

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: P1435968

Luminaire Tested: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435968
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS BATWING ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1000 LUMENS PER FOOT
UPLIGHT 750 LUMENS PER FOOT
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

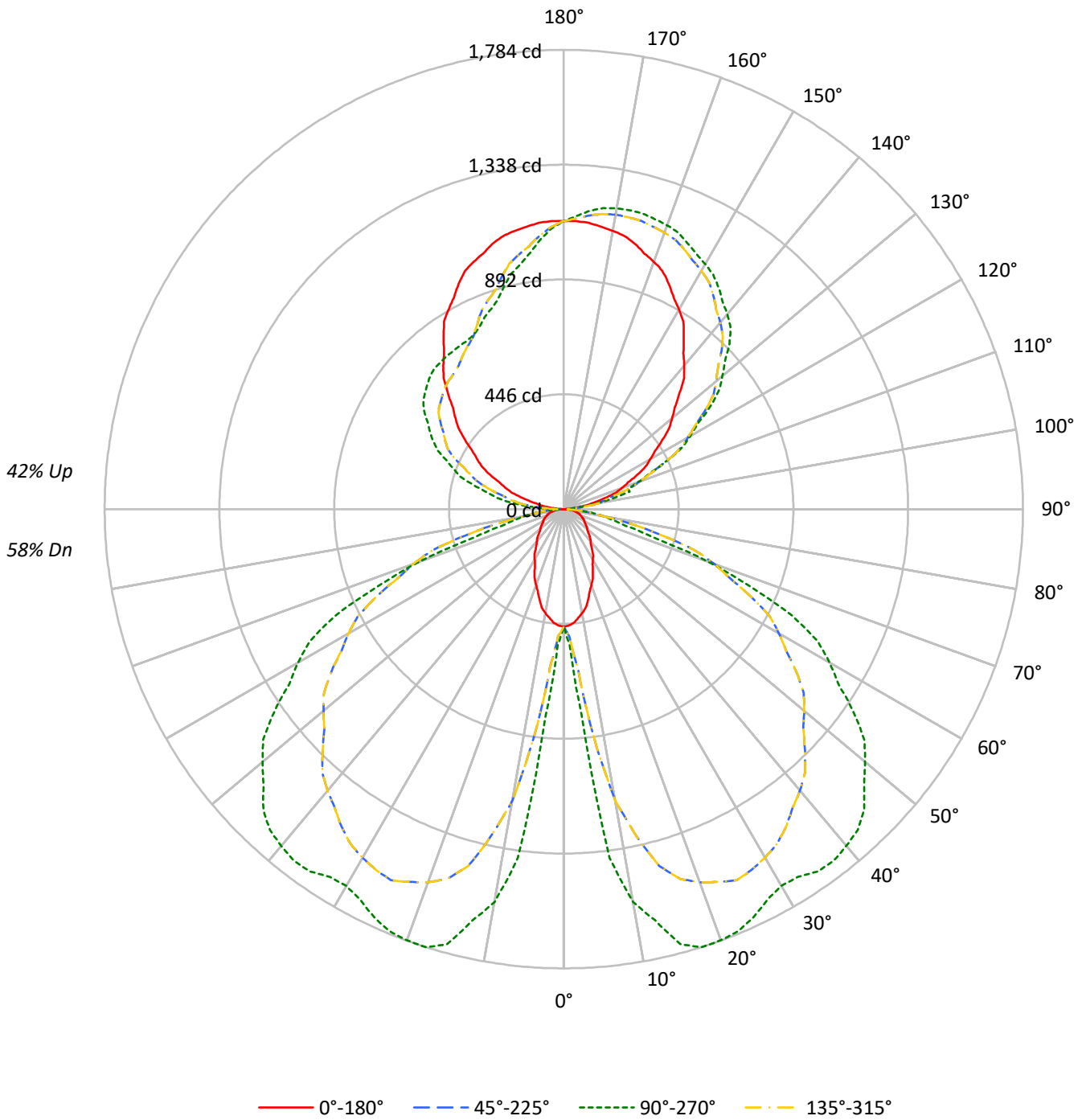
Lumens per Lamp: N/A
Luminaire Lumens: 7781.5 lumens
Efficiency: N/A
Efficacy: 127.1 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 61.2
Input Voltage (V): 120
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: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

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 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 63 | 63 | 63 | 58 | | | | |
| 1 | 99 | 95 | 91 | 87 | 92 | 89 | 85 | 82 | 77 | 74 | 72 | 66 | 64 | 62 | 56 | 54 | 53 | 48 | | | | |
| 2 | 90 | 82 | 76 | 71 | 84 | 77 | 71 | 67 | 67 | 62 | 59 | 57 | 54 | 51 | 49 | 46 | 44 | 40 | | | | |
| 3 | 82 | 72 | 64 | 58 | 76 | 67 | 60 | 55 | 58 | 53 | 49 | 50 | 46 | 43 | 43 | 39 | 37 | 33 | | | | |
| 4 | 75 | 63 | 55 | 49 | 69 | 59 | 52 | 46 | 51 | 46 | 41 | 44 | 40 | 36 | 38 | 34 | 31 | 28 | | | | |
| 5 | 68 | 56 | 48 | 41 | 63 | 52 | 45 | 39 | 46 | 40 | 35 | 39 | 35 | 31 | 33 | 30 | 27 | 24 | | | | |
| 6 | 63 | 50 | 41 | 35 | 58 | 47 | 39 | 34 | 41 | 35 | 30 | 35 | 30 | 27 | 30 | 26 | 23 | 20 | | | | |
| 7 | 58 | 45 | 37 | 31 | 54 | 42 | 35 | 29 | 37 | 31 | 26 | 32 | 27 | 23 | 27 | 23 | 20 | 18 | | | | |
| 8 | 53 | 41 | 32 | 27 | 50 | 38 | 31 | 26 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 16 | | | | |
| 9 | 50 | 37 | 29 | 24 | 46 | 35 | 28 | 23 | 30 | 25 | 20 | 26 | 22 | 18 | 23 | 19 | 16 | 14 | | | | |
| 10 | 46 | 34 | 26 | 21 | 43 | 32 | 25 | 20 | 28 | 22 | 18 | 24 | 20 | 16 | 21 | 17 | 14 | 12 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|-------|------|-------|
| 0° | 7370 | 7370 | 7370 | 7370 |
| 5° | 7186 | 13055 | 7186 | 13055 |
| 10° | 6730 | 25405 | 6730 | 25405 |
| 15° | 6091 | 29241 | 6091 | 29241 |
| 20° | 5393 | 30623 | 5393 | 30623 |
| 25° | 4771 | 31126 | 4771 | 31126 |
| 30° | 4215 | 31509 | 4215 | 31509 |
| 35° | 3765 | 33874 | 3765 | 33874 |
| 40° | 3423 | 35992 | 3423 | 35992 |
| 45° | 3158 | 37689 | 3158 | 37689 |
| 50° | 2976 | 38373 | 2976 | 38373 |
| 55° | 2905 | 38677 | 2905 | 38677 |
| 60° | 2977 | 38485 | 2977 | 38485 |
| 65° | 3102 | 37398 | 3102 | 37398 |
| 70° | 3210 | 28286 | 3210 | 28286 |
| 75° | 3562 | 15608 | 3562 | 15608 |
| 80° | 3673 | 14486 | 3673 | 14486 |
| 85° | 3668 | 6095 | 3668 | 6095 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 39027 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 76.5 | 1.0 |
| 10°-20° | 349.0 | 4.5 |
| 20°-30° | 614.2 | 7.9 |
| 30°-40° | 795.0 | 10.2 |
| 40°-50° | 876.8 | 11.3 |
| 50°-60° | 818.3 | 10.5 |
| 60°-70° | 632.2 | 8.1 |
| 70°-80° | 291.4 | 3.7 |
| 80°-90° | 60.4 | 0.8 |
| 90°-100° | 89.1 | 1.1 |
| 100°-110° | 259.7 | 3.3 |
| 110°-120° | 423.9 | 5.4 |
| 120°-130° | 537.9 | 6.9 |
| 130°-140° | 575.6 | 7.4 |
| 140°-150° | 537.5 | 6.9 |
| 150°-160° | 442.3 | 5.7 |
| 160°-170° | 296.6 | 3.8 |
| 170°-180° | 105.3 | 1.4 |
| 0°-30° | 1039.7 | 13.4 |
| 0°-40° | 1834.7 | 23.6 |
| 0°-60° | 3529.7 | 45.4 |
| 0°-90° | 4513.7 | 58.0 |
| 90°-120° | 772.7 | 9.9 |
| 90°-150° | 2423.6 | 31.1 |
| 90°-180° | 3268.0 | 42.0 |
| 0°-180° | 7781.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 456 | 456 | 456 | 456 | 456 | |
| 5° | 443 | 806 | 443 | 806 | 443 | 41 |
| 15° | 364 | 1749 | 364 | 1749 | 364 | 102 |
| 25° | 268 | 1747 | 268 | 1747 | 268 | 123 |
| 35° | 191 | 1719 | 191 | 1719 | 191 | 120 |
| 45° | 138 | 1651 | 138 | 1651 | 138 | 107 |
| 55° | 103 | 1374 | 103 | 1374 | 103 | 93 |
| 65° | 81 | 979 | 81 | 979 | 81 | 80 |
| 75° | 57 | 250 | 57 | 250 | 57 | 59 |
| 85° | 20 | 33 | 20 | 33 | 20 | 21 |
| 90° | 3 | 25 | 3 | 49 | 3 | 4 |
