

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: P1427757

Luminaire Tested: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1427757
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-20)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT 1000 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

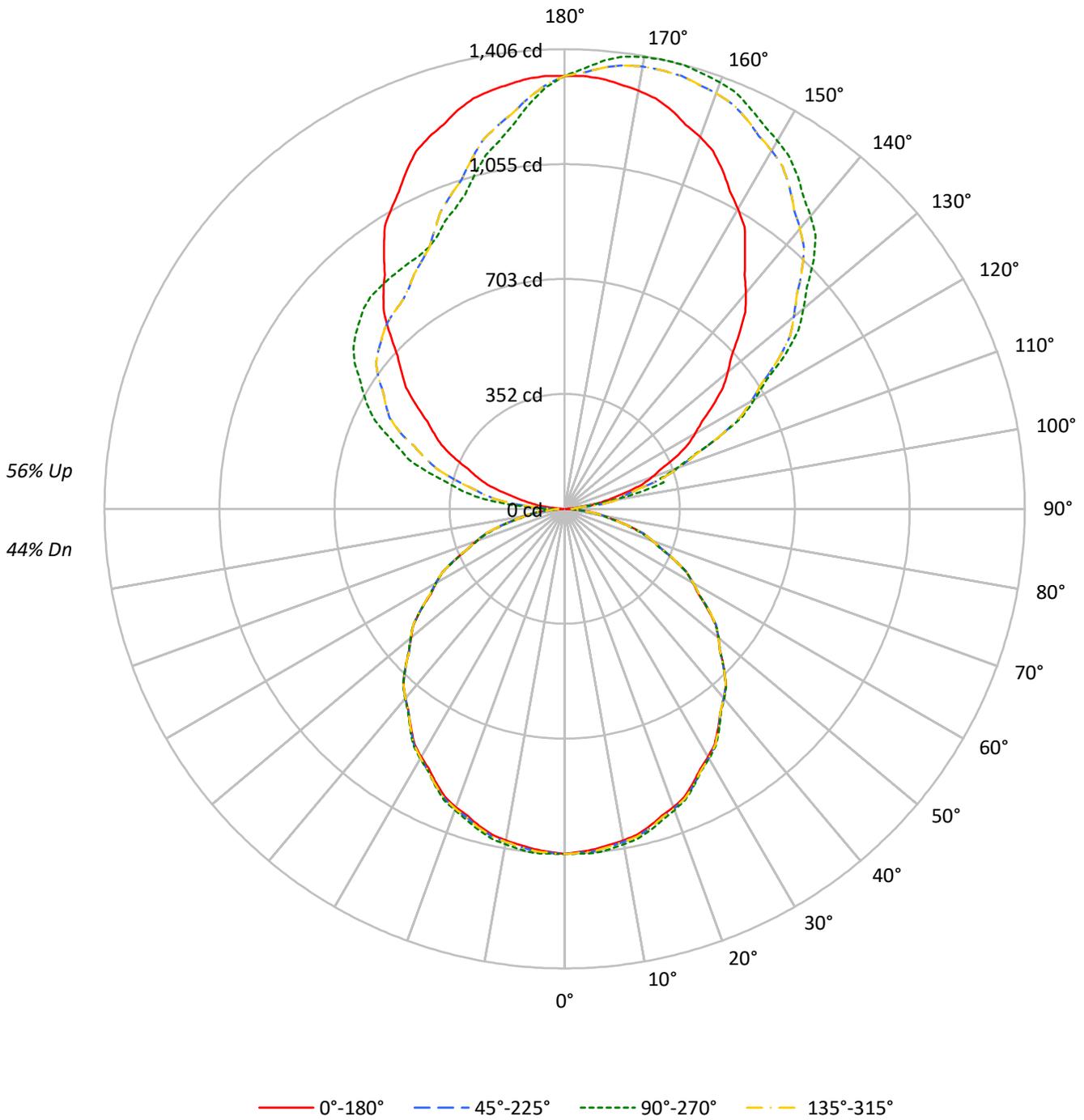
Lumens per Lamp: N/A
Luminaire Lumens: 6844.2 lumens
Efficiency: N/A
Efficacy: 114.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 59.8
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: P1427757

CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1427757

CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-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 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 64 | 64 | 64 | 50 | 50 | 50 | 44 | | | | 44 |
| 1 | 96 | 92 | 88 | 84 | 88 | 84 | 81 | 78 | 70 | 67 | 65 | 56 | 55 | 53 | 44 | 43 | 42 | | | | 36 | |
| 2 | 87 | 80 | 74 | 69 | 80 | 73 | 68 | 64 | 61 | 57 | 54 | 49 | 47 | 44 | 39 | 37 | 35 | | | | 30 | |
| 3 | 80 | 70 | 63 | 57 | 73 | 64 | 58 | 53 | 53 | 49 | 45 | 43 | 40 | 37 | 34 | 32 | 30 | | | | 25 | |
| 4 | 73 | 62 | 54 | 48 | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 39 | 35 | 32 | 30 | 28 | 25 | | | | 22 | |
| 5 | 67 | 55 | 47 | 41 | 61 | 51 | 44 | 38 | 42 | 37 | 33 | 35 | 31 | 27 | 27 | 24 | 22 | | | | 19 | |
| 6 | 61 | 49 | 41 | 35 | 56 | 45 | 38 | 33 | 38 | 33 | 28 | 31 | 27 | 24 | 25 | 22 | 19 | | | | 16 | |
| 7 | 57 | 44 | 36 | 31 | 52 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | | | | 14 | |
| 8 | 53 | 40 | 33 | 27 | 48 | 37 | 30 | 25 | 31 | 26 | 22 | 26 | 22 | 19 | 21 | 18 | 15 | | | | 13 | |
| 9 | 49 | 37 | 29 | 24 | 45 | 34 | 27 | 23 | 29 | 23 | 20 | 24 | 20 | 17 | 19 | 16 | 14 | | | | 12 | |
| 10 | 46 | 34 | 26 | 22 | 42 | 31 | 25 | 20 | 26 | 21 | 18 | 22 | 18 | 15 | 18 | 15 | 13 | | | | 10 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 17051 | 17051 | 17051 | 17051 |
| 5° | 16948 | 17141 | 16948 | 17141 |
| 10° | 16888 | 17083 | 16888 | 17083 |
| 15° | 16795 | 17008 | 16795 | 17008 |
| 20° | 16690 | 16855 | 16690 | 16855 |
| 25° | 16509 | 16655 | 16509 | 16655 |
| 30° | 16335 | 16445 | 16335 | 16445 |
| 35° | 16125 | 16227 | 16125 | 16227 |
| 40° | 15942 | 15989 | 15942 | 15989 |
| 45° | 15709 | 15709 | 15709 | 15709 |
| 50° | 15395 | 15430 | 15395 | 15430 |
| 55° | 15032 | 15054 | 15032 | 15054 |
| 60° | 14628 | 14628 | 14628 | 14628 |
| 65° | 14151 | 14093 | 14151 | 14093 |
| 70° | 13482 | 13341 | 13482 | 13341 |
| 75° | 12576 | 12295 | 12576 | 12295 |
| 80° | 11204 | 10646 | 11204 | 10646 |
| 85° | 8948 | 7577 | 8948 | 7577 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 15814 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 99.9 | 1.5 |
| 10°-20° | 285.5 | 4.2 |
| 20°-30° | 429.8 | 6.3 |
| 30°-40° | 514.0 | 7.5 |
| 40°-50° | 530.7 | 7.8 |
| 50°-60° | 478.7 | 7.0 |
| 60°-70° | 366.7 | 5.4 |
| 70°-80° | 211.9 | 3.1 |
| 80°-90° | 60.5 | 0.9 |
| 90°-100° | 105.4 | 1.5 |
| 100°-110° | 307.3 | 4.5 |
| 110°-120° | 501.5 | 7.3 |
| 120°-130° | 636.4 | 9.3 |
| 130°-140° | 681.0 | 9.9 |
| 140°-150° | 635.9 | 9.3 |
| 150°-160° | 523.2 | 7.6 |
| 160°-170° | 350.9 | 5.1 |
| 170°-180° | 124.6 | 1.8 |
| 0°-30° | 815.3 | 11.9 |
| 0°-40° | 1329.3 | 19.4 |
| 0°-60° | 2338.7 | 34.2 |
| 0°-90° | 2977.9 | 43.5 |
| 90°-120° | 914.2 | 13.4 |
| 90°-150° | 2867.5 | 41.9 |
| 90°-180° | 3866.0 | 56.5 |
| 0°-180° | 6844.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1056 | 1056 | 1056 | 1056 | 1056 | |
| 5° | 1046 | 1058 | 1046 | 1058 | 1046 | 99 |
| 15° | 1005 | 1018 | 1005 | 1018 | 1005 | 283 |
| 25° | 927 | 935 | 927 | 935 | 927 | 427 |
| 35° | 818 | 823 | 818 | 823 | 818 | 512 |
| 45° | 688 | 688 | 688 | 688 | 688 | 530 |
| 55° | 534 | 535 | 534 | 535 | 534 | 477 |
| 65° | 370 | 369 | 370 | 369 | 370 | 366 |
| 75° | 202 | 197 | 202 | 197 | 202 | 213 |
| 85° | 48 | 41 | 48 | 41 | 48 | 56 |
| 90° | 4 | 29 | 4 | 58 | 4 | 5 |
| 95° | 42 | 31 | 42 | 181 | 42 | 50 |
| 105° | 195 | 313 | 195 | 431 | 195 | 208 |
| 115° | 374 | 519 | 374 | 639 | 374 | 369 |
| 125° | 554 | 823 | 554 | 784 | 554 | 495 |
| 135° | 753 | 1077 | 753 | 868 | 753 | 582 |
| 145° | 962 | 1241 | 962 | 887 | 962 | 602 |
| 155° | 1142 | 1348 | 1142 | 920 | 1142 | 525 |
| 165° | 1263 | 1406 | 1263 | 1059 | 1263 | 355 |
| 175° | 1320 | 1376 | 1320 | 1243 | 1320 | 125 |
| 180° | 1324 | 1324 | 1324 | 1324 | 1324 | |



