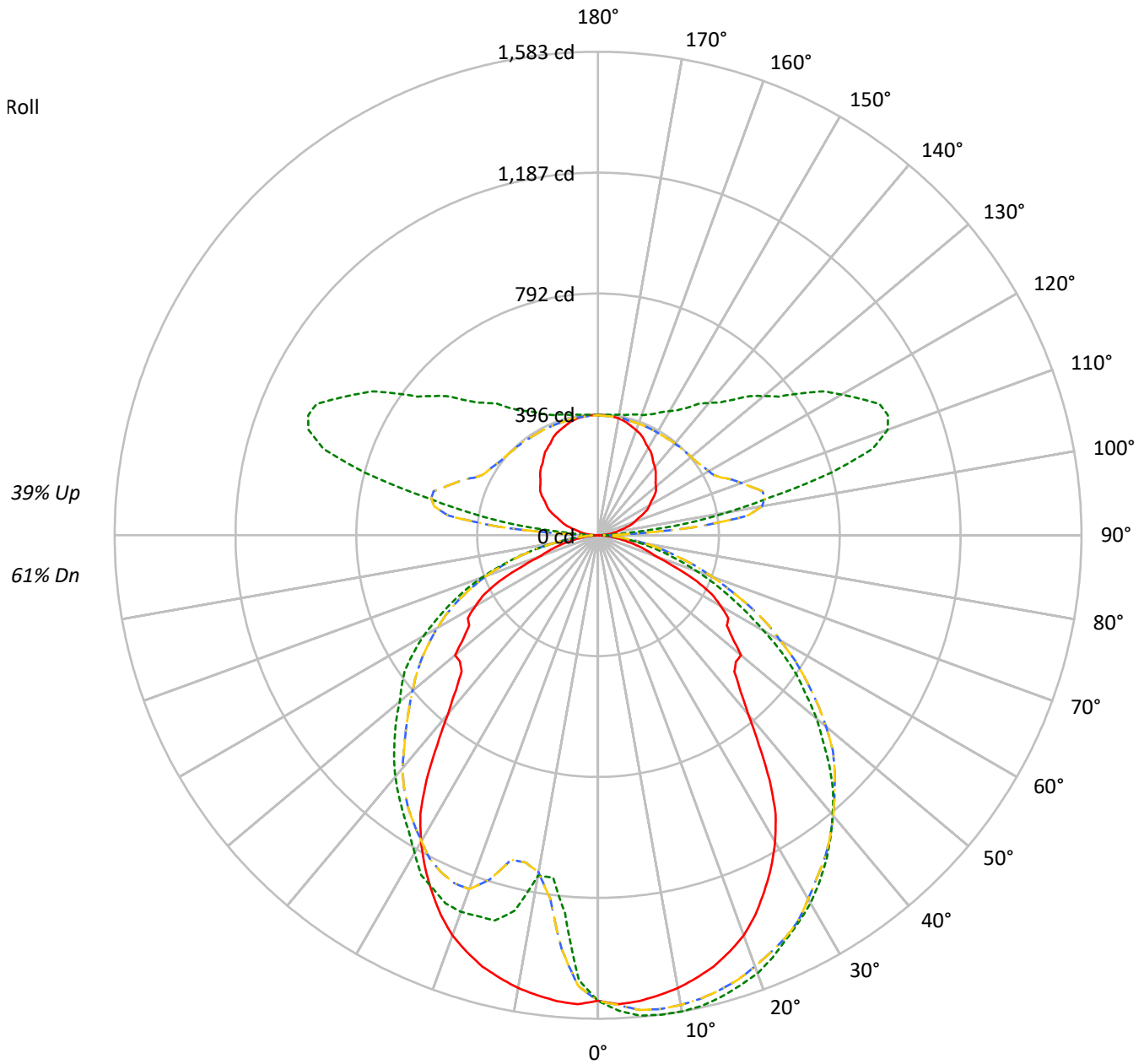
Test Method: LM-79-2019  
Report Number: P934970  
REPORT IS A COMBINATION OF REPORTS P933718 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6504.2 lumens  
Efficiency: N/A  
Efficacy: 104.9 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: P934970  
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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - 90°-270°    - · - 135°-315°



