

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: P1436005

Luminaire Tested: SQ2W-FB-K-125U-050D-L840-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1436005
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-125U-050D-L840-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS BATWING ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 500 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

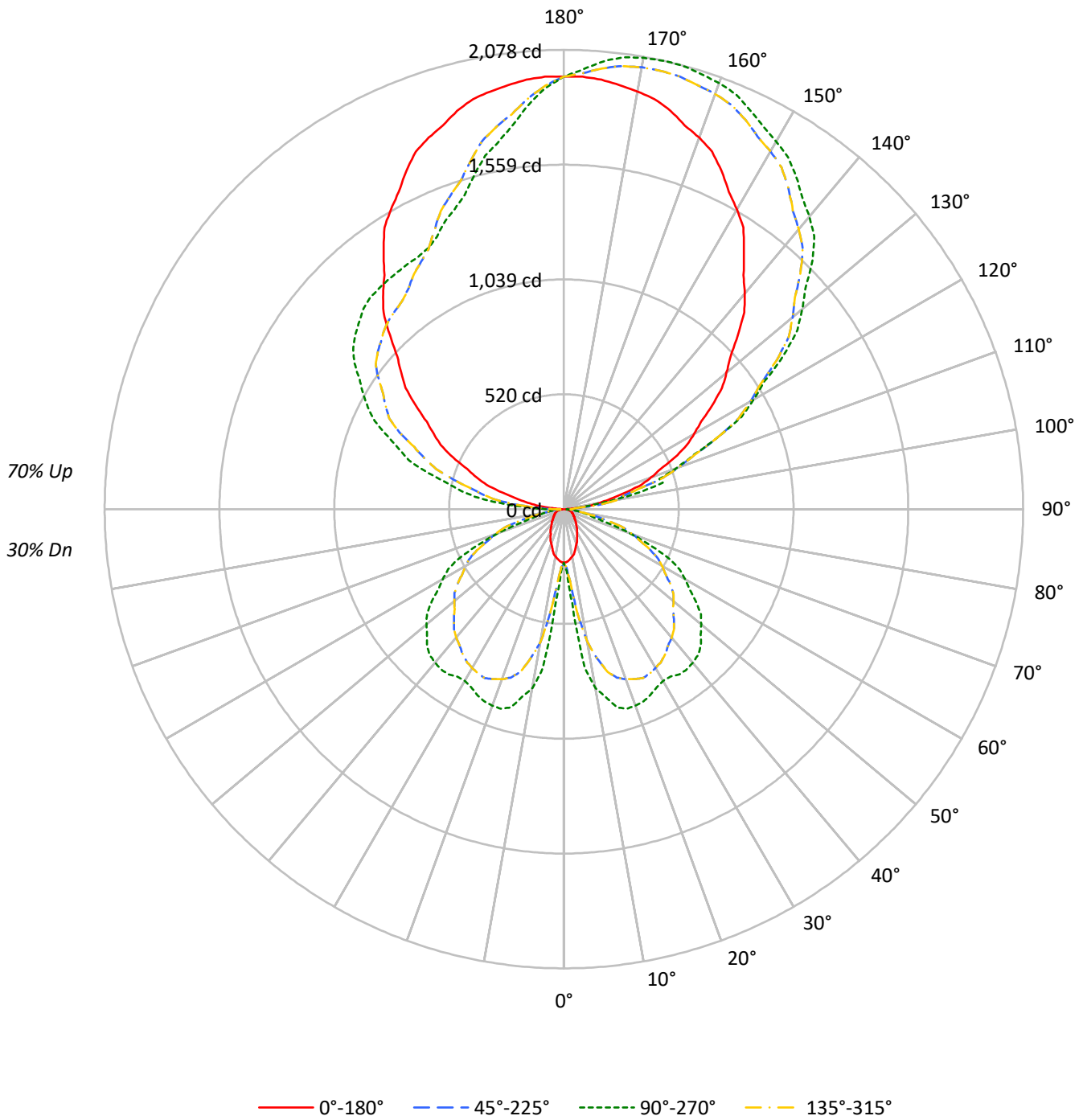
Lumens per Lamp: N/A
Luminaire Lumens: 8115.0 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 61.8
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: P1436005

CATALOG NUMBER: SQ2W-FB-K-125U-050D-L840-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1436005

CATALOG NUMBER: SQ2W-FB-K-125U-050D-L840-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 | 102 | 102 | 102 | 102 | 92 | 92 | 92 | 92 | 72 | 72 | 72 | 54 | 54 | 54 | 37 | 37 | 37 | 37 | 37 | 37 | 30 | |
| 1 | 93 | 89 | 85 | 82 | 83 | 80 | 77 | 74 | 63 | 61 | 59 | 47 | 46 | 45 | 33 | 32 | 31 | 31 | 31 | 31 | 25 | |
| 2 | 85 | 77 | 71 | 66 | 75 | 69 | 64 | 60 | 55 | 51 | 48 | 41 | 39 | 37 | 29 | 27 | 26 | 26 | 26 | 26 | 20 | |
| 3 | 77 | 68 | 60 | 55 | 69 | 61 | 55 | 50 | 48 | 44 | 40 | 36 | 33 | 31 | 25 | 23 | 22 | 22 | 22 | 22 | 17 | |
| 4 | 70 | 59 | 52 | 46 | 62 | 54 | 47 | 42 | 42 | 38 | 34 | 32 | 29 | 26 | 22 | 20 | 18 | 18 | 18 | 18 | 14 | |
| 5 | 64 | 53 | 45 | 39 | 57 | 47 | 41 | 35 | 38 | 33 | 29 | 28 | 25 | 22 | 20 | 18 | 16 | 16 | 16 | 16 | 12 | |
| 6 | 59 | 47 | 39 | 33 | 52 | 42 | 35 | 30 | 34 | 28 | 25 | 25 | 22 | 19 | 18 | 15 | 14 | 14 | 14 | 14 | 10 | |
| 7 | 54 | 42 | 34 | 29 | 48 | 38 | 31 | 26 | 30 | 25 | 21 | 23 | 19 | 17 | 16 | 14 | 12 | 12 | 12 | 12 | 9 | |
| 8 | 50 | 38 | 30 | 25 | 45 | 34 | 28 | 23 | 27 | 22 | 19 | 21 | 17 | 15 | 15 | 12 | 11 | 11 | 11 | 11 | 8 | |
| 9 | 46 | 34 | 27 | 22 | 41 | 31 | 25 | 20 | 25 | 20 | 17 | 19 | 15 | 13 | 13 | 11 | 9 | 9 | 9 | 9 | 7 | |
| 10 | 43 | 31 | 24 | 20 | 39 | 28 | 22 | 18 | 23 | 18 | 15 | 17 | 14 | 12 | 12 | 10 | 8 | 8 | 8 | 8 | 6 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|-------|------|-------|
| 0° | 3914 | 3914 | 3914 | 3914 |
| 5° | 3815 | 6932 | 3815 | 6932 |
| 10° | 3572 | 13489 | 3572 | 13489 |
| 15° | 3234 | 15525 | 3234 | 15525 |
| 20° | 2864 | 16259 | 2864 | 16259 |
| 25° | 2533 | 16527 | 2533 | 16527 |
| 30° | 2237 | 16730 | 2237 | 16730 |
| 35° | 1999 | 17985 | 1999 | 17985 |
| 40° | 1817 | 19110 | 1817 | 19110 |
| 45° | 1676 | 20011 | 1676 | 20011 |
| 50° | 1580 | 20373 | 1580 | 20373 |
| 55° | 1543 | 20535 | 1543 | 20535 |
| 60° | 1579 | 20434 | 1579 | 20434 |
| 65° | 1647 | 19858 | 1647 | 19858 |
| 70° | 1704 | 15021 | 1704 | 15021 |
| 75° | 1890 | 8291 | 1890 | 8291 |
| 80° | 1953 | 7689 | 1953 | 7689 |
| 85° | 1945 | 3242 | 1945 | 3242 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 20722 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 40.6 | 0.5 |
| 10°-20° | 185.3 | 2.3 |
| 20°-30° | 326.1 | 4.0 |
| 30°-40° | 422.1 | 5.2 |
| 40°-50° | 465.5 | 5.7 |
| 50°-60° | 434.5 | 5.4 |
| 60°-70° | 335.7 | 4.1 |
| 70°-80° | 154.7 | 1.9 |
| 80°-90° | 37.7 | 0.5 |
| 90°-100° | 155.7 | 1.9 |
| 100°-110° | 454.1 | 5.6 |
| 110°-120° | 741.1 | 9.1 |
| 120°-130° | 940.4 | 11.6 |
| 130°-140° | 1006.2 | 12.4 |
| 140°-150° | 939.6 | 11.6 |
| 150°-160° | 773.1 | 9.5 |
| 160°-170° | 518.5 | 6.4 |
| 170°-180° | 184.1 | 2.3 |
| 0°-30° | 552.0 | 6.8 |
| 0°-40° | 974.1 | 12.0 |
| 0°-60° | 1874.1 | 23.1 |
| 0°-90° | 2402.2 | 29.6 |
| 90°-120° | 1350.9 | 16.6 |
| 90°-150° | 4237.0 | 52.2 |
| 90°-180° | 5713.0 | 70.4 |
| 0°-180° | 8115.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 242 | 242 | 242 | 242 | 242 | |
| 5° | 235 | 428 | 235 | 428 | 235 | 22 |
| 15° | 194 | 929 | 194 | 929 | 194 | 54 |
| 25° | 142 | 928 | 142 | 928 | 142 | 65 |
| 35° | 101 | 912 | 101 | 912 | 101 | 64 |
| 45° | 73 | 876 | 73 | 876 | 73 | 57 |
| 55° | 55 | 730 | 55 | 730 | 55 | 49 |
| 65° | 43 | 520 | 43 | 520 | 43 | 42 |
| 75° | 30 | 133 | 30 | 133 | 30 | 31 |
| 85° | 10 | 18 | 10 | 18 | 10 | 11 |
| 90° | 6 | 44 | 6 | 85 | 6 | 5 |
| 95° | 61 | 46 | 61 | 267 | 61 | 74 |
| 105° | 288 | 462 | 288 | 636 | 288 | 307 |
| 115° | 553 | 767 | 553 | 945 | 553 | 545 |
| 125° | 818 | 1215 | 818 | 1158 | 818 | 732 |
| 135° | 1113 | 1591 | 1113 | 1283 | 1113 | 860 |
| 145° | 1421 | 1834 | 1421 | 1310 | 1421 | 889 |
| 155° | 1688 | 1992 | 1688 | 1360 | 1688 | 776 |
| 165° | 1866 | 2077 | 1866 | 1565 | 1866 | 525 |
| 175° | 1951 | 2034 | 1951 | 1836 | 1951 | 185 |
| 180° | 1956 | 1956 | 1956 | 1956 | 1956 | |