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CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |
| 2.5° | 1050.8 | 1055.8 | 1060.8 | 1058.7 | 1054.2 | 1052.5 | 1053.6 | 1054.5 | 1055.0 | 1055.6 | 1055.0 |
| 5° | 1045.7 | 1052.3 | 1059.0 | 1056.6 | 1051.4 | 1049.0 | 1049.7 | 1051.0 | 1054.3 | 1057.6 | 1054.3 |
| 7.5° | 1037.3 | 1043.9 | 1050.5 | 1048.4 | 1043.3 | 1041.2 | 1042.0 | 1043.5 | 1046.9 | 1050.3 | 1046.9 |
| 10° | 1030.1 | 1036.7 | 1043.3 | 1041.0 | 1035.7 | 1033.8 | 1035.1 | 1036.7 | 1039.4 | 1042.0 | 1039.4 |
| 12.5° | 1021.2 | 1027.8 | 1034.4 | 1032.5 | 1027.7 | 1025.8 | 1026.5 | 1027.9 | 1030.8 | 1033.7 | 1030.8 |
| 15° | 1004.8 | 1011.4 | 1018.0 | 1016.2 | 1011.6 | 1009.8 | 1010.8 | 1012.2 | 1014.8 | 1017.5 | 1014.8 |
| 17.5° | 985.0 | 991.3 | 997.5 | 995.8 | 991.5 | 989.9 | 991.0 | 992.5 | 994.8 | 997.1 | 994.8 |
| 20° | 971.4 | 977.3 | 983.3 | 981.5 | 977.2 | 975.2 | 975.6 | 976.4 | 978.7 | 981.0 | 978.7 |
| 22.5° | 954.7 | 960.6 | 966.6 | 965.1 | 961.0 | 958.6 | 957.9 | 958.1 | 960.9 | 963.8 | 960.9 |
| 25° | 926.7 | 932.7 | 938.6 | 937.4 | 933.8 | 931.4 | 930.5 | 930.3 | 932.6 | 934.9 | 932.6 |
| 27.5° | 897.6 | 902.5 | 907.5 | 906.5 | 903.4 | 901.6 | 900.9 | 900.8 | 902.5 | 904.1 | 902.5 |
| 30° | 876.2 | 881.1 | 886.1 | 884.8 | 881.5 | 879.5 | 878.9 | 878.8 | 880.5 | 882.1 | 880.5 |
| 32.5° | 853.5 | 858.2 | 862.9 | 861.2 | 857.4 | 855.4 | 855.3 | 855.7 | 857.6 | 859.5 | 857.6 |
| 35° | 818.1 | 822.1 | 826.1 | 824.3 | 820.7 | 819.1 | 819.4 | 820.0 | 821.7 | 823.3 | 821.7 |
| 37.5° | 782.6 | 785.6 | 788.7 | 786.9 | 783.5 | 781.8 | 781.7 | 782.0 | 783.4 | 784.8 | 783.4 |
| 40° | 756.4 | 759.7 | 763.0 | 761.1 | 757.5 | 755.5 | 755.2 | 755.3 | 757.0 | 758.6 | 757.0 |
| 42.5° | 729.6 | 732.1 | 734.7 | 733.0 | 729.8 | 728.4 | 728.6 | 729.0 | 729.8 | 730.7 | 729.8 |
| 45° | 688.0 | 690.3 | 692.6 | 691.0 | 688.0 | 686.5 | 686.5 | 686.7 | 687.3 | 688.0 | 687.3 |
| 47.5° | 644.4 | 646.2 | 648.0 | 646.7 | 644.4 | 643.0 | 642.6 | 642.6 | 643.6 | 644.7 | 643.6 |
| 50° | 612.9 | 615.2 | 617.5 | 616.3 | 614.0 | 612.5 | 611.9 | 611.7 | 613.0 | 614.3 | 613.0 |
| 52.5° | 581.9 | 584.5 | 587.1 | 586.0 | 583.7 | 582.1 | 581.1 | 580.7 | 581.8 | 582.8 | 581.8 |
| 55° | 534.0 | 537.0 | 540.0 | 539.2 | 537.2 | 535.6 | 534.3 | 533.4 | 534.1 | 534.8 | 534.1 |
| 57.5° | 485.1 | 488.0 | 490.9 | 490.3 | 488.6 | 487.0 | 485.4 | 484.4 | 485.3 | 486.3 | 485.3 |
| 60° | 453.0 | 455.6 | 458.2 | 457.4 | 455.4 | 453.8 | 452.5 | 451.6 | 452.3 | 453.0 | 452.3 |
| 62.5° | 420.2 | 422.9 | 425.5 | 424.5 | 422.2 | 420.5 | 419.1 | 418.3 | 419.0 | 419.6 | 419.0 |
| 65° | 370.4 | 372.7 | 375.0 | 374.1 | 372.1 | 370.5 | 369.2 | 368.2 | 368.6 | 368.9 | 368.6 |
| 67.5° | 320.1 | 322.1 | 324.1 | 323.1 | 321.2 | 319.3 | 317.4 | 316.1 | 316.6 | 317.1 | 316.6 |
| 70° | 285.6 | 287.6 | 289.6 | 288.8 | 287.2 | 285.5 | 283.9 | 282.6 | 282.6 | 282.6 | 282.6 |
| 72.5° | 252.3 | 254.0 | 255.7 | 254.7 | 252.8 | 251.1 | 249.8 | 248.7 | 248.7 | 248.7 | 248.7 |
| 75° | 201.6 | 202.6 | 203.5 | 203.0 | 202.1 | 200.7 | 199.1 | 197.8 | 197.4 | 197.1 | 197.4 |
| 77.5° | 152.6 | 152.6 | 152.6 | 151.7 | 150.4 | 149.2 | 147.9 | 146.9 | 146.5 | 146.1 | 146.5 |
| 80° | 120.5 | 120.5 | 120.5 | 119.7 | 118.8 | 117.8 | 116.8 | 115.9 | 115.2 | 114.5 | 115.2 |
| 82.5° | 90.7 | 90.2 | 89.7 | 88.8 | 87.8 | 86.6 | 85.0 | 84.1 | 84.7 | 85.4 | 84.7 |
| 85° | 48.3 | 47.7 | 47.0 | 46.1 | 45.1 | 44.0 | 42.6 | 41.6 | 41.2 | 40.9 | 41.2 |
| 87.5° | 15.7 | 16.2 | 17.0 | 17.4 | 17.4 | 16.7 | 15.7 | 15.1 | 15.1 | 14.8 | 15.1 |
| 90° | 4.0 | 9.4 | 16.1 | 21.4 | 25.4 | 26.8 | 26.8 | 28.1 | 29.4 | 29.4 | 29.4 |
| 92.5° | 14.7 | 23.3 | 23.5 | 23.5 | 28.6 | 31.0 | 33.2 | 33.4 | 34.8 | 34.8 | 34.8 |
