

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1435788

Luminaire Tested: SQ2W-FA-K-075U-050D-L835-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2024
Report Number: P1435788
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2502-345-2)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FA-K-075U-050D-L835-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS ASYMMETRIC ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 500 LUMENS PER FOOT
UPLIGHT 750 LUMENS PER FOOT
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

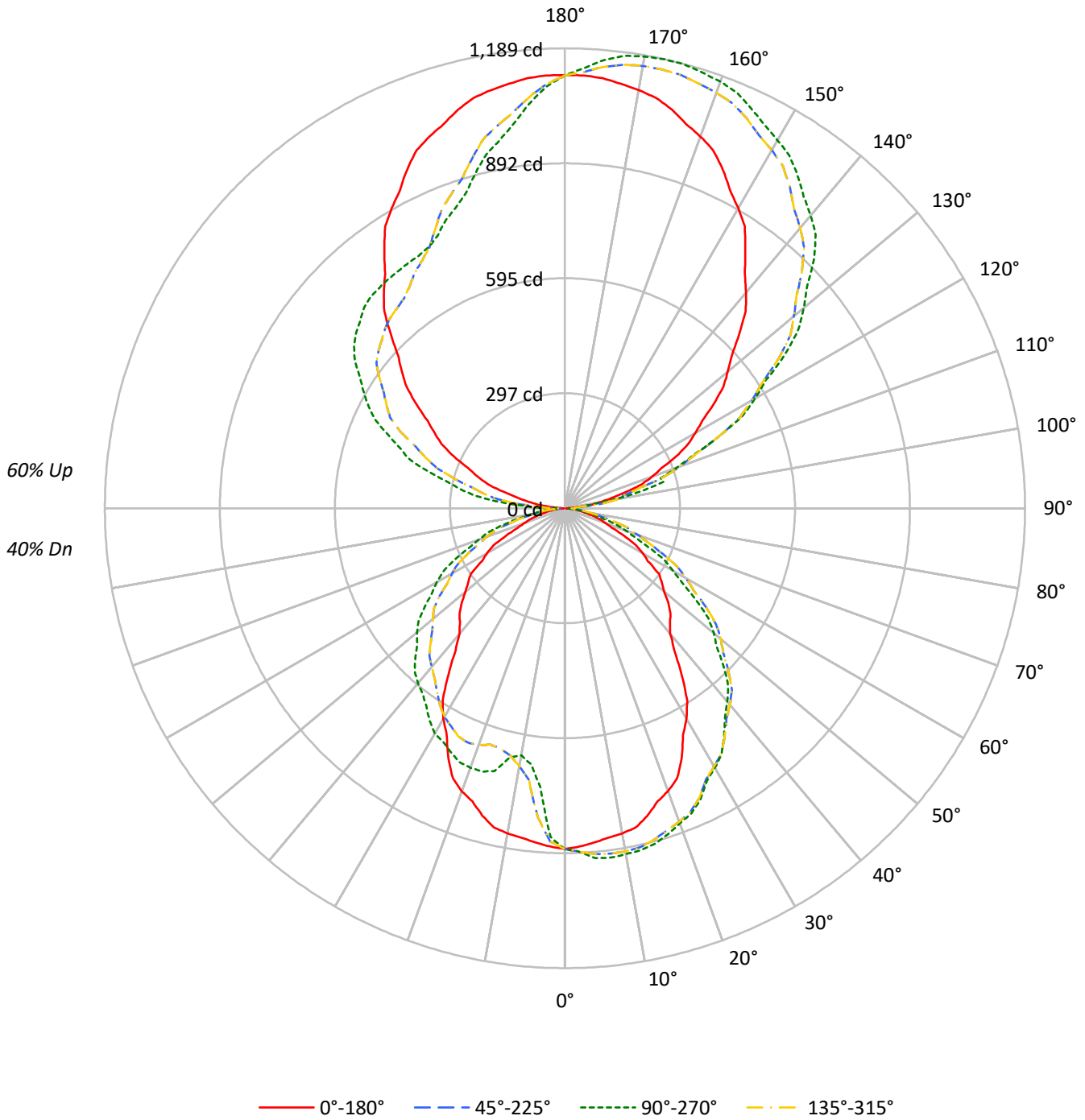
Lumens per Lamp: N/A
Luminaire Lumens: 5460.1 lumens
Efficiency: N/A
Efficacy: 131.9 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.23 / 1.34
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 41.4
Input Voltage (V): 120
Input Current (A_{in}): 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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-L835-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-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 | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 40 | | | | |
| 1 | 96 | 91 | 88 | 84 | 87 | 83 | 80 | 77 | 68 | 66 | 64 | 54 | 53 | 52 | 42 | 41 | 40 | 34 | | | | |
| 2 | 87 | 80 | 74 | 69 | 79 | 73 | 68 | 63 | 60 | 56 | 53 | 48 | 45 | 43 | 37 | 35 | 34 | 29 | | | | |
| 3 | 79 | 70 | 63 | 57 | 72 | 64 | 58 | 53 | 53 | 48 | 45 | 42 | 39 | 36 | 33 | 30 | 29 | 24 | | | | |
| 4 | 73 | 62 | 54 | 48 | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 38 | 34 | 31 | 29 | 27 | 25 | 21 | | | | |
| 5 | 67 | 55 | 47 | 41 | 60 | 51 | 44 | 38 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 24 | 21 | 18 | | | | |
| 6 | 61 | 49 | 41 | 36 | 56 | 45 | 38 | 33 | 38 | 32 | 28 | 30 | 27 | 24 | 24 | 21 | 19 | 16 | | | | |
| 7 | 57 | 45 | 37 | 31 | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | 14 | | | | |
| 8 | 52 | 40 | 33 | 28 | 48 | 37 | 30 | 26 | 31 | 26 | 22 | 25 | 21 | 18 | 20 | 17 | 15 | 12 | | | | |
| 9 | 49 | 37 | 29 | 24 | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 18 | 16 | 13 | 11 | | | | |
| 10 | 46 | 34 | 27 | 22 | 41 | 31 | 25 | 20 | 26 | 21 | 18 | 21 | 18 | 15 | 17 | 14 | 12 | 10 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 14223 | 14223 | 14223 | 14223 |