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CATALOG NUMBER: SQ2W-FB-K-125U-050D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 |
| 2.5° | 240.5 | 245.1 | 249.7 | 254.5 | 259.5 | 264.9 | 270.7 | 275.7 | 278.1 | 280.6 | 278.1 |
| 5° | 235.4 | 251.0 | 266.5 | 289.0 | 313.9 | 342.1 | 373.7 | 400.8 | 414.2 | 427.7 | 414.2 |
| 7.5° | 226.3 | 257.9 | 289.5 | 356.5 | 435.2 | 516.9 | 601.7 | 671.9 | 698.9 | 725.8 | 698.9 |
| 10° | 217.9 | 262.0 | 306.0 | 419.5 | 556.3 | 661.4 | 735.0 | 793.8 | 808.3 | 822.8 | 808.3 |
| 12.5° | 208.6 | 268.4 | 328.2 | 468.3 | 635.3 | 744.6 | 796.2 | 838.6 | 853.5 | 868.5 | 853.5 |
| 15° | 193.5 | 278.9 | 364.4 | 522.9 | 705.7 | 818.1 | 860.1 | 895.7 | 912.3 | 928.8 | 912.3 |
| 17.5° | 177.8 | 291.6 | 405.3 | 567.0 | 744.7 | 854.3 | 895.8 | 929.2 | 938.2 | 947.2 | 938.2 |
| 20° | 166.7 | 300.3 | 433.9 | 595.9 | 767.4 | 870.9 | 906.7 | 934.9 | 940.6 | 946.3 | 940.6 |
| 22.5° | 156.4 | 305.8 | 455.2 | 617.4 | 783.8 | 880.6 | 907.6 | 929.4 | 935.5 | 941.7 | 935.5 |
| 25° | 142.2 | 310.5 | 478.9 | 640.6 | 800.1 | 888.4 | 905.5 | 919.4 | 923.5 | 927.7 | 923.5 |
| 27.5° | 128.4 | 306.3 | 484.2 | 643.9 | 797.5 | 879.9 | 891.1 | 900.5 | 904.5 | 908.6 | 904.5 |
| 30° | 120.0 | 300.8 | 481.6 | 639.8 | 790.5 | 870.0 | 878.3 | 886.0 | 891.7 | 897.4 | 891.7 |
| 32.5° | 112.6 | 294.2 | 475.8 | 632.0 | 779.9 | 857.7 | 865.6 | 874.6 | 886.9 | 899.2 | 886.9 |
| 35° | 101.4 | 280.1 | 458.8 | 613.4 | 760.0 | 839.5 | 851.9 | 866.9 | 889.7 | 912.5 | 889.7 |
| 37.5° | 91.8 | 262.0 | 432.2 | 585.3 | 732.6 | 819.2 | 845.2 | 870.2 | 892.2 | 914.1 | 892.2 |
| 40° | 86.2 | 249.4 | 412.6 | 564.4 | 712.6 | 804.0 | 838.7 | 869.4 | 888.0 | 906.7 | 888.0 |
| 42.5° | 80.6 | 235.1 | 389.6 | 540.2 | 689.6 | 784.5 | 825.0 | 860.1 | 878.7 | 897.4 | 878.7 |
| 45° | 73.4 | 212.2 | 351.0 | 500.3 | 653.1 | 753.4 | 801.0 | 841.2 | 858.8 | 876.4 | 858.8 |
| 47.5° | 66.7 | 187.2 | 307.8 | 457.8 | 617.5 | 722.7 | 773.2 | 814.3 | 827.2 | 840.0 | 827.2 |
| 50° | 62.9 | 170.7 | 278.4 | 428.9 | 593.6 | 700.8 | 750.5 | 790.4 | 800.8 | 811.1 | 800.8 |
| 52.5° | 59.2 | 154.5 | 249.8 | 400.6 | 569.9 | 677.9 | 724.7 | 762.2 | 771.8 | 781.3 | 771.8 |
| 55° | 54.8 | 132.5 | 210.2 | 359.3 | 532.3 | 639.3 | 680.2 | 713.0 | 721.3 | 729.5 | 721.3 |
| 57.5° | 50.8 | 113.5 | 176.2 | 320.6 | 492.4 | 595.7 | 630.6 | 658.5 | 665.2 | 672.0 | 665.2 |
| 60° | 48.9 | 103.3 | 157.7 | 296.4 | 463.2 | 562.4 | 594.0 | 619.4 | 626.1 | 632.8 | 626.1 |
| 62.5° | 46.2 | 93.5 | 140.8 | 272.2 | 431.5 | 525.7 | 554.8 | 578.2 | 584.5 | 590.9 | 584.5 |
| 65° | 43.1 | 81.4 | 119.8 | 238.1 | 383.2 | 467.8 | 492.2 | 511.5 | 515.6 | 519.8 | 515.6 |
| 67.5° | 38.9 | 71.5 | 104.0 | 207.0 | 333.5 | 404.3 | 419.4 | 428.8 | 421.0 | 413.3 | 421.0 |
| 70° | 36.1 | 66.2 | 96.2 | 188.0 | 300.4 | 359.2 | 364.4 | 362.7 | 340.4 | 318.2 | 340.4 |
| 72.5° | 34.3 | 61.0 | 87.7 | 167.2 | 264.3 | 307.1 | 295.7 | 276.6 | 234.5 | 192.3 | 234.5 |
| 75° | 30.3 | 52.1 | 73.8 | 133.6 | 206.1 | 217.5 | 167.8 | 130.8 | 131.8 | 132.9 | 131.8 |
| 77.5° | 24.7 | 41.0 | 57.2 | 94.0 | 137.6 | 146.3 | 120.0 | 100.5 | 101.4 | 102.3 | 101.4 |
| 80° | 21.0 | 33.9 | 46.9 | 61.4 | 76.4 | 83.4 | 82.4 | 81.7 | 82.2 | 82.7 | 82.2 |
| 82.5° | 17.2 | 26.9 | 36.5 | 45.2 | 53.6 | 58.3 | 59.4 | 60.0 | 59.2 | 58.5 | 59.2 |
| 85° | 10.5 | 16.2 | 21.9 | 25.3 | 27.8 | 27.1 | 22.9 | 19.6 | 18.5 | 17.5 | 18.5 |
| 87.5° | 4.9 | 8.6 | 12.6 | 13.5 | 13.0 | 12.6 | 12.6 | 13.0 | 13.4 | 13.4 | 13.4 |
| 90° | 5.9 | 13.8 | 23.7 | 31.6 | 37.5 | 39.5 | 39.5 | 41.5 | 43.5 | 43.5 | 43.5 |
| 92.5° | 21.7 | 34.4 | 34.8 | 34.8 | 42.3 | 45.9 | 49.0 | 49.4 | 51.4 | 51.4 | 51.4 |
