

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: P1428500

Luminaire Tested: SQ2W-WBM-0U-125D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428500
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-0U-125D-L930-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 N/A - DIRECT ONLY
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

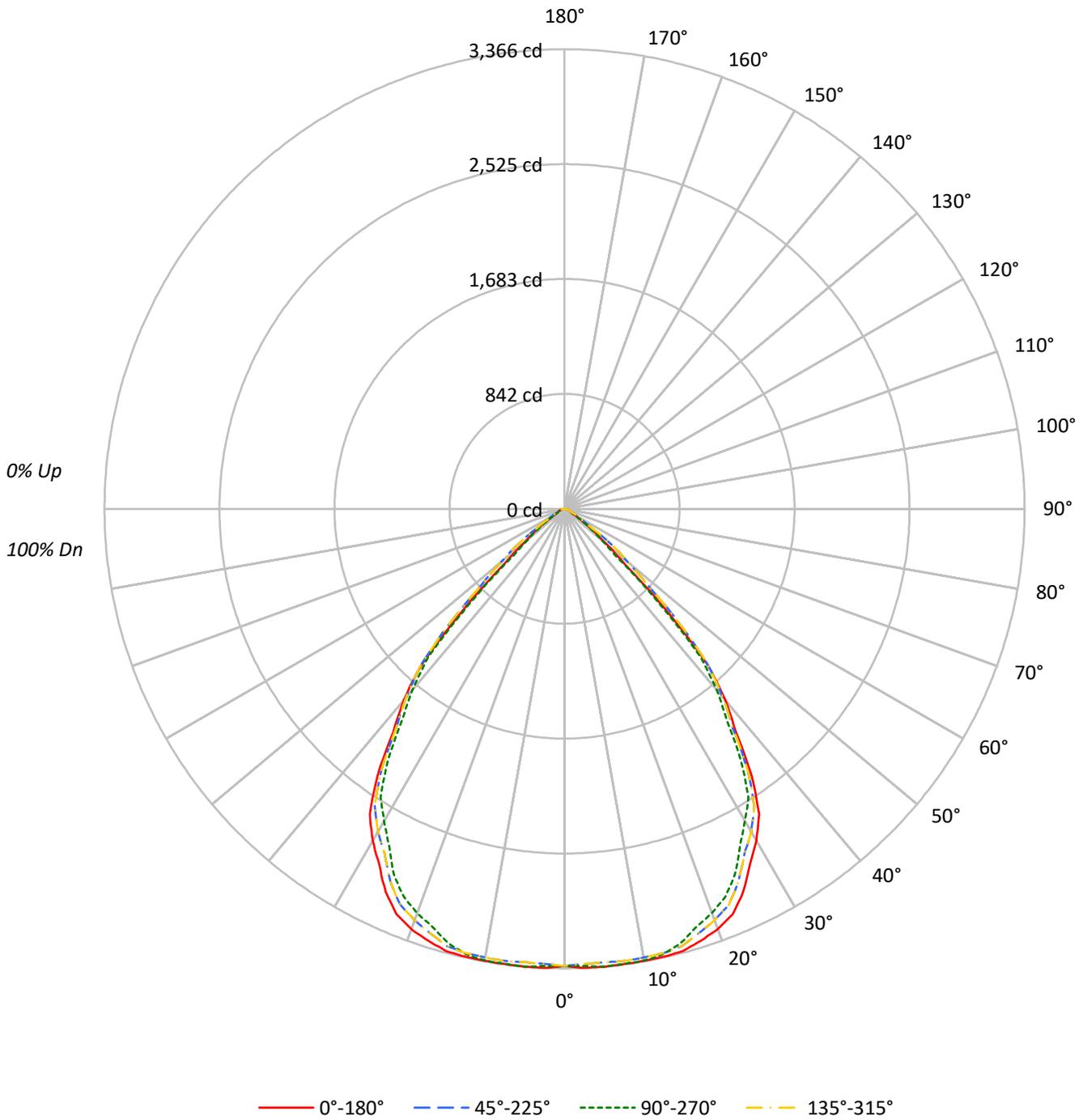
Lumens per Lamp: N/A
Luminaire Lumens: 5237.8 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.18 / 1.17
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 49.8
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: P1428500

CATALOG NUMBER: SQ2W-WBM-0U-125D-L930-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1428500

CATALOG NUMBER: SQ2W-WBM-0U-125D-L930-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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | |
| 1 | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 94 | 93 | 91 | | | | |
| 2 | 106 | 100 | 95 | 91 | 103 | 98 | 94 | 90 | 95 | 91 | 88 | 92 | 89 | 86 | 89 | 87 | 85 | 83 | | | | |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 80 | 87 | 83 | 79 | 85 | 81 | 78 | 83 | 79 | 77 | 75 | | | | |
| 4 | 93 | 84 | 78 | 73 | 91 | 83 | 77 | 72 | 81 | 75 | 71 | 79 | 74 | 70 | 77 | 73 | 70 | 68 | | | | |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 70 | 65 | 74 | 69 | 65 | 73 | 68 | 64 | 71 | 67 | 63 | 62 | | | | |
| 6 | 82 | 71 | 64 | 59 | 80 | 70 | 64 | 59 | 69 | 63 | 59 | 67 | 62 | 58 | 66 | 61 | 58 | 56 | | | | |
| 7 | 77 | 66 | 59 | 54 | 75 | 65 | 59 | 54 | 64 | 58 | 54 | 63 | 57 | 53 | 61 | 57 | 53 | 51 | | | | |
| 8 | 72 | 61 | 54 | 49 | 71 | 61 | 54 | 49 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 47 | | | | |
| 9 | 68 | 57 | 50 | 45 | 67 | 56 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 53 | 48 | 45 | 43 | | | | |
| 10 | 64 | 53 | 46 | 42 | 63 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 45 | 42 | 50 | 45 | 41 | 40 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 54063 | 54063 | 54063 | 54063 |
| 5° | 54557 | 54531 | 54557 | 54531 |
| 10° | 55107 | 55081 | 55107 | 55081 |
| 15° | 56024 | 55031 | 56024 | 55031 |
| 20° | 56293 | 54141 | 56293 | 54141 |
| 25° | 55135 | 52617 | 55135 | 52617 |
