

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: P1428346

Luminaire Tested: SQ2W-PW1-0U-125D-L940-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428346
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-PW1-0U-125D-L940-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE WAVES LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

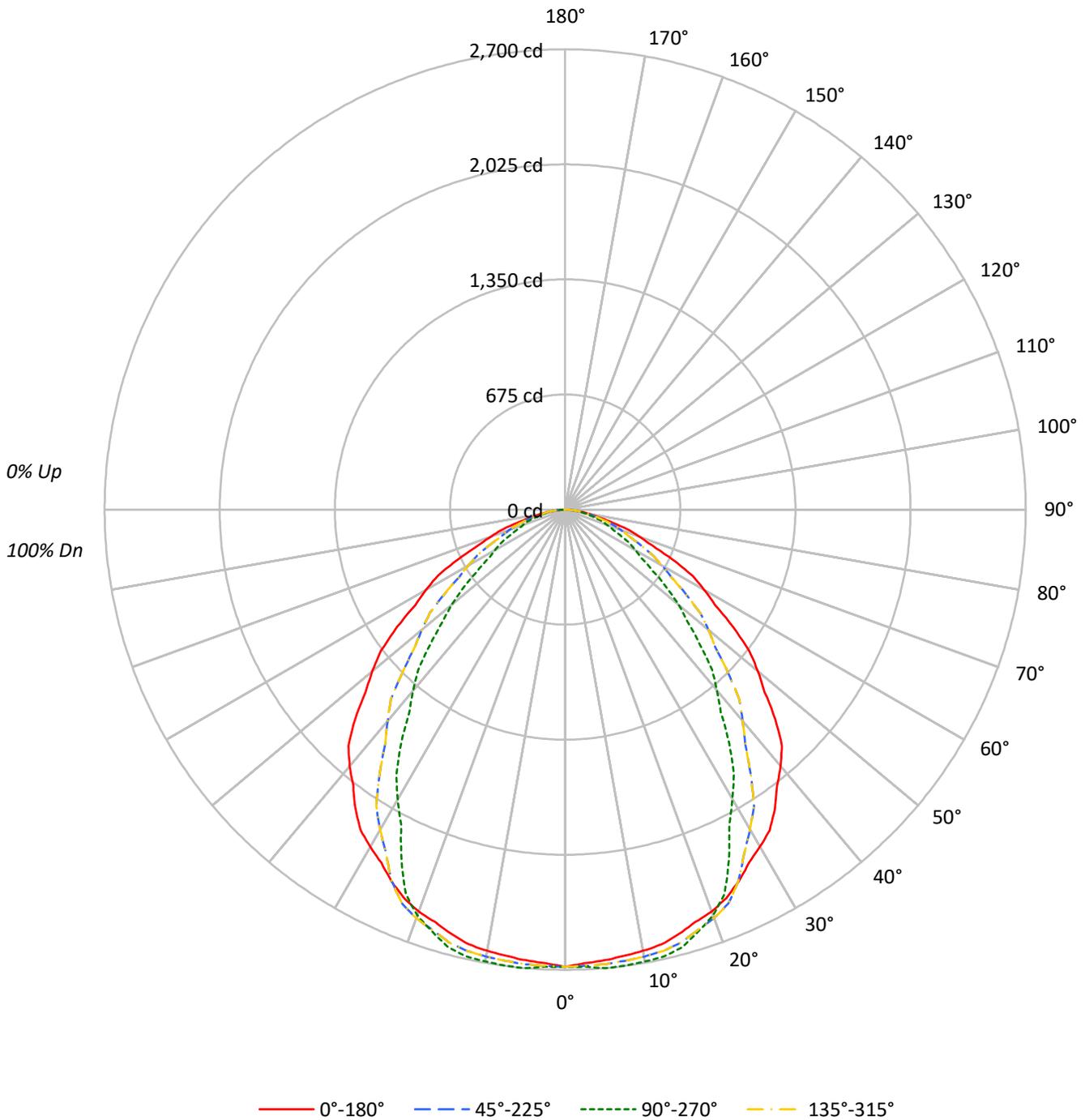
Lumens per Lamp: N/A
Luminaire Lumens: 5951.9 lumens
Efficiency: N/A
Efficacy: 121.0 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.11 / 1.23
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 49.2
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: P1428346

CATALOG NUMBER: SQ2W-PW1-0U-125D-L940-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1428346

CATALOG NUMBER: SQ2W-PW1-0U-125D-L940-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 | | | | 100 |
| 1 | 110 | 106 | 102 | 99 | 108 | 104 | 100 | 97 | 100 | 97 | 94 | 96 | 93 | 91 | 92 | 90 | 89 | 87 | | | | 87 |
| 2 | 101 | 94 | 88 | 83 | 99 | 92 | 87 | 82 | 89 | 84 | 80 | 85 | 82 | 78 | 82 | 79 | 76 | 74 | | | | 74 |
| 3 | 93 | 84 | 76 | 70 | 91 | 82 | 75 | 70 | 79 | 73 | 69 | 77 | 72 | 67 | 74 | 70 | 66 | 64 | | | | 64 |
| 4 | 86 | 75 | 67 | 61 | 84 | 74 | 66 | 61 | 71 | 65 | 60 | 69 | 63 | 59 | 67 | 62 | 58 | 56 | | | | 56 |
| 5 | 80 | 68 | 59 | 53 | 78 | 67 | 59 | 53 | 65 | 58 | 52 | 63 | 57 | 52 | 61 | 56 | 51 | 49 | | | | 49 |
| 6 | 74 | 62 | 53 | 47 | 72 | 61 | 53 | 47 | 59 | 52 | 47 | 57 | 51 | 46 | 56 | 50 | 46 | 44 | | | | 44 |
| 7 | 69 | 56 | 48 | 42 | 67 | 55 | 48 | 42 | 54 | 47 | 42 | 52 | 46 | 41 | 51 | 46 | 41 | 39 | | | | 39 |
| 8 | 64 | 52 | 44 | 38 | 63 | 51 | 43 | 38 | 50 | 43 | 38 | 48 | 42 | 37 | 47 | 42 | 37 | 35 | | | | 35 |
| 9 | 60 | 48 | 40 | 35 | 59 | 47 | 40 | 34 | 46 | 39 | 34 | 45 | 39 | 34 | 44 | 38 | 34 | 32 | | | | 32 |
| 10 | 57 | 44 | 37 | 32 | 55 | 44 | 36 | 31 | 43 | 36 | 31 | 42 | 36 | 31 | 41 | 35 | 31 | 29 | | | | 29 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 43307 | 43307 | 43307 | 43307 |
| 5° | 43017 | 43763 | 43017 | 43763 |
| 10° | 43097 | 44143 | 43097 | 44143 |
| 15° | 43085 | 44409 | 43085 | 44409 |
| 20° | 43102 | 43540 | 43102 | 43540 |