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

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

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 14142 | 14142 | 14142 | 14142 |
| 5°  | 14232 | 14275 | 14232 | 11225 |
| 10° | 14121 | 14062 | 14121 | 10054 |
| 15° | 13951 | 13757 | 13951 | 11488 |
| 20° | 13644 | 13397 | 13644 | 11512 |
| 25° | 13030 | 12870 | 13030 | 11268 |
| 30° | 12244 | 12433 | 12244 | 10733 |
| 35° | 10899 | 11880 | 10899 | 10144 |
| 40° | 9067  | 11230 | 9067  | 9699  |
| 45° | 8085  | 10468 | 8085  | 9187  |
| 50° | 8569  | 9559  | 8569  | 8674  |
| 55° | 8041  | 8581  | 8041  | 8377  |
| 60° | 8259  | 7287  | 8259  | 7673  |
| 65° | 7452  | 6025  | 7452  | 6734  |
| 70° | 5123  | 4801  | 5123  | 5644  |
| 75° | 4447  | 3549  | 4447  | 4250  |
| 80° | 3510  | 2347  | 3510  | 2555  |
| 85° | 1913  | 1243  | 1913  | 1056  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12415 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 137.6  | 2.1       |
| 10°-20°   | 390.6  | 6.0       |
| 20°-30°   | 603.8  | 9.3       |
| 30°-40°   | 720.8  | 11.1      |
| 40°-50°   | 725.0  | 11.1      |
| 50°-60°   | 630.9  | 9.7       |
| 60°-70°   | 447.3  | 6.9       |
| 70°-80°   | 236.6  | 3.6       |
| 80°-90°   | 60.4   | 0.9       |
| 90°-100°  | 191.8  | 2.9       |
| 100°-110° | 504.3  | 7.8       |
| 110°-120° | 522.9  | 8.0       |
| 120°-130° | 419.5  | 6.4       |
| 130°-140° | 329.1  | 5.1       |
| 140°-150° | 252.6  | 3.9       |
| 150°-160° | 181.9  | 2.8       |
| 160°-170° | 111.3  | 1.7       |
| 170°-180° | 37.6   | 0.6       |
| 0°-30°    | 1132.0 | 17.4      |
| 0°-40°    | 1852.8 | 28.5      |
| 0°-60°    | 3208.7 | 49.3      |
| 0°-90°    | 3953.1 | 60.8      |
| 90°-120°  | 1219.1 | 18.7      |
| 90°-150°  | 2220.3 | 34.1      |
| 90°-180°  | 2551.0 | 39.2      |
| 0°-180°   | 6504.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1524 | 1524 | 1524 | 1524 | 1524 |      |
| 5°   | 1531 | 1579 | 1531 | 1241 | 1531 | 145  |
| 15°  | 1462 | 1564 | 1462 | 1306 | 1462 | 411  |
| 25°  | 1288 | 1459 | 1288 | 1278 | 1288 | 591  |
| 35°  | 979  | 1302 | 979  | 1112 | 979  | 606  |
| 45°  | 632  | 1073 | 632  | 942  | 632  | 506  |
| 55°  | 515  | 792  | 515  | 773  | 515  | 473  |
| 65°  | 358  | 477  | 358  | 534  | 358  | 342  |
| 75°  | 136  | 226  | 136  | 271  | 136  | 142  |
| 85°  | 23   | 58   | 23   | 49   | 23   | 31   |
| 90°  | 3    | 10   | 3    | 10   | 3    | 3    |
| 95°  | 25   | 116  | 25   | 116  | 25   | 28   |
| 105° | 91   | 790  | 91   | 790  | 91   | 96   |
| 115° | 161  | 1017 | 161  | 1017 | 161  | 159  |
| 125° | 224  | 810  | 224  | 810  | 224  | 199  |
| 135° | 268  | 628  | 268  | 628  | 268  | 207  |
| 145° | 310  | 510  | 310  | 510  | 310  | 194  |
| 155° | 351  | 439  | 351  | 439  | 351  | 161  |
| 165° | 378  | 409  | 378  | 409  | 378  | 107  |
| 175° | 394  | 396  | 394  | 396  | 394  | 37   |
| 180° | 394  | 394  | 394  | 394  | 394  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 |
| 2.5°   | 1537.0 | 1537.0 | 1545.7 | 1548.6 | 1548.6 | 1544.2 | 1539.9 | 1544.2 | 1557.2 | 1561.5 | 1560.1 |
| 5°     | 1531.2 | 1542.8 | 1558.6 | 1561.5 | 1564.4 | 1563.0 | 1560.1 | 1563.0 | 1577.4 | 1580.3 | 1581.7 |
| 7.5°   | 1519.7 | 1541.4 | 1561.5 | 1565.9 | 1570.2 | 1565.9 | 1564.4 | 1567.3 | 1581.7 | 1584.6 | 1584.6 |
| 10°    | 1505.3 | 1535.6 | 1558.6 | 1561.5 | 1565.9 | 1561.5 | 1561.5 | 1567.3 | 1581.7 | 1584.6 | 1586.1 |
| 12.5°  | 1485.1 | 1527.0 | 1548.6 | 1551.4 | 1557.2 | 1555.8 | 1554.3 | 1560.1 | 1574.5 | 1577.4 | 1577.4 |
| 15°    | 1462.0 | 1511.1 | 1531.2 | 1534.1 | 1544.2 | 1541.4 | 1541.4 | 1547.1 | 1563.0 | 1567.3 | 1565.9 |
| 17.5°  | 1430.3 | 1490.9 | 1513.9 | 1518.3 | 1525.5 | 1524.1 | 1525.5 | 1531.2 | 1545.7 | 1548.6 | 1550.0 |
| 20°    | 1394.3 | 1463.5 | 1490.9 | 1495.2 | 1502.4 | 1502.4 | 1502.4 | 1509.7 | 1524.1 | 1529.9 | 1529.9 |
| 22.5°  | 1345.2 | 1434.7 | 1463.5 | 1466.4 | 1475.0 | 1475.0 | 1477.9 | 1488.0 | 1501.0 | 1502.4 | 1502.4 |
| 25°    | 1287.5 | 1402.9 | 1427.4 | 1436.1 | 1444.7 | 1449.1 | 1453.4 | 1459.1 | 1463.5 | 1462.0 | 1463.5 |
| 27.5°  | 1227.1 | 1362.5 | 1394.3 | 1400.0 | 1411.6 | 1415.9 | 1421.6 | 1423.1 | 1424.5 | 1428.9 | 1426.0 |
| 30°    | 1159.2 | 1306.3 | 1353.9 | 1359.7 | 1378.5 | 1381.3 | 1375.6 | 1378.5 | 1385.6 | 1388.5 | 1391.4 |
| 32.5°  | 1082.8 | 1222.7 | 1312.1 | 1325.0 | 1342.4 | 1333.7 | 1332.3 | 1336.6 | 1348.1 | 1348.1 | 1351.0 |
| 35°    | 979.0  | 1157.8 | 1273.1 | 1284.7 | 1297.7 | 1287.5 | 1293.3 | 1294.8 | 1302.0 | 1306.3 | 1304.9 |
| 37.5°  | 865.1  | 1101.6 | 1232.8 | 1241.4 | 1251.5 | 1238.6 | 1247.2 | 1251.5 | 1257.3 | 1254.4 | 1254.4 |
| 40°    | 764.2  | 1013.6 | 1185.2 | 1191.0 | 1199.6 | 1189.6 | 1198.2 | 1201.1 | 1204.0 | 1201.1 | 1199.6 |
| 42.5°  | 689.2  | 917.0  | 1134.8 | 1141.9 | 1136.1 | 1143.4 | 1146.3 | 1152.1 | 1147.7 | 1141.9 | 1141.9 |
| 45°    | 631.5  | 891.1  | 1079.9 | 1088.6 | 1079.9 | 1091.5 | 1095.8 | 1095.8 | 1082.8 | 1079.9 | 1078.5 |
| 47.5°  | 612.8  | 839.1  | 1025.1 | 1025.1 | 1020.9 | 1035.3 | 1042.4 | 1032.4 | 1019.4 | 1015.1 | 1015.1 |
| 50°    | 611.3  | 781.5  | 950.2  | 944.4  | 964.6  | 981.9  | 974.7  | 964.6  | 954.5  | 938.6  | 938.6  |
| 52.5°  | 555.1  | 710.8  | 853.6  | 875.2  | 907.0  | 917.0  | 905.5  | 895.4  | 878.1  | 870.9  | 865.1  |
| 55°    | 514.8  | 637.3  | 765.6  | 808.9  | 842.0  | 855.0  | 833.4  | 823.3  | 797.4  | 793.0  | 790.1  |
| 57.5°  | 506.1  | 530.6  | 684.9  | 739.7  | 780.0  | 778.6  | 765.6  | 746.9  | 725.2  | 721.0  | 719.5  |
| 60°    | 464.3  | 383.6  | 598.4  | 663.3  | 705.0  | 700.8  | 689.2  | 671.9  | 651.7  | 648.8  | 646.0  |
| 62.5°  | 421.1  | 278.3  | 500.3  | 573.8  | 633.0  | 631.5  | 621.4  | 595.5  | 581.1  | 573.8  | 568.1  |
| 65°    | 357.6  | 233.6  | 356.1  | 477.3  | 562.3  | 565.2  | 543.6  | 524.8  | 509.0  | 500.3  | 498.8  |
| 67.5°  | 272.5  | 190.3  | 240.8  | 398.0  | 494.6  | 491.7  | 464.3  | 455.6  | 435.5  | 431.1  | 422.5  |
| 70°    | 201.8  | 126.9  | 167.2  | 323.0  | 428.2  | 421.1  | 399.4  | 389.3  | 370.5  | 360.5  | 354.7  |
| 72.5°  | 167.2  | 102.4  | 122.5  | 250.9  | 360.5  | 351.8  | 333.0  | 321.5  | 305.7  | 297.0  | 291.2  |
| 75°    | 135.6  | 108.1  | 93.7   | 186.0  | 292.7  | 287.0  | 269.7  | 258.1  | 245.1  | 233.6  | 235.0  |
| 77.5°  | 99.5   | 101.0  | 75.0   | 137.0  | 232.2  | 223.5  | 213.4  | 198.9  | 193.2  | 181.6  | 181.6  |
| 80°    | 75.0   | 79.3   | 56.2   | 93.7   | 167.2  | 167.2  | 158.6  | 148.5  | 138.4  | 132.7  | 132.7  |
| 82.5°  | 50.4   | 50.4   | 41.8   | 59.1   | 113.9  | 109.6  | 103.8  | 101.0  | 95.2   | 92.3   | 92.3   |
| 85°    | 23.1   | 28.8   | 26.0   | 36.0   | 62.0   | 64.9   | 64.9   | 62.0   | 60.6   | 57.7   | 59.1   |
| 87.5°  | 7.2    | 13.0   | 15.8   | 20.2   | 31.7   | 33.1   | 34.6   | 34.6   | 34.6   | 36.0   | 36.0   |
| 90°    | 2.6    | 4.8    | 6.9    | 7.4    | 11.7   | 17.3   | 20.1   | 17.9   | 13.4   | 10.1   | 10.1   |
| 92.5°  | 10.6   | 28.5   | 46.4   | 50.9   | 71.7   | 99.3   | 113.1  | 99.1   | 71.1   | 50.2   | 48.2   |
| 95°    | 25.4   | 58.3   | 91.2   | 99.3   | 176.4  | 279.0  | 330.4  | 294.8  | 223.6  | 170.3  | 164.3  |
| 97.5°  | 43.9   | 72.8   | 101.8  | 109.1  | 237.5  | 408.8  | 494.4  | 471.9  | 427.0  | 393.3  | 381.8  |
| 100°   | 58.1   | 84.3   | 110.7  | 117.2  | 259.8  | 449.9  | 544.9  | 546.5  | 549.8  | 552.3  | 538.5  |
| 102.5° | 70.3   | 94.8   | 119.3  | 125.4  | 270.0  | 462.8  | 559.2  | 587.8  | 645.0  | 688.0  | 676.2  |
| 105°   | 90.8   | 111.6  | 132.4  | 137.6  | 277.6  | 464.3  | 557.5  | 621.8  | 750.2  | 846.5  | 840.2  |
| 107.5° | 112.0  | 131.4  | 150.7  | 155.6  | 279.0  | 443.6  | 525.9  | 615.4  | 794.5  | 928.9  | 930.4  |