| 95° | 61.3 | 67.2 | 100.8 | 98.8 | 67.2 | 53.4 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 97.5° | 117.0 | 125.7 | 131.2 | 175.9 | 185.8 | 179.4 | 146.2 | 122.9 | 109.9 | 104.0 | 109.9 |
| 100° | 166.0 | 170.0 | 181.8 | 183.8 | 233.2 | 280.6 | 256.9 | 227.3 | 217.4 | 211.5 | 217.4 |
| 102.5° | 215.0 | 217.4 | 235.6 | 243.9 | 255.3 | 282.2 | 364.4 | 355.3 | 348.6 | 347.4 | 348.6 |
| 105° | 288.5 | 290.5 | 324.1 | 339.9 | 347.8 | 347.8 | 345.9 | 385.4 | 448.6 | 462.5 | 448.6 |
| 107.5° | 367.2 | 376.3 | 415.8 | 458.1 | 467.2 | 469.6 | 459.3 | 453.4 | 451.0 | 452.6 | 451.0 |
| 110° | 421.0 | 434.8 | 482.2 | 535.6 | 549.4 | 553.4 | 549.4 | 543.5 | 539.5 | 539.5 | 539.5 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 473.1 | 493.3 | 547.0 | 608.3 | 631.6 | 643.5 | 634.8 | 630.4 | 626.5 | 629.7 | 626.5 |
| 115° | 553.4 | 583.0 | 654.2 | 717.4 | 764.8 | 770.8 | 768.8 | 768.8 | 766.8 | 766.8 | 766.8 |
| 117.5° | 627.7 | 675.1 | 754.9 | 828.5 | 883.4 | 899.2 | 907.1 | 904.8 | 902.4 | 906.3 | 902.4 |
| 120° | 679.8 | 735.2 | 826.1 | 909.1 | 962.5 | 986.2 | 994.1 | 990.1 | 994.1 | 990.1 | 994.1 |
| 122.5° | 735.2 | 803.2 | 892.5 | 978.7 | 1041.5 | 1068.4 | 1077.9 | 1078.7 | 1079.5 | 1077.1 | 1079.5 |
| 125° | 818.2 | 901.2 | 1005.9 | 1094.9 | 1160.1 | 1191.7 | 1199.6 | 1201.6 | 1205.5 | 1215.4 | 1205.5 |
| 127.5° | 902.0 | 996.1 | 1111.1 | 1196.9 | 1263.7 | 1302.0 | 1314.2 | 1318.6 | 1326.9 | 1331.2 | 1326.9 |
| 130° | 960.5 | 1067.2 | 1183.8 | 1264.8 | 1330.1 | 1371.6 | 1393.3 | 1399.2 | 1409.1 | 1407.1 | 1409.1 |
| 132.5° | 1022.1 | 1133.6 | 1251.8 | 1336.0 | 1396.5 | 1441.1 | 1459.7 | 1476.7 | 1480.3 | 1483.0 | 1480.3 |
| 135° | 1112.7 | 1233.2 | 1351.8 | 1434.8 | 1492.1 | 1535.6 | 1559.3 | 1575.1 | 1585.0 | 1590.9 | 1585.0 |
| 137.5° | 1207.9 | 1335.2 | 1449.0 | 1522.9 | 1580.7 | 1618.2 | 1645.1 | 1661.7 | 1672.0 | 1676.7 | 1672.0 |
| 140° | 1272.7 | 1395.3 | 1505.9 | 1583.0 | 1634.4 | 1672.0 | 1695.7 | 1715.4 | 1727.3 | 1727.3 | 1727.3 |
| 142.5° | 1334.4 | 1455.4 | 1562.9 | 1639.9 | 1685.0 | 1719.4 | 1744.7 | 1759.7 | 1773.1 | 1773.1 | 1773.1 |
| 145° | 1421.0 | 1541.5 | 1640.3 | 1717.4 | 1755.0 | 1786.6 | 1814.3 | 1826.1 | 1834.0 | 1834.0 | 1834.0 |
| 147.5° | 1511.5 | 1618.2 | 1708.3 | 1782.2 | 1813.9 | 1851.0 | 1872.7 | 1882.2 | 1892.1 | 1887.8 | 1892.1 |
| 150° | 1565.2 | 1664.1 | 1751.0 | 1820.2 | 1851.8 | 1887.4 | 1909.1 | 1917.0 | 1926.9 | 1921.0 | 1926.9 |
| 152.5° | 1617.4 | 1711.5 | 1790.5 | 1855.0 | 1881.8 | 1917.4 | 1942.3 | 1950.2 | 1956.9 | 1952.6 | 1956.9 |
| 155° | 1687.8 | 1770.8 | 1843.9 | 1903.2 | 1926.9 | 1960.5 | 1984.2 | 1994.1 | 2002.0 | 1992.1 | 2002.0 |
| 157.5° | 1750.6 | 1822.2 | 1885.8 | 1940.3 | 1965.6 | 1994.5 | 2016.6 | 2028.9 | 2036.8 | 2032.4 | 2036.8 |
| 160° | 1788.6 | 1853.8 | 1911.1 | 1962.5 | 1986.2 | 2011.9 | 2035.6 | 2049.4 | 2057.3 | 2051.4 | 2057.3 |
| 162.5° | 1820.2 | 1879.1 | 1933.2 | 1979.9 | 2000.4 | 2022.9 | 2051.4 | 2063.7 | 2071.6 | 2064.1 | 2071.6 |
| 165° | 1865.6 | 1913.1 | 1960.5 | 2000.0 | 2017.8 | 2035.6 | 2065.2 | 2079.1 | 2085.0 | 2077.1 | 2085.0 |
| 167.5° | 1900.0 | 1936.4 | 1974.7 | 2008.7 | 2021.8 | 2039.2 | 2068.8 | 2080.3 | 2087.8 | 2077.9 | 2087.8 |
| 170° | 1919.0 | 1950.6 | 1984.2 | 2011.9 | 2021.8 | 2037.6 | 2067.2 | 2077.1 | 2083.0 | 2073.1 | 2083.0 |
| 172.5° | 1934.8 | 1958.5 | 1985.8 | 2010.3 | 2015.4 | 2028.1 | 2056.2 | 2066.0 | 2070.4 | 2062.1 | 2070.4 |
| 175° | 1950.6 | 1964.5 | 1984.2 | 2000.0 | 1998.0 | 2006.0 | 2029.7 | 2037.6 | 2045.5 | 2033.6 | 2045.5 |
| 177.5° | 1958.1 | 1964.5 | 1970.8 | 1980.3 | 1973.9 | 1973.9 | 1991.3 | 1996.1 | 1997.7 | 1991.3 | 1997.7 |
| 180° | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 |