| 25° | 42869 | 40457 | 42869 | 40457 |
| 30° | 42578 | 36576 | 42578 | 36576 |
| 35° | 42245 | 33030 | 42245 | 33030 |
| 40° | 41405 | 29183 | 41405 | 29183 |
| 45° | 39780 | 25489 | 39780 | 25489 |
| 50° | 37024 | 21818 | 37024 | 21818 |
| 55° | 33869 | 17689 | 33869 | 17689 |
| 60° | 30357 | 15261 | 30357 | 15261 |
| 65° | 26544 | 13566 | 26544 | 13566 |
| 70° | 21706 | 12302 | 21706 | 12302 |
| 75° | 16893 | 11316 | 16893 | 11316 |
| 80° | 12589 | 9977 | 12589 | 9977 |
| 85° | 8521 | 5687 | 8521 | 5687 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 39780 cd/sqm



TEST NUMBER: P1428346

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 255.4 | 4.3 |
| 10°-20° | 740.1 | 12.4 |
| 20°-30° | 1089.1 | 18.3 |
| 30°-40° | 1190.8 | 20.0 |
| 40°-50° | 1068.2 | 17.9 |
| 50°-60° | 796.8 | 13.4 |
| 60°-70° | 503.6 | 8.5 |
| 70°-80° | 249.5 | 4.2 |
| 80°-90° | 58.4 | 1.0 |
| 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° | 2084.5 | 35.0 |
| 0°-40° | 3275.3 | 55.0 |
| 0°-60° | 5140.4 | 86.4 |
| 0°-90° | 5951.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5951.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2682 | 2682 | 2682 | 2682 | 2682 | |
| 5° | 2654 | 2700 | 2654 | 2700 | 2654 | 253 |
| 15° | 2578 | 2657 | 2578 | 2657 | 2578 | 728 |
| 25° | 2406 | 2271 | 2406 | 2271 | 2406 | 1108 |
| 35° | 2143 | 1676 | 2143 | 1676 | 2143 | 1337 |
| 45° | 1742 | 1116 | 1742 | 1116 | 1742 | 1336 |
| 55° | 1203 | 628 | 1203 | 628 | 1203 | 1074 |
| 65° | 695 | 355 | 695 | 355 | 695 | 689 |
| 75° | 271 | 181 | 271 | 181 | 271 | 298 |
| 85° | 46 | 31 | 46 | 31 | 46 | 60 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1428346

CATALOG NUMBER: SQ2W-PW1-0U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 |
| 2.5° | 2663.9 | 2679.4 | 2694.8 | 2691.2 | 2681.2 | 2676.6 | 2677.5 | 2678.9 | 2681.6 | 2684.3 | 2681.6 |
| 5° | 2654.2 | 2673.5 | 2692.8 | 2690.0 | 2679.7 | 2675.2 | 2676.3 | 2679.7 | 2690.0 | 2700.2 | 2690.0 |
| 7.5° | 2640.9 | 2660.4 | 2680.0 | 2679.1 | 2671.3 | 2669.4 | 2673.3 | 2678.7 | 2688.7 | 2698.7 | 2688.7 |
| 10° | 2628.7 | 2649.1 | 2669.5 | 2669.5 | 2662.7 | 2662.1 | 2667.8 | 2674.4 | 2683.4 | 2692.5 | 2683.4 |