| 95° | 41.5 | 45.5 | 68.2 | 66.9 | 45.5 | 36.1 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 |
| 97.5° | 79.2 | 85.1 | 88.8 | 119.0 | 125.7 | 121.4 | 99.0 | 83.2 | 74.4 | 70.4 | 74.4 |
| 100° | 112.4 | 115.0 | 123.1 | 124.4 | 157.8 | 189.9 | 173.9 | 153.8 | 147.1 | 143.1 | 147.1 |
| 102.5° | 145.5 | 147.1 | 159.4 | 165.1 | 172.8 | 191.0 | 246.6 | 240.5 | 235.9 | 235.1 | 235.9 |
| 105° | 195.3 | 196.6 | 219.4 | 230.1 | 235.4 | 235.4 | 234.1 | 260.8 | 303.6 | 313.0 | 303.6 |
| 107.5° | 248.5 | 254.7 | 281.4 | 310.0 | 316.2 | 317.8 | 310.8 | 306.8 | 305.2 | 306.3 | 305.2 |
| 110° | 284.9 | 294.3 | 326.4 | 362.5 | 371.8 | 374.5 | 371.8 | 367.8 | 365.1 | 365.1 | 365.1 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 320.2 | 333.9 | 370.2 | 411.7 | 427.5 | 435.5 | 429.6 | 426.7 | 424.0 | 426.1 | 424.0 |
| 115° | 374.5 | 394.6 | 442.7 | 485.5 | 517.6 | 521.6 | 520.3 | 520.3 | 519.0 | 519.0 | 519.0 |
| 117.5° | 424.8 | 456.9 | 510.9 | 560.7 | 597.9 | 608.6 | 613.9 | 612.3 | 610.7 | 613.4 | 610.7 |
| 120° | 460.1 | 497.6 | 559.1 | 615.3 | 651.4 | 667.4 | 672.8 | 670.1 | 672.8 | 670.1 | 672.8 |
| 122.5° | 497.6 | 543.6 | 604.0 | 662.4 | 704.9 | 723.1 | 729.5 | 730.0 | 730.6 | 729.0 | 730.6 |
| 125° | 553.7 | 609.9 | 680.8 | 741.0 | 785.1 | 806.5 | 811.9 | 813.2 | 815.9 | 822.6 | 815.9 |
| 127.5° | 610.5 | 674.1 | 752.0 | 810.0 | 855.2 | 881.2 | 889.5 | 892.4 | 898.0 | 901.0 | 898.0 |
| 130° | 650.0 | 722.3 | 801.2 | 856.0 | 900.2 | 928.3 | 943.0 | 947.0 | 953.7 | 952.3 | 953.7 |
| 132.5° | 691.8 | 767.2 | 847.2 | 904.2 | 945.1 | 975.3 | 987.9 | 999.4 | 1001.8 | 1003.7 | 1001.8 |
| 135° | 753.0 | 834.6 | 914.9 | 971.1 | 1009.8 | 1039.3 | 1055.3 | 1066.0 | 1072.7 | 1076.7 | 1072.7 |
| 137.5° | 817.5 | 903.6 | 980.7 | 1030.7 | 1069.8 | 1095.2 | 1113.4 | 1124.6 | 1131.6 | 1134.8 | 1131.6 |
| 140° | 861.4 | 944.3 | 1019.2 | 1071.4 | 1106.1 | 1131.6 | 1147.6 | 1161.0 | 1169.0 | 1169.0 | 1169.0 |
| 142.5° | 903.1 | 985.0 | 1057.7 | 1109.9 | 1140.4 | 1163.7 | 1180.8 | 1190.9 | 1200.0 | 1200.0 | 1200.0 |
| 145° | 961.7 | 1043.3 | 1110.2 | 1162.3 | 1187.7 | 1209.1 | 1227.9 | 1235.9 | 1241.2 | 1241.2 | 1241.2 |
| 147.5° | 1023.0 | 1095.2 | 1156.2 | 1206.2 | 1227.6 | 1252.7 | 1267.5 | 1273.9 | 1280.6 | 1277.6 | 1280.6 |
| 150° | 1059.3 | 1126.2 | 1185.1 | 1231.9 | 1253.3 | 1277.4 | 1292.1 | 1297.4 | 1304.1 | 1300.1 | 1304.1 |
| 152.5° | 1094.6 | 1158.3 | 1211.8 | 1255.4 | 1273.6 | 1297.7 | 1314.5 | 1319.9 | 1324.4 | 1321.5 | 1324.4 |
| 155° | 1142.3 | 1198.4 | 1247.9 | 1288.1 | 1304.1 | 1326.8 | 1342.9 | 1349.6 | 1354.9 | 1348.2 | 1354.9 |
| 157.5° | 1184.8 | 1233.2 | 1276.3 | 1313.2 | 1330.3 | 1349.9 | 1364.8 | 1373.1 | 1378.5 | 1375.5 | 1378.5 |
| 160° | 1210.5 | 1254.6 | 1293.4 | 1328.2 | 1344.2 | 1361.6 | 1377.7 | 1387.0 | 1392.4 | 1388.4 | 1392.4 |
| 162.5° | 1231.9 | 1271.7 | 1308.4 | 1340.0 | 1353.9 | 1369.1 | 1388.4 | 1396.7 | 1402.0 | 1396.9 | 1402.0 |
| 165° | 1262.6 | 1294.7 | 1326.8 | 1353.6 | 1365.6 | 1377.7 | 1397.7 | 1407.1 | 1411.1 | 1405.8 | 1411.1 |
| 167.5° | 1285.9 | 1310.5 | 1336.5 | 1359.5 | 1368.3 | 1380.1 | 1400.1 | 1407.9 | 1413.0 | 1406.3 | 1413.0 |
| 170° | 1298.8 | 1320.2 | 1342.9 | 1361.6 | 1368.3 | 1379.0 | 1399.1 | 1405.8 | 1409.8 | 1403.1 | 1409.8 |
| 172.5° | 1309.5 | 1325.5 | 1344.0 | 1360.6 | 1364.0 | 1372.6 | 1391.6 | 1398.3 | 1401.2 | 1395.6 | 1401.2 |
| 175° | 1320.2 | 1329.5 | 1342.9 | 1353.6 | 1352.3 | 1357.6 | 1373.7 | 1379.0 | 1384.4 | 1376.3 | 1384.4 |
| 177.5° | 1325.2 | 1329.5 | 1333.8 | 1340.2 | 1335.9 | 1335.9 | 1347.7 | 1350.9 | 1352.0 | 1347.7 | 1352.0 |
| 180° | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 |