| 95° | 35 | 26 | 35 | 153 | 35 | 42 |
| 105° | 165 | 264 | 165 | 364 | 165 | 176 |
| 115° | 316 | 439 | 316 | 540 | 316 | 312 |
| 125° | 468 | 695 | 468 | 662 | 468 | 419 |
| 135° | 636 | 910 | 636 | 734 | 636 | 492 |
| 145° | 813 | 1049 | 813 | 750 | 813 | 509 |
| 155° | 965 | 1140 | 965 | 778 | 965 | 444 |
| 165° | 1067 | 1188 | 1067 | 895 | 1067 | 300 |
| 175° | 1116 | 1163 | 1116 | 1050 | 1116 | 106 |
| 180° | 1119 | 1119 | 1119 | 1119 | 1119 | |



TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 |
| 2.5° | 453.0 | 461.6 | 470.2 | 479.4 | 488.7 | 498.9 | 509.8 | 519.2 | 523.9 | 528.5 | 523.9 |
| 5° | 443.4 | 472.6 | 501.9 | 544.3 | 591.2 | 644.3 | 703.8 | 754.8 | 780.2 | 805.5 | 780.2 |
| 7.5° | 426.3 | 485.8 | 545.3 | 671.4 | 819.6 | 973.6 | 1133.2 | 1265.6 | 1316.3 | 1367.0 | 1316.3 |
| 10° | 410.5 | 493.4 | 576.3 | 790.2 | 1047.7 | 1245.7 | 1384.3 | 1495.0 | 1522.3 | 1549.6 | 1522.3 |
| 12.5° | 392.9 | 505.5 | 618.0 | 882.1 | 1196.6 | 1402.4 | 1499.6 | 1579.5 | 1607.6 | 1635.7 | 1607.6 |
| 15° | 364.4 | 525.3 | 686.3 | 984.8 | 1329.2 | 1540.8 | 1619.9 | 1686.9 | 1718.1 | 1749.4 | 1718.1 |
| 17.5° | 334.9 | 549.2 | 763.4 | 1067.9 | 1402.5 | 1608.9 | 1687.2 | 1750.1 | 1767.1 | 1784.0 | 1767.1 |
| 20° | 313.9 | 565.6 | 817.2 | 1122.3 | 1445.2 | 1640.3 | 1707.7 | 1760.8 | 1771.6 | 1782.3 | 1771.6 |
| 22.5° | 294.6 | 575.9 | 857.2 | 1162.7 | 1476.3 | 1658.5 | 1709.4 | 1750.5 | 1762.0 | 1773.5 | 1762.0 |
| 25° | 267.8 | 584.8 | 901.9 | 1206.5 | 1506.9 | 1673.3 | 1705.5 | 1731.6 | 1739.4 | 1747.2 | 1739.4 |
| 27.5° | 241.9 | 576.9 | 911.9 | 1212.6 | 1502.0 | 1657.2 | 1678.2 | 1696.0 | 1703.6 | 1711.2 | 1703.6 |
| 30° | 226.1 | 566.5 | 907.0 | 1205.0 | 1488.9 | 1638.6 | 1654.2 | 1668.6 | 1679.4 | 1690.1 | 1679.4 |
| 32.5° | 212.0 | 554.1 | 896.1 | 1190.4 | 1468.8 | 1615.4 | 1630.3 | 1647.2 | 1670.4 | 1693.6 | 1670.4 |
| 35° | 191.0 | 527.5 | 864.1 | 1155.3 | 1431.3 | 1581.1 | 1604.5 | 1632.8 | 1675.7 | 1718.6 | 1675.7 |
| 37.5° | 173.0 | 493.5 | 814.1 | 1102.3 | 1379.7 | 1542.9 | 1591.9 | 1639.0 | 1680.3 | 1721.7 | 1680.3 |
| 40° | 162.4 | 469.7 | 777.0 | 1063.1 | 1342.1 | 1514.3 | 1579.6 | 1637.4 | 1672.5 | 1707.7 | 1672.5 |
| 42.5° | 151.9 | 442.8 | 733.7 | 1017.4 | 1298.8 | 1477.6 | 1553.9 | 1619.9 | 1655.0 | 1690.1 | 1655.0 |
| 45° | 138.3 | 399.7 | 661.2 | 942.4 | 1230.1 | 1418.9 | 1508.7 | 1584.3 | 1617.4 | 1650.6 | 1617.4 |
| 47.5° | 125.6 | 352.7 | 579.8 | 862.2 | 1163.0 | 1361.1 | 1456.3 | 1533.7 | 1557.9 | 1582.1 | 1557.9 |
| 50° | 118.5 | 321.4 | 524.3 | 807.7 | 1118.0 | 1319.9 | 1413.5 | 1488.7 | 1508.2 | 1527.7 | 1508.2 |
| 52.5° | 111.5 | 291.0 | 470.5 | 754.5 | 1073.3 | 1276.8 | 1365.0 | 1435.6 | 1453.5 | 1471.5 | 1453.5 |
| 55° | 103.2 | 249.5 | 395.8 | 676.8 | 1002.6 | 1204.0 | 1281.1 | 1342.8 | 1358.4 | 1374.0 | 1358.4 |
| 57.5° | 95.7 | 213.7 | 331.8 | 603.9 | 927.4 | 1122.0 | 1187.8 | 1240.2 | 1252.9 | 1265.6 | 1252.9 |
| 60° | 92.2 | 194.6 | 297.0 | 558.2 | 872.4 | 1059.2 | 1118.7 | 1166.5 | 1179.2 | 1191.8 | 1179.2 |
| 62.5° | 86.9 | 176.1 | 265.2 | 512.6 | 812.7 | 990.1 | 1044.9 | 1089.0 | 1100.9 | 1112.8 | 1100.9 |
| 65° | 81.2 | 153.4 | 225.6 | 448.5 | 721.6 | 881.1 | 927.0 | 963.3 | 971.1 | 978.9 | 971.1 |
| 67.5° | 73.3 | 134.6 | 195.8 | 389.8 | 628.0 | 761.4 | 789.9 | 807.6 | 793.0 | 778.3 | 793.0 |
| 70° | 68.0 | 124.6 | 181.2 | 354.1 | 565.8 | 676.5 | 686.3 | 683.1 | 641.2 | 599.2 | 641.2 |
| 72.5° | 64.5 | 114.9 | 165.2 | 314.9 | 497.7 | 578.4 | 556.9 | 521.0 | 441.6 | 362.2 | 441.6 |
| 75° | 57.1 | 98.0 | 139.0 | 251.7 | 388.3 | 409.7 | 316.1 | 246.3 | 248.3 | 250.2 | 248.3 |
| 77.5° | 46.5 | 77.2 | 107.8 | 177.1 | 259.2 | 275.5 | 225.9 | 189.2 | 191.0 | 192.7 | 191.0 |
| 80° | 39.5 | 63.9 | 88.3 | 115.6 | 143.9 | 157.1 | 155.1 | 153.9 | 154.9 | 155.8 | 154.9 |
| 82.5° | 32.5 | 50.6 | 68.8 | 85.2 | 101.0 | 109.8 | 111.8 | 112.9 | 111.6 | 110.2 | 111.6 |
| 85° | 19.8 | 30.5 | 41.2 | 47.6 | 52.4 | 51.0 | 43.2 | 36.8 | 34.9 | 32.9 | 34.9 |