| 12.5° | 2612.3 | 2633.7 | 2655.0 | 2656.6 | 2651.6 | 2652.4 | 2659.0 | 2666.2 | 2675.3 | 2684.3 | 2675.3 |
| 15° | 2577.6 | 2600.3 | 2623.0 | 2627.8 | 2626.7 | 2630.1 | 2638.0 | 2645.4 | 2651.1 | 2656.8 | 2651.1 |
| 17.5° | 2537.2 | 2559.9 | 2582.6 | 2587.1 | 2585.5 | 2585.7 | 2587.8 | 2590.0 | 2592.7 | 2595.4 | 2592.7 |
| 20° | 2508.6 | 2531.3 | 2554.0 | 2557.1 | 2553.7 | 2548.0 | 2540.1 | 2534.1 | 2534.1 | 2534.1 | 2534.1 |
| 22.5° | 2467.7 | 2492.2 | 2516.8 | 2516.9 | 2509.0 | 2494.2 | 2472.7 | 2454.7 | 2447.4 | 2440.1 | 2447.4 |
| 25° | 2406.4 | 2430.3 | 2454.1 | 2443.0 | 2420.3 | 2386.8 | 2342.5 | 2305.1 | 2288.0 | 2271.0 | 2288.0 |
| 27.5° | 2334.9 | 2354.2 | 2373.5 | 2344.6 | 2299.6 | 2245.7 | 2182.8 | 2129.7 | 2106.1 | 2082.5 | 2106.1 |
| 30° | 2283.8 | 2298.5 | 2313.3 | 2267.6 | 2201.8 | 2134.2 | 2064.9 | 2007.3 | 1984.6 | 1961.9 | 1984.6 |
| 32.5° | 2230.7 | 2236.3 | 2242.0 | 2181.8 | 2099.6 | 2022.5 | 1950.5 | 1890.4 | 1865.9 | 1841.3 | 1865.9 |
| 35° | 2143.3 | 2133.1 | 2122.9 | 2042.8 | 1939.5 | 1851.5 | 1778.8 | 1718.9 | 1697.4 | 1675.8 | 1697.4 |
| 37.5° | 2040.1 | 2009.7 | 1979.2 | 1889.0 | 1778.9 | 1685.8 | 1609.7 | 1546.7 | 1522.9 | 1499.0 | 1522.9 |
| 40° | 1964.5 | 1921.3 | 1878.2 | 1781.4 | 1666.7 | 1571.3 | 1495.3 | 1432.3 | 1408.4 | 1384.6 | 1408.4 |
| 42.5° | 1880.7 | 1826.6 | 1772.6 | 1673.1 | 1558.4 | 1463.0 | 1387.0 | 1323.7 | 1299.0 | 1274.2 | 1299.0 |
| 45° | 1742.2 | 1678.6 | 1615.1 | 1511.5 | 1394.5 | 1299.1 | 1225.3 | 1164.0 | 1140.2 | 1116.3 | 1140.2 |
| 47.5° | 1586.4 | 1523.3 | 1460.1 | 1356.8 | 1240.1 | 1146.0 | 1074.5 | 1015.7 | 995.3 | 974.8 | 995.3 |
| 50° | 1474.0 | 1412.7 | 1351.4 | 1252.6 | 1141.3 | 1049.9 | 978.4 | 918.5 | 893.5 | 868.6 | 893.5 |
| 52.5° | 1359.5 | 1304.6 | 1249.6 | 1154.5 | 1046.0 | 955.0 | 881.7 | 818.1 | 784.1 | 750.0 | 784.1 |
| 55° | 1203.2 | 1151.0 | 1098.8 | 1009.1 | 906.9 | 814.9 | 733.2 | 667.0 | 647.7 | 628.4 | 647.7 |
| 57.5° | 1042.3 | 997.1 | 951.9 | 871.3 | 778.9 | 695.5 | 621.3 | 561.6 | 545.7 | 529.8 | 545.7 |
| 60° | 940.1 | 900.3 | 860.6 | 783.4 | 693.7 | 617.6 | 555.2 | 504.4 | 488.5 | 472.6 | 488.5 |
| 62.5° | 842.0 | 806.8 | 771.6 | 697.6 | 610.6 | 542.3 | 492.5 | 451.9 | 438.8 | 425.6 | 438.8 |