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CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 |
| 2.5° | 275.7 | 270.7 | 264.9 | 259.5 | 254.5 | 249.7 | 245.1 | 240.5 | 245.1 | 249.7 | 254.5 |
| 5° | 400.8 | 373.7 | 342.1 | 313.9 | 289.0 | 266.5 | 251.0 | 235.4 | 251.0 | 266.5 | 289.0 |
| 7.5° | 671.9 | 601.7 | 516.9 | 435.2 | 356.5 | 289.5 | 257.9 | 226.3 | 257.9 | 289.5 | 356.5 |
| 10° | 793.8 | 735.0 | 661.4 | 556.3 | 419.5 | 306.0 | 262.0 | 217.9 | 262.0 | 306.0 | 419.5 |
| 12.5° | 838.6 | 796.2 | 744.6 | 635.3 | 468.3 | 328.2 | 268.4 | 208.6 | 268.4 | 328.2 | 468.3 |
| 15° | 895.7 | 860.1 | 818.1 | 705.7 | 522.9 | 364.4 | 278.9 | 193.5 | 278.9 | 364.4 | 522.9 |
| 17.5° | 929.2 | 895.8 | 854.3 | 744.7 | 567.0 | 405.3 | 291.6 | 177.8 | 291.6 | 405.3 | 567.0 |
| 20° | 934.9 | 906.7 | 870.9 | 767.4 | 595.9 | 433.9 | 300.3 | 166.7 | 300.3 | 433.9 | 595.9 |
| 22.5° | 929.4 | 907.6 | 880.6 | 783.8 | 617.4 | 455.2 | 305.8 | 156.4 | 305.8 | 455.2 | 617.4 |
| 25° | 919.4 | 905.5 | 888.4 | 800.1 | 640.6 | 478.9 | 310.5 | 142.2 | 310.5 | 478.9 | 640.6 |
| 27.5° | 900.5 | 891.1 | 879.9 | 797.5 | 643.9 | 484.2 | 306.3 | 128.4 | 306.3 | 484.2 | 643.9 |
| 30° | 886.0 | 878.3 | 870.0 | 790.5 | 639.8 | 481.6 | 300.8 | 120.0 | 300.8 | 481.6 | 639.8 |
| 32.5° | 874.6 | 865.6 | 857.7 | 779.9 | 632.0 | 475.8 | 294.2 | 112.6 | 294.2 | 475.8 | 632.0 |
| 35° | 866.9 | 851.9 | 839.5 | 760.0 | 613.4 | 458.8 | 280.1 | 101.4 | 280.1 | 458.8 | 613.4 |
| 37.5° | 870.2 | 845.2 | 819.2 | 732.6 | 585.3 | 432.2 | 262.0 | 91.8 | 262.0 | 432.2 | 585.3 |
| 40° | 869.4 | 838.7 | 804.0 | 712.6 | 564.4 | 412.6 | 249.4 | 86.2 | 249.4 | 412.6 | 564.4 |
| 42.5° | 860.1 | 825.0 | 784.5 | 689.6 | 540.2 | 389.6 | 235.1 | 80.6 | 235.1 | 389.6 | 540.2 |
| 45° | 841.2 | 801.0 | 753.4 | 653.1 | 500.3 | 351.0 | 212.2 | 73.4 | 212.2 | 351.0 | 500.3 |
| 47.5° | 814.3 | 773.2 | 722.7 | 617.5 | 457.8 | 307.8 | 187.2 | 66.7 | 187.2 | 307.8 | 457.8 |
| 50° | 790.4 | 750.5 | 700.8 | 593.6 | 428.9 | 278.4 | 170.7 | 62.9 | 170.7 | 278.4 | 428.9 |
| 52.5° | 762.2 | 724.7 | 677.9 | 569.9 | 400.6 | 249.8 | 154.5 | 59.2 | 154.5 | 249.8 | 400.6 |
| 55° | 713.0 | 680.2 | 639.3 | 532.3 | 359.3 | 210.2 | 132.5 | 54.8 | 132.5 | 210.2 | 359.3 |
| 57.5° | 658.5 | 630.6 | 595.7 | 492.4 | 320.6 | 176.2 | 113.5 | 50.8 | 113.5 | 176.2 | 320.6 |
| 60° | 619.4 | 594.0 | 562.4 | 463.2 | 296.4 | 157.7 | 103.3 | 48.9 | 103.3 | 157.7 | 296.4 |
| 62.5° | 578.2 | 554.8 | 525.7 | 431.5 | 272.2 | 140.8 | 93.5 | 46.2 | 93.5 | 140.8 | 272.2 |
| 65° | 511.5 | 492.2 | 467.8 | 383.2 | 238.1 | 119.8 | 81.4 | 43.1 | 81.4 | 119.8 | 238.1 |
| 67.5° | 428.8 | 419.4 | 404.3 | 333.5 | 207.0 | 104.0 | 71.5 | 38.9 | 71.5 | 104.0 | 207.0 |
| 70° | 362.7 | 364.4 | 359.2 | 300.4 | 188.0 | 96.2 | 66.2 | 36.1 | 66.2 | 96.2 | 188.0 |
| 72.5° | 276.6 | 295.7 | 307.1 | 264.3 | 167.2 | 87.7 | 61.0 | 34.3 | 61.0 | 87.7 | 167.2 |
| 75° | 130.8 | 167.8 | 217.5 | 206.1 | 133.6 | 73.8 | 52.1 | 30.3 | 52.1 | 73.8 | 133.6 |
| 77.5° | 100.5 | 120.0 | 146.3 | 137.6 | 94.0 | 57.2 | 41.0 | 24.7 | 41.0 | 57.2 | 94.0 |
| 80° | 81.7 | 82.4 | 83.4 | 76.4 | 61.4 | 46.9 | 33.9 | 21.0 | 33.9 | 46.9 | 61.4 |
| 82.5° | 60.0 | 59.4 | 58.3 | 53.6 | 45.2 | 36.5 | 26.9 | 17.2 | 26.9 | 36.5 | 45.2 |
| 85° | 19.6 | 22.9 | 27.1 | 27.8 | 25.3 | 21.9 | 16.2 | 10.5 | 16.2 | 21.9 | 25.3 |
| 87.5° | 13.0 | 12.6 | 12.6 | 13.0 | 13.5 | 12.6 | 8.6 | 4.9 | 8.6 | 12.2 | 14.3 |
| 90° | 41.5 | 39.5 | 39.5 | 37.5 | 31.6 | 23.7 | 13.8 | 5.9 | 13.8 | 21.7 | 35.6 |
| 92.5° | 49.4 | 49.0 | 45.9 | 42.3 | 34.8 | 34.8 | 34.4 | 21.7 | 37.5 | 53.4 | 76.7 |
| 95° | 45.5 | 45.5 | 53.4 | 67.2 | 98.8 | 100.8 | 67.2 | 61.3 | 87.0 | 122.5 | 154.2 |
| 97.5° | 122.9 | 146.2 | 179.4 | 185.8 | 175.9 | 131.2 | 125.7 | 117.0 | 159.3 | 194.5 | 245.5 |
| 100° | 227.3 | 256.9 | 280.6 | 233.2 | 183.8 | 181.8 | 170.0 | 166.0 | 211.5 | 245.1 | 294.5 |
| 102.5° | 355.3 | 364.4 | 282.2 | 255.3 | 243.9 | 235.6 | 217.4 | 215.0 | 260.5 | 306.7 | 348.2 |
| 105° | 385.4 | 345.9 | 347.8 | 347.8 | 339.9 | 324.1 | 290.5 | 288.5 | 339.9 | 393.3 | 444.7 |
| 107.5° | 453.4 | 459.3 | 469.6 | 467.2 | 458.1 | 415.8 | 376.3 | 367.2 | 413.4 | 477.5 | 534.0 |
| 110° | 543.5 | 549.4 | 553.4 | 549.4 | 535.6 | 482.2 | 434.8 | 421.0 | 462.5 | 529.7 | 590.9 |



