

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: P1428549

Luminaire Tested: SQ2W-WBM-K-100U-125D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428549
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G3-2104-222-6)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-WBM-K-100U-125D-L935-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - WHITE DISCREET BAFFLE, MEDIUM 80-DEGREE OPTIC
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 1000 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

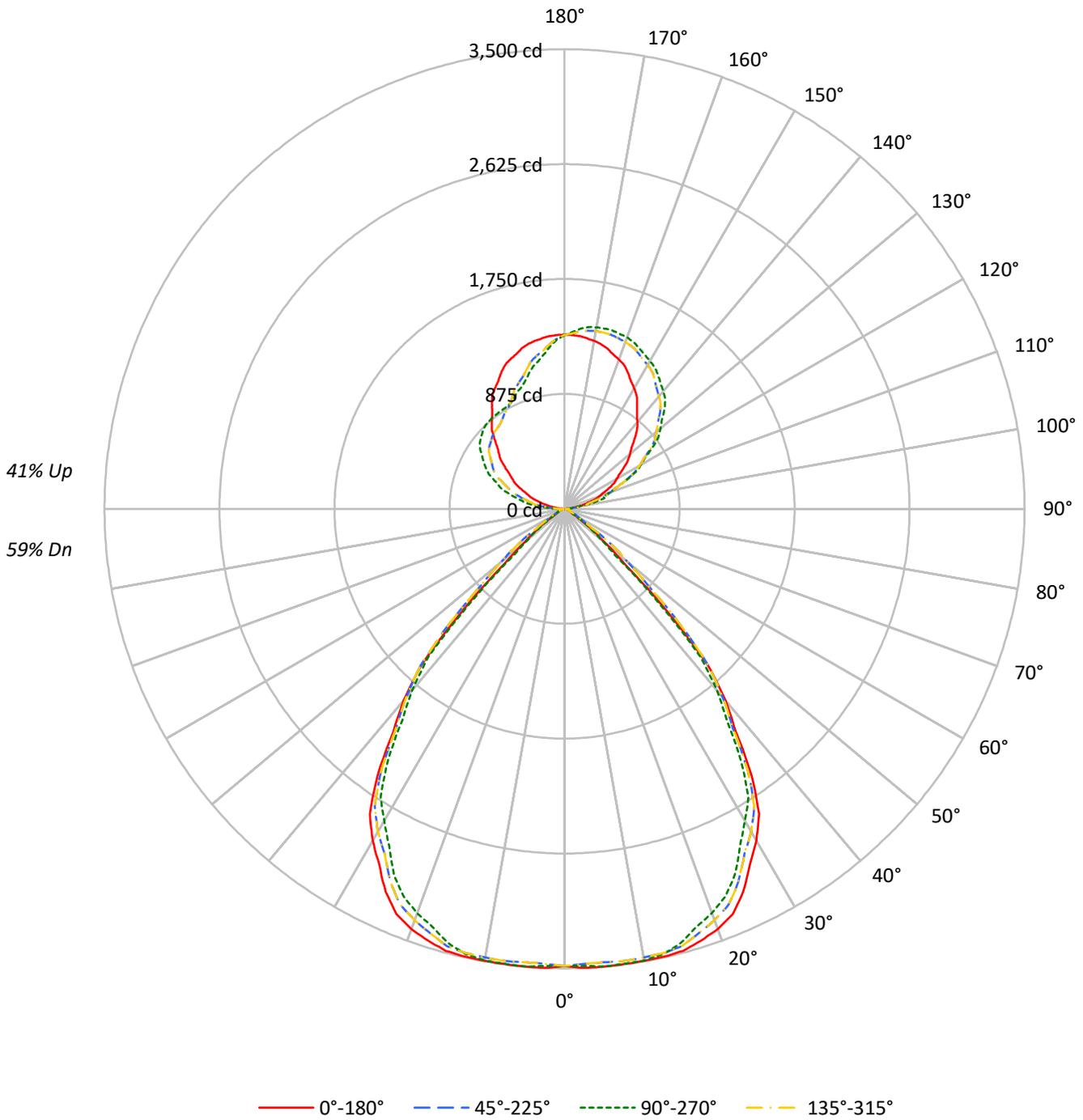
Lumens per Lamp: N/A
Luminaire Lumens: 9317.6 lumens
Efficiency: N/A
Efficacy: 112.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.18 / 1.17
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 82.9
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: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-L935-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-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 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 64 | 64 | 64 | 59 | | | | |
| 1 | 102 | 98 | 95 | 92 | 95 | 92 | 89 | 87 | 80 | 78 | 77 | 70 | 68 | 67 | 60 | 59 | 58 | 53 | | | | |
| 2 | 94 | 88 | 83 | 79 | 88 | 83 | 79 | 75 | 73 | 70 | 67 | 64 | 62 | 60 | 55 | 54 | 52 | 48 | | | | |
| 3 | 88 | 80 | 74 | 69 | 82 | 75 | 70 | 65 | 67 | 62 | 59 | 59 | 56 | 53 | 51 | 49 | 47 | 44 | | | | |
| 4 | 81 | 72 | 65 | 60 | 76 | 68 | 62 | 58 | 61 | 56 | 53 | 54 | 50 | 48 | 47 | 45 | 43 | 40 | | | | |
| 5 | 76 | 66 | 59 | 53 | 71 | 62 | 56 | 51 | 56 | 51 | 47 | 49 | 46 | 43 | 44 | 41 | 39 | 36 | | | | |
| 6 | 71 | 60 | 53 | 48 | 66 | 57 | 50 | 46 | 51 | 46 | 42 | 46 | 42 | 39 | 41 | 38 | 35 | 33 | | | | |
| 7 | 66 | 55 | 48 | 43 | 62 | 52 | 46 | 41 | 47 | 42 | 38 | 42 | 38 | 35 | 38 | 35 | 32 | 30 | | | | |
| 8 | 62 | 50 | 43 | 39 | 58 | 48 | 42 | 37 | 43 | 38 | 35 | 39 | 35 | 32 | 35 | 32 | 30 | 28 | | | | |
| 9 | 58 | 47 | 40 | 35 | 54 | 44 | 38 | 34 | 40 | 35 | 32 | 36 | 32 | 29 | 33 | 30 | 27 | 25 | | | | |
| 10 | 54 | 43 | 36 | 32 | 51 | 41 | 35 | 31 | 37 | 32 | 29 | 34 | 30 | 27 | 31 | 27 | 25 | 23 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 56211 | 56211 | 56211 | 56211 |
| 5° | 56724 | 56696 | 56724 | 56696 |
| 10° | 57298 | 57270 | 57298 | 57270 |
| 15° | 58249 | 57217 | 58249 | 57217 |
| 20° | 58528 | 56291 | 58528 | 56291 |