| 65° | 694.8 | 668.7 | 642.6 | 581.6 | 508.9 | 452.2 | 411.3 | 377.8 | 366.4 | 355.1 | 366.4 |
| 67.5° | 551.8 | 537.3 | 522.7 | 477.0 | 420.9 | 375.0 | 339.1 | 310.3 | 302.8 | 295.3 | 302.8 |
| 70° | 459.8 | 455.3 | 450.7 | 413.0 | 364.2 | 325.0 | 295.5 | 271.9 | 266.2 | 260.6 | 266.2 |
| 72.5° | 380.1 | 381.9 | 383.8 | 352.4 | 309.9 | 277.1 | 253.9 | 235.6 | 231.7 | 227.9 | 231.7 |
| 75° | 270.8 | 279.9 | 289.0 | 268.2 | 237.6 | 214.3 | 198.4 | 185.9 | 183.6 | 181.4 | 183.6 |
| 77.5° | 184.4 | 198.1 | 211.7 | 198.2 | 175.8 | 158.6 | 146.8 | 137.5 | 135.7 | 133.9 | 135.7 |
| 80° | 135.4 | 149.0 | 162.6 | 153.3 | 136.2 | 123.2 | 114.1 | 107.3 | 107.3 | 107.3 | 107.3 |
| 82.5° | 94.5 | 105.4 | 116.3 | 109.7 | 97.2 | 88.7 | 84.1 | 80.7 | 80.7 | 80.7 | 80.7 |
| 85° | 46.0 | 51.7 | 57.3 | 55.3 | 50.8 | 45.1 | 38.3 | 32.9 | 31.8 | 30.7 | 31.8 |
| 87.5° | 12.3 | 15.0 | 17.7 | 15.0 | 10.4 | 7.7 | 6.8 | 6.1 | 6.1 | 6.1 | 6.1 |
| 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: P1428346

CATALOG NUMBER: SQ2W-PW1-0U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 |
| 2.5° | 2678.9 | 2677.5 | 2676.6 | 2681.2 | 2691.2 | 2694.8 | 2679.4 | 2663.9 | 2679.4 | 2694.8 | 2691.2 |
| 5° | 2679.7 | 2676.3 | 2675.2 | 2679.7 | 2690.0 | 2692.8 | 2673.5 | 2654.2 | 2673.5 | 2692.8 | 2690.0 |
| 7.5° | 2678.7 | 2673.3 | 2669.4 | 2671.3 | 2679.1 | 2680.0 | 2660.4 | 2640.9 | 2660.4 | 2680.0 | 2679.1 |
| 10° | 2674.4 | 2667.8 | 2662.1 | 2662.7 | 2669.5 | 2669.5 | 2649.1 | 2628.7 | 2649.1 | 2669.5 | 2669.5 |
| 12.5° | 2666.2 | 2659.0 | 2652.4 | 2651.6 | 2656.6 | 2655.0 | 2633.7 | 2612.3 | 2633.7 | 2655.0 | 2656.6 |
| 15° | 2645.4 | 2638.0 | 2630.1 | 2626.7 | 2627.8 | 2623.0 | 2600.3 | 2577.6 | 2600.3 | 2623.0 | 2627.8 |
| 17.5° | 2590.0 | 2587.8 | 2585.7 | 2585.5 | 2587.1 | 2582.6 | 2559.9 | 2537.2 | 2559.9 | 2582.6 | 2587.1 |
| 20° | 2534.1 | 2540.1 | 2548.0 | 2553.7 | 2557.1 | 2554.0 | 2531.3 | 2508.6 | 2531.3 | 2554.0 | 2557.1 |
| 22.5° | 2454.7 | 2472.7 | 2494.2 | 2509.0 | 2516.9 | 2516.8 | 2492.2 | 2467.7 | 2492.2 | 2516.8 | 2516.9 |
| 25° | 2305.1 | 2342.5 | 2386.8 | 2420.3 | 2443.0 | 2454.1 | 2430.3 | 2406.4 | 2430.3 | 2454.1 | 2443.0 |