TEST NUMBER: P1427757

CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |
| 2.5° | 1054.5 | 1053.6 | 1052.5 | 1054.2 | 1058.7 | 1060.8 | 1055.8 | 1050.8 | 1055.8 | 1060.8 | 1058.7 |
| 5° | 1051.0 | 1049.7 | 1049.0 | 1051.4 | 1056.6 | 1059.0 | 1052.3 | 1045.7 | 1052.3 | 1059.0 | 1056.6 |
| 7.5° | 1043.5 | 1042.0 | 1041.2 | 1043.3 | 1048.4 | 1050.5 | 1043.9 | 1037.3 | 1043.9 | 1050.5 | 1048.4 |
| 10° | 1036.7 | 1035.1 | 1033.8 | 1035.7 | 1041.0 | 1043.3 | 1036.7 | 1030.1 | 1036.7 | 1043.3 | 1041.0 |
| 12.5° | 1027.9 | 1026.5 | 1025.8 | 1027.7 | 1032.5 | 1034.4 | 1027.8 | 1021.2 | 1027.8 | 1034.4 | 1032.5 |
| 15° | 1012.2 | 1010.8 | 1009.8 | 1011.6 | 1016.2 | 1018.0 | 1011.4 | 1004.8 | 1011.4 | 1018.0 | 1016.2 |
| 17.5° | 992.5 | 991.0 | 989.9 | 991.5 | 995.8 | 997.5 | 991.3 | 985.0 | 991.3 | 997.5 | 995.8 |
| 20° | 976.4 | 975.6 | 975.2 | 977.2 | 981.5 | 983.3 | 977.3 | 971.4 | 977.3 | 983.3 | 981.5 |
| 22.5° | 958.1 | 957.9 | 958.6 | 961.0 | 965.1 | 966.6 | 960.6 | 954.7 | 960.6 | 966.6 | 965.1 |
| 25° | 930.3 | 930.5 | 931.4 | 933.8 | 937.4 | 938.6 | 932.7 | 926.7 | 932.7 | 938.6 | 937.4 |
| 27.5° | 900.8 | 900.9 | 901.6 | 903.4 | 906.5 | 907.5 | 902.5 | 897.6 | 902.5 | 907.5 | 906.5 |
| 30° | 878.8 | 878.9 | 879.5 | 881.5 | 884.8 | 886.1 | 881.1 | 876.2 | 881.1 | 886.1 | 884.8 |
| 32.5° | 855.7 | 855.3 | 855.4 | 857.4 | 861.2 | 862.9 | 858.2 | 853.5 | 858.2 | 862.9 | 861.2 |
| 35° | 820.0 | 819.4 | 819.1 | 820.7 | 824.3 | 826.1 | 822.1 | 818.1 | 822.1 | 826.1 | 824.3 |
| 37.5° | 782.0 | 781.7 | 781.8 | 783.5 | 786.9 | 788.7 | 785.6 | 782.6 | 785.6 | 788.7 | 786.9 |
| 40° | 755.3 | 755.2 | 755.5 | 757.5 | 761.1 | 763.0 | 759.7 | 756.4 | 759.7 | 763.0 | 761.1 |
| 42.5° | 729.0 | 728.6 | 728.4 | 729.8 | 733.0 | 734.7 | 732.1 | 729.6 | 732.1 | 734.7 | 733.0 |
| 45° | 686.7 | 686.5 | 686.5 | 688.0 | 691.0 | 692.6 | 690.3 | 688.0 | 690.3 | 692.6 | 691.0 |
| 47.5° | 642.6 | 642.6 | 643.0 | 644.4 | 646.7 | 648.0 | 646.2 | 644.4 | 646.2 | 648.0 | 646.7 |
| 50° | 611.7 | 611.9 | 612.5 | 614.0 | 616.3 | 617.5 | 615.2 | 612.9 | 615.2 | 617.5 | 616.3 |
| 52.5° | 580.7 | 581.1 | 582.1 | 583.7 | 586.0 | 587.1 | 584.5 | 581.9 | 584.5 | 587.1 | 586.0 |
| 55° | 533.4 | 534.3 | 535.6 | 537.2 | 539.2 | 540.0 | 537.0 | 534.0 | 537.0 | 540.0 | 539.2 |
| 57.5° | 484.4 | 485.4 | 487.0 | 488.6 | 490.3 | 490.9 | 488.0 | 485.1 | 488.0 | 490.9 | 490.3 |
| 60° | 451.6 | 452.5 | 453.8 | 455.4 | 457.4 | 458.2 | 455.6 | 453.0 | 455.6 | 458.2 | 457.4 |
| 62.5° | 418.3 | 419.1 | 420.5 | 422.2 | 424.5 | 425.5 | 422.9 | 420.2 | 422.9 | 425.5 | 424.5 |
| 65° | 368.2 | 369.2 | 370.5 | 372.1 | 374.1 | 375.0 | 372.7 | 370.4 | 372.7 | 375.0 | 374.1 |
| 67.5° | 316.1 | 317.4 | 319.3 | 321.2 | 323.1 | 324.1 | 322.1 | 320.1 | 322.1 | 324.1 | 323.1 |
| 70° | 282.6 | 283.9 | 285.5 | 287.2 | 288.8 | 289.6 | 287.6 | 285.6 | 287.6 | 289.6 | 288.8 |
| 72.5° | 248.7 | 249.8 | 251.1 | 252.8 | 254.7 | 255.7 | 254.0 | 252.3 | 254.0 | 255.7 | 254.7 |
| 75° | 197.8 | 199.1 | 200.7 | 202.1 | 203.0 | 203.5 | 202.6 | 201.6 | 202.6 | 203.5 | 203.0 |
| 77.5° | 146.9 | 147.9 | 149.2 | 150.4 | 151.7 | 152.6 | 152.6 | 152.6 | 152.6 | 152.6 | 151.7 |
| 80° | 115.9 | 116.8 | 117.8 | 118.8 | 119.7 | 120.5 | 120.5 | 120.5 | 120.5 | 120.5 | 119.7 |
| 82.5° | 84.1 | 85.0 | 86.6 | 87.8 | 88.8 | 89.7 | 90.2 | 90.7 | 90.2 | 89.7 | 88.8 |
| 85° | 41.6 | 42.6 | 44.0 | 45.1 | 46.1 | 47.0 | 47.7 | 48.3 | 47.7 | 47.0 | 46.1 |
| 87.5° | 15.1 | 15.7 | 16.7 | 17.4 | 17.4 | 17.0 | 16.2 | 15.7 | 16.2 | 16.8 | 17.9 |
| 90° | 28.1 | 26.8 | 26.8 | 25.4 | 21.4 | 16.1 | 9.4 | 4.0 | 9.4 | 14.7 | 24.1 |
| 92.5° | 33.4 | 33.2 | 31.0 | 28.6 | 23.5 | 23.5 | 23.3 | 14.7 | 25.4 | 36.1 | 51.9 |
| 95° | 30.8 | 30.8 | 36.1 | 45.5 | 66.9 | 68.2 | 45.5 | 41.5 | 58.9 | 82.9 | 104.3 |
| 97.5° | 83.2 | 99.0 | 121.4 | 125.7 | 119.0 | 88.8 | 85.1 | 79.2 | 107.8 | 131.6 | 166.1 |
| 100° | 153.8 | 173.9 | 189.9 | 157.8 | 124.4 | 123.1 | 115.0 | 112.4 | 143.1 | 165.9 | 199.3 |
| 102.5° | 240.5 | 246.6 | 191.0 | 172.8 | 165.1 | 159.4 | 147.1 | 145.5 | 176.3 | 207.6 | 235.7 |
| 105° | 260.8 | 234.1 | 235.4 | 235.4 | 230.1 | 219.4 | 196.6 | 195.3 | 230.1 | 266.2 | 300.9 |
| 107.5° | 306.8 | 310.8 | 317.8 | 316.2 | 310.0 | 281.4 | 254.7 | 248.5 | 279.8 | 323.2 | 361.4 |
| 110° | 367.8 | 371.8 | 374.5 | 371.8 | 362.5 | 326.4 | 294.3 | 284.9 | 313.0 | 358.5 | 399.9 |



