

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: P1427709

Luminaire Tested: SQ2W-F-K-050U-075D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1427709
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-050U-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 500 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

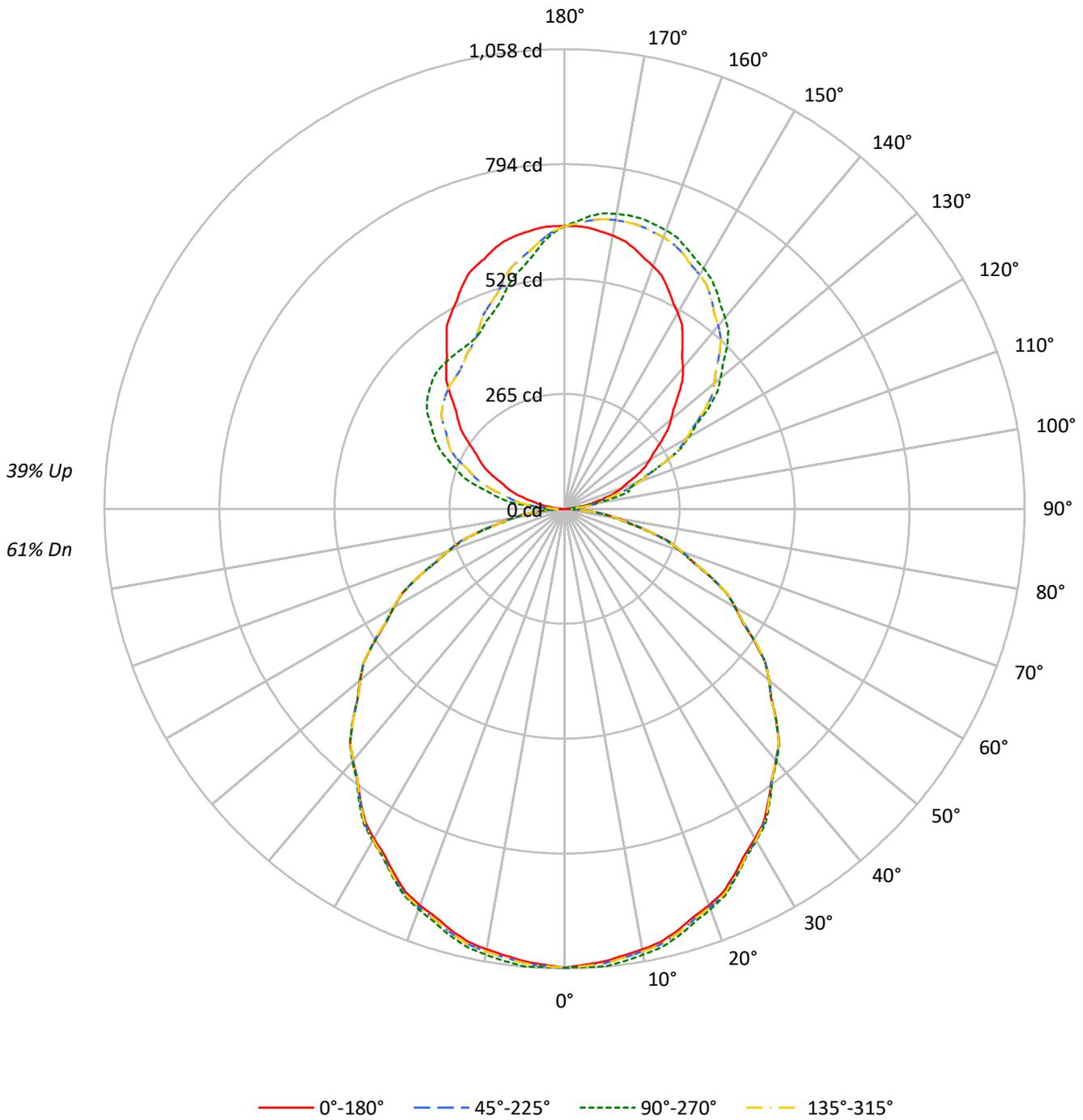
Lumens per Lamp: N/A
Luminaire Lumens: 4875.7 lumens
Efficiency: N/A
Efficacy: 117.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 41.6
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: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-075D-L935-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-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 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 89 | 89 | 89 | 77 | 77 | 77 | 66 | 66 | 66 | 66 | 66 | 66 | 61 | |
| 1 | 100 | 96 | 92 | 88 | 93 | 90 | 86 | 83 | 78 | 76 | 73 | 68 | 66 | 64 | 58 | 57 | 56 | 56 | 56 | 56 | 51 | |
| 2 | 91 | 83 | 77 | 71 | 85 | 78 | 72 | 68 | 68 | 64 | 60 | 59 | 56 | 53 | 51 | 49 | 46 | 46 | 46 | 46 | 42 | |
| 3 | 83 | 73 | 65 | 59 | 77 | 69 | 62 | 56 | 60 | 55 | 50 | 52 | 48 | 45 | 45 | 42 | 39 | 39 | 39 | 39 | 36 | |
| 4 | 76 | 65 | 56 | 50 | 70 | 61 | 53 | 48 | 53 | 47 | 43 | 46 | 42 | 38 | 40 | 37 | 34 | 34 | 34 | 34 | 30 | |
| 5 | 69 | 57 | 49 | 43 | 65 | 54 | 47 | 41 | 48 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 29 | 29 | 29 | 26 | |
| 6 | 64 | 52 | 43 | 37 | 60 | 49 | 41 | 35 | 43 | 37 | 32 | 38 | 33 | 29 | 33 | 29 | 26 | 26 | 26 | 26 | 23 | |
| 7 | 59 | 47 | 38 | 33 | 55 | 44 | 36 | 31 | 39 | 33 | 28 | 34 | 29 | 26 | 30 | 26 | 23 | 23 | 23 | 23 | 20 | |
| 8 | 55 | 42 | 34 | 29 | 51 | 40 | 33 | 28 | 35 | 29 | 25 | 31 | 26 | 23 | 27 | 23 | 20 | 20 | 20 | 20 | 18 | |
| 9 | 51 | 39 | 31 | 26 | 48 | 37 | 29 | 25 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 18 | 18 | 18 | 16 | |
| 10 | 48 | 35 | 28 | 23 | 45 | 34 | 27 | 22 | 30 | 24 | 20 | 27 | 22 | 18 | 23 | 19 | 17 | 17 | 17 | 17 | 15 | |

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 | 2.0 |
| 10°-20° | 285.5 | 5.9 |
| 20°-30° | 429.8 | 8.8 |
| 30°-40° | 514.0 | 10.5 |
| 40°-50° | 530.7 | 10.9 |
| 50°-60° | 478.7 | 9.8 |
| 60°-70° | 366.7 | 7.5 |
| 70°-80° | 211.9 | 4.3 |
| 80°-90° | 57.7 | 1.2 |