| 110°   | 126.3  | 143.7  | 161.3  | 165.6  | 276.9  | 425.2  | 499.4  | 599.6  | 799.8  | 950.0  | 956.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°   | 60°   | 67.5° | 70°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 140.2 | 156.9 | 173.6 | 177.7 | 277.0 | 409.3 | 475.4 | 577.9 | 782.8 | 936.5 | 946.7 |
| 115°   | 161.4 | 176.7 | 192.1 | 196.0 | 279.5 | 390.9 | 446.6 | 545.4 | 742.8 | 890.9 | 904.8 |
| 117.5° | 182.2 | 196.2 | 210.2 | 213.7 | 284.7 | 379.4 | 426.8 | 515.9 | 694.0 | 827.7 | 843.2 |
| 120°   | 194.4 | 207.5 | 220.7 | 224.0 | 288.9 | 375.6 | 418.8 | 500.3 | 663.1 | 785.2 | 800.3 |
| 122.5° | 206.3 | 219.6 | 232.8 | 236.1 | 295.0 | 373.5 | 412.8 | 486.1 | 632.7 | 742.7 | 757.6 |
| 125°   | 224.5 | 236.6 | 248.7 | 251.7 | 303.2 | 371.9 | 406.2 | 468.5 | 593.1 | 686.5 | 700.2 |
| 127.5° | 239.3 | 251.5 | 263.7 | 266.8 | 311.4 | 371.0 | 400.7 | 454.2 | 561.1 | 641.3 | 652.9 |
| 130°   | 247.3 | 260.4 | 273.5 | 276.8 | 317.4 | 371.5 | 398.6 | 446.2 | 541.4 | 612.8 | 623.4 |
| 132.5° | 255.4 | 268.6 | 281.7 | 285.0 | 322.2 | 371.9 | 396.7 | 439.3 | 524.6 | 588.5 | 598.0 |
| 135°   | 267.5 | 279.5 | 291.5 | 294.5 | 327.5 | 371.6 | 393.5 | 429.2 | 500.6 | 554.1 | 562.4 |
| 137.5° | 280.0 | 291.8 | 303.7 | 306.6 | 335.4 | 373.9 | 393.0 | 423.2 | 483.5 | 528.8 | 535.5 |
| 140°   | 290.3 | 301.2 | 312.1 | 314.8 | 340.3 | 374.2 | 391.2 | 417.2 | 469.3 | 508.4 | 514.7 |
| 142.5° | 298.2 | 308.3 | 318.3 | 320.9 | 344.3 | 375.6 | 391.2 | 414.1 | 459.8 | 494.2 | 499.6 |
| 145°   | 310.3 | 319.2 | 327.9 | 330.2 | 349.6 | 375.6 | 388.5 | 407.3 | 444.7 | 472.8 | 476.9 |
| 147.5° | 322.5 | 331.0 | 339.6 | 341.7 | 357.3 | 378.1 | 388.5 | 403.3 | 432.7 | 454.8 | 458.2 |
| 150°   | 330.4 | 338.2 | 345.9 | 347.9 | 361.4 | 379.5 | 388.5 | 401.0 | 425.8 | 444.5 | 447.2 |
| 152.5° | 338.6 | 344.5 | 350.3 | 351.8 | 364.1 | 380.3 | 388.5 | 399.2 | 420.4 | 436.3 | 438.4 |
| 155°   | 350.8 | 355.1 | 359.4 | 360.5 | 369.9 | 382.3 | 388.5 | 396.9 | 413.8 | 426.5 | 427.9 |
| 157.5° | 359.7 | 364.0 | 368.2 | 369.3 | 375.6 | 384.3 | 388.5 | 395.1 | 408.2 | 418.1 | 419.0 |
| 160°   | 365.8 | 369.1 | 372.3 | 373.2 | 378.3 | 385.1 | 388.5 | 394.1 | 405.5 | 413.9 | 414.4 |
| 162.5° | 371.9 | 374.4 | 376.8 | 377.4 | 381.1 | 386.0 | 388.5 | 393.3 | 402.7 | 409.9 | 410.4 |
| 165°   | 378.5 | 380.7 | 382.9 | 383.5 | 385.2 | 387.4 | 388.5 | 391.9 | 398.7 | 403.8 | 404.4 |
| 167.5° | 384.5 | 385.5 | 386.6 | 386.9 | 388.3 | 390.2 | 391.2 | 393.4 | 397.9 | 401.2 | 401.5 |
| 170°   | 388.5 | 389.5 | 390.6 | 390.9 | 391.0 | 391.1 | 391.2 | 393.4 | 397.9 | 401.2 | 401.2 |
| 172.5° | 390.6 | 390.9 | 391.1 | 391.2 | 391.2 | 391.2 | 391.2 | 392.9 | 396.4 | 399.1 | 398.9 |
| 175°   | 393.5 | 393.5 | 393.5 | 393.5 | 392.8 | 391.7 | 391.2 | 392.3 | 394.5 | 396.2 | 396.2 |
| 177.5° | 393.5 | 393.5 | 393.5 | 393.5 | 392.9 | 392.1 | 391.7 | 392.5 | 394.3 | 395.7 | 395.4 |
| 180°   | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 |
| 2.5°   | 1563.0 | 1558.6 | 1563.0 | 1560.1 | 1561.5 | 1557.2 | 1544.2 | 1539.9 | 1544.2 | 1548.6 | 1548.6 |
| 5°     | 1581.7 | 1578.8 | 1581.7 | 1581.7 | 1580.3 | 1577.4 | 1563.0 | 1560.1 | 1563.0 | 1564.4 | 1561.5 |
| 7.5°   | 1587.4 | 1583.2 | 1587.4 | 1584.6 | 1584.6 | 1581.7 | 1567.3 | 1564.4 | 1565.9 | 1570.2 | 1565.9 |
| 10°    | 1587.4 | 1583.2 | 1587.4 | 1586.1 | 1584.6 | 1581.7 | 1567.3 | 1561.5 | 1561.5 | 1565.9 | 1561.5 |
| 12.5°  | 1580.3 | 1577.4 | 1580.3 | 1577.4 | 1577.4 | 1574.5 | 1560.1 | 1554.3 | 1555.8 | 1557.2 | 1551.4 |
| 15°    | 1568.7 | 1564.4 | 1568.7 | 1565.9 | 1567.3 | 1563.0 | 1547.1 | 1541.4 | 1541.4 | 1544.2 | 1534.1 |
| 17.5°  | 1551.4 | 1545.7 | 1551.4 | 1550.0 | 1548.6 | 1545.7 | 1531.2 | 1525.5 | 1524.1 | 1525.5 | 1518.3 |
| 20°    | 1531.2 | 1527.0 | 1531.2 | 1529.9 | 1529.9 | 1524.1 | 1509.7 | 1502.4 | 1502.4 | 1502.4 | 1495.2 |
| 22.5°  | 1499.5 | 1495.2 | 1499.5 | 1502.4 | 1502.4 | 1501.0 | 1488.0 | 1477.9 | 1475.0 | 1475.0 | 1466.4 |
| 25°    | 1463.5 | 1459.1 | 1463.5 | 1463.5 | 1462.0 | 1463.5 | 1459.1 | 1453.4 | 1449.1 | 1444.7 | 1436.1 |
| 27.5°  | 1428.9 | 1426.0 | 1428.9 | 1426.0 | 1428.9 | 1424.5 | 1423.1 | 1421.6 | 1415.9 | 1411.6 | 1400.0 |
| 30°    | 1394.3 | 1391.4 | 1394.3 | 1391.4 | 1388.5 | 1385.6 | 1378.5 | 1375.6 | 1381.3 | 1378.5 | 1359.7 |
| 32.5°  | 1351.0 | 1348.1 | 1351.0 | 1351.0 | 1348.1 | 1348.1 | 1336.6 | 1332.3 | 1333.7 | 1342.4 | 1325.0 |
| 35°    | 1306.3 | 1302.0 | 1306.3 | 1304.9 | 1306.3 | 1302.0 | 1294.8 | 1293.3 | 1287.5 | 1297.7 | 1284.7 |
| 37.5°  | 1254.4 | 1250.1 | 1254.4 | 1254.4 | 1254.4 | 1257.3 | 1251.5 | 1247.2 | 1238.6 | 1251.5 | 1241.4 |
| 40°    | 1201.1 | 1195.3 | 1201.1 | 1199.6 | 1201.1 | 1204.0 | 1201.1 | 1198.2 | 1189.6 | 1199.6 | 1191.0 |
| 42.5°  | 1140.5 | 1139.0 | 1140.5 | 1141.9 | 1141.9 | 1147.7 | 1152.1 | 1146.3 | 1143.4 | 1136.1 | 1141.9 |
| 45°    | 1075.6 | 1072.8 | 1075.6 | 1078.5 | 1079.9 | 1082.8 | 1095.8 | 1095.8 | 1091.5 | 1079.9 | 1088.6 |
| 47.5°  | 1006.4 | 999.2  | 1006.4 | 1015.1 | 1015.1 | 1019.4 | 1032.4 | 1042.4 | 1035.3 | 1020.9 | 1025.1 |
| 50°    | 932.9  | 934.3  | 932.9  | 938.6  | 938.6  | 954.5  | 964.6  | 974.7  | 981.9  | 964.6  | 944.4  |
| 52.5°  | 860.8  | 859.3  | 860.8  | 865.1  | 870.9  | 878.1  | 895.4  | 905.5  | 917.0  | 907.0  | 875.2  |
| 55°    | 788.7  | 791.6  | 788.7  | 790.1  | 793.0  | 797.4  | 823.3  | 833.4  | 855.0  | 842.0  | 808.9  |
| 57.5°  | 716.6  | 712.3  | 716.6  | 719.5  | 721.0  | 725.2  | 746.9  | 765.6  | 778.6  | 780.0  | 739.7  |
| 60°    | 633.0  | 627.2  | 633.0  | 646.0  | 648.8  | 651.7  | 671.9  | 689.2  | 700.8  | 705.0  | 663.3  |
| 62.5°  | 559.4  | 549.4  | 559.4  | 568.1  | 573.8  | 581.1  | 595.5  | 621.4  | 631.5  | 633.0  | 573.8  |
| 65°    | 481.6  | 477.3  | 481.6  | 498.8  | 500.3  | 509.0  | 524.8  | 543.6  | 565.2  | 562.3  | 477.3  |
| 67.5°  | 410.9  | 410.9  | 410.9  | 422.5  | 431.1  | 435.5  | 455.6  | 464.3  | 491.7  | 494.6  | 398.0  |
| 70°    | 346.1  | 344.6  | 346.1  | 354.7  | 360.5  | 370.5  | 389.3  | 399.4  | 421.1  | 428.2  | 323.0  |
| 72.5°  | 284.1  | 282.6  | 284.1  | 291.2  | 297.0  | 305.7  | 321.5  | 333.0  | 351.8  | 360.5  | 250.9  |
| 75°    | 229.3  | 226.4  | 229.3  | 235.0  | 233.6  | 245.1  | 258.1  | 269.7  | 287.0  | 292.7  | 186.0  |
| 77.5°  | 175.9  | 175.9  | 175.9  | 181.6  | 181.6  | 193.2  | 198.9  | 213.4  | 223.5  | 232.2  | 137.0  |
| 80°    | 131.2  | 129.8  | 131.2  | 132.7  | 132.7  | 138.4  | 148.5  | 158.6  | 167.2  | 167.2  | 93.7   |
| 82.5°  | 92.3   | 89.4   | 92.3   | 92.3   | 92.3   | 95.2   | 101.0  | 103.8  | 109.6  | 113.9  | 59.1   |
| 85°    | 57.7   | 57.7   | 57.7   | 59.1   | 57.7   | 60.6   | 62.0   | 64.9   | 64.9   | 62.0   | 36.0   |
| 87.5°  | 37.5   | 36.0   | 37.5   | 36.0   | 36.0   | 34.6   | 34.6   | 34.6   | 33.1   | 31.7   | 20.2   |
| 90°    | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 13.4   | 17.9   | 20.1   | 17.3   | 11.7   | 7.4    |
| 92.5°  | 40.2   | 32.2   | 40.2   | 48.2   | 50.2   | 71.1   | 99.1   | 113.1  | 99.3   | 71.7   | 50.9   |
| 95°    | 140.2  | 116.0  | 140.2  | 164.3  | 170.3  | 223.6  | 294.8  | 330.4  | 279.0  | 176.4  | 99.3   |
| 97.5°  | 335.8  | 289.8  | 335.8  | 381.8  | 393.3  | 427.0  | 471.9  | 494.4  | 408.8  | 237.5  | 109.1  |
| 100°   | 483.8  | 428.9  | 483.8  | 538.5  | 552.3  | 549.8  | 546.5  | 544.9  | 449.9  | 259.8  | 117.2  |
| 102.5° | 629.3  | 582.3  | 629.3  | 676.2  | 688.0  | 645.0  | 587.8  | 559.2  | 462.8  | 270.0  | 125.4  |
| 105°   | 814.9  | 789.7  | 814.9  | 840.2  | 846.5  | 750.2  | 621.8  | 557.5  | 464.3  | 277.6  | 137.6  |
| 107.5° | 936.5  | 942.7  | 936.5  | 930.4  | 928.9  | 794.5  | 615.4  | 525.9  | 443.6  | 279.0  | 155.6  |
| 110°   | 982.9  | 1009.2 | 982.9  | 956.5  | 950.0  | 799.8  | 599.6  | 499.4  | 425.2  | 276.9  | 165.6  |