| 87.5° | 7.7 | 12.5 | 17.5 | 17.1 | 14.6 | 13.3 | 13.3 | 13.5 | 13.8 | 13.8 | 13.8 |
| 90° | 3.4 | 7.9 | 13.6 | 18.1 | 21.5 | 22.6 | 22.6 | 23.7 | 24.9 | 24.9 | 24.9 |
| 92.5° | 12.4 | 19.7 | 19.9 | 19.9 | 24.2 | 26.2 | 28.0 | 28.3 | 29.4 | 29.4 | 29.4 |
| 95° | 35.0 | 38.4 | 57.7 | 56.5 | 38.4 | 30.5 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 |
| 97.5° | 66.9 | 71.9 | 75.1 | 100.6 | 106.3 | 102.6 | 83.7 | 70.3 | 62.9 | 59.5 | 62.9 |
| 100° | 95.0 | 97.2 | 104.0 | 105.1 | 133.4 | 160.5 | 147.0 | 130.0 | 124.4 | 121.0 | 124.4 |
| 102.5° | 123.0 | 124.4 | 134.8 | 139.5 | 146.1 | 161.4 | 208.5 | 203.3 | 199.4 | 198.7 | 199.4 |
| 105° | 165.1 | 166.2 | 185.4 | 194.4 | 199.0 | 199.0 | 197.8 | 220.4 | 256.6 | 264.5 | 256.6 |
| 107.5° | 210.0 | 215.2 | 237.9 | 262.0 | 267.2 | 268.6 | 262.7 | 259.3 | 258.0 | 258.9 | 258.0 |
| 110° | 240.8 | 248.7 | 275.8 | 306.4 | 314.3 | 316.5 | 314.3 | 310.9 | 308.6 | 308.6 | 308.6 |



TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 270.6 | 282.2 | 312.9 | 348.0 | 361.3 | 368.1 | 363.1 | 360.6 | 358.4 | 360.2 | 358.4 |
| 115° | 316.5 | 333.5 | 374.2 | 410.4 | 437.5 | 440.9 | 439.8 | 439.8 | 438.6 | 438.6 | 438.6 |
| 117.5° | 359.0 | 386.2 | 431.8 | 473.9 | 505.3 | 514.4 | 518.9 | 517.5 | 516.2 | 518.4 | 516.2 |
| 120° | 388.9 | 420.5 | 472.5 | 520.0 | 550.6 | 564.1 | 568.6 | 566.4 | 568.6 | 566.4 | 568.6 |
| 122.5° | 420.5 | 459.4 | 510.5 | 559.8 | 595.8 | 611.1 | 616.6 | 617.0 | 617.5 | 616.1 | 617.5 |
| 125° | 468.0 | 515.5 | 575.4 | 626.3 | 663.6 | 681.7 | 686.2 | 687.3 | 689.6 | 695.3 | 689.6 |
| 127.5° | 516.0 | 569.8 | 635.6 | 684.6 | 722.8 | 744.8 | 751.8 | 754.3 | 759.0 | 761.5 | 759.0 |
| 130° | 549.4 | 610.5 | 677.2 | 723.5 | 760.8 | 784.6 | 797.0 | 800.4 | 806.0 | 804.9 | 806.0 |
| 132.5° | 584.7 | 648.5 | 716.1 | 764.2 | 798.8 | 824.4 | 835.0 | 844.7 | 846.7 | 848.3 | 846.7 |
| 135° | 636.5 | 705.4 | 773.3 | 820.7 | 853.5 | 878.4 | 892.0 | 901.0 | 906.7 | 910.0 | 906.7 |
| 137.5° | 691.0 | 763.8 | 828.9 | 871.2 | 904.2 | 925.7 | 941.0 | 950.5 | 956.4 | 959.1 | 956.4 |
| 140° | 728.0 | 798.1 | 861.4 | 905.5 | 934.9 | 956.4 | 970.0 | 981.3 | 988.1 | 988.1 | 988.1 |
| 142.5° | 763.3 | 832.5 | 894.0 | 938.1 | 963.9 | 983.5 | 998.0 | 1006.6 | 1014.3 | 1014.3 | 1014.3 |
| 145° | 812.8 | 881.8 | 938.3 | 982.4 | 1003.9 | 1022.0 | 1037.8 | 1044.6 | 1049.1 | 1049.1 | 1049.1 |
| 147.5° | 864.6 | 925.7 | 977.2 | 1019.5 | 1037.6 | 1058.8 | 1071.3 | 1076.7 | 1082.3 | 1079.9 | 1082.3 |
| 150° | 895.4 | 951.9 | 1001.6 | 1041.2 | 1059.3 | 1079.6 | 1092.1 | 1096.6 | 1102.2 | 1098.8 | 1102.2 |
| 152.5° | 925.2 | 979.0 | 1024.2 | 1061.1 | 1076.5 | 1096.8 | 1111.1 | 1115.6 | 1119.4 | 1116.9 | 1119.4 |
| 155° | 965.4 | 1012.9 | 1054.8 | 1088.7 | 1102.2 | 1121.5 | 1135.0 | 1140.7 | 1145.2 | 1139.5 | 1145.2 |
| 157.5° | 1001.4 | 1042.3 | 1078.7 | 1109.9 | 1124.4 | 1140.9 | 1153.6 | 1160.6 | 1165.1 | 1162.6 | 1165.1 |
| 160° | 1023.1 | 1060.4 | 1093.2 | 1122.6 | 1136.1 | 1150.8 | 1164.4 | 1172.3 | 1176.8 | 1173.5 | 1176.8 |
| 162.5° | 1041.2 | 1074.9 | 1105.9 | 1132.5 | 1144.3 | 1157.2 | 1173.5 | 1180.5 | 1185.0 | 1180.7 | 1185.0 |
| 165° | 1067.2 | 1094.3 | 1121.5 | 1144.1 | 1154.2 | 1164.4 | 1181.4 | 1189.3 | 1192.7 | 1188.2 | 1192.7 |
| 167.5° | 1086.9 | 1107.7 | 1129.6 | 1149.0 | 1156.5 | 1166.4 | 1183.4 | 1190.0 | 1194.3 | 1188.6 | 1194.3 |
| 170° | 1097.7 | 1115.8 | 1135.0 | 1150.8 | 1156.5 | 1165.5 | 1182.5 | 1188.2 | 1191.5 | 1185.9 | 1191.5 |
| 172.5° | 1106.8 | 1120.3 | 1135.9 | 1149.9 | 1152.9 | 1160.1 | 1176.2 | 1181.8 | 1184.3 | 1179.6 | 1184.3 |
| 175° | 1115.8 | 1123.7 | 1135.0 | 1144.1 | 1142.9 | 1147.5 | 1161.0 | 1165.5 | 1170.1 | 1163.3 | 1170.1 |
| 177.5° | 1120.1 | 1123.7 | 1127.3 | 1132.8 | 1129.1 | 1129.1 | 1139.1 | 1141.8 | 1142.7 | 1139.1 | 1142.7 |
| 180° | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 |



TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 0° | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 |
| 2.5° | 519.2 | 509.8 | 498.9 | 488.7 | 479.4 | 470.2 | 461.6 | 453.0 | 461.6 | 470.2 | 479.4 |
| 5° | 754.8 | 703.8 | 644.3 | 591.2 | 544.3 | 501.9 | 472.6 | 443.4 | 472.6 | 501.9 | 544.3 |
| 7.5° | 1265.6 | 1133.2 | 973.6 | 819.6 | 671.4 | 545.3 | 485.8 | 426.3 | 485.8 | 545.3 | 671.4 |
| 10° | 1495.0 | 1384.3 | 1245.7 | 1047.7 | 790.2 | 576.3 | 493.4 | 410.5 | 493.4 | 576.3 | 790.2 |
| 12.5° | 1579.5 | 1499.6 | 1402.4 | 1196.6 | 882.1 | 618.0 | 505.5 | 392.9 | 505.5 | 618.0 | 882.1 |
| 15° | 1686.9 | 1619.9 | 1540.8 | 1329.2 | 984.8 | 686.3 | 525.3 | 364.4 | 525.3 | 686.3 | 984.8 |
| 17.5° | 1750.1 | 1687.2 | 1608.9 | 1402.5 | 1067.9 | 763.4 | 549.2 | 334.9 | 549.2 | 763.4 | 1067.9 |
| 20° | 1760.8 | 1707.7 | 1640.3 | 1445.2 | 1122.3 | 817.2 | 565.6 | 313.9 | 565.6 | 817.2 | 1122.3 |
| 22.5° | 1750.5 | 1709.4 | 1658.5 | 1476.3 | 1162.7 | 857.2 | 575.9 | 294.6 | 575.9 | 857.2 | 1162.7 |
| 25° | 1731.6 | 1705.5 | 1673.3 | 1506.9 | 1206.5 | 901.9 | 584.8 | 267.8 | 584.8 | 901.9 | 1206.5 |
| 27.5° | 1696.0 | 1678.2 | 1657.2 | 1502.0 | 1212.6 | 911.9 | 576.9 | 241.9 | 576.9 | 911.9 | 1212.6 |
| 30° | 1668.6 | 1654.2 | 1638.6 | 1488.9 | 1205.0 | 907.0 | 566.5 | 226.1 | 566.5 | 907.0 | 1205.0 |
| 32.5° | 1647.2 | 1630.3 | 1615.4 | 1468.8 | 1190.4 | 896.1 | 554.1 | 212.0 | 554.1 | 896.1 | 1190.4 |
| 35° | 1632.8 | 1604.5 | 1581.1 | 1431.3 | 1155.3 | 864.1 | 527.5 | 191.0 | 527.5 | 864.1 | 1155.3 |
| 37.5° | 1639.0 | 1591.9 | 1542.9 | 1379.7 | 1102.3 | 814.1 | 493.5 | 173.0 | 493.5 | 814.1 | 1102.3 |
| 40° | 1637.4 | 1579.6 | 1514.3 | 1342.1 | 1063.1 | 777.0 | 469.7 | 162.4 | 469.7 | 777.0 | 1063.1 |
| 42.5° | 1619.9 | 1553.9 | 1477.6 | 1298.8 | 1017.4 | 733.7 | 442.8 | 151.9 | 442.8 | 733.7 | 1017.4 |
| 45° | 1584.3 | 1508.7 | 1418.9 | 1230.1 | 942.4 | 661.2 | 399.7 | 138.3 | 399.7 | 661.2 | 942.4 |
| 47.5° | 1533.7 | 1456.3 | 1361.1 | 1163.0 | 862.2 | 579.8 | 352.7 | 125.6 | 352.7 | 579.8 | 862.2 |
| 50° | 1488.7 | 1413.5 | 1319.9 | 1118.0 | 807.7 | 524.3 | 321.4 | 118.5 | 321.4 | 524.3 | 807.7 |
| 52.5° | 1435.6 | 1365.0 | 1276.8 | 1073.3 | 754.5 | 470.5 | 291.0 | 111.5 | 291.0 | 470.5 | 754.5 |
| 55° | 1342.8 | 1281.1 | 1204.0 | 1002.6 | 676.8 | 395.8 | 249.5 | 103.2 | 249.5 | 395.8 | 676.8 |
| 57.5° | 1240.2 | 1187.8 | 1122.0 | 927.4 | 603.9 | 331.8 | 213.7 | 95.7 | 213.7 | 331.8 | 603.9 |
| 60° | 1166.5 | 1118.7 | 1059.2 | 872.4 | 558.2 | 297.0 | 194.6 | 92.2 | 194.6 | 297.0 | 558.2 |
| 62.5° | 1089.0 | 1044.9 | 990.1 | 812.7 | 512.6 | 265.2 | 176.1 | 86.9 | 176.1 | 265.2 | 512.6 |
| 65° | 963.3 | 927.0 | 881.1 | 721.6 | 448.5 | 225.6 | 153.4 | 81.2 | 153.4 | 225.6 | 448.5 |
| 67.5° | 807.6 | 789.9 | 761.4 | 628.0 | 389.8 | 195.8 | 134.6 | 73.3 | 134.6 | 195.8 | 389.8 |
| 70° | 683.1 | 686.3 | 676.5 | 565.8 | 354.1 | 181.2 | 124.6 | 68.0 | 124.6 | 181.2 | 354.1 |
| 72.5° | 521.0 | 556.9 | 578.4 | 497.7 | 314.9 | 165.2 | 114.9 | 64.5 | 114.9 | 165.2 | 314.9 |
| 75° | 246.3 | 316.1 | 409.7 | 388.3 | 251.7 | 139.0 | 98.0 | 57.1 | 98.0 | 139.0 | 251.7 |
| 77.5° | 189.2 | 225.9 | 275.5 | 259.2 | 177.1 | 107.8 | 77.2 | 46.5 | 77.2 | 107.8 | 177.1 |
| 80° | 153.9 | 155.1 | 157.1 | 143.9 | 115.6 | 88.3 | 63.9 | 39.5 | 63.9 | 88.3 | 115.6 |
| 82.5° | 112.9 | 111.8 | 109.8 | 101.0 | 85.2 | 68.8 | 50.6 | 32.5 | 50.6 | 68.8 | 85.2 |
| 85° | 36.8 | 43.2 | 51.0 | 52.4 | 47.6 | 41.2 | 30.5 | 19.8 | 30.5 | 41.2 | 47.6 |
| 87.5° | 13.5 | 13.3 | 13.3 | 14.6 | 17.1 | 17.5 | 12.5 | 7.7 | 12.5 | 17.3 | 17.5 |
| 90° | 23.7 | 22.6 | 22.6 | 21.5 | 18.1 | 13.6 | 7.9 | 3.4 | 7.9 | 12.4 | 20.3 |
| 92.5° | 28.3 | 28.0 | 26.2 | 24.2 | 19.9 | 19.9 | 19.7 | 12.4 | 21.5 | 30.5 | 43.9 |
| 95° | 26.0 | 26.0 | 30.5 | 38.4 | 56.5 | 57.7 | 38.4 | 35.0 | 49.7 | 70.1 | 88.2 |
| 97.5° | 70.3 | 83.7 | 102.6 | 106.3 | 100.6 | 75.1 | 71.9 | 66.9 | 91.1 | 111.2 | 140.4 |