| 25° | 57324 | 54707 | 57324 | 54707 |
| 30° | 54390 | 51153 | 54390 | 51153 |
| 35° | 48916 | 46153 | 48916 | 46153 |
| 40° | 40100 | 37990 | 40100 | 37990 |
| 45° | 25075 | 23550 | 25075 | 23550 |
| 50° | 9809 | 8972 | 9809 | 8972 |
| 55° | 4839 | 4791 | 4839 | 4791 |
| 60° | 2264 | 2047 | 2264 | 2047 |
| 65° | 2040 | 1914 | 2040 | 1914 |
| 70° | 1969 | 1893 | 1969 | 1893 |
| 75° | 1977 | 1772 | 1977 | 1772 |
| 80° | 1860 | 1711 | 1860 | 1711 |
| 85° | 1852 | 1538 | 1852 | 1538 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°
 Vertical Angle: 45°
 Luminance: 28544 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 332.9 | 3.6 |
| 10°-20° | 973.3 | 10.4 |
| 20°-30° | 1439.1 | 15.4 |
| 30°-40° | 1489.0 | 16.0 |
| 40°-50° | 895.6 | 9.6 |
| 50°-60° | 214.1 | 2.3 |
| 60°-70° | 58.6 | 0.6 |
| 70°-80° | 32.7 | 0.4 |
| 80°-90° | 15.8 | 0.2 |
| 90°-100° | 105.4 | 1.1 |
| 100°-110° | 307.3 | 3.3 |
| 110°-120° | 501.5 | 5.4 |
| 120°-130° | 636.4 | 6.8 |
| 130°-140° | 681.0 | 7.3 |
| 140°-150° | 635.9 | 6.8 |
| 150°-160° | 523.2 | 5.6 |
| 160°-170° | 350.9 | 3.8 |
| 170°-180° | 124.6 | 1.3 |
| 0°-30° | 2745.4 | 29.5 |
| 0°-40° | 4234.4 | 45.4 |
| 0°-60° | 5344.2 | 57.4 |
| 0°-90° | 5451.3 | 58.5 |
| 90°-120° | 914.2 | 9.8 |
| 90°-150° | 2867.5 | 30.8 |
| 90°-180° | 3866.0 | 41.5 |
| 0°-180° | 9317.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3482 | 3482 | 3482 | 3482 | 3482 | |
| 5° | 3500 | 3498 | 3500 | 3498 | 3500 | 334 |
| 15° | 3485 | 3423 | 3485 | 3423 | 3485 | 982 |
| 25° | 3218 | 3071 | 3218 | 3071 | 3218 | 1471 |
| 35° | 2482 | 2342 | 2482 | 2342 | 2482 | 1524 |
| 45° | 1098 | 1031 | 1098 | 1031 | 1098 | 849 |
| 55° | 172 | 170 | 172 | 170 | 172 | 172 |
| 65° | 53 | 50 | 53 | 50 | 53 | 54 |
| 75° | 32 | 28 | 32 | 28 | 32 | 33 |
| 85° | 10 | 8 | 10 | 8 | 10 | 10 |
| 90° | 4 | 29 | 4 | 58 | 4 | 4 |
| 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 | |



TEST NUMBER: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 |
| 2.5° | 3498.9 | 3494.7 | 3490.6 | 3480.2 | 3467.7 | 3468.0 | 3481.1 | 3490.1 | 3487.1 | 3484.2 | 3487.1 |
| 5° | 3499.9 | 3494.7 | 3489.5 | 3477.6 | 3463.5 | 3466.9 | 3487.6 | 3502.6 | 3500.4 | 3498.2 | 3500.4 |
| 7.5° | 3496.2 | 3494.0 | 3491.7 | 3483.1 | 3472.2 | 3474.7 | 3490.4 | 3501.3 | 3497.9 | 3494.5 | 3497.9 |