| 5° | 14055 | 14719 | 14055 | 11731 |
| 10° | 13994 | 14890 | 13994 | 10635 |
| 15° | 13755 | 15010 | 13755 | 11757 |
| 20° | 13376 | 14900 | 13376 | 12261 |
| 25° | 12713 | 14781 | 12713 | 12408 |
| 30° | 11712 | 14450 | 11712 | 12539 |
| 35° | 10364 | 14132 | 10364 | 12315 |
| 40° | 8924 | 13744 | 8924 | 12450 |
| 45° | 8809 | 13252 | 8809 | 12474 |
| 50° | 8404 | 12607 | 8404 | 12521 |
| 55° | 8363 | 11628 | 8363 | 12400 |
| 60° | 7498 | 10365 | 7498 | 12348 |
| 65° | 6391 | 9131 | 6391 | 12000 |
| 70° | 5160 | 7737 | 5160 | 11122 |
| 75° | 4473 | 6388 | 4473 | 10224 |
| 80° | 3812 | 4760 | 3812 | 8256 |
| 85° | 2538 | 2538 | 2538 | 5057 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 13670 cd/sqm



TEST NUMBER: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-L835-UNV-STD-W-WM-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 79.3 | 1.5 |
| 10°-20° | 221.5 | 4.1 |
| 20°-30° | 336.3 | 6.2 |
| 30°-40° | 394.9 | 7.2 |
| 40°-50° | 400.7 | 7.3 |
| 50°-60° | 351.0 | 6.4 |
| 60°-70° | 249.0 | 4.6 |
| 70°-80° | 128.2 | 2.3 |
| 80°-90° | 31.5 | 0.6 |
| 90°-100° | 89.1 | 1.6 |
| 100°-110° | 259.7 | 4.8 |
| 110°-120° | 423.9 | 7.8 |
| 120°-130° | 537.9 | 9.9 |
| 130°-140° | 575.6 | 10.5 |
| 140°-150° | 537.5 | 9.8 |
| 150°-160° | 442.3 | 8.1 |
| 160°-170° | 296.6 | 5.4 |
| 170°-180° | 105.3 | 1.9 |
| 0°-30° | 637.1 | 11.7 |
| 0°-40° | 1031.9 | 18.9 |
| 0°-60° | 1783.7 | 32.7 |
| 0°-90° | 2192.3 | 40.2 |
| 90°-120° | 772.7 | 14.2 |
| 90°-150° | 2423.6 | 44.4 |
| 90°-180° | 3268.0 | 59.9 |
| 0°-180° | 5460.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 881 | 881 | 881 | 881 | 881 | |
| 5° | 867 | 908 | 867 | 724 | 867 | 82 |
| 15° | 823 | 898 | 823 | 703 | 823 | 231 |
| 25° | 714 | 830 | 714 | 696 | 714 | 326 |
| 35° | 526 | 717 | 526 | 625 | 526 | 328 |
| 45° | 386 | 580 | 386 | 546 | 386 | 295 |
| 55° | 297 | 413 | 297 | 440 | 297 | 257 |
| 65° | 167 | 239 | 167 | 314 | 167 | 167 |
| 75° | 72 | 102 | 72 | 164 | 72 | 78 |
| 85° | 14 | 14 | 14 | 27 | 14 | 17 |
| 90° | 3 | 25 | 3 | 49 | 3 | 3 |
| 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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 |
| 2.5° | 875.4 | 881.5 | 887.6 | 889.1 | 889.1 | 889.1 | 889.1 | 889.1 | 889.1 | 889.1 | 889.1 |