| 30° | 52311 | 49200 | 52311 | 49200 |
| 35° | 47048 | 44389 | 47048 | 44389 |
| 40° | 38570 | 36538 | 38570 | 36538 |
| 45° | 24116 | 22651 | 24116 | 22651 |
| 50° | 9434 | 8628 | 9434 | 8628 |
| 55° | 4653 | 4608 | 4653 | 4608 |
| 60° | 2176 | 1970 | 2176 | 1970 |
| 65° | 1964 | 1841 | 1964 | 1841 |
| 70° | 1893 | 1817 | 1893 | 1817 |
| 75° | 1903 | 1703 | 1903 | 1703 |
| 80° | 1794 | 1646 | 1794 | 1646 |
| 85° | 1778 | 1482 | 1778 | 1482 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°
 Vertical Angle: 45°
 Luminance: 27452 cd/sqm

TEST NUMBER: P1428500

CATALOG NUMBER: SQ2W-WBM-0U-125D-L930-UNV-STD-W-WM-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 320.2 | 6.1 |
| 10°-20° | 936.2 | 17.9 |
| 20°-30° | 1384.2 | 26.4 |
| 30°-40° | 1432.1 | 27.3 |
| 40°-50° | 861.4 | 16.4 |
| 50°-60° | 205.9 | 3.9 |
| 60°-70° | 56.3 | 1.1 |
| 70°-80° | 31.5 | 0.6 |
| 80°-90° | 9.9 | 0.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 2640.5 | 50.4 |
| 0°-40° | 4072.6 | 77.8 |
| 0°-60° | 5140.0 | 98.1 |
| 0°-90° | 5237.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5237.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3348 | 3348 | 3348 | 3348 | 3348 | |
| 5° | 3366 | 3365 | 3366 | 3365 | 3366 | 321 |
| 15° | 3352 | 3292 | 3352 | 3292 | 3352 | 945 |
| 25° | 3095 | 2954 | 3095 | 2954 | 3095 | 1415 |
| 35° | 2387 | 2252 | 2387 | 2252 | 2387 | 1465 |
| 45° | 1056 | 992 | 1056 | 992 | 1056 | 817 |
| 55° | 165 | 164 | 165 | 164 | 165 | 166 |
| 65° | 51 | 48 | 51 | 48 | 51 | 52 |
| 75° | 30 | 27 | 30 | 27 | 30 | 32 |
| 85° | 10 | 8 | 10 | 8 | 10 | 10 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1428500

CATALOG NUMBER: SQ2W-WBM-OU-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 |
| 2.5° | 3365.2 | 3361.2 | 3357.2 | 3347.2 | 3335.2 | 3335.5 | 3348.1 | 3356.8 | 3353.9 | 3351.1 | 3353.9 |
| 5° | 3366.2 | 3361.2 | 3356.2 | 3344.8 | 3331.2 | 3334.4 | 3354.4 | 3368.8 | 3366.7 | 3364.6 | 3366.7 |
| 7.5° | 3362.6 | 3360.5 | 3358.4 | 3350.0 | 3339.6 | 3341.9 | 3357.1 | 3367.6 | 3364.3 | 3361.0 | 3364.3 |
| 10° | 3361.3 | 3362.1 | 3362.8 | 3351.7 | 3336.7 | 3337.1 | 3352.8 | 3364.0 | 3361.9 | 3359.7 | 3361.9 |
| 12.5° | 3360.1 | 3365.9 | 3371.8 | 3356.9 | 3335.0 | 3330.2 | 3342.5 | 3350.5 | 3345.5 | 3340.5 | 3345.5 |