TEST NUMBER: P934970

CATALOG NUMBER: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 80°   | 90°    | 100°  | 110°  | 112.5° | 120°  | 130°  | 135°  | 140°  | 150°  | 157.5° |
|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 987.0 | 1027.4 | 987.0 | 946.7 | 936.5  | 782.8 | 577.9 | 475.4 | 409.3 | 277.0 | 177.7  |
| 115°   | 960.9 | 1016.9 | 960.9 | 904.8 | 890.9  | 742.8 | 545.4 | 446.6 | 390.9 | 279.5 | 196.0  |
| 117.5° | 905.3 | 967.4  | 905.3 | 843.2 | 827.7  | 694.0 | 515.9 | 426.8 | 379.4 | 284.7 | 213.7  |
| 120°   | 860.6 | 920.9  | 860.6 | 800.3 | 785.2  | 663.1 | 500.3 | 418.8 | 375.6 | 288.9 | 224.0  |
| 122.5° | 817.1 | 876.6  | 817.1 | 757.6 | 742.7  | 632.7 | 486.1 | 412.8 | 373.5 | 295.0 | 236.1  |
| 125°   | 755.0 | 809.7  | 755.0 | 700.2 | 686.5  | 593.1 | 468.5 | 406.2 | 371.9 | 303.2 | 251.7  |
| 127.5° | 699.1 | 745.3  | 699.1 | 652.9 | 641.3  | 561.1 | 454.2 | 400.7 | 371.0 | 311.4 | 266.8  |
| 130°   | 666.2 | 708.9  | 666.2 | 623.4 | 612.8  | 541.4 | 446.2 | 398.6 | 371.5 | 317.4 | 276.8  |
| 132.5° | 636.3 | 674.5  | 636.3 | 598.0 | 588.5  | 524.6 | 439.3 | 396.7 | 371.9 | 322.2 | 285.0  |
| 135°   | 595.4 | 628.4  | 595.4 | 562.4 | 554.1  | 500.6 | 429.2 | 393.5 | 371.6 | 327.5 | 294.5  |
| 137.5° | 562.5 | 589.5  | 562.5 | 535.5 | 528.8  | 483.5 | 423.2 | 393.0 | 373.9 | 335.4 | 306.6  |
| 140°   | 540.0 | 565.2  | 540.0 | 514.7 | 508.4  | 469.3 | 417.2 | 391.2 | 374.2 | 340.3 | 314.8  |
| 142.5° | 521.3 | 543.0  | 521.3 | 499.6 | 494.2  | 459.8 | 414.1 | 391.2 | 375.6 | 344.3 | 320.9  |
| 145°   | 493.3 | 509.8  | 493.3 | 476.9 | 472.8  | 444.7 | 407.3 | 388.5 | 375.6 | 349.6 | 330.2  |
| 147.5° | 471.8 | 485.5  | 471.8 | 458.2 | 454.8  | 432.7 | 403.3 | 388.5 | 378.1 | 357.3 | 341.7  |
| 150°   | 458.3 | 469.4  | 458.3 | 447.2 | 444.5  | 425.8 | 401.0 | 388.5 | 379.5 | 361.4 | 347.9  |
| 152.5° | 446.7 | 455.1  | 446.7 | 438.4 | 436.3  | 420.4 | 399.2 | 388.5 | 380.3 | 364.1 | 351.8  |
| 155°   | 433.4 | 439.0  | 433.4 | 427.9 | 426.5  | 413.8 | 396.9 | 388.5 | 382.3 | 369.9 | 360.5  |
| 157.5° | 422.9 | 426.8  | 422.9 | 419.0 | 418.1  | 408.2 | 395.1 | 388.5 | 384.3 | 375.6 | 369.3  |
| 160°   | 416.6 | 418.8  | 416.6 | 414.4 | 413.9  | 405.5 | 394.1 | 388.5 | 385.1 | 378.3 | 373.2  |
| 162.5° | 412.5 | 414.7  | 412.5 | 410.4 | 409.9  | 402.7 | 393.3 | 388.5 | 386.0 | 381.1 | 377.4  |
| 165°   | 406.7 | 408.9  | 406.7 | 404.4 | 403.8  | 398.7 | 391.9 | 388.5 | 387.4 | 385.2 | 383.5  |
| 167.5° | 402.4 | 403.3  | 402.4 | 401.5 | 401.2  | 397.9 | 393.4 | 391.2 | 390.2 | 388.3 | 386.9  |
| 170°   | 401.2 | 401.2  | 401.2 | 401.2 | 401.2  | 397.9 | 393.4 | 391.2 | 391.1 | 391.0 | 390.9  |
| 172.5° | 398.1 | 397.2  | 398.1 | 398.9 | 399.1  | 396.4 | 392.9 | 391.2 | 391.2 | 391.2 | 391.2  |
| 175°   | 396.2 | 396.2  | 396.2 | 396.2 | 396.2  | 394.5 | 392.3 | 391.2 | 391.7 | 392.8 | 393.5  |
| 177.5° | 394.5 | 393.5  | 394.5 | 395.4 | 395.7  | 394.3 | 392.5 | 391.7 | 392.1 | 392.9 | 393.5  |
| 180°   | 393.5 | 393.5  | 393.5 | 393.5 | 393.5  | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5  |