| 100° | 130.0 | 147.0 | 160.5 | 133.4 | 105.1 | 104.0 | 97.2 | 95.0 | 121.0 | 140.2 | 168.4 |
| 102.5° | 203.3 | 208.5 | 161.4 | 146.1 | 139.5 | 134.8 | 124.4 | 123.0 | 149.0 | 175.5 | 199.2 |
| 105° | 220.4 | 197.8 | 199.0 | 199.0 | 194.4 | 185.4 | 166.2 | 165.1 | 194.4 | 225.0 | 254.4 |
| 107.5° | 259.3 | 262.7 | 268.6 | 267.2 | 262.0 | 237.9 | 215.2 | 210.0 | 236.5 | 273.1 | 305.5 |
| 110° | 310.9 | 314.3 | 316.5 | 314.3 | 306.4 | 275.8 | 248.7 | 240.8 | 264.5 | 303.0 | 338.0 |



TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 360.6 | 363.1 | 368.1 | 361.3 | 348.0 | 312.9 | 282.2 | 270.6 | 294.4 | 333.7 | 369.7 |
| 115° | 439.8 | 439.8 | 440.9 | 437.5 | 410.4 | 374.2 | 333.5 | 316.5 | 336.9 | 373.1 | 412.6 |
| 117.5° | 517.5 | 518.9 | 514.4 | 505.3 | 473.9 | 431.8 | 386.2 | 359.0 | 375.1 | 413.3 | 454.0 |
| 120° | 566.4 | 568.6 | 564.1 | 550.6 | 520.0 | 472.5 | 420.5 | 388.9 | 401.3 | 438.6 | 479.3 |
| 122.5° | 617.0 | 616.6 | 611.1 | 595.8 | 559.8 | 510.5 | 459.4 | 420.5 | 425.7 | 460.3 | 500.1 |
| 125° | 687.3 | 686.2 | 681.7 | 663.6 | 626.3 | 575.4 | 515.5 | 468.0 | 461.2 | 490.6 | 531.3 |
| 127.5° | 754.3 | 751.8 | 744.8 | 722.8 | 684.6 | 635.6 | 569.8 | 516.0 | 500.8 | 519.4 | 556.7 |
| 130° | 800.4 | 797.0 | 784.6 | 760.8 | 723.5 | 677.2 | 610.5 | 549.4 | 527.9 | 539.2 | 572.0 |
| 132.5° | 844.7 | 835.0 | 824.4 | 798.8 | 764.2 | 716.1 | 648.5 | 584.7 | 555.1 | 560.0 | 585.6 |
| 135° | 901.0 | 892.0 | 878.4 | 853.5 | 820.7 | 773.3 | 705.4 | 636.5 | 595.8 | 591.2 | 605.9 |
| 137.5° | 950.5 | 941.0 | 925.7 | 904.2 | 871.2 | 828.9 | 763.8 | 691.0 | 639.6 | 624.5 | 630.1 |
| 140° | 981.3 | 970.0 | 956.4 | 934.9 | 905.5 | 861.4 | 798.1 | 728.0 | 670.4 | 648.9 | 645.5 |
| 142.5° | 1006.6 | 998.0 | 983.5 | 963.9 | 938.1 | 894.0 | 832.5 | 763.3 | 702.0 | 674.2 | 666.3 |
| 145° | 1044.6 | 1037.8 | 1022.0 | 1003.9 | 982.4 | 938.3 | 881.8 | 812.8 | 751.8 | 715.6 | 698.6 |
| 147.5° | 1076.7 | 1071.3 | 1058.8 | 1037.6 | 1019.5 | 977.2 | 925.7 | 864.6 | 802.0 | 757.2 | 735.3 |
| 150° | 1096.6 | 1092.1 | 1079.6 | 1059.3 | 1041.2 | 1001.6 | 951.9 | 895.4 | 835.4 | 788.0 | 759.7 |
| 152.5° | 1115.6 | 1111.1 | 1096.8 | 1076.5 | 1061.1 | 1024.2 | 979.0 | 925.2 | 864.4 | 816.9 | 787.7 |
| 155° | 1140.7 | 1135.0 | 1121.5 | 1102.2 | 1088.7 | 1054.8 | 1012.9 | 965.4 | 913.4 | 863.7 | 830.9 |
| 157.5° | 1160.6 | 1153.6 | 1140.9 | 1124.4 | 1109.9 | 1078.7 | 1042.3 | 1001.4 | 955.9 | 908.5 | 875.0 |
| 160° | 1172.3 | 1164.4 | 1150.8 | 1136.1 | 1122.6 | 1093.2 | 1060.4 | 1023.1 | 981.3 | 938.3 | 902.1 |
| 162.5° | 1180.5 | 1173.5 | 1157.2 | 1144.3 | 1132.5 | 1105.9 | 1074.9 | 1041.2 | 1003.9 | 966.3 | 932.9 |
| 165° | 1189.3 | 1181.4 | 1164.4 | 1154.2 | 1144.1 | 1121.5 | 1094.3 | 1067.2 | 1035.5 | 1005.0 | 977.9 |
| 167.5° | 1190.0 | 1183.4 | 1166.4 | 1156.5 | 1149.0 | 1129.6 | 1107.7 | 1086.9 | 1062.2 | 1038.2 | 1015.6 |
| 170° | 1188.2 | 1182.5 | 1165.5 | 1156.5 | 1150.8 | 1135.0 | 1115.8 | 1097.7 | 1078.5 | 1058.1 | 1040.1 |
| 172.5° | 1181.8 | 1176.2 | 1160.1 | 1152.9 | 1149.9 | 1135.9 | 1120.3 | 1106.8 | 1090.3 | 1075.3 | 1060.9 |
| 175° | 1165.5 | 1161.0 | 1147.5 | 1142.9 | 1144.1 | 1135.0 | 1123.7 | 1115.8 | 1105.6 | 1096.6 | 1088.7 |
| 177.5° | 1141.8 | 1139.1 | 1129.1 | 1129.1 | 1132.8 | 1127.3 | 1123.7 | 1120.1 | 1115.6 | 1112.9 | 1110.1 |
| 180° | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 |



TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 | 456.5 |
| 2.5° | 488.7 | 498.9 | 509.8 | 519.2 | 523.9 | 528.5 | 523.9 | 519.2 | 509.8 | 498.9 | 488.7 |
| 5° | 591.2 | 644.3 | 703.8 | 754.8 | 780.2 | 805.5 | 780.2 | 754.8 | 703.8 | 644.3 | 591.2 |
| 7.5° | 819.6 | 973.6 | 1133.2 | 1265.6 | 1316.3 | 1367.0 | 1316.3 | 1265.6 | 1133.2 | 973.6 | 819.6 |
| 10° | 1047.7 | 1245.7 | 1384.3 | 1495.0 | 1522.3 | 1549.6 | 1522.3 | 1495.0 | 1384.3 | 1245.7 | 1047.7 |
| 12.5° | 1196.6 | 1402.4 | 1499.6 | 1579.5 | 1607.6 | 1635.7 | 1607.6 | 1579.5 | 1499.6 | 1402.4 | 1196.6 |