| 15° | 3351.7 | 3363.1 | 3374.5 | 3354.4 | 3323.7 | 3308.4 | 3308.4 | 3306.6 | 3299.5 | 3292.3 | 3299.5 |
| 17.5° | 3316.1 | 3329.6 | 3343.2 | 3315.9 | 3274.9 | 3248.9 | 3238.0 | 3227.5 | 3218.8 | 3210.1 | 3218.8 |
| 20° | 3276.3 | 3289.8 | 3303.4 | 3270.9 | 3223.1 | 3190.3 | 3172.5 | 3158.2 | 3154.6 | 3151.1 | 3154.6 |
| 22.5° | 3213.3 | 3228.0 | 3242.7 | 3208.0 | 3156.8 | 3121.4 | 3101.8 | 3085.7 | 3079.9 | 3074.0 | 3079.9 |
| 25° | 3094.9 | 3106.3 | 3117.7 | 3081.5 | 3029.4 | 2996.2 | 2982.0 | 2969.3 | 2961.5 | 2953.6 | 2961.5 |
| 27.5° | 2936.9 | 2943.2 | 2949.5 | 2914.5 | 2865.7 | 2833.1 | 2816.9 | 2801.9 | 2791.1 | 2780.3 | 2791.1 |
| 30° | 2805.9 | 2808.8 | 2811.6 | 2783.5 | 2744.9 | 2715.0 | 2693.6 | 2673.2 | 2656.1 | 2639.0 | 2656.1 |
| 32.5° | 2650.6 | 2653.4 | 2656.3 | 2631.5 | 2597.5 | 2570.4 | 2550.2 | 2531.6 | 2517.9 | 2504.2 | 2517.9 |
| 35° | 2387.0 | 2385.5 | 2384.1 | 2368.2 | 2347.6 | 2325.4 | 2301.9 | 2280.7 | 2266.4 | 2252.1 | 2266.4 |
| 37.5° | 2057.3 | 2059.3 | 2061.3 | 2049.4 | 2033.0 | 2015.6 | 1997.0 | 1979.5 | 1965.1 | 1950.7 | 1965.1 |
| 40° | 1830.0 | 1831.4 | 1832.8 | 1823.0 | 1809.4 | 1789.1 | 1762.0 | 1740.8 | 1737.2 | 1733.6 | 1737.2 |
| 42.5° | 1552.6 | 1574.0 | 1595.4 | 1586.7 | 1568.0 | 1548.3 | 1527.4 | 1507.6 | 1490.9 | 1474.2 | 1490.9 |
| 45° | 1056.2 | 1121.2 | 1186.1 | 1202.3 | 1202.3 | 1189.8 | 1164.9 | 1129.0 | 1060.5 | 992.0 | 1060.5 |
| 47.5° | 596.5 | 670.4 | 744.3 | 792.9 | 833.0 | 815.9 | 741.7 | 665.3 | 582.1 | 498.9 | 582.1 |
| 50° | 375.6 | 425.6 | 475.5 | 537.8 | 604.1 | 585.9 | 483.2 | 399.2 | 371.3 | 343.5 | 371.3 |
| 52.5° | 266.5 | 291.9 | 317.3 | 375.9 | 445.7 | 437.2 | 350.5 | 281.7 | 267.0 | 252.3 | 267.0 |
| 55° | 165.3 | 174.6 | 183.9 | 212.4 | 247.4 | 245.2 | 206.0 | 175.1 | 169.4 | 163.7 | 169.4 |
| 57.5° | 98.2 | 107.8 | 117.4 | 130.0 | 143.7 | 143.7 | 130.0 | 117.5 | 108.5 | 99.5 | 108.5 |
| 60° | 67.4 | 75.3 | 83.1 | 93.6 | 105.1 | 103.6 | 89.4 | 76.7 | 68.8 | 61.0 | 68.8 |
| 62.5° | 58.4 | 61.7 | 65.0 | 73.1 | 82.8 | 81.9 | 70.5 | 61.3 | 58.6 | 55.9 | 58.6 |
| 65° | 51.4 | 52.1 | 52.8 | 53.5 | 54.2 | 53.9 | 52.4 | 51.0 | 49.6 | 48.2 | 49.6 |
| 67.5° | 45.3 | 46.0 | 46.7 | 46.4 | 45.9 | 45.5 | 45.4 | 44.9 | 43.7 | 42.4 | 43.7 |