TEST NUMBER: P1427757

CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 426.7 | 429.6 | 435.5 | 427.5 | 411.7 | 370.2 | 333.9 | 320.2 | 348.3 | 394.8 | 437.4 |
| 115° | 520.3 | 520.3 | 521.6 | 517.6 | 485.5 | 442.7 | 394.6 | 374.5 | 398.6 | 441.4 | 488.2 |
| 117.5° | 612.3 | 613.9 | 608.6 | 597.9 | 560.7 | 510.9 | 456.9 | 424.8 | 443.8 | 489.0 | 537.2 |
| 120° | 670.1 | 672.8 | 667.4 | 651.4 | 615.3 | 559.1 | 497.6 | 460.1 | 474.8 | 519.0 | 567.1 |
| 122.5° | 730.0 | 729.5 | 723.1 | 704.9 | 662.4 | 604.0 | 543.6 | 497.6 | 503.7 | 544.6 | 591.7 |
| 125° | 813.2 | 811.9 | 806.5 | 785.1 | 741.0 | 680.8 | 609.9 | 553.7 | 545.7 | 580.5 | 628.6 |
| 127.5° | 892.4 | 889.5 | 881.2 | 855.2 | 810.0 | 752.0 | 674.1 | 610.5 | 592.5 | 614.5 | 658.6 |
| 130° | 947.0 | 943.0 | 928.3 | 900.2 | 856.0 | 801.2 | 722.3 | 650.0 | 624.6 | 638.0 | 676.8 |
| 132.5° | 999.4 | 987.9 | 975.3 | 945.1 | 904.2 | 847.2 | 767.2 | 691.8 | 656.7 | 662.6 | 692.8 |
| 135° | 1066.0 | 1055.3 | 1039.3 | 1009.8 | 971.1 | 914.9 | 834.6 | 753.0 | 704.9 | 699.5 | 716.9 |
| 137.5° | 1124.6 | 1113.4 | 1095.2 | 1069.8 | 1030.7 | 980.7 | 903.6 | 817.5 | 756.8 | 738.9 | 745.5 |
| 140° | 1161.0 | 1147.6 | 1131.6 | 1106.1 | 1071.4 | 1019.2 | 944.3 | 861.4 | 793.2 | 767.8 | 763.7 |
| 142.5° | 1190.9 | 1180.8 | 1163.7 | 1140.4 | 1109.9 | 1057.7 | 985.0 | 903.1 | 830.6 | 797.7 | 788.3 |
| 145° | 1235.9 | 1227.9 | 1209.1 | 1187.7 | 1162.3 | 1110.2 | 1043.3 | 961.7 | 889.5 | 846.7 | 826.6 |
| 147.5° | 1273.9 | 1267.5 | 1252.7 | 1227.6 | 1206.2 | 1156.2 | 1095.2 | 1023.0 | 948.9 | 895.9 | 869.9 |
| 150° | 1297.4 | 1292.1 | 1277.4 | 1253.3 | 1231.9 | 1185.1 | 1126.2 | 1059.3 | 988.4 | 932.3 | 898.8 |
| 152.5° | 1319.9 | 1314.5 | 1297.7 | 1273.6 | 1255.4 | 1211.8 | 1158.3 | 1094.6 | 1022.7 | 966.5 | 932.0 |
| 155° | 1349.6 | 1342.9 | 1326.8 | 1304.1 | 1288.1 | 1247.9 | 1198.4 | 1142.3 | 1080.7 | 1021.9 | 983.1 |
| 157.5° | 1373.1 | 1364.8 | 1349.9 | 1330.3 | 1313.2 | 1276.3 | 1233.2 | 1184.8 | 1131.0 | 1074.9 | 1035.3 |
| 160° | 1387.0 | 1377.7 | 1361.6 | 1344.2 | 1328.2 | 1293.4 | 1254.6 | 1210.5 | 1161.0 | 1110.2 | 1067.4 |
| 162.5° | 1396.7 | 1388.4 | 1369.1 | 1353.9 | 1340.0 | 1308.4 | 1271.7 | 1231.9 | 1187.7 | 1143.3 | 1103.7 |
| 165° | 1407.1 | 1397.7 | 1377.7 | 1365.6 | 1353.6 | 1326.8 | 1294.7 | 1262.6 | 1225.2 | 1189.1 | 1157.0 |
| 167.5° | 1407.9 | 1400.1 | 1380.1 | 1368.3 | 1359.5 | 1336.5 | 1310.5 | 1285.9 | 1256.8 | 1228.4 | 1201.7 |
| 170° | 1405.8 | 1399.1 | 1379.0 | 1368.3 | 1361.6 | 1342.9 | 1320.2 | 1298.8 | 1276.0 | 1251.9 | 1230.5 |
| 172.5° | 1398.3 | 1391.6 | 1372.6 | 1364.0 | 1360.6 | 1344.0 | 1325.5 | 1309.5 | 1289.9 | 1272.3 | 1255.2 |
| 175° | 1379.0 | 1373.7 | 1357.6 | 1352.3 | 1353.6 | 1342.9 | 1329.5 | 1320.2 | 1308.1 | 1297.4 | 1288.1 |
| 177.5° | 1350.9 | 1347.7 | 1335.9 | 1335.9 | 1340.2 | 1333.8 | 1329.5 | 1325.2 | 1319.9 | 1316.7 | 1313.5 |
| 180° | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 |