| 90°-100° | 51.8 | 1.1 |
| 100°-110° | 151.1 | 3.1 |
| 110°-120° | 246.5 | 5.1 |
| 120°-130° | 312.9 | 6.4 |
| 130°-140° | 334.8 | 6.9 |
| 140°-150° | 312.6 | 6.4 |
| 150°-160° | 257.2 | 5.3 |
| 160°-170° | 172.5 | 3.5 |
| 170°-180° | 61.3 | 1.3 |
| 0°-30° | 815.3 | 16.7 |
| 0°-40° | 1329.3 | 27.3 |
| 0°-60° | 2338.7 | 48.0 |
| 0°-90° | 2975.1 | 61.0 |
| 90°-120° | 449.4 | 9.2 |
| 90°-150° | 1409.7 | 28.9 |
| 90°-180° | 1901.0 | 39.0 |
| 0°-180° | 4875.7 | 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° | 2 | 14 | 2 | 28 | 2 | 4 |
| 95° | 20 | 15 | 20 | 89 | 20 | 25 |
| 105° | 96 | 154 | 96 | 212 | 96 | 102 |
| 115° | 184 | 255 | 184 | 314 | 184 | 181 |
| 125° | 272 | 404 | 272 | 385 | 272 | 244 |
| 135° | 370 | 529 | 370 | 427 | 370 | 286 |
| 145° | 473 | 610 | 473 | 436 | 473 | 296 |
| 155° | 562 | 663 | 562 | 452 | 562 | 258 |
| 165° | 621 | 691 | 621 | 521 | 621 | 175 |
| 175° | 649 | 677 | 649 | 611 | 649 | 62 |
| 180° | 651 | 651 | 651 | 651 | 651 | |



TEST NUMBER: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-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° | 15.3 | 15.3 | 15.4 | 15.2 | 14.8 | 14.0 | 12.9 | 12.2 | 12.1 | 11.8 | 12.1 |
| 90° | 2.0 | 4.6 | 7.9 | 10.5 | 12.5 | 13.2 | 13.2 | 13.8 | 14.5 | 14.5 | 14.5 |
| 92.5° | 7.2 | 11.4 | 11.6 | 11.6 | 14.1 | 15.3 | 16.3 | 16.4 | 17.1 | 17.1 | 17.1 |
| 95° | 20.4 | 22.4 | 33.5 | 32.9 | 22.4 | 17.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 |
| 97.5° | 38.9 | 41.8 | 43.7 | 58.5 | 61.8 | 59.7 | 48.7 | 40.9 | 36.6 | 34.6 | 36.6 |
| 100° | 55.2 | 56.5 | 60.5 | 61.1 | 77.6 | 93.4 | 85.5 | 75.6 | 72.3 | 70.4 | 72.3 |
| 102.5° | 71.5 | 72.3 | 78.4 | 81.1 | 85.0 | 93.9 | 121.2 | 118.2 | 116.0 | 115.6 | 116.0 |
| 105° | 96.0 | 96.7 | 107.8 | 113.1 | 115.7 | 115.7 | 115.1 | 128.2 | 149.3 | 153.9 | 149.3 |
| 107.5° | 122.2 | 125.2 | 138.3 | 152.4 | 155.4 | 156.2 | 152.8 | 150.8 | 150.0 | 150.6 | 150.0 |
| 110° | 140.1 | 144.7 | 160.4 | 178.2 | 182.8 | 184.1 | 182.8 | 180.8 | 179.5 | 179.5 | 179.5 |



TEST NUMBER: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 157.4 | 164.1 | 182.0 | 202.4 | 210.1 | 214.1 | 211.2 | 209.8 | 208.4 | 209.5 | 208.4 |
| 115° | 184.1 | 194.0 | 217.6 | 238.7 | 254.5 | 256.4 | 255.8 | 255.8 | 255.1 | 255.1 | 255.1 |