| 15° | 1329.2 | 1540.8 | 1619.9 | 1686.9 | 1718.1 | 1749.4 | 1718.1 | 1686.9 | 1619.9 | 1540.8 | 1329.2 |
| 17.5° | 1402.5 | 1608.9 | 1687.2 | 1750.1 | 1767.1 | 1784.0 | 1767.1 | 1750.1 | 1687.2 | 1608.9 | 1402.5 |
| 20° | 1445.2 | 1640.3 | 1707.7 | 1760.8 | 1771.6 | 1782.3 | 1771.6 | 1760.8 | 1707.7 | 1640.3 | 1445.2 |
| 22.5° | 1476.3 | 1658.5 | 1709.4 | 1750.5 | 1762.0 | 1773.5 | 1762.0 | 1750.5 | 1709.4 | 1658.5 | 1476.3 |
| 25° | 1506.9 | 1673.3 | 1705.5 | 1731.6 | 1739.4 | 1747.2 | 1739.4 | 1731.6 | 1705.5 | 1673.3 | 1506.9 |
| 27.5° | 1502.0 | 1657.2 | 1678.2 | 1696.0 | 1703.6 | 1711.2 | 1703.6 | 1696.0 | 1678.2 | 1657.2 | 1502.0 |
| 30° | 1488.9 | 1638.6 | 1654.2 | 1668.6 | 1679.4 | 1690.1 | 1679.4 | 1668.6 | 1654.2 | 1638.6 | 1488.9 |
| 32.5° | 1468.8 | 1615.4 | 1630.3 | 1647.2 | 1670.4 | 1693.6 | 1670.4 | 1647.2 | 1630.3 | 1615.4 | 1468.8 |
| 35° | 1431.3 | 1581.1 | 1604.5 | 1632.8 | 1675.7 | 1718.6 | 1675.7 | 1632.8 | 1604.5 | 1581.1 | 1431.3 |
| 37.5° | 1379.7 | 1542.9 | 1591.9 | 1639.0 | 1680.3 | 1721.7 | 1680.3 | 1639.0 | 1591.9 | 1542.9 | 1379.7 |
| 40° | 1342.1 | 1514.3 | 1579.6 | 1637.4 | 1672.5 | 1707.7 | 1672.5 | 1637.4 | 1579.6 | 1514.3 | 1342.1 |
| 42.5° | 1298.8 | 1477.6 | 1553.9 | 1619.9 | 1655.0 | 1690.1 | 1655.0 | 1619.9 | 1553.9 | 1477.6 | 1298.8 |
| 45° | 1230.1 | 1418.9 | 1508.7 | 1584.3 | 1617.4 | 1650.6 | 1617.4 | 1584.3 | 1508.7 | 1418.9 | 1230.1 |
| 47.5° | 1163.0 | 1361.1 | 1456.3 | 1533.7 | 1557.9 | 1582.1 | 1557.9 | 1533.7 | 1456.3 | 1361.1 | 1163.0 |
| 50° | 1118.0 | 1319.9 | 1413.5 | 1488.7 | 1508.2 | 1527.7 | 1508.2 | 1488.7 | 1413.5 | 1319.9 | 1118.0 |
| 52.5° | 1073.3 | 1276.8 | 1365.0 | 1435.6 | 1453.5 | 1471.5 | 1453.5 | 1435.6 | 1365.0 | 1276.8 | 1073.3 |
| 55° | 1002.6 | 1204.0 | 1281.1 | 1342.8 | 1358.4 | 1374.0 | 1358.4 | 1342.8 | 1281.1 | 1204.0 | 1002.6 |
| 57.5° | 927.4 | 1122.0 | 1187.8 | 1240.2 | 1252.9 | 1265.6 | 1252.9 | 1240.2 | 1187.8 | 1122.0 | 927.4 |
| 60° | 872.4 | 1059.2 | 1118.7 | 1166.5 | 1179.2 | 1191.8 | 1179.2 | 1166.5 | 1118.7 | 1059.2 | 872.4 |
| 62.5° | 812.7 | 990.1 | 1044.9 | 1089.0 | 1100.9 | 1112.8 | 1100.9 | 1089.0 | 1044.9 | 990.1 | 812.7 |
| 65° | 721.6 | 881.1 | 927.0 | 963.3 | 971.1 | 978.9 | 971.1 | 963.3 | 927.0 | 881.1 | 721.6 |
| 67.5° | 628.0 | 761.4 | 789.9 | 807.6 | 793.0 | 778.3 | 793.0 | 807.6 | 789.9 | 761.4 | 628.0 |
| 70° | 565.8 | 676.5 | 686.3 | 683.1 | 641.2 | 599.2 | 641.2 | 683.1 | 686.3 | 676.5 | 565.8 |
| 72.5° | 497.7 | 578.4 | 556.9 | 521.0 | 441.6 | 362.2 | 441.6 | 521.0 | 556.9 | 578.4 | 497.7 |
| 75° | 388.3 | 409.7 | 316.1 | 246.3 | 248.3 | 250.2 | 248.3 | 246.3 | 316.1 | 409.7 | 388.3 |
| 77.5° | 259.2 | 275.5 | 225.9 | 189.2 | 191.0 | 192.7 | 191.0 | 189.2 | 225.9 | 275.5 | 259.2 |
| 80° | 143.9 | 157.1 | 155.1 | 153.9 | 154.9 | 155.8 | 154.9 | 153.9 | 155.1 | 157.1 | 143.9 |
| 82.5° | 101.0 | 109.8 | 111.8 | 112.9 | 111.6 | 110.2 | 111.6 | 112.9 | 111.8 | 109.8 | 101.0 |
| 85° | 52.4 | 51.0 | 43.2 | 36.8 | 34.9 | 32.9 | 34.9 | 36.8 | 43.2 | 51.0 | 52.4 |
| 87.5° | 15.5 | 15.6 | 17.1 | 18.0 | 19.0 | 18.5 | 19.0 | 18.0 | 17.1 | 15.6 | 15.5 |
| 90° | 26.0 | 33.9 | 41.8 | 46.4 | 50.9 | 48.6 | 50.9 | 46.4 | 41.8 | 33.9 | 26.0 |
| 92.5° | 52.2 | 65.6 | 75.3 | 83.4 | 87.0 | 86.6 | 87.0 | 83.4 | 75.3 | 65.6 | 52.2 |
| 95° | 105.1 | 121.0 | 136.8 | 148.1 | 154.9 | 152.6 | 154.9 | 148.1 | 136.8 | 121.0 | 105.1 |
| 97.5° | 162.1 | 183.4 | 201.0 | 211.6 | 218.4 | 222.9 | 218.4 | 211.6 | 201.0 | 183.4 | 162.1 |
| 100° | 200.1 | 220.4 | 240.8 | 253.2 | 264.5 | 269.1 | 264.5 | 253.2 | 240.8 | 220.4 | 200.1 |
| 102.5° | 230.8 | 257.5 | 279.7 | 293.0 | 302.5 | 307.0 | 302.5 | 293.0 | 279.7 | 257.5 | 230.8 |
| 105° | 281.5 | 309.8 | 333.5 | 350.5 | 360.6 | 364.0 | 360.6 | 350.5 | 333.5 | 309.8 | 281.5 |
| 107.5° | 332.1 | 361.3 | 383.2 | 402.0 | 414.4 | 421.7 | 414.4 | 402.0 | 383.2 | 361.3 | 332.1 |
| 110° | 371.9 | 395.7 | 419.4 | 436.4 | 448.8 | 453.3 | 448.8 | 436.4 | 419.4 | 395.7 | 371.9 |



TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 405.4 | 431.8 | 455.6 | 472.5 | 486.8 | 493.1 | 486.8 | 472.5 | 455.6 | 431.8 | 405.4 |
| 115° | 452.2 | 487.2 | 508.7 | 524.6 | 534.7 | 540.4 | 534.7 | 524.6 | 508.7 | 487.2 | 452.2 |
| 117.5° | 491.1 | 527.7 | 551.2 | 563.4 | 568.2 | 572.3 | 568.2 | 563.4 | 551.2 | 527.7 | 491.1 |
| 120° | 515.5 | 549.4 | 576.6 | 592.4 | 598.0 | 600.3 | 598.0 | 592.4 | 576.6 | 549.4 | 515.5 |
| 122.5° | 538.1 | 570.2 | 596.5 | 615.9 | 625.2 | 627.4 | 625.2 | 615.9 | 596.5 | 570.2 | 538.1 |
| 125° | 569.8 | 600.3 | 627.4 | 646.6 | 656.8 | 662.5 | 656.8 | 646.6 | 627.4 | 600.3 | 569.8 |
| 127.5° | 597.4 | 630.4 | 655.2 | 672.6 | 682.6 | 687.1 | 682.6 | 672.6 | 655.2 | 630.4 | 597.4 |
| 130° | 612.7 | 646.6 | 671.5 | 690.7 | 699.8 | 704.3 | 699.8 | 690.7 | 671.5 | 646.6 | 612.7 |
| 132.5° | 624.5 | 660.2 | 686.0 | 703.4 | 713.3 | 717.9 | 713.3 | 703.4 | 686.0 | 660.2 | 624.5 |
| 135° | 638.7 | 676.0 | 703.2 | 720.1 | 729.2 | 733.7 | 729.2 | 720.1 | 703.2 | 676.0 | 638.7 |
| 137.5° | 651.2 | 685.1 | 713.3 | 731.2 | 739.3 | 742.3 | 739.3 | 731.2 | 713.3 | 685.1 | 651.2 |
| 140° | 660.2 | 689.6 | 717.9 | 734.8 | 743.9 | 745.0 | 743.9 | 734.8 | 717.9 | 689.6 | 660.2 |
| 142.5° | 672.0 | 695.0 | 719.7 | 736.6 | 745.7 | 747.7 | 745.7 | 736.6 | 719.7 | 695.0 | 672.0 |
| 145° | 693.0 | 706.6 | 723.5 | 739.3 | 747.3 | 749.5 | 747.3 | 739.3 | 723.5 | 706.6 | 693.0 |
| 147.5° | 719.4 | 723.7 | 732.6 | 743.0 | 750.6 | 752.2 | 750.6 | 743.0 | 732.6 | 723.7 | 719.4 |
| 150° | 739.3 | 738.2 | 741.6 | 748.4 | 755.2 | 754.0 | 755.2 | 748.4 | 741.6 | 738.2 | 739.3 |
| 152.5° | 762.0 | 755.4 | 755.2 | 758.3 | 761.5 | 761.3 | 761.5 | 758.3 | 755.2 | 755.4 | 762.0 |
| 155° | 800.4 | 788.0 | 781.2 | 778.9 | 778.9 | 777.8 | 778.9 | 778.9 | 781.2 | 788.0 | 800.4 |
| 157.5° | 842.7 | 825.3 | 815.1 | 809.7 | 808.1 | 805.6 | 808.1 | 809.7 | 815.1 | 825.3 | 842.7 |
| 160° | 871.6 | 852.4 | 842.2 | 833.2 | 829.8 | 826.4 | 829.8 | 833.2 | 842.2 | 852.4 | 871.6 |
| 162.5° | 898.7 | 880.4 | 869.4 | 861.2 | 857.8 | 852.6 | 857.8 | 861.2 | 869.4 | 880.4 | 898.7 |
| 165° | 942.8 | 923.6 | 911.2 | 904.4 | 899.9 | 895.4 | 899.9 | 904.4 | 911.2 | 923.6 | 942.8 |
| 167.5° | 986.9 | 965.9 | 957.8 | 950.1 | 945.8 | 937.6 | 945.8 | 950.1 | 957.8 | 965.9 | 986.9 |
| 170° | 1014.1 | 994.8 | 990.3 | 983.5 | 975.6 | 966.6 | 975.6 | 983.5 | 990.3 | 994.8 | 1014.1 |
| 172.5° | 1037.6 | 1024.7 | 1020.2 | 1013.4 | 1010.9 | 1003.7 | 1010.9 | 1013.4 | 1020.2 | 1024.7 | 1037.6 |
| 175° | 1071.7 | 1061.5 | 1061.5 | 1060.4 | 1057.0 | 1050.2 | 1057.0 | 1060.4 | 1061.5 | 1061.5 | 1071.7 |
| 177.5° | 1100.2 | 1094.8 | 1098.4 | 1098.4 | 1097.5 | 1091.2 | 1097.5 | 1098.4 | 1098.4 | 1094.8 | 1100.2 |
| 180° | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 |



TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|-------|-------|-------|
| 0° | 456.5 | 456.5 | 456.5 | 456.5 |
| 2.5° | 479.4 | 470.2 | 461.6 | 453.0 |
| 5° | 544.3 | 501.9 | 472.6 | 443.4 |
| 7.5° | 671.4 | 545.3 | 485.8 | 426.3 |
| 10° | 790.2 | 576.3 | 493.4 | 410.5 |
| 12.5° | 882.1 | 618.0 | 505.5 | 392.9 |
| 15° | 984.8 | 686.3 | 525.3 | 364.4 |
| 17.5° | 1067.9 | 763.4 | 549.2 | 334.9 |
| 20° | 1122.3 | 817.2 | 565.6 | 313.9 |
| 22.5° | 1162.7 | 857.2 | 575.9 | 294.6 |
| 25° | 1206.5 | 901.9 | 584.8 | 267.8 |
| 27.5° | 1212.6 | 911.9 | 576.9 | 241.9 |
| 30° | 1205.0 | 907.0 | 566.5 | 226.1 |
| 32.5° | 1190.4 | 896.1 | 554.1 | 212.0 |
| 35° | 1155.3 | 864.1 | 527.5 | 191.0 |
| 37.5° | 1102.3 | 814.1 | 493.5 | 173.0 |
| 40° | 1063.1 | 777.0 | 469.7 | 162.4 |
| 42.5° | 1017.4 | 733.7 | 442.8 | 151.9 |
| 45° | 942.4 | 661.2 | 399.7 | 138.3 |
| 47.5° | 862.2 | 579.8 | 352.7 | 125.6 |
| 50° | 807.7 | 524.3 | 321.4 | 118.5 |
| 52.5° | 754.5 | 470.5 | 291.0 | 111.5 |
| 55° | 676.8 | 395.8 | 249.5 | 103.2 |
| 57.5° | 603.9 | 331.8 | 213.7 | 95.7 |