TEST NUMBER: P934970  
 CATALOG NUMBER: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 |
| 2.5°   | 1545.7 | 1537.0 | 1537.0 | 1522.6 | 1516.8 | 1512.5 | 1505.3 | 1483.7 | 1477.9 | 1472.2 | 1480.8 |
| 5°     | 1558.6 | 1542.8 | 1531.2 | 1505.3 | 1483.7 | 1475.0 | 1447.6 | 1395.7 | 1361.2 | 1335.2 | 1320.8 |
| 7.5°   | 1561.5 | 1541.4 | 1519.7 | 1479.3 | 1427.4 | 1404.4 | 1320.8 | 1225.6 | 1199.6 | 1176.5 | 1162.1 |
| 10°    | 1558.6 | 1535.6 | 1505.3 | 1444.7 | 1322.2 | 1281.8 | 1198.2 | 1136.1 | 1120.3 | 1116.0 | 1120.3 |
| 12.5°  | 1548.6 | 1527.0 | 1485.1 | 1384.2 | 1212.6 | 1185.2 | 1136.1 | 1100.1 | 1097.3 | 1104.4 | 1143.4 |
| 15°    | 1531.2 | 1511.1 | 1462.0 | 1303.5 | 1152.1 | 1131.9 | 1097.3 | 1084.3 | 1100.1 | 1150.6 | 1267.4 |
| 17.5°  | 1513.9 | 1490.9 | 1430.3 | 1224.2 | 1105.9 | 1091.5 | 1067.0 | 1092.9 | 1182.3 | 1250.1 | 1289.0 |
| 20°    | 1490.9 | 1463.5 | 1394.3 | 1166.5 | 1072.8 | 1059.8 | 1048.2 | 1165.0 | 1232.8 | 1257.3 | 1278.9 |
| 22.5°  | 1463.5 | 1434.7 | 1345.2 | 1126.1 | 1038.2 | 1028.0 | 1035.3 | 1205.4 | 1232.8 | 1250.1 | 1268.8 |
| 25°    | 1427.4 | 1402.9 | 1287.5 | 1094.4 | 1010.7 | 999.2  | 1026.6 | 1201.1 | 1216.9 | 1221.3 | 1258.7 |
| 27.5°  | 1394.3 | 1362.5 | 1227.1 | 1065.5 | 977.6  | 973.2  | 1033.8 | 1182.3 | 1193.8 | 1198.2 | 1238.6 |
| 30°    | 1353.9 | 1306.3 | 1159.2 | 1035.3 | 943.0  | 941.5  | 1035.3 | 1159.2 | 1156.3 | 1167.9 | 1208.3 |
| 32.5°  | 1312.1 | 1222.7 | 1082.8 | 997.8  | 909.9  | 908.4  | 1025.1 | 1124.6 | 1121.7 | 1137.6 | 1167.9 |
| 35°    | 1273.1 | 1157.8 | 979.0  | 954.5  | 868.0  | 869.5  | 1000.7 | 1084.3 | 1085.7 | 1100.1 | 1118.8 |
| 37.5°  | 1232.8 | 1101.6 | 865.1  | 907.0  | 827.6  | 827.6  | 967.4  | 1046.8 | 1043.9 | 1048.2 | 1074.2 |
| 40°    | 1185.2 | 1013.6 | 764.2  | 844.9  | 790.1  | 785.8  | 927.1  | 1006.4 | 996.3  | 994.9  | 1030.9 |
| 42.5°  | 1134.8 | 917.0  | 689.2  | 762.7  | 746.9  | 741.2  | 878.1  | 957.4  | 938.6  | 943.0  | 989.1  |
| 45°    | 1079.9 | 891.1  | 631.5  | 644.5  | 702.2  | 697.9  | 824.7  | 901.2  | 888.2  | 899.7  | 947.3  |
| 47.5°  | 1025.1 | 839.1  | 612.8  | 535.0  | 654.6  | 653.1  | 765.6  | 846.4  | 839.1  | 850.7  | 901.2  |
| 50°    | 950.2  | 781.5  | 611.3  | 458.5  | 601.3  | 607.0  | 695.0  | 793.0  | 793.0  | 803.1  | 856.4  |
| 52.5°  | 853.6  | 710.8  | 555.1  | 415.3  | 539.2  | 556.5  | 633.0  | 746.9  | 749.8  | 759.9  | 807.4  |
| 55°    | 765.6  | 637.3  | 514.8  | 382.1  | 465.7  | 503.2  | 572.5  | 699.3  | 705.0  | 715.2  | 758.5  |
| 57.5°  | 684.9  | 530.6  | 506.1  | 343.2  | 398.0  | 434.0  | 519.0  | 653.1  | 656.0  | 664.7  | 706.5  |
| 60°    | 598.4  | 383.6  | 464.3  | 301.4  | 338.8  | 366.2  | 470.0  | 598.4  | 608.5  | 614.2  | 650.2  |
| 62.5°  | 500.3  | 278.3  | 421.1  | 272.5  | 310.0  | 315.8  | 429.7  | 546.5  | 559.4  | 563.8  | 585.4  |
| 65°    | 356.1  | 233.6  | 357.6  | 248.0  | 279.7  | 281.2  | 386.4  | 493.1  | 504.6  | 511.9  | 527.7  |
| 67.5°  | 240.8  | 190.3  | 272.5  | 224.9  | 256.6  | 258.1  | 344.6  | 431.1  | 447.0  | 452.8  | 462.8  |
| 70°    | 167.2  | 126.9  | 201.8  | 200.4  | 230.7  | 233.6  | 299.9  | 374.9  | 389.3  | 393.6  | 399.4  |
| 72.5°  | 122.5  | 102.4  | 167.2  | 180.2  | 203.3  | 206.2  | 253.7  | 311.4  | 325.9  | 330.2  | 333.0  |
| 75°    | 93.7   | 108.1  | 135.6  | 157.2  | 173.0  | 174.5  | 207.6  | 253.7  | 263.9  | 266.8  | 268.2  |
| 77.5°  | 75.0   | 101.0  | 99.5   | 126.9  | 141.3  | 138.4  | 162.9  | 196.1  | 204.7  | 204.7  | 204.7  |
| 80°    | 56.2   | 79.3   | 75.0   | 90.8   | 103.8  | 101.0  | 116.8  | 139.9  | 142.7  | 145.6  | 144.2  |
| 82.5°  | 41.8   | 50.4   | 50.4   | 57.7   | 69.2   | 66.3   | 77.9   | 90.8   | 90.8   | 90.8   | 93.7   |
| 85°    | 26.0   | 28.8   | 23.1   | 30.2   | 38.9   | 37.5   | 43.3   | 49.0   | 50.4   | 50.4   | 47.5   |
| 87.5°  | 15.8   | 13.0   | 7.2    | 11.5   | 17.3   | 17.3   | 20.2   | 21.6   | 20.2   | 20.2   | 20.2   |
| 90°    | 6.9    | 4.8    | 2.6    | 4.8    | 6.9    | 7.4    | 11.7   | 17.3   | 20.1   | 17.9   | 13.4   |
| 92.5°  | 46.4   | 28.5   | 10.6   | 28.5   | 46.4   | 50.9   | 71.7   | 99.3   | 113.1  | 99.1   | 71.1   |
| 95°    | 91.2   | 58.3   | 25.4   | 58.3   | 91.2   | 99.3   | 176.4  | 279.0  | 330.4  | 294.8  | 223.6  |
| 97.5°  | 101.8  | 72.8   | 43.9   | 72.8   | 101.8  | 109.1  | 237.5  | 408.8  | 494.4  | 471.9  | 427.0  |
| 100°   | 110.7  | 84.3   | 58.1   | 84.3   | 110.7  | 117.2  | 259.8  | 449.9  | 544.9  | 546.5  | 549.8  |
| 102.5° | 119.3  | 94.8   | 70.3   | 94.8   | 119.3  | 125.4  | 270.0  | 462.8  | 559.2  | 587.8  | 645.0  |
| 105°   | 132.4  | 111.6  | 90.8   | 111.6  | 132.4  | 137.6  | 277.6  | 464.3  | 557.5  | 621.8  | 750.2  |
| 107.5° | 150.7  | 131.4  | 112.0  | 131.4  | 150.7  | 155.6  | 279.0  | 443.6  | 525.9  | 615.4  | 794.5  |
| 110°   | 161.3  | 143.7  | 126.3  | 143.7  | 161.3  | 165.6  | 276.9  | 425.2  | 499.4  | 599.6  | 799.8  |