| 70° | 40.1 | 40.8 | 41.6 | 41.7 | 41.7 | 41.4 | 40.7 | 40.0 | 39.2 | 38.5 | 39.2 |
| 72.5° | 36.3 | 37.0 | 37.7 | 37.5 | 36.9 | 36.5 | 36.4 | 36.0 | 34.7 | 33.4 | 34.7 |
| 75° | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.1 | 29.4 | 28.7 | 28.0 | 27.3 | 28.0 |
| 77.5° | 23.1 | 23.8 | 24.5 | 24.2 | 23.5 | 23.1 | 23.1 | 22.9 | 22.2 | 21.5 | 22.2 |
| 80° | 19.3 | 20.0 | 20.7 | 20.3 | 19.6 | 19.3 | 19.3 | 19.1 | 18.4 | 17.7 | 18.4 |
| 82.5° | 15.4 | 15.6 | 15.7 | 15.6 | 15.5 | 15.4 | 15.4 | 15.2 | 14.5 | 13.8 | 14.5 |
| 85° | 9.6 | 9.6 | 9.6 | 9.1 | 8.4 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| 87.5° | 2.6 | 3.1 | 3.7 | 3.4 | 2.9 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1428500

CATALOG NUMBER: SQ2W-WBM-OU-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 |
| 2.5° | 3356.8 | 3348.1 | 3335.5 | 3335.2 | 3347.2 | 3357.2 | 3361.2 | 3365.2 | 3361.2 | 3357.2 | 3347.2 |
| 5° | 3368.8 | 3354.4 | 3334.4 | 3331.2 | 3344.8 | 3356.2 | 3361.2 | 3366.2 | 3361.2 | 3356.2 | 3344.8 |
| 7.5° | 3367.6 | 3357.1 | 3341.9 | 3339.6 | 3350.0 | 3358.4 | 3360.5 | 3362.6 | 3360.5 | 3358.4 | 3350.0 |
| 10° | 3364.0 | 3352.8 | 3337.1 | 3336.7 | 3351.7 | 3362.8 | 3362.1 | 3361.3 | 3362.1 | 3362.8 | 3351.7 |
| 12.5° | 3350.5 | 3342.5 | 3330.2 | 3335.0 | 3356.9 | 3371.8 | 3365.9 | 3360.1 | 3365.9 | 3371.8 | 3356.9 |
| 15° | 3306.6 | 3308.4 | 3308.4 | 3323.7 | 3354.4 | 3374.5 | 3363.1 | 3351.7 | 3363.1 | 3374.5 | 3354.4 |
| 17.5° | 3227.5 | 3238.0 | 3248.9 | 3274.9 | 3315.9 | 3343.2 | 3329.6 | 3316.1 | 3329.6 | 3343.2 | 3315.9 |
| 20° | 3158.2 | 3172.5 | 3190.3 | 3223.1 | 3270.9 | 3303.4 | 3289.8 | 3276.3 | 3289.8 | 3303.4 | 3270.9 |
| 22.5° | 3085.7 | 3101.8 | 3121.4 | 3156.8 | 3208.0 | 3242.7 | 3228.0 | 3213.3 | 3228.0 | 3242.7 | 3208.0 |
| 25° | 2969.3 | 2982.0 | 2996.2 | 3029.4 | 3081.5 | 3117.7 | 3106.3 | 3094.9 | 3106.3 | 3117.7 | 3081.5 |
| 27.5° | 2801.9 | 2816.9 | 2833.1 | 2865.7 | 2914.5 | 2949.5 | 2943.2 | 2936.9 | 2943.2 | 2949.5 | 2914.5 |
| 30° | 2673.2 | 2693.6 | 2715.0 | 2744.9 | 2783.5 | 2811.6 | 2808.8 | 2805.9 | 2808.8 | 2811.6 | 2783.5 |
| 32.5° | 2531.6 | 2550.2 | 2570.4 | 2597.5 | 2631.5 | 2656.3 | 2653.4 | 2650.6 | 2653.4 | 2656.3 | 2631.5 |
| 35° | 2280.7 | 2301.9 | 2325.4 | 2347.6 | 2368.2 | 2384.1 | 2385.5 | 2387.0 | 2385.5 | 2384.1 | 2368.2 |