| 5° | 867.2 | 877.9 | 888.5 | 893.4 | 896.5 | 898.7 | 900.3 | 902.2 | 905.2 | 908.2 | 905.2 |
| 7.5° | 859.1 | 873.3 | 887.6 | 894.6 | 899.1 | 902.8 | 905.5 | 907.9 | 909.4 | 911.0 | 909.4 |
| 10° | 853.6 | 870.3 | 887.0 | 894.6 | 899.1 | 902.2 | 903.7 | 905.2 | 906.7 | 908.2 | 906.7 |
| 12.5° | 845.4 | 863.3 | 881.2 | 890.0 | 895.8 | 899.4 | 900.9 | 902.5 | 904.0 | 905.5 | 904.0 |
| 15° | 822.9 | 847.1 | 871.4 | 880.9 | 885.5 | 889.3 | 892.3 | 894.9 | 896.5 | 898.0 | 896.5 |
| 17.5° | 794.9 | 824.3 | 853.7 | 865.7 | 871.7 | 876.1 | 878.9 | 881.2 | 882.4 | 883.6 | 882.4 |
| 20° | 778.5 | 810.3 | 842.2 | 854.7 | 860.8 | 864.6 | 866.1 | 867.2 | 867.2 | 867.2 | 867.2 |
| 22.5° | 756.6 | 792.1 | 827.6 | 841.1 | 847.1 | 850.3 | 850.6 | 851.2 | 852.4 | 853.6 | 852.4 |
| 25° | 713.6 | 754.6 | 795.5 | 812.6 | 821.7 | 825.5 | 824.0 | 823.6 | 826.7 | 829.7 | 826.7 |
| 27.5° | 661.0 | 712.6 | 764.2 | 781.7 | 787.7 | 791.5 | 793.0 | 794.2 | 794.2 | 794.2 | 794.2 |
| 30° | 628.2 | 685.9 | 743.6 | 762.5 | 768.6 | 772.4 | 773.9 | 775.1 | 775.1 | 775.1 | 775.1 |
| 32.5° | 587.3 | 655.9 | 724.5 | 745.2 | 750.1 | 752.7 | 753.0 | 753.2 | 753.2 | 753.2 | 753.2 |
| 35° | 525.8 | 609.3 | 692.7 | 715.9 | 718.9 | 720.4 | 720.4 | 720.1 | 718.5 | 717.0 | 718.5 |
| 37.5° | 464.4 | 559.0 | 653.7 | 680.8 | 685.4 | 686.6 | 684.5 | 682.5 | 681.0 | 679.5 | 681.0 |
| 40° | 423.4 | 526.6 | 629.8 | 659.0 | 663.5 | 663.5 | 659.0 | 655.2 | 653.7 | 652.1 | 653.7 |
| 42.5° | 401.5 | 503.5 | 605.5 | 634.4 | 638.9 | 638.3 | 632.6 | 627.9 | 626.3 | 624.8 | 626.3 |
| 45° | 385.8 | 476.9 | 567.9 | 594.1 | 598.7 | 597.9 | 591.8 | 586.5 | 583.5 | 580.4 | 583.5 |
| 47.5° | 361.9 | 442.0 | 522.2 | 547.9 | 555.5 | 554.7 | 545.6 | 538.0 | 535.0 | 532.0 | 535.0 |
| 50° | 334.6 | 413.5 | 492.4 | 517.8 | 525.4 | 524.7 | 515.6 | 508.0 | 504.9 | 501.9 | 504.9 |
| 52.5° | 315.5 | 389.5 | 463.6 | 486.9 | 493.3 | 491.3 | 481.0 | 472.5 | 469.4 | 466.4 | 469.4 |
| 55° | 297.1 | 359.3 | 421.5 | 440.5 | 445.0 | 442.0 | 431.3 | 422.2 | 417.7 | 413.1 | 417.7 |
| 57.5° | 254.0 | 313.2 | 372.4 | 390.8 | 395.7 | 392.0 | 379.9 | 369.5 | 364.4 | 359.2 | 364.4 |
| 60° | 232.2 | 285.3 | 338.4 | 356.2 | 362.3 | 359.3 | 347.1 | 336.1 | 328.5 | 321.0 | 328.5 |
| 62.5° | 207.6 | 254.6 | 301.7 | 319.8 | 328.3 | 326.5 | 314.3 | 303.3 | 295.8 | 288.2 | 295.8 |