| 10° | 3494.9 | 3495.6 | 3496.3 | 3484.8 | 3469.3 | 3469.6 | 3486.0 | 3497.6 | 3495.4 | 3493.2 | 3495.4 |
| 12.5° | 3493.5 | 3499.6 | 3505.7 | 3490.2 | 3467.5 | 3462.5 | 3475.3 | 3483.5 | 3478.4 | 3473.2 | 3478.4 |
| 15° | 3484.8 | 3496.7 | 3508.6 | 3487.6 | 3455.7 | 3439.8 | 3439.8 | 3437.9 | 3430.5 | 3423.1 | 3430.5 |
| 17.5° | 3447.8 | 3461.9 | 3476.0 | 3447.6 | 3405.0 | 3378.0 | 3366.6 | 3355.7 | 3346.7 | 3337.6 | 3346.7 |
| 20° | 3406.4 | 3420.5 | 3434.6 | 3400.8 | 3351.1 | 3317.0 | 3298.5 | 3283.6 | 3279.9 | 3276.2 | 3279.9 |
| 22.5° | 3341.0 | 3356.3 | 3371.5 | 3335.4 | 3282.2 | 3245.4 | 3225.0 | 3208.3 | 3202.2 | 3196.1 | 3202.2 |
| 25° | 3217.8 | 3229.7 | 3241.5 | 3203.9 | 3149.7 | 3115.3 | 3100.4 | 3087.3 | 3079.1 | 3070.9 | 3079.1 |
| 27.5° | 3053.6 | 3060.1 | 3066.6 | 3030.2 | 2979.5 | 2945.7 | 2928.7 | 2913.2 | 2902.0 | 2890.7 | 2902.0 |
| 30° | 2917.4 | 2920.4 | 2923.3 | 2894.0 | 2854.0 | 2822.8 | 2800.6 | 2779.4 | 2761.6 | 2743.8 | 2761.6 |
| 32.5° | 2755.8 | 2758.8 | 2761.8 | 2736.0 | 2700.7 | 2672.5 | 2651.5 | 2632.1 | 2617.9 | 2603.6 | 2617.9 |
| 35° | 2481.8 | 2480.3 | 2478.8 | 2462.3 | 2440.8 | 2417.8 | 2393.3 | 2371.3 | 2356.4 | 2341.6 | 2356.4 |
| 37.5° | 2139.0 | 2141.1 | 2143.1 | 2130.9 | 2113.8 | 2095.6 | 2076.3 | 2058.1 | 2043.1 | 2028.2 | 2043.1 |
| 40° | 1902.6 | 1904.1 | 1905.6 | 1895.4 | 1881.3 | 1860.2 | 1832.0 | 1809.9 | 1806.2 | 1802.5 | 1806.2 |
| 42.5° | 1614.2 | 1636.5 | 1658.8 | 1649.7 | 1630.3 | 1609.8 | 1588.1 | 1567.5 | 1550.2 | 1532.8 | 1550.2 |
| 45° | 1098.2 | 1165.7 | 1233.2 | 1250.1 | 1250.1 | 1237.1 | 1211.1 | 1173.9 | 1102.6 | 1031.4 | 1102.6 |
| 47.5° | 620.2 | 697.0 | 773.9 | 824.4 | 866.1 | 848.3 | 771.2 | 691.7 | 605.2 | 518.7 | 605.2 |
| 50° | 390.5 | 442.5 | 494.4 | 559.1 | 628.1 | 609.2 | 502.4 | 415.0 | 386.1 | 357.2 | 386.1 |
| 52.5° | 277.1 | 303.5 | 329.9 | 390.9 | 463.4 | 454.6 | 364.4 | 292.9 | 277.6 | 262.4 | 277.6 |
| 55° | 171.9 | 181.5 | 191.2 | 220.9 | 257.2 | 255.0 | 214.2 | 182.1 | 176.2 | 170.2 | 176.2 |
| 57.5° | 102.1 | 112.1 | 122.0 | 135.2 | 149.4 | 149.4 | 135.2 | 122.2 | 112.8 | 103.5 | 112.8 |
| 60° | 70.1 | 78.3 | 86.4 | 97.4 | 109.2 | 107.7 | 92.9 | 79.7 | 71.6 | 63.4 | 71.6 |
| 62.5° | 60.8 | 64.2 | 67.6 | 76.0 | 86.1 | 85.2 | 73.3 | 63.7 | 60.9 | 58.1 | 60.9 |
| 65° | 53.4 | 54.1 | 54.9 | 55.6 | 56.4 | 56.0 | 54.5 | 53.0 | 51.6 | 50.1 | 51.6 |