TEST NUMBER: P934970

CATALOG NUMBER: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 160°  | 170°  | 180°  | 190°  | 200°  | 202.5° | 210°  | 220°  | 225°  | 230°  | 240°  |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 173.6 | 156.9 | 140.2 | 156.9 | 173.6 | 177.7  | 277.0 | 409.3 | 475.4 | 577.9 | 782.8 |
| 115°   | 192.1 | 176.7 | 161.4 | 176.7 | 192.1 | 196.0  | 279.5 | 390.9 | 446.6 | 545.4 | 742.8 |
| 117.5° | 210.2 | 196.2 | 182.2 | 196.2 | 210.2 | 213.7  | 284.7 | 379.4 | 426.8 | 515.9 | 694.0 |
| 120°   | 220.7 | 207.5 | 194.4 | 207.5 | 220.7 | 224.0  | 288.9 | 375.6 | 418.8 | 500.3 | 663.1 |
| 122.5° | 232.8 | 219.6 | 206.3 | 219.6 | 232.8 | 236.1  | 295.0 | 373.5 | 412.8 | 486.1 | 632.7 |
| 125°   | 248.7 | 236.6 | 224.5 | 236.6 | 248.7 | 251.7  | 303.2 | 371.9 | 406.2 | 468.5 | 593.1 |
| 127.5° | 263.7 | 251.5 | 239.3 | 251.5 | 263.7 | 266.8  | 311.4 | 371.0 | 400.7 | 454.2 | 561.1 |
| 130°   | 273.5 | 260.4 | 247.3 | 260.4 | 273.5 | 276.8  | 317.4 | 371.5 | 398.6 | 446.2 | 541.4 |
| 132.5° | 281.7 | 268.6 | 255.4 | 268.6 | 281.7 | 285.0  | 322.2 | 371.9 | 396.7 | 439.3 | 524.6 |
| 135°   | 291.5 | 279.5 | 267.5 | 279.5 | 291.5 | 294.5  | 327.5 | 371.6 | 393.5 | 429.2 | 500.6 |
| 137.5° | 303.7 | 291.8 | 280.0 | 291.8 | 303.7 | 306.6  | 335.4 | 373.9 | 393.0 | 423.2 | 483.5 |
| 140°   | 312.1 | 301.2 | 290.3 | 301.2 | 312.1 | 314.8  | 340.3 | 374.2 | 391.2 | 417.2 | 469.3 |
| 142.5° | 318.3 | 308.3 | 298.2 | 308.3 | 318.3 | 320.9  | 344.3 | 375.6 | 391.2 | 414.1 | 459.8 |
| 145°   | 327.9 | 319.2 | 310.3 | 319.2 | 327.9 | 330.2  | 349.6 | 375.6 | 388.5 | 407.3 | 444.7 |
| 147.5° | 339.6 | 331.0 | 322.5 | 331.0 | 339.6 | 341.7  | 357.3 | 378.1 | 388.5 | 403.3 | 432.7 |
| 150°   | 345.9 | 338.2 | 330.4 | 338.2 | 345.9 | 347.9  | 361.4 | 379.5 | 388.5 | 401.0 | 425.8 |
| 152.5° | 350.3 | 344.5 | 338.6 | 344.5 | 350.3 | 351.8  | 364.1 | 380.3 | 388.5 | 399.2 | 420.4 |
| 155°   | 359.4 | 355.1 | 350.8 | 355.1 | 359.4 | 360.5  | 369.9 | 382.3 | 388.5 | 396.9 | 413.8 |
| 157.5° | 368.2 | 364.0 | 359.7 | 364.0 | 368.2 | 369.3  | 375.6 | 384.3 | 388.5 | 395.1 | 408.2 |
| 160°   | 372.3 | 369.1 | 365.8 | 369.1 | 372.3 | 373.2  | 378.3 | 385.1 | 388.5 | 394.1 | 405.5 |
| 162.5° | 376.8 | 374.4 | 371.9 | 374.4 | 376.8 | 377.4  | 381.1 | 386.0 | 388.5 | 393.3 | 402.7 |
| 165°   | 382.9 | 380.7 | 378.5 | 380.7 | 382.9 | 383.5  | 385.2 | 387.4 | 388.5 | 391.9 | 398.7 |
| 167.5° | 386.6 | 385.5 | 384.5 | 385.5 | 386.6 | 386.9  | 388.3 | 390.2 | 391.2 | 393.4 | 397.9 |
| 170°   | 390.6 | 389.5 | 388.5 | 389.5 | 390.6 | 390.9  | 391.0 | 391.1 | 391.2 | 393.4 | 397.9 |
| 172.5° | 391.1 | 390.9 | 390.6 | 390.9 | 391.1 | 391.2  | 391.2 | 391.2 | 391.2 | 392.9 | 396.4 |
| 175°   | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5  | 392.8 | 391.7 | 391.2 | 392.3 | 394.5 |
| 177.5° | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5  | 392.9 | 392.1 | 391.7 | 392.5 | 394.3 |
| 180°   | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 | 393.5  | 393.5 | 393.5 | 393.5 | 393.5 | 393.5 |



TEST NUMBER: P934970  
 CATALOG NUMBER: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 |
| 2.5°   | 1470.7 | 1466.4 | 1472.2 | 1456.2 | 1472.2 | 1466.4 | 1470.7 | 1480.8 | 1472.2 | 1477.9 | 1483.7 |
| 5°     | 1290.4 | 1283.3 | 1260.2 | 1241.4 | 1260.2 | 1283.3 | 1290.4 | 1320.8 | 1335.2 | 1361.2 | 1395.7 |
| 7.5°   | 1153.5 | 1147.7 | 1141.9 | 1130.4 | 1141.9 | 1147.7 | 1153.5 | 1162.1 | 1176.5 | 1199.6 | 1225.6 |
| 10°    | 1123.2 | 1124.6 | 1133.3 | 1131.9 | 1133.3 | 1124.6 | 1123.2 | 1120.3 | 1116.0 | 1120.3 | 1136.1 |
| 12.5°  | 1201.1 | 1214.0 | 1261.6 | 1258.7 | 1261.6 | 1214.0 | 1201.1 | 1143.4 | 1104.4 | 1097.3 | 1100.1 |
| 15°    | 1290.4 | 1294.8 | 1304.9 | 1306.3 | 1304.9 | 1294.8 | 1290.4 | 1267.4 | 1150.6 | 1100.1 | 1084.3 |
| 17.5°  | 1299.1 | 1300.6 | 1307.7 | 1307.7 | 1307.7 | 1300.6 | 1299.1 | 1289.0 | 1250.1 | 1182.3 | 1092.9 |
| 20°    | 1291.9 | 1294.8 | 1309.2 | 1312.1 | 1309.2 | 1294.8 | 1291.9 | 1278.9 | 1257.3 | 1232.8 | 1165.0 |
| 22.5°  | 1289.0 | 1294.8 | 1306.3 | 1304.9 | 1306.3 | 1294.8 | 1289.0 | 1268.8 | 1250.1 | 1232.8 | 1205.4 |
| 25°    | 1274.6 | 1274.6 | 1276.0 | 1277.5 | 1276.0 | 1274.6 | 1274.6 | 1258.7 | 1221.3 | 1216.9 | 1201.1 |
| 27.5°  | 1244.3 | 1247.2 | 1255.8 | 1254.4 | 1255.8 | 1247.2 | 1244.3 | 1238.6 | 1198.2 | 1193.8 | 1182.3 |
| 30°    | 1216.9 | 1214.0 | 1206.9 | 1201.1 | 1206.9 | 1214.0 | 1216.9 | 1208.3 | 1167.9 | 1156.3 | 1159.2 |
| 32.5°  | 1170.8 | 1163.6 | 1156.3 | 1152.1 | 1156.3 | 1163.6 | 1170.8 | 1167.9 | 1137.6 | 1121.7 | 1124.6 |
| 35°    | 1116.0 | 1117.4 | 1116.0 | 1111.7 | 1116.0 | 1117.4 | 1116.0 | 1118.8 | 1100.1 | 1085.7 | 1084.3 |
| 37.5°  | 1077.1 | 1079.9 | 1078.5 | 1072.8 | 1078.5 | 1079.9 | 1077.1 | 1074.2 | 1048.2 | 1043.9 | 1046.8 |
| 40°    | 1036.7 | 1038.2 | 1036.7 | 1032.4 | 1036.7 | 1038.2 | 1036.7 | 1030.9 | 994.9  | 996.3  | 1006.4 |
| 42.5°  | 997.8  | 996.3  | 992.0  | 989.1  | 992.0  | 996.3  | 997.8  | 989.1  | 943.0  | 938.6  | 957.4  |
| 45°    | 953.0  | 954.5  | 945.9  | 941.5  | 945.9  | 954.5  | 953.0  | 947.3  | 899.7  | 888.2  | 901.2  |
| 47.5°  | 908.4  | 908.4  | 901.2  | 896.8  | 901.2  | 908.4  | 908.4  | 901.2  | 850.7  | 839.1  | 846.4  |
| 50°    | 860.8  | 859.3  | 849.3  | 847.8  | 849.3  | 859.3  | 860.8  | 856.4  | 803.1  | 793.0  | 793.0  |
| 52.5°  | 806.0  | 806.0  | 807.4  | 810.3  | 807.4  | 806.0  | 806.0  | 807.4  | 759.9  | 749.8  | 746.9  |
| 55°    | 758.5  | 759.9  | 770.0  | 772.8  | 770.0  | 759.9  | 758.5  | 758.5  | 715.2  | 705.0  | 699.3  |
| 57.5°  | 709.4  | 709.4  | 716.6  | 716.6  | 716.6  | 709.4  | 709.4  | 706.5  | 664.7  | 656.0  | 653.1  |
| 60°    | 653.1  | 656.0  | 661.8  | 660.4  | 661.8  | 656.0  | 653.1  | 650.2  | 614.2  | 608.5  | 598.4  |
| 62.5°  | 594.0  | 596.9  | 598.4  | 595.5  | 598.4  | 596.9  | 594.0  | 585.4  | 563.8  | 559.4  | 546.5  |
| 65°    | 532.1  | 535.0  | 536.3  | 533.5  | 536.3  | 535.0  | 532.1  | 527.7  | 511.9  | 504.6  | 493.1  |
| 67.5°  | 468.6  | 467.2  | 465.7  | 471.5  | 465.7  | 467.2  | 468.6  | 462.8  | 452.8  | 447.0  | 431.1  |
| 70°    | 403.7  | 403.7  | 402.3  | 405.1  | 402.3  | 403.7  | 403.7  | 399.4  | 393.6  | 389.3  | 374.9  |
| 72.5°  | 334.5  | 333.0  | 338.8  | 334.5  | 338.8  | 333.0  | 334.5  | 333.0  | 330.2  | 325.9  | 311.4  |
| 75°    | 266.8  | 269.7  | 266.8  | 271.1  | 266.8  | 269.7  | 266.8  | 268.2  | 266.8  | 263.9  | 253.7  |
| 77.5°  | 203.3  | 206.2  | 203.3  | 203.3  | 203.3  | 206.2  | 203.3  | 204.7  | 204.7  | 204.7  | 196.1  |
| 80°    | 144.2  | 142.7  | 142.7  | 141.3  | 142.7  | 142.7  | 144.2  | 144.2  | 145.6  | 142.7  | 139.9  |
| 82.5°  | 92.3   | 90.8   | 90.8   | 93.7   | 90.8   | 90.8   | 92.3   | 93.7   | 90.8   | 90.8   | 90.8   |
| 85°    | 50.4   | 51.9   | 49.0   | 49.0   | 49.0   | 51.9   | 50.4   | 47.5   | 50.4   | 50.4   | 49.0   |
| 87.5°  | 18.7   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 18.7   | 20.2   | 20.2   | 20.2   | 21.6   |
| 90°    | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 13.4   | 17.9   | 20.1   | 17.3   |
| 92.5°  | 50.2   | 48.2   | 40.2   | 32.2   | 40.2   | 48.2   | 50.2   | 71.1   | 99.1   | 113.1  | 99.3   |
| 95°    | 170.3  | 164.3  | 140.2  | 116.0  | 140.2  | 164.3  | 170.3  | 223.6  | 294.8  | 330.4  | 279.0  |
| 97.5°  | 393.3  | 381.8  | 335.8  | 289.8  | 335.8  | 381.8  | 393.3  | 427.0  | 471.9  | 494.4  | 408.8  |
| 100°   | 552.3  | 538.5  | 483.8  | 428.9  | 483.8  | 538.5  | 552.3  | 549.8  | 546.5  | 544.9  | 449.9  |
| 102.5° | 688.0  | 676.2  | 629.3  | 582.3  | 629.3  | 676.2  | 688.0  | 645.0  | 587.8  | 559.2  | 462.8  |
| 105°   | 846.5  | 840.2  | 814.9  | 789.7  | 814.9  | 840.2  | 846.5  | 750.2  | 621.8  | 557.5  | 464.3  |
| 107.5° | 928.9  | 930.4  | 936.5  | 942.7  | 936.5  | 930.4  | 928.9  | 794.5  | 615.4  | 525.9  | 443.6  |
| 110°   | 950.0  | 956.5  | 982.9  | 1009.2 | 982.9  | 956.5  | 950.0  | 799.8  | 599.6  | 499.4  | 425.2  |