| 65° | 167.3 | 208.3 | 249.2 | 267.5 | 278.1 | 277.3 | 265.2 | 254.2 | 246.6 | 239.0 | 246.6 |
| 67.5° | 131.1 | 166.3 | 201.5 | 219.4 | 231.6 | 231.0 | 217.6 | 206.1 | 200.0 | 193.9 | 200.0 |
| 70° | 109.3 | 139.6 | 170.0 | 186.7 | 198.8 | 198.8 | 186.7 | 176.0 | 170.0 | 163.9 | 170.0 |
| 72.5° | 95.6 | 118.7 | 141.7 | 157.5 | 170.9 | 170.9 | 157.5 | 146.3 | 141.4 | 136.6 | 141.4 |
| 75° | 71.7 | 85.4 | 99.0 | 113.8 | 129.0 | 130.5 | 118.4 | 108.5 | 105.5 | 102.4 | 105.5 |
| 77.5° | 51.9 | 58.3 | 64.6 | 76.3 | 89.6 | 91.1 | 80.8 | 72.8 | 71.5 | 70.3 | 71.5 |
| 80° | 41.0 | 42.5 | 44.0 | 53.5 | 65.6 | 67.1 | 58.0 | 51.2 | 51.2 | 51.2 | 51.2 |
| 82.5° | 27.3 | 28.8 | 30.3 | 37.1 | 45.6 | 46.5 | 39.8 | 34.5 | 33.3 | 32.1 | 33.3 |
| 85° | 13.7 | 13.7 | 13.7 | 15.9 | 19.0 | 19.0 | 15.9 | 13.7 | 13.7 | 13.7 | 13.7 |
| 87.5° | 3.4 | 4.3 | 5.4 | 7.3 | 9.2 | 9.4 | 8.2 | 7.5 | 7.7 | 7.7 | 7.7 |
| 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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 |
| 2.5° | 889.1 | 889.1 | 889.1 | 889.1 | 889.1 | 887.6 | 881.5 | 875.4 | 875.4 | 875.4 | 870.9 |
| 5° | 902.2 | 900.3 | 898.7 | 896.5 | 893.4 | 888.5 | 877.9 | 867.2 | 862.7 | 858.1 | 838.8 |
| 7.5° | 907.9 | 905.5 | 902.8 | 899.1 | 894.6 | 887.6 | 873.3 | 859.1 | 838.7 | 818.4 | 775.3 |
| 10° | 905.2 | 903.7 | 902.2 | 899.1 | 894.6 | 887.0 | 870.3 | 853.6 | 812.6 | 771.6 | 730.7 |
| 12.5° | 902.5 | 900.9 | 899.4 | 895.8 | 890.0 | 881.2 | 863.3 | 845.4 | 787.4 | 729.5 | 692.4 |
| 15° | 894.9 | 892.3 | 889.3 | 885.5 | 880.9 | 871.4 | 847.1 | 822.9 | 757.6 | 692.4 | 661.2 |
| 17.5° | 881.2 | 878.9 | 876.1 | 871.7 | 865.7 | 853.7 | 824.3 | 794.9 | 726.6 | 658.3 | 638.3 |
| 20° | 867.2 | 866.1 | 864.6 | 860.8 | 854.7 | 842.2 | 810.3 | 778.5 | 710.2 | 641.9 | 632.8 |
| 22.5° | 851.2 | 850.6 | 850.3 | 847.1 | 841.1 | 827.6 | 792.1 | 756.6 | 689.6 | 622.5 | 622.8 |
| 25° | 823.6 | 824.0 | 825.5 | 821.7 | 812.6 | 795.5 | 754.6 | 713.6 | 654.4 | 595.2 | 605.5 |
| 27.5° | 794.2 | 793.0 | 791.5 | 787.7 | 781.7 | 764.2 | 712.6 | 661.0 | 614.3 | 567.5 | 584.5 |
| 30° | 775.1 | 773.9 | 772.4 | 768.6 | 762.5 | 743.6 | 685.9 | 628.2 | 588.8 | 549.3 | 569.1 |
| 32.5° | 753.2 | 753.0 | 752.7 | 750.1 | 745.2 | 724.5 | 655.9 | 587.3 | 558.7 | 530.2 | 550.9 |