| 37.5° | 1979.5 | 1997.0 | 2015.6 | 2033.0 | 2049.4 | 2061.3 | 2059.3 | 2057.3 | 2059.3 | 2061.3 | 2049.4 |
| 40° | 1740.8 | 1762.0 | 1789.1 | 1809.4 | 1823.0 | 1832.8 | 1831.4 | 1830.0 | 1831.4 | 1832.8 | 1823.0 |
| 42.5° | 1507.6 | 1527.4 | 1548.3 | 1568.0 | 1586.7 | 1595.4 | 1574.0 | 1552.6 | 1574.0 | 1595.4 | 1586.7 |
| 45° | 1129.0 | 1164.9 | 1189.8 | 1202.3 | 1202.3 | 1186.1 | 1121.2 | 1056.2 | 1121.2 | 1186.1 | 1202.3 |
| 47.5° | 665.3 | 741.7 | 815.9 | 833.0 | 792.9 | 744.3 | 670.4 | 596.5 | 670.4 | 744.3 | 792.9 |
| 50° | 399.2 | 483.2 | 585.9 | 604.1 | 537.8 | 475.5 | 425.6 | 375.6 | 425.6 | 475.5 | 537.8 |
| 52.5° | 281.7 | 350.5 | 437.2 | 445.7 | 375.9 | 317.3 | 291.9 | 266.5 | 291.9 | 317.3 | 375.9 |
| 55° | 175.1 | 206.0 | 245.2 | 247.4 | 212.4 | 183.9 | 174.6 | 165.3 | 174.6 | 183.9 | 212.4 |
| 57.5° | 117.5 | 130.0 | 143.7 | 143.7 | 130.0 | 117.4 | 107.8 | 98.2 | 107.8 | 117.4 | 130.0 |
| 60° | 76.7 | 89.4 | 103.6 | 105.1 | 93.6 | 83.1 | 75.3 | 67.4 | 75.3 | 83.1 | 93.6 |
| 62.5° | 61.3 | 70.5 | 81.9 | 82.8 | 73.1 | 65.0 | 61.7 | 58.4 | 61.7 | 65.0 | 73.1 |
| 65° | 51.0 | 52.4 | 53.9 | 54.2 | 53.5 | 52.8 | 52.1 | 51.4 | 52.1 | 52.8 | 53.5 |
| 67.5° | 44.9 | 45.4 | 45.5 | 45.9 | 46.4 | 46.7 | 46.0 | 45.3 | 46.0 | 46.7 | 46.4 |
| 70° | 40.0 | 40.7 | 41.4 | 41.7 | 41.7 | 41.6 | 40.8 | 40.1 | 40.8 | 41.6 | 41.7 |
| 72.5° | 36.0 | 36.4 | 36.5 | 36.9 | 37.5 | 37.7 | 37.0 | 36.3 | 37.0 | 37.7 | 37.5 |
| 75° | 28.7 | 29.4 | 30.1 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 |
| 77.5° | 22.9 | 23.1 | 23.1 | 23.5 | 24.2 | 24.5 | 23.8 | 23.1 | 23.8 | 24.5 | 24.2 |
| 80° | 19.1 | 19.3 | 19.3 | 19.6 | 20.3 | 20.7 | 20.0 | 19.3 | 20.0 | 20.7 | 20.3 |
| 82.5° | 15.2 | 15.4 | 15.4 | 15.5 | 15.6 | 15.7 | 15.6 | 15.4 | 15.6 | 15.7 | 15.6 |
| 85° | 8.0 | 8.0 | 8.0 | 8.4 | 9.1 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.1 |
| 87.5° | 2.6 | 2.6 | 2.6 | 2.9 | 3.4 | 3.7 | 3.1 | 2.6 | 3.1 | 3.7 | 3.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1428500

CATALOG NUMBER: SQ2W-WBM-OU-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 | 3348.5 |
| 2.5° | 3335.2 | 3335.5 | 3348.1 | 3356.8 | 3353.9 | 3351.1 | 3353.9 | 3356.8 | 3348.1 | 3335.5 | 3335.2 |