| 117.5° | 208.8 | 224.6 | 251.2 | 275.6 | 293.9 | 299.2 | 301.8 | 301.0 | 300.2 | 301.5 | 300.2 |
| 120° | 226.2 | 244.6 | 274.8 | 302.5 | 320.2 | 328.1 | 330.7 | 329.4 | 330.7 | 329.4 | 330.7 |
| 122.5° | 244.6 | 267.2 | 296.9 | 325.6 | 346.5 | 355.5 | 358.6 | 358.9 | 359.1 | 358.4 | 359.1 |
| 125° | 272.2 | 299.8 | 334.7 | 364.3 | 386.0 | 396.5 | 399.1 | 399.8 | 401.1 | 404.4 | 401.1 |
| 127.5° | 300.1 | 331.4 | 369.7 | 398.2 | 420.4 | 433.2 | 437.3 | 438.7 | 441.5 | 442.9 | 441.5 |
| 130° | 319.6 | 355.1 | 393.9 | 420.8 | 442.5 | 456.3 | 463.6 | 465.5 | 468.8 | 468.2 | 468.8 |
| 132.5° | 340.1 | 377.2 | 416.5 | 444.5 | 464.6 | 479.5 | 485.6 | 491.3 | 492.5 | 493.4 | 492.5 |
| 135° | 370.2 | 410.3 | 449.7 | 477.4 | 496.4 | 510.9 | 518.8 | 524.0 | 527.3 | 529.3 | 527.3 |
| 137.5° | 401.9 | 444.2 | 482.1 | 506.7 | 525.9 | 538.4 | 547.3 | 552.8 | 556.3 | 557.8 | 556.3 |
| 140° | 423.4 | 464.2 | 501.0 | 526.7 | 543.8 | 556.3 | 564.2 | 570.7 | 574.7 | 574.7 | 574.7 |
| 142.5° | 444.0 | 484.2 | 520.0 | 545.6 | 560.6 | 572.0 | 580.5 | 585.5 | 589.9 | 589.9 | 589.9 |
| 145° | 472.8 | 512.9 | 545.7 | 571.4 | 583.9 | 594.4 | 603.6 | 607.6 | 610.2 | 610.2 | 610.2 |
| 147.5° | 502.9 | 538.4 | 568.4 | 593.0 | 603.5 | 615.8 | 623.1 | 626.2 | 629.5 | 628.1 | 629.5 |
| 150° | 520.8 | 553.6 | 582.6 | 605.6 | 616.1 | 627.9 | 635.2 | 637.8 | 641.1 | 639.1 | 641.1 |
| 152.5° | 538.1 | 569.4 | 595.7 | 617.2 | 626.1 | 637.9 | 646.2 | 648.8 | 651.1 | 649.6 | 651.1 |
| 155° | 561.5 | 589.1 | 613.5 | 633.2 | 641.1 | 652.3 | 660.2 | 663.4 | 666.1 | 662.8 | 666.1 |
| 157.5° | 582.4 | 606.2 | 627.4 | 645.6 | 654.0 | 663.6 | 670.9 | 675.0 | 677.6 | 676.2 | 677.6 |
| 160° | 595.1 | 616.8 | 635.8 | 652.9 | 660.8 | 669.4 | 677.3 | 681.9 | 684.5 | 682.5 | 684.5 |
| 162.5° | 605.6 | 625.2 | 643.2 | 658.7 | 665.5 | 673.0 | 682.5 | 686.6 | 689.2 | 686.7 | 689.2 |
| 165° | 620.7 | 636.5 | 652.3 | 665.4 | 671.3 | 677.3 | 687.1 | 691.7 | 693.7 | 691.1 | 693.7 |
| 167.5° | 632.1 | 644.2 | 657.0 | 668.3 | 672.6 | 678.4 | 688.3 | 692.1 | 694.6 | 691.3 | 694.6 |
| 170° | 638.5 | 649.0 | 660.2 | 669.4 | 672.6 | 677.9 | 687.8 | 691.1 | 693.0 | 689.7 | 693.0 |
| 172.5° | 643.7 | 651.6 | 660.7 | 668.8 | 670.5 | 674.8 | 684.1 | 687.4 | 688.8 | 686.1 | 688.8 |