TEST NUMBER: P934970

CATALOG NUMBER: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 260°  | 270°   | 280°  | 290°  | 292.5° | 300°  | 310°  | 315°  | 320°  |
|--------|--------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|
| 112.5° | 936.5  | 946.7 | 987.0 | 1027.4 | 987.0 | 946.7 | 936.5  | 782.8 | 577.9 | 475.4 | 409.3 |
| 115°   | 890.9  | 904.8 | 960.9 | 1016.9 | 960.9 | 904.8 | 890.9  | 742.8 | 545.4 | 446.6 | 390.9 |
| 117.5° | 827.7  | 843.2 | 905.3 | 967.4  | 905.3 | 843.2 | 827.7  | 694.0 | 515.9 | 426.8 | 379.4 |
| 120°   | 785.2  | 800.3 | 860.6 | 920.9  | 860.6 | 800.3 | 785.2  | 663.1 | 500.3 | 418.8 | 375.6 |
| 122.5° | 742.7  | 757.6 | 817.1 | 876.6  | 817.1 | 757.6 | 742.7  | 632.7 | 486.1 | 412.8 | 373.5 |
| 125°   | 686.5  | 700.2 | 755.0 | 809.7  | 755.0 | 700.2 | 686.5  | 593.1 | 468.5 | 406.2 | 371.9 |
| 127.5° | 641.3  | 652.9 | 699.1 | 745.3  | 699.1 | 652.9 | 641.3  | 561.1 | 454.2 | 400.7 | 371.0 |
| 130°   | 612.8  | 623.4 | 666.2 | 708.9  | 666.2 | 623.4 | 612.8  | 541.4 | 446.2 | 398.6 | 371.5 |
| 132.5° | 588.5  | 598.0 | 636.3 | 674.5  | 636.3 | 598.0 | 588.5  | 524.6 | 439.3 | 396.7 | 371.9 |
| 135°   | 554.1  | 562.4 | 595.4 | 628.4  | 595.4 | 562.4 | 554.1  | 500.6 | 429.2 | 393.5 | 371.6 |
| 137.5° | 528.8  | 535.5 | 562.5 | 589.5  | 562.5 | 535.5 | 528.8  | 483.5 | 423.2 | 393.0 | 373.9 |
| 140°   | 508.4  | 514.7 | 540.0 | 565.2  | 540.0 | 514.7 | 508.4  | 469.3 | 417.2 | 391.2 | 374.2 |
| 142.5° | 494.2  | 499.6 | 521.3 | 543.0  | 521.3 | 499.6 | 494.2  | 459.8 | 414.1 | 391.2 | 375.6 |
| 145°   | 472.8  | 476.9 | 493.3 | 509.8  | 493.3 | 476.9 | 472.8  | 444.7 | 407.3 | 388.5 | 375.6 |
| 147.5° | 454.8  | 458.2 | 471.8 | 485.5  | 471.8 | 458.2 | 454.8  | 432.7 | 403.3 | 388.5 | 378.1 |
| 150°   | 444.5  | 447.2 | 458.3 | 469.4  | 458.3 | 447.2 | 444.5  | 425.8 | 401.0 | 388.5 | 379.5 |
| 152.5° | 436.3  | 438.4 | 446.7 | 455.1  | 446.7 | 438.4 | 436.3  | 420.4 | 399.2 | 388.5 | 380.3 |
| 155°   | 426.5  | 427.9 | 433.4 | 439.0  | 433.4 | 427.9 | 426.5  | 413.8 | 396.9 | 388.5 | 382.3 |
| 157.5° | 418.1  | 419.0 | 422.9 | 426.8  | 422.9 | 419.0 | 418.1  | 408.2 | 395.1 | 388.5 | 384.3 |
| 160°   | 413.9  | 414.4 | 416.6 | 418.8  | 416.6 | 414.4 | 413.9  | 405.5 | 394.1 | 388.5 | 385.1 |
| 162.5° | 409.9  | 410.4 | 412.5 | 414.7  | 412.5 | 410.4 | 409.9  | 402.7 | 393.3 | 388.5 | 386.0 |
| 165°   | 403.8  | 404.4 | 406.7 | 408.9  | 406.7 | 404.4 | 403.8  | 398.7 | 391.9 | 388.5 | 387.4 |
| 167.5° | 401.2  | 401.5 | 402.4 | 403.3  | 402.4 | 401.5 | 401.2  | 397.9 | 393.4 | 391.2 | 390.2 |
| 170°   | 401.2  | 401.2 | 401.2 | 401.2  | 401.2 | 401.2 | 401.2  | 397.9 | 393.4 | 391.2 | 391.1 |
| 172.5° | 399.1  | 398.9 | 398.1 | 397.2  | 398.1 | 398.9 | 399.1  | 396.4 | 392.9 | 391.2 | 391.2 |
| 175°   | 396.2  | 396.2 | 396.2 | 396.2  | 396.2 | 396.2 | 396.2  | 394.5 | 392.3 | 391.2 | 391.7 |
| 177.5° | 395.7  | 395.4 | 394.5 | 393.5  | 394.5 | 395.4 | 395.7  | 394.3 | 392.5 | 391.7 | 392.1 |
| 180°   | 393.5  | 393.5 | 393.5 | 393.5  | 393.5 | 393.5 | 393.5  | 393.5 | 393.5 | 393.5 | 393.5 |