| 60° | 558.2 | 297.0 | 194.6 | 92.2 |
| 62.5° | 512.6 | 265.2 | 176.1 | 86.9 |
| 65° | 448.5 | 225.6 | 153.4 | 81.2 |
| 67.5° | 389.8 | 195.8 | 134.6 | 73.3 |
| 70° | 354.1 | 181.2 | 124.6 | 68.0 |
| 72.5° | 314.9 | 165.2 | 114.9 | 64.5 |
| 75° | 251.7 | 139.0 | 98.0 | 57.1 |
| 77.5° | 177.1 | 107.8 | 77.2 | 46.5 |
| 80° | 115.6 | 88.3 | 63.9 | 39.5 |
| 82.5° | 85.2 | 68.8 | 50.6 | 32.5 |
| 85° | 47.6 | 41.2 | 30.5 | 19.8 |
| 87.5° | 17.5 | 17.3 | 12.5 | 7.7 |
| 90° | 20.3 | 12.4 | 7.9 | 3.4 |
| 92.5° | 43.9 | 30.5 | 21.5 | 12.4 |
| 95° | 88.2 | 70.1 | 49.7 | 35.0 |
| 97.5° | 140.4 | 111.2 | 91.1 | 66.9 |
| 100° | 168.4 | 140.2 | 121.0 | 95.0 |
| 102.5° | 199.2 | 175.5 | 149.0 | 123.0 |
| 105° | 254.4 | 225.0 | 194.4 | 165.1 |
| 107.5° | 305.5 | 273.1 | 236.5 | 210.0 |
| 110° | 338.0 | 303.0 | 264.5 | 240.8 |



TEST NUMBER: P1435968

CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 369.7 | 333.7 | 294.4 | 270.6 |
| 115° | 412.6 | 373.1 | 336.9 | 316.5 |
| 117.5° | 454.0 | 413.3 | 375.1 | 359.0 |
| 120° | 479.3 | 438.6 | 401.3 | 388.9 |
| 122.5° | 500.1 | 460.3 | 425.7 | 420.5 |
| 125° | 531.3 | 490.6 | 461.2 | 468.0 |
| 127.5° | 556.7 | 519.4 | 500.8 | 516.0 |
| 130° | 572.0 | 539.2 | 527.9 | 549.4 |
| 132.5° | 585.6 | 560.0 | 555.1 | 584.7 |
| 135° | 605.9 | 591.2 | 595.8 | 636.5 |
| 137.5° | 630.1 | 624.5 | 639.6 | 691.0 |
| 140° | 645.5 | 648.9 | 670.4 | 728.0 |
| 142.5° | 666.3 | 674.2 | 702.0 | 763.3 |
| 145° | 698.6 | 715.6 | 751.8 | 812.8 |
| 147.5° | 735.3 | 757.2 | 802.0 | 864.6 |
| 150° | 759.7 | 788.0 | 835.4 | 895.4 |
| 152.5° | 787.7 | 816.9 | 864.4 | 925.2 |
| 155° | 830.9 | 863.7 | 913.4 | 965.4 |
| 157.5° | 875.0 | 908.5 | 955.9 | 1001.4 |
| 160° | 902.1 | 938.3 | 981.3 | 1023.1 |
| 162.5° | 932.9 | 966.3 | 1003.9 | 1041.2 |
| 165° | 977.9 | 1005.0 | 1035.5 | 1067.2 |
| 167.5° | 1015.6 | 1038.2 | 1062.2 | 1086.9 |
| 170° | 1040.1 | 1058.1 | 1078.5 | 1097.7 |
| 172.5° | 1060.9 | 1075.3 | 1090.3 | 1106.8 |
| 175° | 1088.7 | 1096.6 | 1105.6 | 1115.8 |
| 177.5° | 1110.1 | 1112.9 | 1115.6 | 1120.1 |
| 180° | 1119.2 | 1119.2 | 1119.2 | 1119.2 |



TEST NUMBER: P1435968
 CATALOG NUMBER: SQ2W-FB-K-075U-100D-L835-UNV-STD-W-WM-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 | 13.82 | 14.79 | 14.69 | 15.69 | 16.84 | 23.41 | 24.38 | 24.29 | 25.29 | 26.44 |
| | 3H | 14.76 | 15.63 | 15.65 | 16.55 | 17.72 | 25.03 | 25.90 | 25.92 | 26.81 | 27.99 |
| | 4H | 15.17 | 15.99 | 16.07 | 16.91 | 18.09 | 25.21 | 26.03 | 26.12 | 26.95 | 28.14 |
| | 6H | 15.43 | 16.19 | 16.35 | 17.11 | 18.31 | 25.29 | 26.05 | 26.21 | 26.98 | 28.17 |
| | 8H | 15.52 | 16.25 | 16.45 | 17.19 | 18.39 | 25.31 | 26.04 | 26.24 | 26.98 | 28.18 |
| | 12H | 15.58 | 16.26 | 16.51 | 17.20 | 18.42 | 25.29 | 25.98 | 26.23 | 26.92 | 28.14 |
| 4H | 2H | 18.55 | 19.37 | 19.46 | 20.29 | 21.48 | 23.79 | 24.62 | 24.70 | 25.53 | 26.72 |
| | 3H | 19.69 | 20.38 | 20.61 | 21.33 | 22.53 | 25.69 | 26.38 | 26.61 | 27.33 | 28.53 |
| | 4H | 19.97 | 20.60 | 20.91 | 21.55 | 22.77 | 25.92 | 26.54 | 26.85 | 27.49 | 28.71 |
| | 6H | 20.12 | 20.66 | 21.07 | 21.63 | 22.85 | 26.05 | 26.60 | 27.00 | 27.56 | 28.79 |
| | 8H | 20.16 | 20.66 | 21.11 | 21.63 | 22.87 | 26.10 | 26.61 | 27.05 | 27.57 | 28.81 |
| | 12H | 20.17 | 20.62 | 21.14 | 21.60 | 22.85 | 26.09 | 26.54 | 27.06 | 27.53 | 28.77 |
| 8H | 4H | 21.18 | 21.68 | 22.13 | 22.64 | 23.88 | 26.02 | 26.52 | 26.97 | 27.48 | 28.72 |
| | 6H | 21.44 | 21.86 | 22.42 | 22.86 | 24.10 | 26.22 | 26.64 | 27.20 | 27.64 | 28.88 |
| | 8H | 21.54 | 21.91 | 22.53 | 22.90 | 24.16 | 26.31 | 26.68 | 27.30 | 27.67 | 28.93 |
| | 12H | 21.59 | 21.91 | 22.58 | 22.90 | 24.20 | 26.32 | 26.65 | 27.31 | 27.63 | 28.94 |
| 12H | 4H | 21.21 | 21.66 | 22.18 | 22.64 | 23.89 | 25.97 | 26.43 | 26.95 | 27.41 | 28.66 |
| | 6H | 21.55 | 21.92 | 22.54 | 22.91 | 24.17 | 26.20 | 26.57 | 27.19 | 27.57 | 28.82 |
| | 8H | 21.69 | 22.02 | 22.68 | 23.00 | 24.31 | 26.31 | 26.63 | 27.30 | 27.62 | 28.92 |