TEST NUMBER: P1427757

CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 | 1056.1 |
| 2.5° | 1054.2 | 1052.5 | 1053.6 | 1054.5 | 1055.0 | 1055.6 | 1055.0 | 1054.5 | 1053.6 | 1052.5 | 1054.2 |
| 5° | 1051.4 | 1049.0 | 1049.7 | 1051.0 | 1054.3 | 1057.6 | 1054.3 | 1051.0 | 1049.7 | 1049.0 | 1051.4 |
| 7.5° | 1043.3 | 1041.2 | 1042.0 | 1043.5 | 1046.9 | 1050.3 | 1046.9 | 1043.5 | 1042.0 | 1041.2 | 1043.3 |
| 10° | 1035.7 | 1033.8 | 1035.1 | 1036.7 | 1039.4 | 1042.0 | 1039.4 | 1036.7 | 1035.1 | 1033.8 | 1035.7 |
| 12.5° | 1027.7 | 1025.8 | 1026.5 | 1027.9 | 1030.8 | 1033.7 | 1030.8 | 1027.9 | 1026.5 | 1025.8 | 1027.7 |
| 15° | 1011.6 | 1009.8 | 1010.8 | 1012.2 | 1014.8 | 1017.5 | 1014.8 | 1012.2 | 1010.8 | 1009.8 | 1011.6 |
| 17.5° | 991.5 | 989.9 | 991.0 | 992.5 | 994.8 | 997.1 | 994.8 | 992.5 | 991.0 | 989.9 | 991.5 |
| 20° | 977.2 | 975.2 | 975.6 | 976.4 | 978.7 | 981.0 | 978.7 | 976.4 | 975.6 | 975.2 | 977.2 |
| 22.5° | 961.0 | 958.6 | 957.9 | 958.1 | 960.9 | 963.8 | 960.9 | 958.1 | 957.9 | 958.6 | 961.0 |
| 25° | 933.8 | 931.4 | 930.5 | 930.3 | 932.6 | 934.9 | 932.6 | 930.3 | 930.5 | 931.4 | 933.8 |
| 27.5° | 903.4 | 901.6 | 900.9 | 900.8 | 902.5 | 904.1 | 902.5 | 900.8 | 900.9 | 901.6 | 903.4 |
| 30° | 881.5 | 879.5 | 878.9 | 878.8 | 880.5 | 882.1 | 880.5 | 878.8 | 878.9 | 879.5 | 881.5 |
| 32.5° | 857.4 | 855.4 | 855.3 | 855.7 | 857.6 | 859.5 | 857.6 | 855.7 | 855.3 | 855.4 | 857.4 |
| 35° | 820.7 | 819.1 | 819.4 | 820.0 | 821.7 | 823.3 | 821.7 | 820.0 | 819.4 | 819.1 | 820.7 |
| 37.5° | 783.5 | 781.8 | 781.7 | 782.0 | 783.4 | 784.8 | 783.4 | 782.0 | 781.7 | 781.8 | 783.5 |
| 40° | 757.5 | 755.5 | 755.2 | 755.3 | 757.0 | 758.6 | 757.0 | 755.3 | 755.2 | 755.5 | 757.5 |
| 42.5° | 729.8 | 728.4 | 728.6 | 729.0 | 729.8 | 730.7 | 729.8 | 729.0 | 728.6 | 728.4 | 729.8 |
| 45° | 688.0 | 686.5 | 686.5 | 686.7 | 687.3 | 688.0 | 687.3 | 686.7 | 686.5 | 686.5 | 688.0 |
| 47.5° | 644.4 | 643.0 | 642.6 | 642.6 | 643.6 | 644.7 | 643.6 | 642.6 | 642.6 | 643.0 | 644.4 |
| 50° | 614.0 | 612.5 | 611.9 | 611.7 | 613.0 | 614.3 | 613.0 | 611.7 | 611.9 | 612.5 | 614.0 |
| 52.5° | 583.7 | 582.1 | 581.1 | 580.7 | 581.8 | 582.8 | 581.8 | 580.7 | 581.1 | 582.1 | 583.7 |
| 55° | 537.2 | 535.6 | 534.3 | 533.4 | 534.1 | 534.8 | 534.1 | 533.4 | 534.3 | 535.6 | 537.2 |
| 57.5° | 488.6 | 487.0 | 485.4 | 484.4 | 485.3 | 486.3 | 485.3 | 484.4 | 485.4 | 487.0 | 488.6 |
| 60° | 455.4 | 453.8 | 452.5 | 451.6 | 452.3 | 453.0 | 452.3 | 451.6 | 452.5 | 453.8 | 455.4 |
| 62.5° | 422.2 | 420.5 | 419.1 | 418.3 | 419.0 | 419.6 | 419.0 | 418.3 | 419.1 | 420.5 | 422.2 |
| 65° | 372.1 | 370.5 | 369.2 | 368.2 | 368.6 | 368.9 | 368.6 | 368.2 | 369.2 | 370.5 | 372.1 |
| 67.5° | 321.2 | 319.3 | 317.4 | 316.1 | 316.6 | 317.1 | 316.6 | 316.1 | 317.4 | 319.3 | 321.2 |
| 70° | 287.2 | 285.5 | 283.9 | 282.6 | 282.6 | 282.6 | 282.6 | 282.6 | 283.9 | 285.5 | 287.2 |
| 72.5° | 252.8 | 251.1 | 249.8 | 248.7 | 248.7 | 248.7 | 248.7 | 248.7 | 249.8 | 251.1 | 252.8 |
| 75° | 202.1 | 200.7 | 199.1 | 197.8 | 197.4 | 197.1 | 197.4 | 197.8 | 199.1 | 200.7 | 202.1 |
| 77.5° | 150.4 | 149.2 | 147.9 | 146.9 | 146.5 | 146.1 | 146.5 | 146.9 | 147.9 | 149.2 | 150.4 |
| 80° | 118.8 | 117.8 | 116.8 | 115.9 | 115.2 | 114.5 | 115.2 | 115.9 | 116.8 | 117.8 | 118.8 |
| 82.5° | 87.8 | 86.6 | 85.0 | 84.1 | 84.7 | 85.4 | 84.7 | 84.1 | 85.0 | 86.6 | 87.8 |
| 85° | 45.1 | 44.0 | 42.6 | 41.6 | 41.2 | 40.9 | 41.2 | 41.6 | 42.6 | 44.0 | 45.1 |
| 87.5° | 18.4 | 19.4 | 20.2 | 20.4 | 21.2 | 20.4 | 21.2 | 20.4 | 20.2 | 19.4 | 18.4 |
| 90° | 30.8 | 40.1 | 49.5 | 54.8 | 60.2 | 57.5 | 60.2 | 54.8 | 49.5 | 40.1 | 30.8 |
| 92.5° | 61.8 | 77.6 | 89.1 | 98.7 | 103.0 | 102.5 | 103.0 | 98.7 | 89.1 | 77.6 | 61.8 |
| 95° | 124.4 | 143.1 | 161.8 | 175.2 | 183.2 | 180.6 | 183.2 | 175.2 | 161.8 | 143.1 | 124.4 |
| 97.5° | 191.8 | 216.9 | 237.8 | 250.4 | 258.4 | 263.8 | 258.4 | 250.4 | 237.8 | 216.9 | 191.8 |
| 100° | 236.7 | 260.8 | 284.9 | 299.6 | 313.0 | 318.3 | 313.0 | 299.6 | 284.9 | 260.8 | 236.7 |
| 102.5° | 273.1 | 304.7 | 330.9 | 346.7 | 357.9 | 363.3 | 357.9 | 346.7 | 330.9 | 304.7 | 273.1 |
| 105° | 333.0 | 366.5 | 394.6 | 414.6 | 426.7 | 430.7 | 426.7 | 414.6 | 394.6 | 366.5 | 333.0 |
| 107.5° | 393.0 | 427.5 | 453.4 | 475.6 | 490.3 | 498.9 | 490.3 | 475.6 | 453.4 | 427.5 | 393.0 |
| 110° | 440.1 | 468.1 | 496.2 | 516.3 | 531.0 | 536.4 | 531.0 | 516.3 | 496.2 | 468.1 | 440.1 |