| 5° | 3331.2 | 3334.4 | 3354.4 | 3368.8 | 3366.7 | 3364.6 | 3366.7 | 3368.8 | 3354.4 | 3334.4 | 3331.2 |
| 7.5° | 3339.6 | 3341.9 | 3357.1 | 3367.6 | 3364.3 | 3361.0 | 3364.3 | 3367.6 | 3357.1 | 3341.9 | 3339.6 |
| 10° | 3336.7 | 3337.1 | 3352.8 | 3364.0 | 3361.9 | 3359.7 | 3361.9 | 3364.0 | 3352.8 | 3337.1 | 3336.7 |
| 12.5° | 3335.0 | 3330.2 | 3342.5 | 3350.5 | 3345.5 | 3340.5 | 3345.5 | 3350.5 | 3342.5 | 3330.2 | 3335.0 |
| 15° | 3323.7 | 3308.4 | 3308.4 | 3306.6 | 3299.5 | 3292.3 | 3299.5 | 3306.6 | 3308.4 | 3308.4 | 3323.7 |
| 17.5° | 3274.9 | 3248.9 | 3238.0 | 3227.5 | 3218.8 | 3210.1 | 3218.8 | 3227.5 | 3238.0 | 3248.9 | 3274.9 |
| 20° | 3223.1 | 3190.3 | 3172.5 | 3158.2 | 3154.6 | 3151.1 | 3154.6 | 3158.2 | 3172.5 | 3190.3 | 3223.1 |
| 22.5° | 3156.8 | 3121.4 | 3101.8 | 3085.7 | 3079.9 | 3074.0 | 3079.9 | 3085.7 | 3101.8 | 3121.4 | 3156.8 |
| 25° | 3029.4 | 2996.2 | 2982.0 | 2969.3 | 2961.5 | 2953.6 | 2961.5 | 2969.3 | 2982.0 | 2996.2 | 3029.4 |
| 27.5° | 2865.7 | 2833.1 | 2816.9 | 2801.9 | 2791.1 | 2780.3 | 2791.1 | 2801.9 | 2816.9 | 2833.1 | 2865.7 |
| 30° | 2744.9 | 2715.0 | 2693.6 | 2673.2 | 2656.1 | 2639.0 | 2656.1 | 2673.2 | 2693.6 | 2715.0 | 2744.9 |
| 32.5° | 2597.5 | 2570.4 | 2550.2 | 2531.6 | 2517.9 | 2504.2 | 2517.9 | 2531.6 | 2550.2 | 2570.4 | 2597.5 |
| 35° | 2347.6 | 2325.4 | 2301.9 | 2280.7 | 2266.4 | 2252.1 | 2266.4 | 2280.7 | 2301.9 | 2325.4 | 2347.6 |
| 37.5° | 2033.0 | 2015.6 | 1997.0 | 1979.5 | 1965.1 | 1950.7 | 1965.1 | 1979.5 | 1997.0 | 2015.6 | 2033.0 |
| 40° | 1809.4 | 1789.1 | 1762.0 | 1740.8 | 1737.2 | 1733.6 | 1737.2 | 1740.8 | 1762.0 | 1789.1 | 1809.4 |
| 42.5° | 1568.0 | 1548.3 | 1527.4 | 1507.6 | 1490.9 | 1474.2 | 1490.9 | 1507.6 | 1527.4 | 1548.3 | 1568.0 |
| 45° | 1202.3 | 1189.8 | 1164.9 | 1129.0 | 1060.5 | 992.0 | 1060.5 | 1129.0 | 1164.9 | 1189.8 | 1202.3 |
| 47.5° | 833.0 | 815.9 | 741.7 | 665.3 | 582.1 | 498.9 | 582.1 | 665.3 | 741.7 | 815.9 | 833.0 |
| 50° | 604.1 | 585.9 | 483.2 | 399.2 | 371.3 | 343.5 | 371.3 | 399.2 | 483.2 | 585.9 | 604.1 |
| 52.5° | 445.7 | 437.2 | 350.5 | 281.7 | 267.0 | 252.3 | 267.0 | 281.7 | 350.5 | 437.2 | 445.7 |
| 55° | 247.4 | 245.2 | 206.0 | 175.1 | 169.4 | 163.7 | 169.4 | 175.1 | 206.0 | 245.2 | 247.4 |
| 57.5° | 143.7 | 143.7 | 130.0 | 117.5 | 108.5 | 99.5 | 108.5 | 117.5 | 130.0 | 143.7 | 143.7 |