| 67.5° | 47.1 | 47.8 | 48.5 | 48.3 | 47.7 | 47.3 | 47.2 | 46.7 | 45.4 | 44.1 | 45.4 |
| 70° | 41.7 | 42.5 | 43.2 | 43.4 | 43.4 | 43.0 | 42.3 | 41.5 | 40.8 | 40.1 | 40.8 |
| 72.5° | 37.7 | 38.5 | 39.2 | 38.9 | 38.3 | 38.0 | 37.8 | 37.4 | 36.1 | 34.7 | 36.1 |
| 75° | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.3 | 30.6 | 29.9 | 29.1 | 28.4 | 29.1 |
| 77.5° | 24.0 | 24.8 | 25.5 | 25.1 | 24.4 | 24.0 | 24.0 | 23.8 | 23.1 | 22.4 | 23.1 |
| 80° | 20.0 | 20.8 | 21.5 | 21.1 | 20.4 | 20.0 | 20.0 | 19.8 | 19.1 | 18.4 | 19.1 |
| 82.5° | 16.0 | 16.2 | 16.3 | 16.2 | 16.1 | 16.0 | 16.0 | 15.8 | 15.1 | 14.4 | 15.1 |
| 85° | 10.0 | 10.0 | 10.0 | 9.5 | 8.7 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 |
| 87.5° | 3.5 | 5.1 | 7.1 | 7.8 | 8.0 | 8.0 | 8.0 | 8.3 | 8.6 | 8.6 | 8.6 |
| 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 |



TEST NUMBER: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-L935-UNV-STD-W-WM-4

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: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 |
| 2.5° | 3490.1 | 3481.1 | 3468.0 | 3467.7 | 3480.2 | 3490.6 | 3494.7 | 3498.9 | 3494.7 | 3490.6 | 3480.2 |
| 5° | 3502.6 | 3487.6 | 3466.9 | 3463.5 | 3477.6 | 3489.5 | 3494.7 | 3499.9 | 3494.7 | 3489.5 | 3477.6 |
| 7.5° | 3501.3 | 3490.4 | 3474.7 | 3472.2 | 3483.1 | 3491.7 | 3494.0 | 3496.2 | 3494.0 | 3491.7 | 3483.1 |
| 10° | 3497.6 | 3486.0 | 3469.6 | 3469.3 | 3484.8 | 3496.3 | 3495.6 | 3494.9 | 3495.6 | 3496.3 | 3484.8 |
| 12.5° | 3483.5 | 3475.3 | 3462.5 | 3467.5 | 3490.2 | 3505.7 | 3499.6 | 3493.5 | 3499.6 | 3505.7 | 3490.2 |
| 15° | 3437.9 | 3439.8 | 3439.8 | 3455.7 | 3487.6 | 3508.6 | 3496.7 | 3484.8 | 3496.7 | 3508.6 | 3487.6 |
| 17.5° | 3355.7 | 3366.6 | 3378.0 | 3405.0 | 3447.6 | 3476.0 | 3461.9 | 3447.8 | 3461.9 | 3476.0 | 3447.6 |
| 20° | 3283.6 | 3298.5 | 3317.0 | 3351.1 | 3400.8 | 3434.6 | 3420.5 | 3406.4 | 3420.5 | 3434.6 | 3400.8 |
| 22.5° | 3208.3 | 3225.0 | 3245.4 | 3282.2 | 3335.4 | 3371.5 | 3356.3 | 3341.0 | 3356.3 | 3371.5 | 3335.4 |
| 25° | 3087.3 | 3100.4 | 3115.3 | 3149.7 | 3203.9 | 3241.5 | 3229.7 | 3217.8 | 3229.7 | 3241.5 | 3203.9 |
| 27.5° | 2913.2 | 2928.7 | 2945.7 | 2979.5 | 3030.2 | 3066.6 | 3060.1 | 3053.6 | 3060.1 | 3066.6 | 3030.2 |
| 30° | 2779.4 | 2800.6 | 2822.8 | 2854.0 | 2894.0 | 2923.3 | 2920.4 | 2917.4 | 2920.4 | 2923.3 | 2894.0 |