TEST NUMBER: P1436005

CATALOG NUMBER: SQ2W-FB-K-125U-050D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 630.4 | 634.8 | 643.5 | 631.6 | 608.3 | 547.0 | 493.3 | 473.1 | 514.6 | 583.4 | 646.3 |
| 115° | 768.8 | 768.8 | 770.8 | 764.8 | 717.4 | 654.2 | 583.0 | 553.4 | 588.9 | 652.2 | 721.4 |
| 117.5° | 904.8 | 907.1 | 899.2 | 883.4 | 828.5 | 754.9 | 675.1 | 627.7 | 655.7 | 722.5 | 793.7 |
| 120° | 990.1 | 994.1 | 986.2 | 962.5 | 909.1 | 826.1 | 735.2 | 679.8 | 701.6 | 766.8 | 838.0 |
| 122.5° | 1078.7 | 1077.9 | 1068.4 | 1041.5 | 978.7 | 892.5 | 803.2 | 735.2 | 744.3 | 804.8 | 874.3 |
| 125° | 1201.6 | 1199.6 | 1191.7 | 1160.1 | 1094.9 | 1005.9 | 901.2 | 818.2 | 806.3 | 857.7 | 928.9 |
| 127.5° | 1318.6 | 1314.2 | 1302.0 | 1263.7 | 1196.9 | 1111.1 | 996.1 | 902.0 | 875.5 | 907.9 | 973.1 |
| 130° | 1399.2 | 1393.3 | 1371.6 | 1330.1 | 1264.8 | 1183.8 | 1067.2 | 960.5 | 922.9 | 942.7 | 1000.0 |
| 132.5° | 1476.7 | 1459.7 | 1441.1 | 1396.5 | 1336.0 | 1251.8 | 1133.6 | 1022.1 | 970.4 | 979.1 | 1023.7 |
| 135° | 1575.1 | 1559.3 | 1535.6 | 1492.1 | 1434.8 | 1351.8 | 1233.2 | 1112.7 | 1041.5 | 1033.6 | 1059.3 |
| 137.5° | 1661.7 | 1645.1 | 1618.2 | 1580.7 | 1522.9 | 1449.0 | 1335.2 | 1207.9 | 1118.2 | 1091.7 | 1101.6 |
| 140° | 1715.4 | 1695.7 | 1672.0 | 1634.4 | 1583.0 | 1505.9 | 1395.3 | 1272.7 | 1172.0 | 1134.4 | 1128.5 |
| 142.5° | 1759.7 | 1744.7 | 1719.4 | 1685.0 | 1639.9 | 1562.9 | 1455.4 | 1334.4 | 1227.3 | 1178.7 | 1164.8 |
| 145° | 1826.1 | 1814.3 | 1786.6 | 1755.0 | 1717.4 | 1640.3 | 1541.5 | 1421.0 | 1314.2 | 1251.0 | 1221.4 |
| 147.5° | 1882.2 | 1872.7 | 1851.0 | 1813.9 | 1782.2 | 1708.3 | 1618.2 | 1511.5 | 1402.0 | 1323.7 | 1285.4 |
| 150° | 1917.0 | 1909.1 | 1887.4 | 1851.8 | 1820.2 | 1751.0 | 1664.1 | 1565.2 | 1460.5 | 1377.5 | 1328.1 |
| 152.5° | 1950.2 | 1942.3 | 1917.4 | 1881.8 | 1855.0 | 1790.5 | 1711.5 | 1617.4 | 1511.1 | 1428.1 | 1377.1 |
| 155° | 1994.1 | 1984.2 | 1960.5 | 1926.9 | 1903.2 | 1843.9 | 1770.8 | 1687.8 | 1596.9 | 1509.9 | 1452.6 |
| 157.5° | 2028.9 | 2016.6 | 1994.5 | 1965.6 | 1940.3 | 1885.8 | 1822.2 | 1750.6 | 1671.2 | 1588.2 | 1529.7 |
| 160° | 2049.4 | 2035.6 | 2011.9 | 1986.2 | 1962.5 | 1911.1 | 1853.8 | 1788.6 | 1715.4 | 1640.3 | 1577.1 |
| 162.5° | 2063.7 | 2051.4 | 2022.9 | 2000.4 | 1979.9 | 1933.2 | 1879.1 | 1820.2 | 1755.0 | 1689.3 | 1630.8 |
| 165° | 2079.1 | 2065.2 | 2035.6 | 2017.8 | 2000.0 | 1960.5 | 1913.1 | 1865.6 | 1810.3 | 1756.9 | 1709.5 |
| 167.5° | 2080.3 | 2068.8 | 2039.2 | 2021.8 | 2008.7 | 1974.7 | 1936.4 | 1900.0 | 1856.9 | 1815.0 | 1775.5 |
| 170° | 2077.1 | 2067.2 | 2037.6 | 2021.8 | 2011.9 | 1984.2 | 1950.6 | 1919.0 | 1885.4 | 1849.8 | 1818.2 |
| 172.5° | 2066.0 | 2056.2 | 2028.1 | 2015.4 | 2010.3 | 1985.8 | 1958.5 | 1934.8 | 1906.0 | 1879.9 | 1854.6 |
| 175° | 2037.6 | 2029.7 | 2006.0 | 1998.0 | 2000.0 | 1984.2 | 1964.5 | 1950.6 | 1932.8 | 1917.0 | 1903.2 |
| 177.5° | 1996.1 | 1991.3 | 1973.9 | 1973.9 | 1980.3 | 1970.8 | 1964.5 | 1958.1 | 1950.2 | 1945.5 | 1940.7 |
| 180° | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 |