| 27.5° | 2129.7 | 2182.8 | 2245.7 | 2299.6 | 2344.6 | 2373.5 | 2354.2 | 2334.9 | 2354.2 | 2373.5 | 2344.6 |
| 30° | 2007.3 | 2064.9 | 2134.2 | 2201.8 | 2267.6 | 2313.3 | 2298.5 | 2283.8 | 2298.5 | 2313.3 | 2267.6 |
| 32.5° | 1890.4 | 1950.5 | 2022.5 | 2099.6 | 2181.8 | 2242.0 | 2236.3 | 2230.7 | 2236.3 | 2242.0 | 2181.8 |
| 35° | 1718.9 | 1778.8 | 1851.5 | 1939.5 | 2042.8 | 2122.9 | 2133.1 | 2143.3 | 2133.1 | 2122.9 | 2042.8 |
| 37.5° | 1546.7 | 1609.7 | 1685.8 | 1778.9 | 1889.0 | 1979.2 | 2009.7 | 2040.1 | 2009.7 | 1979.2 | 1889.0 |
| 40° | 1432.3 | 1495.3 | 1571.3 | 1666.7 | 1781.4 | 1878.2 | 1921.3 | 1964.5 | 1921.3 | 1878.2 | 1781.4 |
| 42.5° | 1323.7 | 1387.0 | 1463.0 | 1558.4 | 1673.1 | 1772.6 | 1826.6 | 1880.7 | 1826.6 | 1772.6 | 1673.1 |
| 45° | 1164.0 | 1225.3 | 1299.1 | 1394.5 | 1511.5 | 1615.1 | 1678.6 | 1742.2 | 1678.6 | 1615.1 | 1511.5 |
| 47.5° | 1015.7 | 1074.5 | 1146.0 | 1240.1 | 1356.8 | 1460.1 | 1523.3 | 1586.4 | 1523.3 | 1460.1 | 1356.8 |
| 50° | 918.5 | 978.4 | 1049.9 | 1141.3 | 1252.6 | 1351.4 | 1412.7 | 1474.0 | 1412.7 | 1351.4 | 1252.6 |
| 52.5° | 818.1 | 881.7 | 955.0 | 1046.0 | 1154.5 | 1249.6 | 1304.6 | 1359.5 | 1304.6 | 1249.6 | 1154.5 |
| 55° | 667.0 | 733.2 | 814.9 | 906.9 | 1009.1 | 1098.8 | 1151.0 | 1203.2 | 1151.0 | 1098.8 | 1009.1 |
| 57.5° | 561.6 | 621.3 | 695.5 | 778.9 | 871.3 | 951.9 | 997.1 | 1042.3 | 997.1 | 951.9 | 871.3 |
| 60° | 504.4 | 555.2 | 617.6 | 693.7 | 783.4 | 860.6 | 900.3 | 940.1 | 900.3 | 860.6 | 783.4 |
| 62.5° | 451.9 | 492.5 | 542.3 | 610.6 | 697.6 | 771.6 | 806.8 | 842.0 | 806.8 | 771.6 | 697.6 |
| 65° | 377.8 | 411.3 | 452.2 | 508.9 | 581.6 | 642.6 | 668.7 | 694.8 | 668.7 | 642.6 | 581.6 |
| 67.5° | 310.3 | 339.1 | 375.0 | 420.9 | 477.0 | 522.7 | 537.3 | 551.8 | 537.3 | 522.7 | 477.0 |
| 70° | 271.9 | 295.5 | 325.0 | 364.2 | 413.0 | 450.7 | 455.3 | 459.8 | 455.3 | 450.7 | 413.0 |
| 72.5° | 235.6 | 253.9 | 277.1 | 309.9 | 352.4 | 383.8 | 381.9 | 380.1 | 381.9 | 383.8 | 352.4 |
| 75° | 185.9 | 198.4 | 214.3 | 237.6 | 268.2 | 289.0 | 279.9 | 270.8 | 279.9 | 289.0 | 268.2 |
| 77.5° | 137.5 | 146.8 | 158.6 | 175.8 | 198.2 | 211.7 | 198.1 | 184.4 | 198.1 | 211.7 | 198.2 |