| 32.5° | 2632.1 | 2651.5 | 2672.5 | 2700.7 | 2736.0 | 2761.8 | 2758.8 | 2755.8 | 2758.8 | 2761.8 | 2736.0 |
| 35° | 2371.3 | 2393.3 | 2417.8 | 2440.8 | 2462.3 | 2478.8 | 2480.3 | 2481.8 | 2480.3 | 2478.8 | 2462.3 |
| 37.5° | 2058.1 | 2076.3 | 2095.6 | 2113.8 | 2130.9 | 2143.1 | 2141.1 | 2139.0 | 2141.1 | 2143.1 | 2130.9 |
| 40° | 1809.9 | 1832.0 | 1860.2 | 1881.3 | 1895.4 | 1905.6 | 1904.1 | 1902.6 | 1904.1 | 1905.6 | 1895.4 |
| 42.5° | 1567.5 | 1588.1 | 1609.8 | 1630.3 | 1649.7 | 1658.8 | 1636.5 | 1614.2 | 1636.5 | 1658.8 | 1649.7 |
| 45° | 1173.9 | 1211.1 | 1237.1 | 1250.1 | 1250.1 | 1233.2 | 1165.7 | 1098.2 | 1165.7 | 1233.2 | 1250.1 |
| 47.5° | 691.7 | 771.2 | 848.3 | 866.1 | 824.4 | 773.9 | 697.0 | 620.2 | 697.0 | 773.9 | 824.4 |
| 50° | 415.0 | 502.4 | 609.2 | 628.1 | 559.1 | 494.4 | 442.5 | 390.5 | 442.5 | 494.4 | 559.1 |
| 52.5° | 292.9 | 364.4 | 454.6 | 463.4 | 390.9 | 329.9 | 303.5 | 277.1 | 303.5 | 329.9 | 390.9 |
| 55° | 182.1 | 214.2 | 255.0 | 257.2 | 220.9 | 191.2 | 181.5 | 171.9 | 181.5 | 191.2 | 220.9 |
| 57.5° | 122.2 | 135.2 | 149.4 | 149.4 | 135.2 | 122.0 | 112.1 | 102.1 | 112.1 | 122.0 | 135.2 |
| 60° | 79.7 | 92.9 | 107.7 | 109.2 | 97.4 | 86.4 | 78.3 | 70.1 | 78.3 | 86.4 | 97.4 |
| 62.5° | 63.7 | 73.3 | 85.2 | 86.1 | 76.0 | 67.6 | 64.2 | 60.8 | 64.2 | 67.6 | 76.0 |
| 65° | 53.0 | 54.5 | 56.0 | 56.4 | 55.6 | 54.9 | 54.1 | 53.4 | 54.1 | 54.9 | 55.6 |
| 67.5° | 46.7 | 47.2 | 47.3 | 47.7 | 48.3 | 48.5 | 47.8 | 47.1 | 47.8 | 48.5 | 48.3 |
| 70° | 41.5 | 42.3 | 43.0 | 43.4 | 43.4 | 43.2 | 42.5 | 41.7 | 42.5 | 43.2 | 43.4 |
| 72.5° | 37.4 | 37.8 | 38.0 | 38.3 | 38.9 | 39.2 | 38.5 | 37.7 | 38.5 | 39.2 | 38.9 |
| 75° | 29.9 | 30.6 | 31.3 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 77.5° | 23.8 | 24.0 | 24.0 | 24.4 | 25.1 | 25.5 | 24.8 | 24.0 | 24.8 | 25.5 | 25.1 |
| 80° | 19.8 | 20.0 | 20.0 | 20.4 | 21.1 | 21.5 | 20.8 | 20.0 | 20.8 | 21.5 | 21.1 |
| 82.5° | 15.8 | 16.0 | 16.0 | 16.1 | 16.2 | 16.3 | 16.2 | 16.0 | 16.2 | 16.3 | 16.2 |
| 85° | 8.3 | 8.3 | 8.3 | 8.7 | 9.5 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 9.5 |
| 87.5° | 8.3 | 8.0 | 8.0 | 8.0 | 7.8 | 7.1 | 5.1 | 3.5 | 5.1 | 6.8 | 8.4 |
| 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: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-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: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 | 3481.5 |