TEST NUMBER: P1436005

CATALOG NUMBER: SQ2W-FB-K-125U-050D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 | 242.4 |
| 2.5° | 259.5 | 264.9 | 270.7 | 275.7 | 278.1 | 280.6 | 278.1 | 275.7 | 270.7 | 264.9 | 259.5 |
| 5° | 313.9 | 342.1 | 373.7 | 400.8 | 414.2 | 427.7 | 414.2 | 400.8 | 373.7 | 342.1 | 313.9 |
| 7.5° | 435.2 | 516.9 | 601.7 | 671.9 | 698.9 | 725.8 | 698.9 | 671.9 | 601.7 | 516.9 | 435.2 |
| 10° | 556.3 | 661.4 | 735.0 | 793.8 | 808.3 | 822.8 | 808.3 | 793.8 | 735.0 | 661.4 | 556.3 |
| 12.5° | 635.3 | 744.6 | 796.2 | 838.6 | 853.5 | 868.5 | 853.5 | 838.6 | 796.2 | 744.6 | 635.3 |
| 15° | 705.7 | 818.1 | 860.1 | 895.7 | 912.3 | 928.8 | 912.3 | 895.7 | 860.1 | 818.1 | 705.7 |
| 17.5° | 744.7 | 854.3 | 895.8 | 929.2 | 938.2 | 947.2 | 938.2 | 929.2 | 895.8 | 854.3 | 744.7 |
| 20° | 767.4 | 870.9 | 906.7 | 934.9 | 940.6 | 946.3 | 940.6 | 934.9 | 906.7 | 870.9 | 767.4 |
| 22.5° | 783.8 | 880.6 | 907.6 | 929.4 | 935.5 | 941.7 | 935.5 | 929.4 | 907.6 | 880.6 | 783.8 |
| 25° | 800.1 | 888.4 | 905.5 | 919.4 | 923.5 | 927.7 | 923.5 | 919.4 | 905.5 | 888.4 | 800.1 |
| 27.5° | 797.5 | 879.9 | 891.1 | 900.5 | 904.5 | 908.6 | 904.5 | 900.5 | 891.1 | 879.9 | 797.5 |
| 30° | 790.5 | 870.0 | 878.3 | 886.0 | 891.7 | 897.4 | 891.7 | 886.0 | 878.3 | 870.0 | 790.5 |
| 32.5° | 779.9 | 857.7 | 865.6 | 874.6 | 886.9 | 899.2 | 886.9 | 874.6 | 865.6 | 857.7 | 779.9 |
| 35° | 760.0 | 839.5 | 851.9 | 866.9 | 889.7 | 912.5 | 889.7 | 866.9 | 851.9 | 839.5 | 760.0 |
| 37.5° | 732.6 | 819.2 | 845.2 | 870.2 | 892.2 | 914.1 | 892.2 | 870.2 | 845.2 | 819.2 | 732.6 |
| 40° | 712.6 | 804.0 | 838.7 | 869.4 | 888.0 | 906.7 | 888.0 | 869.4 | 838.7 | 804.0 | 712.6 |
| 42.5° | 689.6 | 784.5 | 825.0 | 860.1 | 878.7 | 897.4 | 878.7 | 860.1 | 825.0 | 784.5 | 689.6 |
| 45° | 653.1 | 753.4 | 801.0 | 841.2 | 858.8 | 876.4 | 858.8 | 841.2 | 801.0 | 753.4 | 653.1 |
| 47.5° | 617.5 | 722.7 | 773.2 | 814.3 | 827.2 | 840.0 | 827.2 | 814.3 | 773.2 | 722.7 | 617.5 |
| 50° | 593.6 | 700.8 | 750.5 | 790.4 | 800.8 | 811.1 | 800.8 | 790.4 | 750.5 | 700.8 | 593.6 |
| 52.5° | 569.9 | 677.9 | 724.7 | 762.2 | 771.8 | 781.3 | 771.8 | 762.2 | 724.7 | 677.9 | 569.9 |
| 55° | 532.3 | 639.3 | 680.2 | 713.0 | 721.3 | 729.5 | 721.3 | 713.0 | 680.2 | 639.3 | 532.3 |
| 57.5° | 492.4 | 595.7 | 630.6 | 658.5 | 665.2 | 672.0 | 665.2 | 658.5 | 630.6 | 595.7 | 492.4 |
| 60° | 463.2 | 562.4 | 594.0 | 619.4 | 626.1 | 632.8 | 626.1 | 619.4 | 594.0 | 562.4 | 463.2 |
| 62.5° | 431.5 | 525.7 | 554.8 | 578.2 | 584.5 | 590.9 | 584.5 | 578.2 | 554.8 | 525.7 | 431.5 |
| 65° | 383.2 | 467.8 | 492.2 | 511.5 | 515.6 | 519.8 | 515.6 | 511.5 | 492.2 | 467.8 | 383.2 |
| 67.5° | 333.5 | 404.3 | 419.4 | 428.8 | 421.0 | 413.3 | 421.0 | 428.8 | 419.4 | 404.3 | 333.5 |
| 70° | 300.4 | 359.2 | 364.4 | 362.7 | 340.4 | 318.2 | 340.4 | 362.7 | 364.4 | 359.2 | 300.4 |
| 72.5° | 264.3 | 307.1 | 295.7 | 276.6 | 234.5 | 192.3 | 234.5 | 276.6 | 295.7 | 307.1 | 264.3 |
| 75° | 206.1 | 217.5 | 167.8 | 130.8 | 131.8 | 132.9 | 131.8 | 130.8 | 167.8 | 217.5 | 206.1 |
| 77.5° | 137.6 | 146.3 | 120.0 | 100.5 | 101.4 | 102.3 | 101.4 | 100.5 | 120.0 | 146.3 | 137.6 |
| 80° | 76.4 | 83.4 | 82.4 | 81.7 | 82.2 | 82.7 | 82.2 | 81.7 | 82.4 | 83.4 | 76.4 |
| 82.5° | 53.6 | 58.3 | 59.4 | 60.0 | 59.2 | 58.5 | 59.2 | 60.0 | 59.4 | 58.3 | 53.6 |
| 85° | 27.8 | 27.1 | 22.9 | 19.6 | 18.5 | 17.5 | 18.5 | 19.6 | 22.9 | 27.1 | 27.8 |
| 87.5° | 14.6 | 16.5 | 19.3 | 20.9 | 22.4 | 21.7 | 22.4 | 20.9 | 19.3 | 16.5 | 14.6 |
| 90° | 45.5 | 59.3 | 73.1 | 81.0 | 88.9 | 85.0 | 88.9 | 81.0 | 73.1 | 59.3 | 45.5 |
| 92.5° | 91.3 | 114.6 | 131.6 | 145.9 | 152.2 | 151.4 | 152.2 | 145.9 | 131.6 | 114.6 | 91.3 |
| 95° | 183.8 | 211.5 | 239.1 | 258.9 | 270.8 | 266.8 | 270.8 | 258.9 | 239.1 | 211.5 | 183.8 |
| 97.5° | 283.4 | 320.6 | 351.4 | 370.0 | 381.8 | 389.7 | 381.8 | 370.0 | 351.4 | 320.6 | 283.4 |
| 100° | 349.8 | 385.4 | 421.0 | 442.7 | 462.5 | 470.4 | 462.5 | 442.7 | 421.0 | 385.4 | 349.8 |
| 102.5° | 403.6 | 450.2 | 488.9 | 512.3 | 528.9 | 536.8 | 528.9 | 512.3 | 488.9 | 450.2 | 403.6 |
| 105° | 492.1 | 541.5 | 583.0 | 612.7 | 630.4 | 636.4 | 630.4 | 612.7 | 583.0 | 541.5 | 492.1 |
| 107.5° | 580.6 | 631.6 | 670.0 | 702.8 | 724.5 | 737.2 | 724.5 | 702.8 | 670.0 | 631.6 | 580.6 |
| 110° | 650.2 | 691.7 | 733.2 | 762.9 | 784.6 | 792.5 | 784.6 | 762.9 | 733.2 | 691.7 | 650.2 |