| 175° | 649.0 | 653.6 | 660.2 | 665.4 | 664.8 | 667.4 | 675.3 | 677.9 | 680.5 | 676.6 | 680.5 |
| 177.5° | 651.5 | 653.6 | 655.7 | 658.8 | 656.7 | 656.7 | 662.5 | 664.1 | 664.6 | 662.5 | 664.6 |
| 180° | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 |



TEST NUMBER: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-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° | 12.2 | 12.9 | 14.0 | 14.8 | 15.2 | 15.4 | 15.3 | 15.3 | 15.3 | 15.3 | 15.5 |
| 90° | 13.8 | 13.2 | 13.2 | 12.5 | 10.5 | 7.9 | 4.6 | 2.0 | 4.6 | 7.2 | 11.8 |
| 92.5° | 16.4 | 16.3 | 15.3 | 14.1 | 11.6 | 11.6 | 11.4 | 7.2 | 12.5 | 17.8 | 25.5 |
| 95° | 15.1 | 15.1 | 17.8 | 22.4 | 32.9 | 33.5 | 22.4 | 20.4 | 28.9 | 40.8 | 51.3 |
| 97.5° | 40.9 | 48.7 | 59.7 | 61.8 | 58.5 | 43.7 | 41.8 | 38.9 | 53.0 | 64.7 | 81.7 |
| 100° | 75.6 | 85.5 | 93.4 | 77.6 | 61.1 | 60.5 | 56.5 | 55.2 | 70.4 | 81.5 | 98.0 |
| 102.5° | 118.2 | 121.2 | 93.9 | 85.0 | 81.1 | 78.4 | 72.3 | 71.5 | 86.7 | 102.0 | 115.9 |
| 105° | 128.2 | 115.1 | 115.7 | 115.7 | 113.1 | 107.8 | 96.7 | 96.0 | 113.1 | 130.8 | 147.9 |
| 107.5° | 150.8 | 152.8 | 156.2 | 155.4 | 152.4 | 138.3 | 125.2 | 122.2 | 137.6 | 158.9 | 177.7 |
| 110° | 180.8 | 182.8 | 184.1 | 182.8 | 178.2 | 160.4 | 144.7 | 140.1 | 153.9 | 176.2 | 196.6 |



TEST NUMBER: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 209.8 | 211.2 | 214.1 | 210.1 | 202.4 | 182.0 | 164.1 | 157.4 | 171.2 | 194.1 | 215.0 |
| 115° | 255.8 | 255.8 | 256.4 | 254.5 | 238.7 | 217.6 | 194.0 | 184.1 | 195.9 | 217.0 | 240.0 |
| 117.5° | 301.0 | 301.8 | 299.2 | 293.9 | 275.6 | 251.2 | 224.6 | 208.8 | 218.2 | 240.4 | 264.1 |
| 120° | 329.4 | 330.7 | 328.1 | 320.2 | 302.5 | 274.8 | 244.6 | 226.2 | 233.4 | 255.1 | 278.8 |
| 122.5° | 358.9 | 358.6 | 355.5 | 346.5 | 325.6 | 296.9 | 267.2 | 244.6 | 247.6 | 267.7 | 290.9 |
| 125° | 399.8 | 399.1 | 396.5 | 386.0 | 364.3 | 334.7 | 299.8 | 272.2 | 268.3 | 285.4 | 309.0 |
| 127.5° | 438.7 | 437.3 | 433.2 | 420.4 | 398.2 | 369.7 | 331.4 | 300.1 | 291.3 | 302.1 | 323.8 |
| 130° | 465.5 | 463.6 | 456.3 | 442.5 | 420.8 | 393.9 | 355.1 | 319.6 | 307.1 | 313.6 | 332.7 |
| 132.5° | 491.3 | 485.6 | 479.5 | 464.6 | 444.5 | 416.5 | 377.2 | 340.1 | 322.8 | 325.7 | 340.6 |
| 135° | 524.0 | 518.8 | 510.9 | 496.4 | 477.4 | 449.7 | 410.3 | 370.2 | 346.5 | 343.9 | 352.4 |