| 35° | 720.1 | 720.4 | 720.4 | 718.9 | 715.9 | 692.7 | 609.3 | 525.8 | 513.7 | 501.5 | 525.8 |
| 37.5° | 682.5 | 684.5 | 686.6 | 685.4 | 680.8 | 653.7 | 559.0 | 464.4 | 468.3 | 472.2 | 501.7 |
| 40° | 655.2 | 659.0 | 663.5 | 663.5 | 659.0 | 629.8 | 526.6 | 423.4 | 437.0 | 450.7 | 482.6 |
| 42.5° | 627.9 | 632.6 | 638.3 | 638.9 | 634.4 | 605.5 | 503.5 | 401.5 | 416.4 | 431.3 | 464.4 |
| 45° | 586.5 | 591.8 | 597.9 | 598.7 | 594.1 | 567.9 | 476.9 | 385.8 | 394.9 | 404.0 | 435.9 |
| 47.5° | 538.0 | 545.6 | 554.7 | 555.5 | 547.9 | 522.2 | 442.0 | 361.9 | 368.6 | 375.3 | 407.9 |
| 50° | 508.0 | 515.6 | 524.7 | 525.4 | 517.8 | 492.4 | 413.5 | 334.6 | 343.7 | 352.8 | 387.0 |
| 52.5° | 472.5 | 481.0 | 491.3 | 493.3 | 486.9 | 463.6 | 389.5 | 315.5 | 321.0 | 326.4 | 363.3 |
| 55° | 422.2 | 431.3 | 442.0 | 445.0 | 440.5 | 421.5 | 359.3 | 297.1 | 292.5 | 287.9 | 325.5 |
| 57.5° | 369.5 | 379.9 | 392.0 | 395.7 | 390.8 | 372.4 | 313.2 | 254.0 | 250.1 | 246.1 | 286.8 |
| 60° | 336.1 | 347.1 | 359.3 | 362.3 | 356.2 | 338.4 | 285.3 | 232.2 | 224.6 | 217.0 | 259.5 |
| 62.5° | 303.3 | 314.3 | 326.5 | 328.3 | 319.8 | 301.7 | 254.6 | 207.6 | 202.4 | 197.3 | 238.6 |
| 65° | 254.2 | 265.2 | 277.3 | 278.1 | 267.5 | 249.2 | 208.3 | 167.3 | 170.3 | 173.4 | 210.6 |
| 67.5° | 206.1 | 217.6 | 231.0 | 231.6 | 219.4 | 201.5 | 166.3 | 131.1 | 141.1 | 151.1 | 184.6 |
| 70° | 176.0 | 186.7 | 198.8 | 198.8 | 186.7 | 170.0 | 139.6 | 109.3 | 122.9 | 136.6 | 167.3 |
| 72.5° | 146.3 | 157.5 | 170.9 | 170.9 | 157.5 | 141.7 | 118.7 | 95.6 | 109.3 | 122.9 | 148.2 |
| 75° | 108.5 | 118.4 | 130.5 | 129.0 | 113.8 | 99.0 | 85.4 | 71.7 | 85.4 | 99.0 | 118.4 |
| 77.5° | 72.8 | 80.8 | 91.1 | 89.6 | 76.3 | 64.6 | 58.3 | 51.9 | 63.1 | 74.4 | 87.9 |
| 80° | 51.2 | 58.0 | 67.1 | 65.6 | 53.5 | 44.0 | 42.5 | 41.0 | 48.6 | 56.1 | 66.0 |
| 82.5° | 34.5 | 39.8 | 46.5 | 45.6 | 37.1 | 30.3 | 28.8 | 27.3 | 33.7 | 40.1 | 46.9 |
| 85° | 13.7 | 15.9 | 19.0 | 19.0 | 15.9 | 13.7 | 13.7 | 13.7 | 16.7 | 19.7 | 22.8 |
| 87.5° | 7.5 | 8.2 | 9.4 | 9.2 | 7.3 | 5.4 | 4.3 | 3.4 | 5.5 | 7.6 | 9.5 |
| 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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 | 880.9 |
| 2.5° | 864.8 | 860.0 | 856.3 | 853.3 | 852.1 | 850.9 | 852.1 | 853.3 | 856.3 | 860.0 | 864.8 |