TEST NUMBER: P1436005

CATALOG NUMBER: SQ2W-FB-K-125U-050D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 708.7 | 754.9 | 796.5 | 826.1 | 851.0 | 862.1 | 851.0 | 826.1 | 796.5 | 754.9 | 708.7 |
| 115° | 790.5 | 851.8 | 889.3 | 917.0 | 934.8 | 944.7 | 934.8 | 917.0 | 889.3 | 851.8 | 790.5 |
| 117.5° | 858.5 | 922.5 | 963.6 | 985.0 | 993.3 | 1000.4 | 993.3 | 985.0 | 963.6 | 922.5 | 858.5 |
| 120° | 901.2 | 960.5 | 1007.9 | 1035.6 | 1045.5 | 1049.4 | 1045.5 | 1035.6 | 1007.9 | 960.5 | 901.2 |
| 122.5° | 940.7 | 996.8 | 1042.7 | 1076.7 | 1092.9 | 1096.9 | 1092.9 | 1076.7 | 1042.7 | 996.8 | 940.7 |
| 125° | 996.1 | 1049.4 | 1096.9 | 1130.4 | 1148.2 | 1158.1 | 1148.2 | 1130.4 | 1096.9 | 1049.4 | 996.1 |
| 127.5° | 1044.3 | 1102.0 | 1145.5 | 1175.9 | 1193.3 | 1201.2 | 1193.3 | 1175.9 | 1145.5 | 1102.0 | 1044.3 |
| 130° | 1071.2 | 1130.4 | 1173.9 | 1207.5 | 1223.3 | 1231.2 | 1223.3 | 1207.5 | 1173.9 | 1130.4 | 1071.2 |
| 132.5° | 1091.7 | 1154.2 | 1199.2 | 1229.7 | 1247.1 | 1255.0 | 1247.1 | 1229.7 | 1199.2 | 1154.2 | 1091.7 |
| 135° | 1116.6 | 1181.8 | 1229.3 | 1258.9 | 1274.7 | 1282.6 | 1274.7 | 1258.9 | 1229.3 | 1181.8 | 1116.6 |
| 137.5° | 1138.4 | 1197.6 | 1247.1 | 1278.3 | 1292.5 | 1297.6 | 1292.5 | 1278.3 | 1247.1 | 1197.6 | 1138.4 |
| 140° | 1154.2 | 1205.5 | 1255.0 | 1284.6 | 1300.4 | 1302.4 | 1300.4 | 1284.6 | 1255.0 | 1205.5 | 1154.2 |
| 142.5° | 1174.7 | 1215.0 | 1258.1 | 1287.8 | 1303.6 | 1307.1 | 1303.6 | 1287.8 | 1258.1 | 1215.0 | 1174.7 |
| 145° | 1211.5 | 1235.2 | 1264.8 | 1292.5 | 1306.3 | 1310.3 | 1306.3 | 1292.5 | 1264.8 | 1235.2 | 1211.5 |
| 147.5° | 1257.7 | 1265.2 | 1280.6 | 1298.8 | 1312.3 | 1315.0 | 1312.3 | 1298.8 | 1280.6 | 1265.2 | 1257.7 |
| 150° | 1292.5 | 1290.5 | 1296.5 | 1308.3 | 1320.2 | 1318.2 | 1320.2 | 1308.3 | 1296.5 | 1290.5 | 1292.5 |
| 152.5° | 1332.0 | 1320.6 | 1320.2 | 1325.7 | 1331.2 | 1330.8 | 1331.2 | 1325.7 | 1320.2 | 1320.6 | 1332.0 |
| 155° | 1399.2 | 1377.5 | 1365.6 | 1361.7 | 1361.7 | 1359.7 | 1361.7 | 1361.7 | 1365.6 | 1377.5 | 1399.2 |
| 157.5° | 1473.1 | 1442.7 | 1424.9 | 1415.4 | 1412.7 | 1408.3 | 1412.7 | 1415.4 | 1424.9 | 1442.7 | 1473.1 |
| 160° | 1523.7 | 1490.1 | 1472.3 | 1456.5 | 1450.6 | 1444.7 | 1450.6 | 1456.5 | 1472.3 | 1490.1 | 1523.7 |
| 162.5° | 1571.2 | 1539.1 | 1519.8 | 1505.6 | 1499.6 | 1490.5 | 1499.6 | 1505.6 | 1519.8 | 1539.1 | 1571.2 |
| 165° | 1648.2 | 1614.6 | 1592.9 | 1581.0 | 1573.1 | 1565.2 | 1573.1 | 1581.0 | 1592.9 | 1614.6 | 1648.2 |
| 167.5° | 1725.3 | 1688.6 | 1674.3 | 1660.9 | 1653.4 | 1639.1 | 1653.4 | 1660.9 | 1674.3 | 1688.6 | 1725.3 |
| 170° | 1772.7 | 1739.2 | 1731.2 | 1719.4 | 1705.6 | 1689.7 | 1705.6 | 1719.4 | 1731.2 | 1739.2 | 1772.7 |
| 172.5° | 1813.9 | 1791.3 | 1783.4 | 1771.6 | 1767.2 | 1754.6 | 1767.2 | 1771.6 | 1783.4 | 1791.3 | 1813.9 |
| 175° | 1873.5 | 1855.8 | 1855.8 | 1853.8 | 1847.8 | 1836.0 | 1847.8 | 1853.8 | 1855.8 | 1855.8 | 1873.5 |
| 177.5° | 1923.3 | 1913.9 | 1920.2 | 1920.2 | 1918.6 | 1907.5 | 1918.6 | 1920.2 | 1920.2 | 1913.9 | 1923.3 |
| 180° | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 | 1956.5 |