TEST NUMBER: P1427757

CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 479.6 | 510.9 | 539.0 | 559.1 | 575.9 | 583.4 | 575.9 | 559.1 | 539.0 | 510.9 | 479.6 |
| 115° | 535.0 | 576.5 | 601.9 | 620.6 | 632.7 | 639.3 | 632.7 | 620.6 | 601.9 | 576.5 | 535.0 |
| 117.5° | 581.0 | 624.4 | 652.2 | 666.6 | 672.3 | 677.1 | 672.3 | 666.6 | 652.2 | 624.4 | 581.0 |
| 120° | 609.9 | 650.0 | 682.1 | 700.9 | 707.6 | 710.2 | 707.6 | 700.9 | 682.1 | 650.0 | 609.9 |
| 122.5° | 636.7 | 674.7 | 705.7 | 728.7 | 739.7 | 742.3 | 739.7 | 728.7 | 705.7 | 674.7 | 636.7 |
| 125° | 674.1 | 710.2 | 742.3 | 765.1 | 777.1 | 783.8 | 777.1 | 765.1 | 742.3 | 710.2 | 674.1 |
| 127.5° | 706.8 | 745.8 | 775.2 | 795.8 | 807.6 | 813.0 | 807.6 | 795.8 | 775.2 | 745.8 | 706.8 |
| 130° | 724.9 | 765.1 | 794.5 | 817.2 | 827.9 | 833.3 | 827.9 | 817.2 | 794.5 | 765.1 | 724.9 |
| 132.5° | 738.9 | 781.1 | 811.6 | 832.2 | 844.0 | 849.3 | 844.0 | 832.2 | 811.6 | 781.1 | 738.9 |
| 135° | 755.7 | 799.9 | 832.0 | 852.0 | 862.7 | 868.1 | 862.7 | 852.0 | 832.0 | 799.9 | 755.7 |
| 137.5° | 770.4 | 810.6 | 844.0 | 865.1 | 874.8 | 878.2 | 874.8 | 865.1 | 844.0 | 810.6 | 770.4 |
| 140° | 781.1 | 815.9 | 849.3 | 869.4 | 880.1 | 881.4 | 880.1 | 869.4 | 849.3 | 815.9 | 781.1 |
| 142.5° | 795.0 | 822.3 | 851.5 | 871.5 | 882.2 | 884.7 | 882.2 | 871.5 | 851.5 | 822.3 | 795.0 |
| 145° | 819.9 | 836.0 | 856.0 | 874.8 | 884.1 | 886.8 | 884.1 | 874.8 | 856.0 | 836.0 | 819.9 |
| 147.5° | 851.2 | 856.3 | 866.7 | 879.0 | 888.1 | 890.0 | 888.1 | 879.0 | 866.7 | 856.3 | 851.2 |
| 150° | 874.8 | 873.4 | 877.4 | 885.5 | 893.5 | 892.1 | 893.5 | 885.5 | 877.4 | 873.4 | 874.8 |
| 152.5° | 901.5 | 893.7 | 893.5 | 897.2 | 901.0 | 900.7 | 901.0 | 897.2 | 893.5 | 893.7 | 901.5 |
| 155° | 947.0 | 932.3 | 924.2 | 921.6 | 921.6 | 920.2 | 921.6 | 921.6 | 924.2 | 932.3 | 947.0 |
| 157.5° | 997.0 | 976.4 | 964.4 | 957.9 | 956.1 | 953.1 | 956.1 | 957.9 | 964.4 | 976.4 | 997.0 |
| 160° | 1031.2 | 1008.5 | 996.5 | 985.8 | 981.8 | 977.7 | 981.8 | 985.8 | 996.5 | 1008.5 | 1031.2 |
| 162.5° | 1063.3 | 1041.7 | 1028.6 | 1018.9 | 1014.9 | 1008.8 | 1014.9 | 1018.9 | 1028.6 | 1041.7 | 1063.3 |
| 165° | 1115.5 | 1092.8 | 1078.1 | 1070.0 | 1064.7 | 1059.3 | 1064.7 | 1070.0 | 1078.1 | 1092.8 | 1115.5 |
| 167.5° | 1167.7 | 1142.8 | 1133.2 | 1124.1 | 1119.0 | 1109.4 | 1119.0 | 1124.1 | 1133.2 | 1142.8 | 1167.7 |
| 170° | 1199.8 | 1177.0 | 1171.7 | 1163.7 | 1154.3 | 1143.6 | 1154.3 | 1163.7 | 1171.7 | 1177.0 | 1199.8 |
| 172.5° | 1227.6 | 1212.4 | 1207.0 | 1199.0 | 1196.0 | 1187.5 | 1196.0 | 1199.0 | 1207.0 | 1212.4 | 1227.6 |
| 175° | 1268.0 | 1256.0 | 1256.0 | 1254.6 | 1250.6 | 1242.6 | 1250.6 | 1254.6 | 1256.0 | 1256.0 | 1268.0 |
| 177.5° | 1301.7 | 1295.3 | 1299.6 | 1299.6 | 1298.5 | 1291.0 | 1298.5 | 1299.6 | 1299.6 | 1295.3 | 1301.7 |
| 180° | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 | 1324.2 |