| 5° | 814.5 | 788.7 | 761.4 | 739.0 | 731.4 | 723.8 | 731.4 | 739.0 | 761.4 | 788.7 | 814.5 |
| 7.5° | 724.6 | 693.5 | 682.0 | 672.7 | 670.3 | 667.9 | 670.3 | 672.7 | 682.0 | 693.5 | 724.6 |
| 10° | 689.7 | 664.7 | 655.6 | 648.7 | 648.7 | 648.7 | 648.7 | 648.7 | 655.6 | 664.7 | 689.7 |
| 12.5° | 662.4 | 647.1 | 646.5 | 647.5 | 653.6 | 659.7 | 653.6 | 647.5 | 646.5 | 647.1 | 662.4 |
| 15° | 641.5 | 643.8 | 668.1 | 688.2 | 695.8 | 703.4 | 695.8 | 688.2 | 668.1 | 643.8 | 641.5 |
| 17.5° | 634.3 | 647.4 | 677.4 | 701.5 | 707.5 | 713.6 | 707.5 | 701.5 | 677.4 | 647.4 | 634.3 |
| 20° | 643.4 | 660.1 | 682.9 | 701.5 | 707.5 | 713.6 | 707.5 | 701.5 | 682.9 | 660.1 | 643.4 |
| 22.5° | 645.5 | 665.9 | 683.8 | 698.7 | 704.8 | 710.9 | 704.8 | 698.7 | 683.8 | 665.9 | 645.5 |
| 25° | 638.9 | 663.1 | 678.3 | 690.5 | 693.5 | 696.5 | 693.5 | 690.5 | 678.3 | 663.1 | 638.9 |
| 27.5° | 622.8 | 649.5 | 664.7 | 676.6 | 678.7 | 680.8 | 678.7 | 676.6 | 664.7 | 649.5 | 622.8 |
| 30° | 608.5 | 635.8 | 651.0 | 663.5 | 668.1 | 672.6 | 668.1 | 663.5 | 651.0 | 635.8 | 608.5 |
| 32.5° | 587.9 | 615.8 | 634.6 | 649.0 | 649.9 | 650.8 | 649.9 | 649.0 | 634.6 | 615.8 | 587.9 |
| 35° | 562.2 | 591.1 | 612.3 | 627.9 | 626.3 | 624.8 | 626.3 | 627.9 | 612.3 | 591.1 | 562.2 |
| 37.5° | 539.6 | 567.8 | 586.4 | 600.7 | 602.5 | 604.3 | 602.5 | 600.7 | 586.4 | 567.8 | 539.6 |
| 40° | 520.5 | 549.3 | 569.1 | 584.6 | 587.7 | 590.7 | 587.7 | 584.6 | 569.1 | 549.3 | 520.5 |
| 42.5° | 503.5 | 532.9 | 552.7 | 568.2 | 571.3 | 574.3 | 571.3 | 568.2 | 552.7 | 532.9 | 503.5 |
| 45° | 475.4 | 505.7 | 527.0 | 543.3 | 544.8 | 546.3 | 544.8 | 543.3 | 527.0 | 505.7 | 475.4 |
| 47.5° | 449.2 | 479.7 | 499.4 | 514.6 | 516.1 | 517.6 | 516.1 | 514.6 | 499.4 | 479.7 | 449.2 |
| 50° | 429.5 | 460.6 | 480.3 | 495.5 | 497.0 | 498.5 | 497.0 | 495.5 | 480.3 | 460.6 | 429.5 |
| 52.5° | 410.6 | 443.0 | 460.3 | 473.6 | 475.1 | 476.6 | 475.1 | 473.6 | 460.3 | 443.0 | 410.6 |
| 55° | 377.1 | 411.2 | 427.9 | 440.5 | 440.5 | 440.5 | 440.5 | 427.9 | 411.2 | 377.1 | 377.1 |
| 57.5° | 342.3 | 377.4 | 392.0 | 403.4 | 405.2 | 407.0 | 405.2 | 403.4 | 392.0 | 377.4 | 342.3 |
| 60° | 318.7 | 354.3 | 366.5 | 376.3 | 379.4 | 382.4 | 379.4 | 376.3 | 366.5 | 354.3 | 318.7 |