| 2.5° | 3467.7 | 3468.0 | 3481.1 | 3490.1 | 3487.1 | 3484.2 | 3487.1 | 3490.1 | 3481.1 | 3468.0 | 3467.7 |
| 5° | 3463.5 | 3466.9 | 3487.6 | 3502.6 | 3500.4 | 3498.2 | 3500.4 | 3502.6 | 3487.6 | 3466.9 | 3463.5 |
| 7.5° | 3472.2 | 3474.7 | 3490.4 | 3501.3 | 3497.9 | 3494.5 | 3497.9 | 3501.3 | 3490.4 | 3474.7 | 3472.2 |
| 10° | 3469.3 | 3469.6 | 3486.0 | 3497.6 | 3495.4 | 3493.2 | 3495.4 | 3497.6 | 3486.0 | 3469.6 | 3469.3 |
| 12.5° | 3467.5 | 3462.5 | 3475.3 | 3483.5 | 3478.4 | 3473.2 | 3478.4 | 3483.5 | 3475.3 | 3462.5 | 3467.5 |
| 15° | 3455.7 | 3439.8 | 3439.8 | 3437.9 | 3430.5 | 3423.1 | 3430.5 | 3437.9 | 3439.8 | 3439.8 | 3455.7 |
| 17.5° | 3405.0 | 3378.0 | 3366.6 | 3355.7 | 3346.7 | 3337.6 | 3346.7 | 3355.7 | 3366.6 | 3378.0 | 3405.0 |
| 20° | 3351.1 | 3317.0 | 3298.5 | 3283.6 | 3279.9 | 3276.2 | 3279.9 | 3283.6 | 3298.5 | 3317.0 | 3351.1 |
| 22.5° | 3282.2 | 3245.4 | 3225.0 | 3208.3 | 3202.2 | 3196.1 | 3202.2 | 3208.3 | 3225.0 | 3245.4 | 3282.2 |
| 25° | 3149.7 | 3115.3 | 3100.4 | 3087.3 | 3079.1 | 3070.9 | 3079.1 | 3087.3 | 3100.4 | 3115.3 | 3149.7 |
| 27.5° | 2979.5 | 2945.7 | 2928.7 | 2913.2 | 2902.0 | 2890.7 | 2902.0 | 2913.2 | 2928.7 | 2945.7 | 2979.5 |
| 30° | 2854.0 | 2822.8 | 2800.6 | 2779.4 | 2761.6 | 2743.8 | 2761.6 | 2779.4 | 2800.6 | 2822.8 | 2854.0 |
| 32.5° | 2700.7 | 2672.5 | 2651.5 | 2632.1 | 2617.9 | 2603.6 | 2617.9 | 2632.1 | 2651.5 | 2672.5 | 2700.7 |
| 35° | 2440.8 | 2417.8 | 2393.3 | 2371.3 | 2356.4 | 2341.6 | 2356.4 | 2371.3 | 2393.3 | 2417.8 | 2440.8 |
| 37.5° | 2113.8 | 2095.6 | 2076.3 | 2058.1 | 2043.1 | 2028.2 | 2043.1 | 2058.1 | 2076.3 | 2095.6 | 2113.8 |
| 40° | 1881.3 | 1860.2 | 1832.0 | 1809.9 | 1806.2 | 1802.5 | 1806.2 | 1809.9 | 1832.0 | 1860.2 | 1881.3 |
| 42.5° | 1630.3 | 1609.8 | 1588.1 | 1567.5 | 1550.2 | 1532.8 | 1550.2 | 1567.5 | 1588.1 | 1609.8 | 1630.3 |
| 45° | 1250.1 | 1237.1 | 1211.1 | 1173.9 | 1102.6 | 1031.4 | 1102.6 | 1173.9 | 1211.1 | 1237.1 | 1250.1 |
| 47.5° | 866.1 | 848.3 | 771.2 | 691.7 | 605.2 | 518.7 | 605.2 | 691.7 | 771.2 | 848.3 | 866.1 |
| 50° | 628.1 | 609.2 | 502.4 | 415.0 | 386.1 | 357.2 | 386.1 | 415.0 | 502.4 | 609.2 | 628.1 |
| 52.5° | 463.4 | 454.6 | 364.4 | 292.9 | 277.6 | 262.4 | 277.6 | 292.9 | 364.4 | 454.6 | 463.4 |
| 55° | 257.2 | 255.0 | 214.2 | 182.1 | 176.2 | 170.2 | 176.2 | 182.1 | 214.2 | 255.0 | 257.2 |