| 137.5° | 552.8 | 547.3 | 538.4 | 525.9 | 506.7 | 482.1 | 444.2 | 401.9 | 372.0 | 363.2 | 366.5 |
| 140° | 570.7 | 564.2 | 556.3 | 543.8 | 526.7 | 501.0 | 464.2 | 423.4 | 389.9 | 377.4 | 375.4 |
| 142.5° | 585.5 | 580.5 | 572.0 | 560.6 | 545.6 | 520.0 | 484.2 | 444.0 | 408.3 | 392.1 | 387.5 |
| 145° | 607.6 | 603.6 | 594.4 | 583.9 | 571.4 | 545.7 | 512.9 | 472.8 | 437.3 | 416.2 | 406.4 |
| 147.5° | 626.2 | 623.1 | 615.8 | 603.5 | 593.0 | 568.4 | 538.4 | 502.9 | 466.4 | 440.4 | 427.7 |
| 150° | 637.8 | 635.2 | 627.9 | 616.1 | 605.6 | 582.6 | 553.6 | 520.8 | 485.9 | 458.3 | 441.9 |
| 152.5° | 648.8 | 646.2 | 637.9 | 626.1 | 617.2 | 595.7 | 569.4 | 538.1 | 502.7 | 475.1 | 458.2 |
| 155° | 663.4 | 660.2 | 652.3 | 641.1 | 633.2 | 613.5 | 589.1 | 561.5 | 531.3 | 502.3 | 483.3 |
| 157.5° | 675.0 | 670.9 | 663.6 | 654.0 | 645.6 | 627.4 | 606.2 | 582.4 | 556.0 | 528.4 | 508.9 |
| 160° | 681.9 | 677.3 | 669.4 | 660.8 | 652.9 | 635.8 | 616.8 | 595.1 | 570.7 | 545.7 | 524.7 |
| 162.5° | 686.6 | 682.5 | 673.0 | 665.5 | 658.7 | 643.2 | 625.2 | 605.6 | 583.9 | 562.1 | 542.6 |
| 165° | 691.7 | 687.1 | 677.3 | 671.3 | 665.4 | 652.3 | 636.5 | 620.7 | 602.3 | 584.5 | 568.8 |
| 167.5° | 692.1 | 688.3 | 678.4 | 672.6 | 668.3 | 657.0 | 644.2 | 632.1 | 617.8 | 603.9 | 590.7 |
| 170° | 691.1 | 687.8 | 677.9 | 672.6 | 669.4 | 660.2 | 649.0 | 638.5 | 627.3 | 615.4 | 604.9 |
| 172.5° | 687.4 | 684.1 | 674.8 | 670.5 | 668.8 | 660.7 | 651.6 | 643.7 | 634.1 | 625.4 | 617.0 |
| 175° | 677.9 | 675.3 | 667.4 | 664.8 | 665.4 | 660.2 | 653.6 | 649.0 | 643.1 | 637.8 | 633.2 |
| 177.5° | 664.1 | 662.5 | 656.7 | 656.7 | 658.8 | 655.7 | 653.6 | 651.5 | 648.8 | 647.3 | 645.7 |
| 180° | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 |



TEST NUMBER: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-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° | 15.3 | 15.3 | 15.2 | 14.8 | 15.1 | 14.6 | 15.1 | 14.8 | 15.2 | 15.3 | 15.3 |
| 90° | 15.1 | 19.7 | 24.3 | 27.0 | 29.6 | 28.3 | 29.6 | 27.0 | 24.3 | 19.7 | 15.1 |
| 92.5° | 30.4 | 38.1 | 43.8 | 48.5 | 50.6 | 50.4 | 50.6 | 48.5 | 43.8 | 38.1 | 30.4 |
| 95° | 61.1 | 70.4 | 79.6 | 86.1 | 90.1 | 88.8 | 90.1 | 86.1 | 79.6 | 70.4 | 61.1 |
| 97.5° | 94.3 | 106.7 | 116.9 | 123.1 | 127.0 | 129.7 | 127.0 | 123.1 | 116.9 | 106.7 | 94.3 |