TEST NUMBER: P1427757

CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 1056.1 | 1056.1 | 1056.1 | 1056.1 |
| 2.5° | 1058.7 | 1060.8 | 1055.8 | 1050.8 |
| 5° | 1056.6 | 1059.0 | 1052.3 | 1045.7 |
| 7.5° | 1048.4 | 1050.5 | 1043.9 | 1037.3 |
| 10° | 1041.0 | 1043.3 | 1036.7 | 1030.1 |
| 12.5° | 1032.5 | 1034.4 | 1027.8 | 1021.2 |
| 15° | 1016.2 | 1018.0 | 1011.4 | 1004.8 |
| 17.5° | 995.8 | 997.5 | 991.3 | 985.0 |
| 20° | 981.5 | 983.3 | 977.3 | 971.4 |
| 22.5° | 965.1 | 966.6 | 960.6 | 954.7 |
| 25° | 937.4 | 938.6 | 932.7 | 926.7 |
| 27.5° | 906.5 | 907.5 | 902.5 | 897.6 |
| 30° | 884.8 | 886.1 | 881.1 | 876.2 |
| 32.5° | 861.2 | 862.9 | 858.2 | 853.5 |
| 35° | 824.3 | 826.1 | 822.1 | 818.1 |
| 37.5° | 786.9 | 788.7 | 785.6 | 782.6 |
| 40° | 761.1 | 763.0 | 759.7 | 756.4 |
| 42.5° | 733.0 | 734.7 | 732.1 | 729.6 |
| 45° | 691.0 | 692.6 | 690.3 | 688.0 |
| 47.5° | 646.7 | 648.0 | 646.2 | 644.4 |
| 50° | 616.3 | 617.5 | 615.2 | 612.9 |
| 52.5° | 586.0 | 587.1 | 584.5 | 581.9 |
| 55° | 539.2 | 540.0 | 537.0 | 534.0 |
| 57.5° | 490.3 | 490.9 | 488.0 | 485.1 |
| 60° | 457.4 | 458.2 | 455.6 | 453.0 |
| 62.5° | 424.5 | 425.5 | 422.9 | 420.2 |
| 65° | 374.1 | 375.0 | 372.7 | 370.4 |
| 67.5° | 323.1 | 324.1 | 322.1 | 320.1 |
| 70° | 288.8 | 289.6 | 287.6 | 285.6 |
| 72.5° | 254.7 | 255.7 | 254.0 | 252.3 |
| 75° | 203.0 | 203.5 | 202.6 | 201.6 |
| 77.5° | 151.7 | 152.6 | 152.6 | 152.6 |
| 80° | 119.7 | 120.5 | 120.5 | 120.5 |
| 82.5° | 88.8 | 89.7 | 90.2 | 90.7 |
| 85° | 46.1 | 47.0 | 47.7 | 48.3 |
| 87.5° | 17.9 | 16.8 | 16.2 | 15.7 |
| 90° | 24.1 | 14.7 | 9.4 | 4.0 |
| 92.5° | 51.9 | 36.1 | 25.4 | 14.7 |
| 95° | 104.3 | 82.9 | 58.9 | 41.5 |
| 97.5° | 166.1 | 131.6 | 107.8 | 79.2 |
| 100° | 199.3 | 165.9 | 143.1 | 112.4 |
| 102.5° | 235.7 | 207.6 | 176.3 | 145.5 |
| 105° | 300.9 | 266.2 | 230.1 | 195.3 |
| 107.5° | 361.4 | 323.2 | 279.8 | 248.5 |
| 110° | 399.9 | 358.5 | 313.0 | 284.9 |

TEST NUMBER: P1427757

CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 437.4 | 394.8 | 348.3 | 320.2 |
| 115° | 488.2 | 441.4 | 398.6 | 374.5 |
| 117.5° | 537.2 | 489.0 | 443.8 | 424.8 |
| 120° | 567.1 | 519.0 | 474.8 | 460.1 |
| 122.5° | 591.7 | 544.6 | 503.7 | 497.6 |
| 125° | 628.6 | 580.5 | 545.7 | 553.7 |
| 127.5° | 658.6 | 614.5 | 592.5 | 610.5 |
| 130° | 676.8 | 638.0 | 624.6 | 650.0 |
| 132.5° | 692.8 | 662.6 | 656.7 | 691.8 |
| 135° | 716.9 | 699.5 | 704.9 | 753.0 |
| 137.5° | 745.5 | 738.9 | 756.8 | 817.5 |
| 140° | 763.7 | 767.8 | 793.2 | 861.4 |
| 142.5° | 788.3 | 797.7 | 830.6 | 903.1 |
| 145° | 826.6 | 846.7 | 889.5 | 961.7 |
| 147.5° | 869.9 | 895.9 | 948.9 | 1023.0 |
| 150° | 898.8 | 932.3 | 988.4 | 1059.3 |
| 152.5° | 932.0 | 966.5 | 1022.7 | 1094.6 |
| 155° | 983.1 | 1021.9 | 1080.7 | 1142.3 |
| 157.5° | 1035.3 | 1074.9 | 1131.0 | 1184.8 |
| 160° | 1067.4 | 1110.2 | 1161.0 | 1210.5 |
| 162.5° | 1103.7 | 1143.3 | 1187.7 | 1231.9 |
| 165° | 1157.0 | 1189.1 | 1225.2 | 1262.6 |
| 167.5° | 1201.7 | 1228.4 | 1256.8 | 1285.9 |
| 170° | 1230.5 | 1251.9 | 1276.0 | 1298.8 |
| 172.5° | 1255.2 | 1272.3 | 1289.9 | 1309.5 |
| 175° | 1288.1 | 1297.4 | 1308.1 | 1320.2 |
| 177.5° | 1313.5 | 1316.7 | 1319.9 | 1325.2 |
| 180° | 1324.2 | 1324.2 | 1324.2 | 1324.2 |



TEST NUMBER: P1427757
 CATALOG NUMBER: SQ2W-F-K-100U-075D-L935-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 | 17.09 | 17.90 | 18.09 | 18.92 | 20.28 | 17.00 | 17.82 | 18.01 | 18.84 | 20.20 |
| | 3H | 18.87 | 19.60 | 19.89 | 20.63 | 22.01 | 18.77 | 19.50 | 19.79 | 20.53 | 21.91 |
| | 4H | 19.57 | 20.26 | 20.60 | 21.29 | 22.68 | 19.45 | 20.14 | 20.48 | 21.18 | 22.56 |
| | 6H | 20.00 | 20.64 | 21.04 | 21.68 | 23.08 | 19.86 | 20.50 | 20.90 | 21.53 | 22.93 |
| | 8H | 20.16 | 20.77 | 21.21 | 21.82 | 23.22 | 20.00 | 20.61 | 21.05 | 21.66 | 23.06 |
| | 12H | 20.24 | 20.82 | 21.29 | 21.87 | 23.29 | 20.07 | 20.64 | 21.12 | 21.69 | 23.11 |
| 4H | 2H | 17.66 | 18.35 | 18.70 | 19.39 | 20.77 | 17.59 | 18.29 | 18.63 | 19.32 | 20.71 |
| | 3H | 19.68 | 20.26 | 20.72 | 21.32 | 22.72 | 19.58 | 20.16 | 20.63 | 21.22 | 22.62 |
| | 4H | 20.49 | 21.02 | 21.54 | 22.07 | 23.49 | 20.38 | 20.91 | 21.43 | 21.96 | 23.38 |
| | 6H | 21.04 | 21.50 | 22.10 | 22.57 | 23.99 | 20.90 | 21.36 | 21.96 | 22.43 | 23.85 |
| | 8H | 21.25 | 21.68 | 22.32 | 22.75 | 24.18 | 21.09 | 21.52 | 22.16 | 22.59 | 24.02 |
| | 12H | 21.36 | 21.75 | 22.45 | 22.83 | 24.27 | 21.18 | 21.56 | 22.26 | 22.65 | 24.09 |
| 8H | 4H | 20.73 | 21.16 | 21.79 | 22.22 | 23.66 | 20.63 | 21.06 | 21.70 | 22.13 | 23.56 |
| | 6H | 21.42 | 21.77 | 22.50 | 22.88 | 24.31 | 21.29 | 21.64 | 22.37 | 22.75 | 24.18 |
| | 8H | 21.72 | 22.03 | 22.82 | 23.12 | 24.57 | 21.57 | 21.88 | 22.66 | 22.97 | 24.42 |
| | 12H | 21.90 | 22.18 | 23.00 | 23.26 | 24.75 | 21.71 | 21.98 | 22.81 | 23.07 | 24.56 |
| 12H | 4H | 20.72 | 21.11 | 21.80 | 22.19 | 23.63 | 20.63 | 21.02 | 21.71 | 22.10 | 23.54 |
| | 6H | 21.47 | 21.78 | 22.56 | 22.87 | 24.32 | 21.34 | 21.65 | 22.44 | 22.74 | 24.19 |
| | 8H | 21.80 | 22.07 | 22.90 | 23.16 | 24.65 | 21.65 | 21.92 | 22.75 | 23.01 | 24.50 |