TEST NUMBER: P1436005

CATALOG NUMBER: SQ2W-FB-K-125U-050D-L840-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|-------|-------|-------|-------|
| 0° | 242.4 | 242.4 | 242.4 | 242.4 |
| 2.5° | 254.5 | 249.7 | 245.1 | 240.5 |
| 5° | 289.0 | 266.5 | 251.0 | 235.4 |
| 7.5° | 356.5 | 289.5 | 257.9 | 226.3 |
| 10° | 419.5 | 306.0 | 262.0 | 217.9 |
| 12.5° | 468.3 | 328.2 | 268.4 | 208.6 |
| 15° | 522.9 | 364.4 | 278.9 | 193.5 |
| 17.5° | 567.0 | 405.3 | 291.6 | 177.8 |
| 20° | 595.9 | 433.9 | 300.3 | 166.7 |
| 22.5° | 617.4 | 455.2 | 305.8 | 156.4 |
| 25° | 640.6 | 478.9 | 310.5 | 142.2 |
| 27.5° | 643.9 | 484.2 | 306.3 | 128.4 |
| 30° | 639.8 | 481.6 | 300.8 | 120.0 |
| 32.5° | 632.0 | 475.8 | 294.2 | 112.6 |
| 35° | 613.4 | 458.8 | 280.1 | 101.4 |
| 37.5° | 585.3 | 432.2 | 262.0 | 91.8 |
| 40° | 564.4 | 412.6 | 249.4 | 86.2 |
| 42.5° | 540.2 | 389.6 | 235.1 | 80.6 |
| 45° | 500.3 | 351.0 | 212.2 | 73.4 |
| 47.5° | 457.8 | 307.8 | 187.2 | 66.7 |
| 50° | 428.9 | 278.4 | 170.7 | 62.9 |
| 52.5° | 400.6 | 249.8 | 154.5 | 59.2 |
| 55° | 359.3 | 210.2 | 132.5 | 54.8 |
| 57.5° | 320.6 | 176.2 | 113.5 | 50.8 |
| 60° | 296.4 | 157.7 | 103.3 | 48.9 |
| 62.5° | 272.2 | 140.8 | 93.5 | 46.2 |
| 65° | 238.1 | 119.8 | 81.4 | 43.1 |
| 67.5° | 207.0 | 104.0 | 71.5 | 38.9 |
| 70° | 188.0 | 96.2 | 66.2 | 36.1 |
| 72.5° | 167.2 | 87.7 | 61.0 | 34.3 |
| 75° | 133.6 | 73.8 | 52.1 | 30.3 |
| 77.5° | 94.0 | 57.2 | 41.0 | 24.7 |
| 80° | 61.4 | 46.9 | 33.9 | 21.0 |
| 82.5° | 45.2 | 36.5 | 26.9 | 17.2 |
| 85° | 25.3 | 21.9 | 16.2 | 10.5 |
| 87.5° | 14.3 | 12.2 | 8.6 | 4.9 |
| 90° | 35.6 | 21.7 | 13.8 | 5.9 |
| 92.5° | 76.7 | 53.4 | 37.5 | 21.7 |
| 95° | 154.2 | 122.5 | 87.0 | 61.3 |
| 97.5° | 245.5 | 194.5 | 159.3 | 117.0 |
| 100° | 294.5 | 245.1 | 211.5 | 166.0 |
| 102.5° | 348.2 | 306.7 | 260.5 | 215.0 |
| 105° | 444.7 | 393.3 | 339.9 | 288.5 |
| 107.5° | 534.0 | 477.5 | 413.4 | 367.2 |
| 110° | 590.9 | 529.7 | 462.5 | 421.0 |



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CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 646.3 | 583.4 | 514.6 | 473.1 |
| 115° | 721.4 | 652.2 | 588.9 | 553.4 |
| 117.5° | 793.7 | 722.5 | 655.7 | 627.7 |
| 120° | 838.0 | 766.8 | 701.6 | 679.8 |
| 122.5° | 874.3 | 804.8 | 744.3 | 735.2 |
| 125° | 928.9 | 857.7 | 806.3 | 818.2 |
| 127.5° | 973.1 | 907.9 | 875.5 | 902.0 |
| 130° | 1000.0 | 942.7 | 922.9 | 960.5 |
| 132.5° | 1023.7 | 979.1 | 970.4 | 1022.1 |
| 135° | 1059.3 | 1033.6 | 1041.5 | 1112.7 |
| 137.5° | 1101.6 | 1091.7 | 1118.2 | 1207.9 |
| 140° | 1128.5 | 1134.4 | 1172.0 | 1272.7 |
| 142.5° | 1164.8 | 1178.7 | 1227.3 | 1334.4 |
| 145° | 1221.4 | 1251.0 | 1314.2 | 1421.0 |
| 147.5° | 1285.4 | 1323.7 | 1402.0 | 1511.5 |
| 150° | 1328.1 | 1377.5 | 1460.5 | 1565.2 |
| 152.5° | 1377.1 | 1428.1 | 1511.1 | 1617.4 |
| 155° | 1452.6 | 1509.9 | 1596.9 | 1687.8 |
| 157.5° | 1529.7 | 1588.2 | 1671.2 | 1750.6 |
| 160° | 1577.1 | 1640.3 | 1715.4 | 1788.6 |
| 162.5° | 1630.8 | 1689.3 | 1755.0 | 1820.2 |
| 165° | 1709.5 | 1756.9 | 1810.3 | 1865.6 |
| 167.5° | 1775.5 | 1815.0 | 1856.9 | 1900.0 |
| 170° | 1818.2 | 1849.8 | 1885.4 | 1919.0 |
| 172.5° | 1854.6 | 1879.9 | 1906.0 | 1934.8 |
| 175° | 1903.2 | 1917.0 | 1932.8 | 1950.6 |
| 177.5° | 1940.7 | 1945.5 | 1950.2 | 1958.1 |
| 180° | 1956.5 | 1956.5 | 1956.5 | 1956.5 |



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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 | 8.66 | 9.38 | 9.77 | 10.49 | 12.02 | 18.25 | 18.97 | 19.36 | 20.08 | 21.61 |
| | 3H | 9.59 | 10.23 | 10.71 | 11.35 | 12.90 | 19.85 | 20.49 | 20.97 | 21.61 | 23.16 |
| | 4H | 9.98 | 10.59 | 11.11 | 11.71 | 13.26 | 20.02 | 20.63 | 21.15 | 21.75 | 23.30 |
| | 6H | 10.22 | 10.79 | 11.36 | 11.91 | 13.47 | 20.09 | 20.65 | 21.22 | 21.77 | 23.34 |
| | 8H | 10.31 | 10.85 | 11.45 | 11.98 | 13.54 | 20.10 | 20.63 | 21.24 | 21.77 | 23.33 |
| | 12H | 10.36 | 10.86 | 11.50 | 11.99 | 13.58 | 20.07 | 20.58 | 21.22 | 21.71 | 23.29 |
| 4H | 2H | 13.36 | 13.97 | 14.50 | 15.09 | 16.64 | 18.60 | 19.21 | 19.74 | 20.33 | 21.89 |
| | 3H | 14.47 | 14.98 | 15.62 | 16.13 | 17.69 | 20.47 | 20.98 | 21.62 | 22.13 | 23.70 |
| | 4H | 14.75 | 15.22 | 15.89 | 16.35 | 17.94 | 20.69 | 21.16 | 21.84 | 22.29 | 23.88 |
| | 6H | 14.87 | 15.28 | 16.03 | 16.43 | 18.01 | 20.81 | 21.21 | 21.96 | 22.37 | 23.95 |
| | 8H | 14.91 | 15.28 | 16.06 | 16.43 | 18.03 | 20.85 | 21.23 | 22.00 | 22.37 | 23.97 |
| | 12H | 14.90 | 15.24 | 16.07 | 16.40 | 18.00 | 20.83 | 21.17 | 22.00 | 22.33 | 23.93 |
| 8H | 4H | 15.93 | 16.30 | 17.08 | 17.45 | 19.05 | 20.77 | 21.14 | 21.92 | 22.29 | 23.88 |
| | 6H | 16.18 | 16.49 | 17.35 | 17.68 | 19.27 | 20.96 | 21.27 | 22.13 | 22.46 | 24.05 |
| | 8H | 16.28 | 16.54 | 17.45 | 17.71 | 19.33 | 21.05 | 21.32 | 22.22 | 22.48 | 24.10 |
| | 12H | 16.31 | 16.55 | 17.49 | 17.71 | 19.36 | 21.04 | 21.28 | 22.23 | 22.45 | 24.09 |
| 12H | 4H | 15.95 | 16.28 | 17.11 | 17.44 | 19.04 | 20.71 | 21.05 | 21.88 | 22.21 | 23.81 |
| | 6H | 16.28 | 16.55 | 17.46 | 17.72 | 19.33 | 20.94 | 21.21 | 22.12 | 22.38 | 23.99 |
| | 8H | 16.41 | 16.65 | 17.60 | 17.82 | 19.46 | 21.03 | 21.27 | 22.21 | 22.43 | 24.08 |