| 57.5° | 149.4 | 149.4 | 135.2 | 122.2 | 112.8 | 103.5 | 112.8 | 122.2 | 135.2 | 149.4 | 149.4 |
| 60° | 109.2 | 107.7 | 92.9 | 79.7 | 71.6 | 63.4 | 71.6 | 79.7 | 92.9 | 107.7 | 109.2 |
| 62.5° | 86.1 | 85.2 | 73.3 | 63.7 | 60.9 | 58.1 | 60.9 | 63.7 | 73.3 | 85.2 | 86.1 |
| 65° | 56.4 | 56.0 | 54.5 | 53.0 | 51.6 | 50.1 | 51.6 | 53.0 | 54.5 | 56.0 | 56.4 |
| 67.5° | 47.7 | 47.3 | 47.2 | 46.7 | 45.4 | 44.1 | 45.4 | 46.7 | 47.2 | 47.3 | 47.7 |
| 70° | 43.4 | 43.0 | 42.3 | 41.5 | 40.8 | 40.1 | 40.8 | 41.5 | 42.3 | 43.0 | 43.4 |
| 72.5° | 38.3 | 38.0 | 37.8 | 37.4 | 36.1 | 34.7 | 36.1 | 37.4 | 37.8 | 38.0 | 38.3 |
| 75° | 31.7 | 31.3 | 30.6 | 29.9 | 29.1 | 28.4 | 29.1 | 29.9 | 30.6 | 31.3 | 31.7 |
| 77.5° | 24.4 | 24.0 | 24.0 | 23.8 | 23.1 | 22.4 | 23.1 | 23.8 | 24.0 | 24.0 | 24.4 |
| 80° | 20.4 | 20.0 | 20.0 | 19.8 | 19.1 | 18.4 | 19.1 | 19.8 | 20.0 | 20.0 | 20.4 |
| 82.5° | 16.1 | 16.0 | 16.0 | 15.8 | 15.1 | 14.4 | 15.1 | 15.8 | 16.0 | 16.0 | 16.1 |
| 85° | 8.7 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.7 |
| 87.5° | 9.1 | 10.7 | 12.6 | 13.6 | 14.7 | 14.2 | 14.7 | 13.6 | 12.6 | 10.7 | 9.1 |
| 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: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-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: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 3481.5 | 3481.5 | 3481.5 | 3481.5 |
| 2.5° | 3480.2 | 3490.6 | 3494.7 | 3498.9 |
| 5° | 3477.6 | 3489.5 | 3494.7 | 3499.9 |
| 7.5° | 3483.1 | 3491.7 | 3494.0 | 3496.2 |
| 10° | 3484.8 | 3496.3 | 3495.6 | 3494.9 |
| 12.5° | 3490.2 | 3505.7 | 3499.6 | 3493.5 |
| 15° | 3487.6 | 3508.6 | 3496.7 | 3484.8 |
| 17.5° | 3447.6 | 3476.0 | 3461.9 | 3447.8 |
| 20° | 3400.8 | 3434.6 | 3420.5 | 3406.4 |
| 22.5° | 3335.4 | 3371.5 | 3356.3 | 3341.0 |
| 25° | 3203.9 | 3241.5 | 3229.7 | 3217.8 |
| 27.5° | 3030.2 | 3066.6 | 3060.1 | 3053.6 |
| 30° | 2894.0 | 2923.3 | 2920.4 | 2917.4 |
| 32.5° | 2736.0 | 2761.8 | 2758.8 | 2755.8 |
| 35° | 2462.3 | 2478.8 | 2480.3 | 2481.8 |
| 37.5° | 2130.9 | 2143.1 | 2141.1 | 2139.0 |
| 40° | 1895.4 | 1905.6 | 1904.1 | 1902.6 |
| 42.5° | 1649.7 | 1658.8 | 1636.5 | 1614.2 |
| 45° | 1250.1 | 1233.2 | 1165.7 | 1098.2 |
| 47.5° | 824.4 | 773.9 | 697.0 | 620.2 |
| 50° | 559.1 | 494.4 | 442.5 | 390.5 |
| 52.5° | 390.9 | 329.9 | 303.5 | 277.1 |