| 62.5° | 295.3 | 329.8 | 341.9 | 351.5 | 353.3 | 355.1 | 353.3 | 351.5 | 341.9 | 329.8 | 295.3 |
| 65° | 259.1 | 289.5 | 301.6 | 311.1 | 312.6 | 314.1 | 312.6 | 311.1 | 301.6 | 289.5 | 259.1 |
| 67.5° | 225.9 | 250.8 | 259.3 | 265.9 | 267.2 | 268.4 | 267.2 | 265.9 | 259.3 | 250.8 | 225.9 |
| 70° | 203.7 | 225.0 | 231.0 | 235.6 | 235.6 | 235.6 | 235.6 | 235.6 | 231.0 | 225.0 | 203.7 |
| 72.5° | 177.3 | 194.9 | 201.0 | 205.8 | 207.1 | 208.3 | 207.1 | 205.8 | 201.0 | 194.9 | 177.3 |
| 75° | 139.6 | 152.5 | 157.1 | 160.9 | 162.4 | 163.9 | 162.4 | 160.9 | 157.1 | 152.5 | 139.6 |
| 77.5° | 102.1 | 110.6 | 113.4 | 115.8 | 117.3 | 118.8 | 117.3 | 115.8 | 113.4 | 110.6 | 102.1 |
| 80° | 76.6 | 82.7 | 84.2 | 85.7 | 87.3 | 88.8 | 87.3 | 85.7 | 84.2 | 82.7 | 76.6 |
| 82.5° | 53.9 | 58.1 | 59.6 | 60.9 | 61.2 | 61.5 | 61.2 | 60.9 | 59.6 | 58.1 | 53.9 |
| 85° | 25.8 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 25.8 |
| 87.5° | 10.7 | 12.2 | 13.8 | 14.7 | 15.6 | 15.2 | 15.6 | 14.7 | 13.8 | 12.2 | 10.7 |
| 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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|-------|-------|-------|-------|
| 0° | 880.9 | 880.9 | 880.9 | 880.9 |
| 2.5° | 870.9 | 875.4 | 875.4 | 875.4 |
| 5° | 838.8 | 858.1 | 862.7 | 867.2 |
| 7.5° | 775.3 | 818.4 | 838.7 | 859.1 |
| 10° | 730.7 | 771.6 | 812.6 | 853.6 |
| 12.5° | 692.4 | 729.5 | 787.4 | 845.4 |
| 15° | 661.2 | 692.4 | 757.6 | 822.9 |
| 17.5° | 638.3 | 658.3 | 726.6 | 794.9 |
| 20° | 632.8 | 641.9 | 710.2 | 778.5 |
| 22.5° | 622.8 | 622.5 | 689.6 | 756.6 |
| 25° | 605.5 | 595.2 | 654.4 | 713.6 |
| 27.5° | 584.5 | 567.5 | 614.3 | 661.0 |
| 30° | 569.1 | 549.3 | 588.8 | 628.2 |
| 32.5° | 550.9 | 530.2 | 558.7 | 587.3 |
| 35° | 525.8 | 501.5 | 513.7 | 525.8 |
| 37.5° | 501.7 | 472.2 | 468.3 | 464.4 |
| 40° | 482.6 | 450.7 | 437.0 | 423.4 |
| 42.5° | 464.4 | 431.3 | 416.4 | 401.5 |
| 45° | 435.9 | 404.0 | 394.9 | 385.8 |
| 47.5° | 407.9 | 375.3 | 368.6 | 361.9 |
| 50° | 387.0 | 352.8 | 343.7 | 334.6 |
| 52.5° | 363.3 | 326.4 | 321.0 | 315.5 |
| 55° | 325.5 | 287.9 | 292.5 | 297.1 |
| 57.5° | 286.8 | 246.1 | 250.1 | 254.0 |
| 60° | 259.5 | 217.0 | 224.6 | 232.2 |
| 62.5° | 238.6 | 197.3 | 202.4 | 207.6 |
| 65° | 210.6 | 173.4 | 170.3 | 167.3 |
| 67.5° | 184.6 | 151.1 | 141.1 | 131.1 |