| 100° | 116.4 | 128.2 | 140.1 | 147.3 | 153.9 | 156.5 | 153.9 | 147.3 | 140.1 | 128.2 | 116.4 |
| 102.5° | 134.3 | 149.8 | 162.7 | 170.4 | 176.0 | 178.6 | 176.0 | 170.4 | 162.7 | 149.8 | 134.3 |
| 105° | 163.7 | 180.2 | 194.0 | 203.8 | 209.8 | 211.7 | 209.8 | 203.8 | 194.0 | 180.2 | 163.7 |
| 107.5° | 193.2 | 210.1 | 222.9 | 233.8 | 241.0 | 245.3 | 241.0 | 233.8 | 222.9 | 210.1 | 193.2 |
| 110° | 216.3 | 230.1 | 243.9 | 253.8 | 261.0 | 263.7 | 261.0 | 253.8 | 243.9 | 230.1 | 216.3 |



TEST NUMBER: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 235.8 | 251.2 | 265.0 | 274.8 | 283.1 | 286.8 | 283.1 | 274.8 | 265.0 | 251.2 | 235.8 |
| 115° | 263.0 | 283.4 | 295.9 | 305.1 | 311.0 | 314.3 | 311.0 | 305.1 | 295.9 | 283.4 | 263.0 |
| 117.5° | 285.6 | 306.9 | 320.6 | 327.7 | 330.5 | 332.8 | 330.5 | 327.7 | 320.6 | 306.9 | 285.6 |
| 120° | 299.8 | 319.6 | 335.3 | 344.5 | 347.8 | 349.1 | 347.8 | 344.5 | 335.3 | 319.6 | 299.8 |
| 122.5° | 313.0 | 331.7 | 346.9 | 358.2 | 363.6 | 364.9 | 363.6 | 358.2 | 346.9 | 331.7 | 313.0 |
| 125° | 331.4 | 349.1 | 364.9 | 376.1 | 382.0 | 385.3 | 382.0 | 376.1 | 364.9 | 349.1 | 331.4 |
| 127.5° | 347.4 | 366.6 | 381.1 | 391.2 | 397.0 | 399.6 | 397.0 | 391.2 | 381.1 | 366.6 | 347.4 |
| 130° | 356.4 | 376.1 | 390.6 | 401.7 | 407.0 | 409.6 | 407.0 | 401.7 | 390.6 | 376.1 | 356.4 |
| 132.5° | 363.2 | 384.0 | 399.0 | 409.1 | 414.9 | 417.5 | 414.9 | 409.1 | 399.0 | 384.0 | 363.2 |
| 135° | 371.5 | 393.2 | 409.0 | 418.8 | 424.1 | 426.7 | 424.1 | 418.8 | 409.0 | 393.2 | 371.5 |
| 137.5° | 378.7 | 398.5 | 414.9 | 425.3 | 430.0 | 431.7 | 430.0 | 425.3 | 414.9 | 398.5 | 378.7 |
| 140° | 384.0 | 401.1 | 417.5 | 427.4 | 432.7 | 433.3 | 432.7 | 427.4 | 417.5 | 401.1 | 384.0 |
| 142.5° | 390.8 | 404.2 | 418.6 | 428.4 | 433.7 | 434.9 | 433.7 | 428.4 | 418.6 | 404.2 | 390.8 |
| 145° | 403.1 | 411.0 | 420.8 | 430.0 | 434.6 | 435.9 | 434.6 | 430.0 | 420.8 | 411.0 | 403.1 |
| 147.5° | 418.4 | 420.9 | 426.1 | 432.1 | 436.6 | 437.5 | 436.6 | 432.1 | 426.1 | 420.9 | 418.4 |
| 150° | 430.0 | 429.4 | 431.3 | 435.3 | 439.2 | 438.6 | 439.2 | 435.3 | 431.3 | 429.4 | 430.0 |
| 152.5° | 443.2 | 439.4 | 439.2 | 441.1 | 442.9 | 442.8 | 442.9 | 441.1 | 439.2 | 439.4 | 443.2 |
| 155° | 465.5 | 458.3 | 454.3 | 453.0 | 453.0 | 452.4 | 453.0 | 453.0 | 454.3 | 458.3 | 465.5 |