| 80° | 107.3 | 114.1 | 123.2 | 136.2 | 153.3 | 162.6 | 149.0 | 135.4 | 149.0 | 162.6 | 153.3 |
| 82.5° | 80.7 | 84.1 | 88.7 | 97.2 | 109.7 | 116.3 | 105.4 | 94.5 | 105.4 | 116.3 | 109.7 |
| 85° | 32.9 | 38.3 | 45.1 | 50.8 | 55.3 | 57.3 | 51.7 | 46.0 | 51.7 | 57.3 | 55.3 |
| 87.5° | 6.1 | 6.8 | 7.7 | 10.4 | 15.0 | 17.7 | 15.0 | 12.3 | 15.0 | 17.7 | 15.0 |
| 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: P1428346

CATALOG NUMBER: SQ2W-PW1-0U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 | 2682.3 |
| 2.5° | 2681.2 | 2676.6 | 2677.5 | 2678.9 | 2681.6 | 2684.3 | 2681.6 | 2678.9 | 2677.5 | 2676.6 | 2681.2 |
| 5° | 2679.7 | 2675.2 | 2676.3 | 2679.7 | 2690.0 | 2700.2 | 2690.0 | 2679.7 | 2676.3 | 2675.2 | 2679.7 |
| 7.5° | 2671.3 | 2669.4 | 2673.3 | 2678.7 | 2688.7 | 2698.7 | 2688.7 | 2678.7 | 2673.3 | 2669.4 | 2671.3 |
| 10° | 2662.7 | 2662.1 | 2667.8 | 2674.4 | 2683.4 | 2692.5 | 2683.4 | 2674.4 | 2667.8 | 2662.1 | 2662.7 |
| 12.5° | 2651.6 | 2652.4 | 2659.0 | 2666.2 | 2675.3 | 2684.3 | 2675.3 | 2666.2 | 2659.0 | 2652.4 | 2651.6 |
| 15° | 2626.7 | 2630.1 | 2638.0 | 2645.4 | 2651.1 | 2656.8 | 2651.1 | 2645.4 | 2638.0 | 2630.1 | 2626.7 |
| 17.5° | 2585.5 | 2585.7 | 2587.8 | 2590.0 | 2592.7 | 2595.4 | 2592.7 | 2590.0 | 2587.8 | 2585.7 | 2585.5 |
| 20° | 2553.7 | 2548.0 | 2540.1 | 2534.1 | 2534.1 | 2534.1 | 2534.1 | 2534.1 | 2540.1 | 2548.0 | 2553.7 |
| 22.5° | 2509.0 | 2494.2 | 2472.7 | 2454.7 | 2447.4 | 2440.1 | 2447.4 | 2454.7 | 2472.7 | 2494.2 | 2509.0 |
| 25° | 2420.3 | 2386.8 | 2342.5 | 2305.1 | 2288.0 | 2271.0 | 2288.0 | 2305.1 | 2342.5 | 2386.8 | 2420.3 |
| 27.5° | 2299.6 | 2245.7 | 2182.8 | 2129.7 | 2106.1 | 2082.5 | 2106.1 | 2129.7 | 2182.8 | 2245.7 | 2299.6 |
| 30° | 2201.8 | 2134.2 | 2064.9 | 2007.3 | 1984.6 | 1961.9 | 1984.6 | 2007.3 | 2064.9 | 2134.2 | 2201.8 |
| 32.5° | 2099.6 | 2022.5 | 1950.5 | 1890.4 | 1865.9 | 1841.3 | 1865.9 | 1890.4 | 1950.5 | 2022.5 | 2099.6 |
| 35° | 1939.5 | 1851.5 | 1778.8 | 1718.9 | 1697.4 | 1675.8 | 1697.4 | 1718.9 | 1778.8 | 1851.5 | 1939.5 |
| 37.5° | 1778.9 | 1685.8 | 1609.7 | 1546.7 | 1522.9 | 1499.0 | 1522.9 | 1546.7 | 1609.7 | 1685.8 | 1778.9 |
| 40° | 1666.7 | 1571.3 | 1495.3 | 1432.3 | 1408.4 | 1384.6 | 1408.4 | 1432.3 | 1495.3 | 1571.3 | 1666.7 |