| 70° | 167.3 | 136.6 | 122.9 | 109.3 |
| 72.5° | 148.2 | 122.9 | 109.3 | 95.6 |
| 75° | 118.4 | 99.0 | 85.4 | 71.7 |
| 77.5° | 87.9 | 74.4 | 63.1 | 51.9 |
| 80° | 66.0 | 56.1 | 48.6 | 41.0 |
| 82.5° | 46.9 | 40.1 | 33.7 | 27.3 |
| 85° | 22.8 | 19.7 | 16.7 | 13.7 |
| 87.5° | 9.5 | 7.6 | 5.5 | 3.4 |
| 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: P1435788

CATALOG NUMBER: SQ2W-FA-K-075U-050D-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: P1435788
 CATALOG NUMBER: SQ2W-FA-K-075U-050D-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 | 14.61 | 15.39 | 15.65 | 16.44 | 17.84 | 15.81 | 16.59 | 16.85 | 17.64 | 19.04 |
| | 3H | 15.70 | 16.39 | 16.74 | 17.45 | 18.87 | 17.05 | 17.75 | 18.10 | 18.80 | 20.22 |
| | 4H | 16.04 | 16.70 | 17.10 | 17.76 | 19.19 | 17.44 | 18.10 | 18.50 | 19.15 | 20.58 |
| | 6H | 16.20 | 16.81 | 17.27 | 17.87 | 19.31 | 17.59 | 18.20 | 18.66 | 19.26 | 20.70 |
| | 8H | 16.23 | 16.81 | 17.31 | 17.89 | 19.33 | 17.61 | 18.19 | 18.69 | 19.27 | 20.71 |
| | 12H | 16.23 | 16.78 | 17.31 | 17.85 | 19.31 | 17.60 | 18.15 | 18.67 | 19.21 | 20.68 |
| 4H | 2H | 15.47 | 16.13 | 16.54 | 17.19 | 18.62 | 16.39 | 17.05 | 17.45 | 18.10 | 19.53 |
| | 3H | 16.85 | 17.40 | 17.93 | 18.48 | 19.93 | 17.84 | 18.39 | 18.92 | 19.47 | 20.92 |
| | 4H | 17.30 | 17.81 | 18.38 | 18.88 | 20.35 | 18.31 | 18.82 | 19.39 | 19.89 | 21.36 |
| | 6H | 17.53 | 17.96 | 18.62 | 19.06 | 20.52 | 18.53 | 18.96 | 19.62 | 20.06 | 21.52 |
| | 8H | 17.58 | 17.99 | 18.67 | 19.08 | 20.55 | 18.58 | 18.98 | 19.67 | 20.07 | 21.55 |
| | 12H | 17.58 | 17.95 | 18.69 | 19.05 | 20.53 | 18.56 | 18.93 | 19.67 | 20.03 | 21.51 |
| 8H | 4H | 17.68 | 18.08 | 18.77 | 19.17 | 20.65 | 18.50 | 18.91 | 19.59 | 20.00 | 21.47 |
| | 6H | 18.03 | 18.36 | 19.14 | 19.49 | 20.96 | 18.81 | 19.15 | 19.92 | 20.28 | 21.75 |
| | 8H | 18.14 | 18.44 | 19.26 | 19.55 | 21.04 | 18.91 | 19.20 | 20.03 | 20.31 | 21.81 |
| | 12H | 18.18 | 18.43 | 19.30 | 19.54 | 21.07 | 18.92 | 19.18 | 20.04 | 20.28 | 21.82 |
| 12H | 4H | 17.68 | 18.05 | 18.79 | 19.15 | 20.63 | 18.47 | 18.83 | 19.57 | 19.94 | 21.42 |
| | 6H | 18.10 | 18.39 | 19.21 | 19.50 | 20.99 | 18.83 | 19.12 | 19.95 | 20.24 | 21.73 |
| | 8H | 18.24 | 18.50 | 19.36 | 19.60 | 21.13 | 18.94 | 19.20 | 20.06 | 20.31 | 21.84 |