| 157.5° | 490.1 | 480.0 | 474.1 | 470.9 | 470.0 | 468.6 | 470.0 | 470.9 | 474.1 | 480.0 | 490.1 |
| 160° | 507.0 | 495.8 | 489.9 | 484.6 | 482.6 | 480.7 | 482.6 | 484.6 | 489.9 | 495.8 | 507.0 |
| 162.5° | 522.7 | 512.1 | 505.6 | 500.9 | 498.9 | 495.9 | 498.9 | 500.9 | 505.6 | 512.1 | 522.7 |
| 165° | 548.4 | 537.2 | 530.0 | 526.0 | 523.4 | 520.8 | 523.4 | 526.0 | 530.0 | 537.2 | 548.4 |
| 167.5° | 574.0 | 561.8 | 557.1 | 552.6 | 550.1 | 545.4 | 550.1 | 552.6 | 557.1 | 561.8 | 574.0 |
| 170° | 589.8 | 578.6 | 576.0 | 572.0 | 567.4 | 562.2 | 567.4 | 572.0 | 576.0 | 578.6 | 589.8 |
| 172.5° | 603.5 | 596.0 | 593.4 | 589.4 | 588.0 | 583.8 | 588.0 | 589.4 | 593.4 | 596.0 | 603.5 |
| 175° | 623.3 | 617.4 | 617.4 | 616.8 | 614.8 | 610.8 | 614.8 | 616.8 | 617.4 | 617.4 | 623.3 |
| 177.5° | 639.9 | 636.7 | 638.9 | 638.9 | 638.3 | 634.6 | 638.3 | 638.9 | 638.9 | 636.7 | 639.9 |
| 180° | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 | 650.9 |



TEST NUMBER: P1427709

CATALOG NUMBER: SQ2W-F-K-050U-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° | 15.5 | 15.3 | 15.3 | 15.3 |
| 90° | 11.8 | 7.2 | 4.6 | 2.0 |
| 92.5° | 25.5 | 17.8 | 12.5 | 7.2 |
| 95° | 51.3 | 40.8 | 28.9 | 20.4 |
| 97.5° | 81.7 | 64.7 | 53.0 | 38.9 |
| 100° | 98.0 | 81.5 | 70.4 | 55.2 |
| 102.5° | 115.9 | 102.0 | 86.7 | 71.5 |
| 105° | 147.9 | 130.8 | 113.1 | 96.0 |
| 107.5° | 177.7 | 158.9 | 137.6 | 122.2 |
| 110° | 196.6 | 176.2 | 153.9 | 140.1 |

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CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|-------|-------|-------|-------|
| 112.5° | 215.0 | 194.1 | 171.2 | 157.4 |
| 115° | 240.0 | 217.0 | 195.9 | 184.1 |
| 117.5° | 264.1 | 240.4 | 218.2 | 208.8 |
| 120° | 278.8 | 255.1 | 233.4 | 226.2 |
| 122.5° | 290.9 | 267.7 | 247.6 | 244.6 |
| 125° | 309.0 | 285.4 | 268.3 | 272.2 |
| 127.5° | 323.8 | 302.1 | 291.3 | 300.1 |
| 130° | 332.7 | 313.6 | 307.1 | 319.6 |
| 132.5° | 340.6 | 325.7 | 322.8 | 340.1 |
| 135° | 352.4 | 343.9 | 346.5 | 370.2 |
| 137.5° | 366.5 | 363.2 | 372.0 | 401.9 |
| 140° | 375.4 | 377.4 | 389.9 | 423.4 |
| 142.5° | 387.5 | 392.1 | 408.3 | 444.0 |
| 145° | 406.4 | 416.2 | 437.3 | 472.8 |
| 147.5° | 427.7 | 440.4 | 466.4 | 502.9 |
| 150° | 441.9 | 458.3 | 485.9 | 520.8 |
| 152.5° | 458.2 | 475.1 | 502.7 | 538.1 |