| 60° | 105.1 | 103.6 | 89.4 | 76.7 | 68.8 | 61.0 | 68.8 | 76.7 | 89.4 | 103.6 | 105.1 |
| 62.5° | 82.8 | 81.9 | 70.5 | 61.3 | 58.6 | 55.9 | 58.6 | 61.3 | 70.5 | 81.9 | 82.8 |
| 65° | 54.2 | 53.9 | 52.4 | 51.0 | 49.6 | 48.2 | 49.6 | 51.0 | 52.4 | 53.9 | 54.2 |
| 67.5° | 45.9 | 45.5 | 45.4 | 44.9 | 43.7 | 42.4 | 43.7 | 44.9 | 45.4 | 45.5 | 45.9 |
| 70° | 41.7 | 41.4 | 40.7 | 40.0 | 39.2 | 38.5 | 39.2 | 40.0 | 40.7 | 41.4 | 41.7 |
| 72.5° | 36.9 | 36.5 | 36.4 | 36.0 | 34.7 | 33.4 | 34.7 | 36.0 | 36.4 | 36.5 | 36.9 |
| 75° | 30.5 | 30.1 | 29.4 | 28.7 | 28.0 | 27.3 | 28.0 | 28.7 | 29.4 | 30.1 | 30.5 |
| 77.5° | 23.5 | 23.1 | 23.1 | 22.9 | 22.2 | 21.5 | 22.2 | 22.9 | 23.1 | 23.1 | 23.5 |
| 80° | 19.6 | 19.3 | 19.3 | 19.1 | 18.4 | 17.7 | 18.4 | 19.1 | 19.3 | 19.3 | 19.6 |
| 82.5° | 15.5 | 15.4 | 15.4 | 15.2 | 14.5 | 13.8 | 14.5 | 15.2 | 15.4 | 15.4 | 15.5 |
| 85° | 8.4 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.4 |
| 87.5° | 2.9 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1428500

CATALOG NUMBER: SQ2W-WBM-0U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|--------|--------|--------|--------|
| 0° | 3348.5 | 3348.5 | 3348.5 | 3348.5 |
| 2.5° | 3347.2 | 3357.2 | 3361.2 | 3365.2 |
| 5° | 3344.8 | 3356.2 | 3361.2 | 3366.2 |
| 7.5° | 3350.0 | 3358.4 | 3360.5 | 3362.6 |
| 10° | 3351.7 | 3362.8 | 3362.1 | 3361.3 |
| 12.5° | 3356.9 | 3371.8 | 3365.9 | 3360.1 |
| 15° | 3354.4 | 3374.5 | 3363.1 | 3351.7 |
| 17.5° | 3315.9 | 3343.2 | 3329.6 | 3316.1 |
| 20° | 3270.9 | 3303.4 | 3289.8 | 3276.3 |
| 22.5° | 3208.0 | 3242.7 | 3228.0 | 3213.3 |
| 25° | 3081.5 | 3117.7 | 3106.3 | 3094.9 |
| 27.5° | 2914.5 | 2949.5 | 2943.2 | 2936.9 |
| 30° | 2783.5 | 2811.6 | 2808.8 | 2805.9 |
| 32.5° | 2631.5 | 2656.3 | 2653.4 | 2650.6 |
| 35° | 2368.2 | 2384.1 | 2385.5 | 2387.0 |
| 37.5° | 2049.4 | 2061.3 | 2059.3 | 2057.3 |
| 40° | 1823.0 | 1832.8 | 1831.4 | 1830.0 |
| 42.5° | 1586.7 | 1595.4 | 1574.0 | 1552.6 |
| 45° | 1202.3 | 1186.1 | 1121.2 | 1056.2 |
| 47.5° | 792.9 | 744.3 | 670.4 | 596.5 |
| 50° | 537.8 | 475.5 | 425.6 | 375.6 |
| 52.5° | 375.9 | 317.3 | 291.9 | 266.5 |
| 55° | 212.4 | 183.9 | 174.6 | 165.3 |
| 57.5° | 130.0 | 117.4 | 107.8 | 98.2 |
| 60° | 93.6 | 83.1 | 75.3 | 67.4 |