TEST NUMBER: P934970

CATALOG NUMBER: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 1524.1 | 1524.1 | 1524.1 | 1524.1 | 1524.1 |
| 2.5°   | 1505.3 | 1512.5 | 1516.8 | 1522.6 | 1537.0 |
| 5°     | 1447.6 | 1475.0 | 1483.7 | 1505.3 | 1531.2 |
| 7.5°   | 1320.8 | 1404.4 | 1427.4 | 1479.3 | 1519.7 |
| 10°    | 1198.2 | 1281.8 | 1322.2 | 1444.7 | 1505.3 |
| 12.5°  | 1136.1 | 1185.2 | 1212.6 | 1384.2 | 1485.1 |
| 15°    | 1097.3 | 1131.9 | 1152.1 | 1303.5 | 1462.0 |
| 17.5°  | 1067.0 | 1091.5 | 1105.9 | 1224.2 | 1430.3 |
| 20°    | 1048.2 | 1059.8 | 1072.8 | 1166.5 | 1394.3 |
| 22.5°  | 1035.3 | 1028.0 | 1038.2 | 1126.1 | 1345.2 |
| 25°    | 1026.6 | 999.2  | 1010.7 | 1094.4 | 1287.5 |
| 27.5°  | 1033.8 | 973.2  | 977.6  | 1065.5 | 1227.1 |
| 30°    | 1035.3 | 941.5  | 943.0  | 1035.3 | 1159.2 |
| 32.5°  | 1025.1 | 908.4  | 909.9  | 997.8  | 1082.8 |
| 35°    | 1000.7 | 869.5  | 868.0  | 954.5  | 979.0  |
| 37.5°  | 967.4  | 827.6  | 827.6  | 907.0  | 865.1  |
| 40°    | 927.1  | 785.8  | 790.1  | 844.9  | 764.2  |
| 42.5°  | 878.1  | 741.2  | 746.9  | 762.7  | 689.2  |
| 45°    | 824.7  | 697.9  | 702.2  | 644.5  | 631.5  |
| 47.5°  | 765.6  | 653.1  | 654.6  | 535.0  | 612.8  |
| 50°    | 695.0  | 607.0  | 601.3  | 458.5  | 611.3  |
| 52.5°  | 633.0  | 556.5  | 539.2  | 415.3  | 555.1  |
| 55°    | 572.5  | 503.2  | 465.7  | 382.1  | 514.8  |
| 57.5°  | 519.0  | 434.0  | 398.0  | 343.2  | 506.1  |
| 60°    | 470.0  | 366.2  | 338.8  | 301.4  | 464.3  |
| 62.5°  | 429.7  | 315.8  | 310.0  | 272.5  | 421.1  |
| 65°    | 386.4  | 281.2  | 279.7  | 248.0  | 357.6  |
| 67.5°  | 344.6  | 258.1  | 256.6  | 224.9  | 272.5  |
| 70°    | 299.9  | 233.6  | 230.7  | 200.4  | 201.8  |
| 72.5°  | 253.7  | 206.2  | 203.3  | 180.2  | 167.2  |
| 75°    | 207.6  | 174.5  | 173.0  | 157.2  | 135.6  |
| 77.5°  | 162.9  | 138.4  | 141.3  | 126.9  | 99.5   |
| 80°    | 116.8  | 101.0  | 103.8  | 90.8   | 75.0   |
| 82.5°  | 77.9   | 66.3   | 69.2   | 57.7   | 50.4   |
| 85°    | 43.3   | 37.5   | 38.9   | 30.2   | 23.1   |
| 87.5°  | 20.2   | 17.3   | 17.3   | 11.5   | 7.2    |
| 90°    | 11.7   | 7.4    | 6.9    | 4.8    | 2.6    |
| 92.5°  | 71.7   | 50.9   | 46.4   | 28.5   | 10.6   |
| 95°    | 176.4  | 99.3   | 91.2   | 58.3   | 25.4   |
| 97.5°  | 237.5  | 109.1  | 101.8  | 72.8   | 43.9   |
| 100°   | 259.8  | 117.2  | 110.7  | 84.3   | 58.1   |
| 102.5° | 270.0  | 125.4  | 119.3  | 94.8   | 70.3   |
| 105°   | 277.6  | 137.6  | 132.4  | 111.6  | 90.8   |
| 107.5° | 279.0  | 155.6  | 150.7  | 131.4  | 112.0  |
| 110°   | 276.9  | 165.6  | 161.3  | 143.7  | 126.3  |



TEST NUMBER: P934970

CATALOG NUMBER: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 277.0 | 177.7  | 173.6 | 156.9 | 140.2 |
| 115°   | 279.5 | 196.0  | 192.1 | 176.7 | 161.4 |
| 117.5° | 284.7 | 213.7  | 210.2 | 196.2 | 182.2 |
| 120°   | 288.9 | 224.0  | 220.7 | 207.5 | 194.4 |
| 122.5° | 295.0 | 236.1  | 232.8 | 219.6 | 206.3 |
| 125°   | 303.2 | 251.7  | 248.7 | 236.6 | 224.5 |
| 127.5° | 311.4 | 266.8  | 263.7 | 251.5 | 239.3 |
| 130°   | 317.4 | 276.8  | 273.5 | 260.4 | 247.3 |
| 132.5° | 322.2 | 285.0  | 281.7 | 268.6 | 255.4 |
| 135°   | 327.5 | 294.5  | 291.5 | 279.5 | 267.5 |
| 137.5° | 335.4 | 306.6  | 303.7 | 291.8 | 280.0 |
| 140°   | 340.3 | 314.8  | 312.1 | 301.2 | 290.3 |
| 142.5° | 344.3 | 320.9  | 318.3 | 308.3 | 298.2 |
| 145°   | 349.6 | 330.2  | 327.9 | 319.2 | 310.3 |
| 147.5° | 357.3 | 341.7  | 339.6 | 331.0 | 322.5 |
| 150°   | 361.4 | 347.9  | 345.9 | 338.2 | 330.4 |
| 152.5° | 364.1 | 351.8  | 350.3 | 344.5 | 338.6 |
| 155°   | 369.9 | 360.5  | 359.4 | 355.1 | 350.8 |
| 157.5° | 375.6 | 369.3  | 368.2 | 364.0 | 359.7 |
| 160°   | 378.3 | 373.2  | 372.3 | 369.1 | 365.8 |
| 162.5° | 381.1 | 377.4  | 376.8 | 374.4 | 371.9 |
| 165°   | 385.2 | 383.5  | 382.9 | 380.7 | 378.5 |
| 167.5° | 388.3 | 386.9  | 386.6 | 385.5 | 384.5 |
| 170°   | 391.0 | 390.9  | 390.6 | 389.5 | 388.5 |
| 172.5° | 391.2 | 391.2  | 391.1 | 390.9 | 390.6 |
| 175°   | 392.8 | 393.5  | 393.5 | 393.5 | 393.5 |
| 177.5° | 392.9 | 393.5  | 393.5 | 393.5 | 393.5 |
| 180°   | 393.5 | 393.5  | 393.5 | 393.5 | 393.5 |



TEST NUMBER: P934970  
 CATALOG NUMBER: SQ4-FA-075U-125D-935-1D-UNV-STD-W-4

**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 | 14.94            | 15.90 | 15.80 | 16.78 | 17.89 | 17.73          | 18.70 | 18.59 | 19.58 | 20.69 |
|                 | 3H   | 15.42            | 16.29 | 16.29 | 17.18 | 18.31 | 19.08          | 19.95 | 19.95 | 20.84 | 21.97 |
|                 | 4H   | 15.62            | 16.44 | 16.51 | 17.33 | 18.48 | 19.52          | 20.34 | 20.41 | 21.24 | 22.38 |
|                 | 6H   | 15.74            | 16.50 | 16.64 | 17.40 | 18.56 | 19.80          | 20.56 | 20.70 | 21.46 | 22.62 |
|                 | 8H   | 15.75            | 16.47 | 16.65 | 17.39 | 18.54 | 19.88          | 20.60 | 20.78 | 21.52 | 22.67 |
|                 | 12H  | 15.72            | 16.41 | 16.64 | 17.32 | 18.50 | 19.91          | 20.60 | 20.83 | 21.51 | 22.70 |
| 4H              | 2H   | 15.97            | 16.79 | 16.87 | 17.69 | 18.84 | 18.16          | 18.98 | 19.05 | 19.87 | 21.02 |
|                 | 3H   | 17.01            | 17.69 | 17.91 | 18.62 | 19.78 | 19.66          | 20.35 | 20.57 | 21.27 | 22.43 |
|                 | 4H   | 17.29            | 17.91 | 18.21 | 18.84 | 20.02 | 20.19          | 20.81 | 21.10 | 21.74 | 22.92 |
|                 | 6H   | 17.42            | 17.96 | 18.35 | 18.91 | 20.09 | 20.55          | 21.09 | 21.48 | 22.04 | 23.22 |
|                 | 8H   | 17.43            | 17.93 | 18.36 | 18.87 | 20.08 | 20.66          | 21.16 | 21.59 | 22.10 | 23.30 |
|                 | 12H  | 17.40            | 17.86 | 18.35 | 18.82 | 20.02 | 20.71          | 21.17 | 21.67 | 22.13 | 23.33 |
| 8H              | 4H   | 17.75            | 18.25 | 18.68 | 19.19 | 20.39 | 20.32          | 20.83 | 21.26 | 21.77 | 22.97 |
|                 | 6H   | 18.01            | 18.43 | 18.97 | 19.41 | 20.61 | 20.76          | 21.17 | 21.71 | 22.15 | 23.35 |
|                 | 8H   | 18.06            | 18.43 | 19.03 | 19.40 | 20.62 | 20.90          | 21.27 | 21.87 | 22.24 | 23.46 |
|                 | 12H  | 18.05            | 18.37 | 19.02 | 19.34 | 20.60 | 21.00          | 21.33 | 21.97 | 22.29 | 23.56 |
| 12H             | 4H   | 17.76            | 18.21 | 18.71 | 19.17 | 20.38 | 20.29          | 20.75 | 21.24 | 21.71 | 22.91 |
|                 | 6H   | 18.07            | 18.44 | 19.04 | 19.42 | 20.63 | 20.75          | 21.12 | 21.72 | 22.10 | 23.31 |
|                 | 8H   | 18.15            | 18.47 | 19.12 | 19.44 | 20.70 | 20.92          | 21.24 | 21.89 | 22.21 | 23.47 |