| 155° | 483.3 | 502.3 | 531.3 | 561.5 |
| 157.5° | 508.9 | 528.4 | 556.0 | 582.4 |
| 160° | 524.7 | 545.7 | 570.7 | 595.1 |
| 162.5° | 542.6 | 562.1 | 583.9 | 605.6 |
| 165° | 568.8 | 584.5 | 602.3 | 620.7 |
| 167.5° | 590.7 | 603.9 | 617.8 | 632.1 |
| 170° | 604.9 | 615.4 | 627.3 | 638.5 |
| 172.5° | 617.0 | 625.4 | 634.1 | 643.7 |
| 175° | 633.2 | 637.8 | 643.1 | 649.0 |
| 177.5° | 645.7 | 647.3 | 648.8 | 651.5 |
| 180° | 650.9 | 650.9 | 650.9 | 650.9 |



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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 | 18.67 | 19.66 | 19.52 | 20.53 | 21.64 | 18.59 | 19.57 | 19.44 | 20.45 | 21.55 |
| | 3H | 20.47 | 21.36 | 21.34 | 22.24 | 23.37 | 20.37 | 21.25 | 21.23 | 22.14 | 23.27 |
| | 4H | 21.17 | 22.01 | 22.05 | 22.90 | 24.04 | 21.06 | 21.89 | 21.94 | 22.79 | 23.93 |
| | 6H | 21.62 | 22.39 | 22.51 | 23.29 | 24.44 | 21.47 | 22.25 | 22.37 | 23.15 | 24.30 |
| | 8H | 21.78 | 22.52 | 22.68 | 23.43 | 24.59 | 21.62 | 22.36 | 22.52 | 23.28 | 24.43 |
| | 12H | 21.87 | 22.57 | 22.78 | 23.48 | 24.66 | 21.69 | 22.39 | 22.60 | 23.30 | 24.48 |
| 4H | 2H | 19.27 | 20.10 | 20.15 | 21.00 | 22.14 | 19.20 | 20.04 | 20.09 | 20.93 | 22.07 |
| | 3H | 21.30 | 22.00 | 22.20 | 22.92 | 24.08 | 21.21 | 21.91 | 22.10 | 22.83 | 23.99 |
| | 4H | 22.12 | 22.76 | 23.03 | 23.68 | 24.86 | 22.01 | 22.65 | 22.92 | 23.57 | 24.75 |
| | 6H | 22.68 | 23.23 | 23.60 | 24.17 | 25.36 | 22.54 | 23.09 | 23.46 | 24.03 | 25.21 |
| | 8H | 22.89 | 23.41 | 23.82 | 24.35 | 25.55 | 22.74 | 23.25 | 23.66 | 24.19 | 25.39 |
| | 12H | 23.01 | 23.48 | 23.96 | 24.44 | 25.64 | 22.83 | 23.29 | 23.78 | 24.25 | 25.45 |
| 8H | 4H | 22.37 | 22.89 | 23.30 | 23.83 | 25.02 | 22.27 | 22.79 | 23.20 | 23.73 | 24.93 |
| | 6H | 23.07 | 23.49 | 24.02 | 24.47 | 25.67 | 22.94 | 23.36 | 23.89 | 24.34 | 25.54 |
| | 8H | 23.37 | 23.75 | 24.34 | 24.72 | 25.93 | 23.22 | 23.60 | 24.18 | 24.57 | 25.78 |
| | 12H | 23.56 | 23.89 | 24.53 | 24.86 | 26.12 | 23.37 | 23.70 | 24.34 | 24.67 | 25.93 |
| 12H | 4H | 22.37 | 22.84 | 23.32 | 23.79 | 25.00 | 22.28 | 22.75 | 23.23 | 23.70 | 24.90 |
| | 6H | 23.12 | 23.50 | 24.08 | 24.47 | 25.68 | 22.99 | 23.37 | 23.96 | 24.34 | 25.56 |
| | 8H | 23.46 | 23.79 | 24.42 | 24.76 | 26.02 | 23.31 | 23.64 | 24.27 | 24.60 | 25.87 |