| 62.5° | 73.1 | 65.0 | 61.7 | 58.4 |
| 65° | 53.5 | 52.8 | 52.1 | 51.4 |
| 67.5° | 46.4 | 46.7 | 46.0 | 45.3 |
| 70° | 41.7 | 41.6 | 40.8 | 40.1 |
| 72.5° | 37.5 | 37.7 | 37.0 | 36.3 |
| 75° | 30.5 | 30.5 | 30.5 | 30.5 |
| 77.5° | 24.2 | 24.5 | 23.8 | 23.1 |
| 80° | 20.3 | 20.7 | 20.0 | 19.3 |
| 82.5° | 15.6 | 15.7 | 15.6 | 15.4 |
| 85° | 9.1 | 9.6 | 9.6 | 9.6 |
| 87.5° | 3.4 | 3.7 | 3.1 | 2.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1428500
 CATALOG NUMBER: SQ2W-WBM-0U-125D-L930-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 | 9.99 | 11.17 | 10.36 | 11.48 | 11.80 | 9.97 | 11.15 | 10.34 | 11.46 | 11.78 |
| | 3H | 10.71 | 11.74 | 11.09 | 12.07 | 12.44 | 10.62 | 11.66 | 11.00 | 11.99 | 12.36 |
| | 4H | 11.09 | 12.05 | 11.49 | 12.40 | 12.79 | 10.95 | 11.91 | 11.35 | 12.26 | 12.64 |
| | 6H | 11.37 | 12.25 | 11.79 | 12.62 | 13.02 | 11.19 | 12.07 | 11.61 | 12.45 | 12.84 |
| | 8H | 11.50 | 12.33 | 11.93 | 12.72 | 13.13 | 11.30 | 12.13 | 11.73 | 12.52 | 12.93 |
| | 12H | 11.59 | 12.38 | 12.02 | 12.76 | 13.19 | 11.36 | 12.15 | 11.79 | 12.54 | 12.97 |
| 4H | 2H | 10.13 | 11.09 | 10.53 | 11.44 | 11.83 | 10.11 | 11.07 | 10.52 | 11.42 | 11.81 |
| | 3H | 11.10 | 11.87 | 11.51 | 12.28 | 12.69 | 11.01 | 11.79 | 11.43 | 12.20 | 12.60 |
| | 4H | 11.61 | 12.30 | 12.05 | 12.72 | 13.17 | 11.46 | 12.15 | 11.90 | 12.57 | 13.02 |
| | 6H | 12.05 | 12.64 | 12.52 | 13.09 | 13.56 | 11.85 | 12.44 | 12.32 | 12.89 | 13.36 |
| | 8H | 12.24 | 12.79 | 12.71 | 13.24 | 13.71 | 12.01 | 12.57 | 12.49 | 13.01 | 13.49 |
| | 12H | 12.38 | 12.86 | 12.86 | 13.35 | 13.82 | 12.12 | 12.60 | 12.60 | 13.09 | 13.56 |
| 8H | 4H | 11.74 | 12.29 | 12.21 | 12.74 | 13.21 | 11.60 | 12.16 | 12.08 | 12.60 | 13.08 |
| | 6H | 12.31 | 12.76 | 12.82 | 13.26 | 13.75 | 12.12 | 12.57 | 12.63 | 13.07 | 13.55 |
| | 8H | 12.59 | 13.00 | 13.12 | 13.52 | 14.01 | 12.38 | 12.78 | 12.90 | 13.30 | 13.79 |
| | 12H | 12.82 | 13.18 | 13.34 | 13.67 | 14.25 | 12.55 | 12.91 | 13.07 | 13.41 | 13.98 |
| 12H | 4H | 11.73 | 12.21 | 12.22 | 12.70 | 13.18 | 11.60 | 12.08 | 12.09 | 12.57 | 13.05 |
| | 6H | 12.34 | 12.74 | 12.87 | 13.26 | 13.76 | 12.16 | 12.56 | 12.68 | 13.08 | 13.57 |
| | 8H | 12.68 | 13.03 | 13.19 | 13.53 | 14.10 | 12.47 | 12.83 | 12.99 | 13.32 | 13.90 |