| 55° | 220.9 | 191.2 | 181.5 | 171.9 |
| 57.5° | 135.2 | 122.0 | 112.1 | 102.1 |
| 60° | 97.4 | 86.4 | 78.3 | 70.1 |
| 62.5° | 76.0 | 67.6 | 64.2 | 60.8 |
| 65° | 55.6 | 54.9 | 54.1 | 53.4 |
| 67.5° | 48.3 | 48.5 | 47.8 | 47.1 |
| 70° | 43.4 | 43.2 | 42.5 | 41.7 |
| 72.5° | 38.9 | 39.2 | 38.5 | 37.7 |
| 75° | 31.7 | 31.7 | 31.7 | 31.7 |
| 77.5° | 25.1 | 25.5 | 24.8 | 24.0 |
| 80° | 21.1 | 21.5 | 20.8 | 20.0 |
| 82.5° | 16.2 | 16.3 | 16.2 | 16.0 |
| 85° | 9.5 | 10.0 | 10.0 | 10.0 |
| 87.5° | 8.4 | 6.8 | 5.1 | 3.5 |
| 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: P1428549

CATALOG NUMBER: SQ2W-WBM-K-100U-125D-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: P1428549
 CATALOG NUMBER: SQ2W-WBM-K-100U-125D-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 | 6.71 | 7.48 | 7.63 | 8.39 | 9.55 | 6.70 | 7.47 | 7.62 | 8.37 | 9.53 |
| | 3H | 7.40 | 8.08 | 8.33 | 9.00 | 10.19 | 7.32 | 8.00 | 8.25 | 8.92 | 10.10 |
| | 4H | 7.77 | 8.41 | 8.71 | 9.33 | 10.52 | 7.63 | 8.27 | 8.57 | 9.19 | 10.39 |
| | 6H | 8.04 | 8.63 | 8.99 | 9.56 | 10.76 | 7.86 | 8.45 | 8.82 | 9.38 | 10.58 |
| | 8H | 8.16 | 8.71 | 9.12 | 9.66 | 10.86 | 7.96 | 8.52 | 8.92 | 9.46 | 10.66 |
| | 12H | 8.24 | 8.76 | 9.20 | 9.70 | 10.93 | 8.01 | 8.54 | 8.97 | 9.48 | 10.70 |
| 4H | 2H | 6.81 | 7.45 | 7.76 | 8.37 | 9.57 | 6.80 | 7.43 | 7.74 | 8.36 | 9.55 |
| | 3H | 7.75 | 8.28 | 8.71 | 9.23 | 10.44 | 7.67 | 8.19 | 8.62 | 9.15 | 10.35 |
| | 4H | 8.26 | 8.73 | 9.22 | 9.68 | 10.92 | 8.11 | 8.59 | 9.07 | 9.54 | 10.77 |
| | 6H | 8.69 | 9.09 | 9.66 | 10.07 | 11.30 | 8.49 | 8.89 | 9.46 | 9.87 | 11.10 |
| | 8H | 8.87 | 9.25 | 9.85 | 10.22 | 11.46 | 8.65 | 9.03 | 9.63 | 10.00 | 11.24 |
| | 12H | 9.00 | 9.34 | 9.99 | 10.32 | 11.57 | 8.74 | 9.08 | 9.73 | 10.07 | 11.31 |
| 8H | 4H | 8.38 | 8.76 | 9.35 | 9.72 | 10.96 | 8.24 | 8.62 | 9.22 | 9.59 | 10.83 |
| | 6H | 8.95 | 9.26 | 9.95 | 10.27 | 11.51 | 8.76 | 9.07 | 9.76 | 10.08 | 11.32 |
| | 8H | 9.24 | 9.51 | 10.25 | 10.51 | 11.77 | 9.03 | 9.30 | 10.03 | 10.30 | 11.56 |
| | 12H | 9.46 | 9.70 | 10.46 | 10.69 | 12.00 | 9.19 | 9.43 | 10.20 | 10.42 | 11.73 |
| 12H | 4H | 8.35 | 8.69 | 9.35 | 9.68 | 10.92 | 8.23 | 8.57 | 9.22 | 9.55 | 10.80 |
| | 6H | 8.99 | 9.26 | 9.99 | 10.26 | 11.52 | 8.80 | 9.08 | 9.81 | 10.08 | 11.34 |
| | 8H | 9.31 | 9.55 | 10.32 | 10.54 | 11.85 | 9.11 | 9.35 | 10.11 | 10.34 | 11.64 |