| 42.5° | 1558.4 | 1463.0 | 1387.0 | 1323.7 | 1299.0 | 1274.2 | 1299.0 | 1323.7 | 1387.0 | 1463.0 | 1558.4 |
| 45° | 1394.5 | 1299.1 | 1225.3 | 1164.0 | 1140.2 | 1116.3 | 1140.2 | 1164.0 | 1225.3 | 1299.1 | 1394.5 |
| 47.5° | 1240.1 | 1146.0 | 1074.5 | 1015.7 | 995.3 | 974.8 | 995.3 | 1015.7 | 1074.5 | 1146.0 | 1240.1 |
| 50° | 1141.3 | 1049.9 | 978.4 | 918.5 | 893.5 | 868.6 | 893.5 | 918.5 | 978.4 | 1049.9 | 1141.3 |
| 52.5° | 1046.0 | 955.0 | 881.7 | 818.1 | 784.1 | 750.0 | 784.1 | 818.1 | 881.7 | 955.0 | 1046.0 |
| 55° | 906.9 | 814.9 | 733.2 | 667.0 | 647.7 | 628.4 | 647.7 | 667.0 | 733.2 | 814.9 | 906.9 |
| 57.5° | 778.9 | 695.5 | 621.3 | 561.6 | 545.7 | 529.8 | 545.7 | 561.6 | 621.3 | 695.5 | 778.9 |
| 60° | 693.7 | 617.6 | 555.2 | 504.4 | 488.5 | 472.6 | 488.5 | 504.4 | 555.2 | 617.6 | 693.7 |
| 62.5° | 610.6 | 542.3 | 492.5 | 451.9 | 438.8 | 425.6 | 438.8 | 451.9 | 492.5 | 542.3 | 610.6 |
| 65° | 508.9 | 452.2 | 411.3 | 377.8 | 366.4 | 355.1 | 366.4 | 377.8 | 411.3 | 452.2 | 508.9 |
| 67.5° | 420.9 | 375.0 | 339.1 | 310.3 | 302.8 | 295.3 | 302.8 | 310.3 | 339.1 | 375.0 | 420.9 |
| 70° | 364.2 | 325.0 | 295.5 | 271.9 | 266.2 | 260.6 | 266.2 | 271.9 | 295.5 | 325.0 | 364.2 |
| 72.5° | 309.9 | 277.1 | 253.9 | 235.6 | 231.7 | 227.9 | 231.7 | 235.6 | 253.9 | 277.1 | 309.9 |
| 75° | 237.6 | 214.3 | 198.4 | 185.9 | 183.6 | 181.4 | 183.6 | 185.9 | 198.4 | 214.3 | 237.6 |
| 77.5° | 175.8 | 158.6 | 146.8 | 137.5 | 135.7 | 133.9 | 135.7 | 137.5 | 146.8 | 158.6 | 175.8 |
| 80° | 136.2 | 123.2 | 114.1 | 107.3 | 107.3 | 107.3 | 107.3 | 107.3 | 114.1 | 123.2 | 136.2 |
| 82.5° | 97.2 | 88.7 | 84.1 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 84.1 | 88.7 | 97.2 |
| 85° | 50.8 | 45.1 | 38.3 | 32.9 | 31.8 | 30.7 | 31.8 | 32.9 | 38.3 | 45.1 | 50.8 |
| 87.5° | 10.4 | 7.7 | 6.8 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.8 | 7.7 | 10.4 |
| 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: P1428346

CATALOG NUMBER: SQ2W-PW1-0U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|--------|--------|--------|--------|
| 0° | 2682.3 | 2682.3 | 2682.3 | 2682.3 |
| 2.5° | 2691.2 | 2694.8 | 2679.4 | 2663.9 |
| 5° | 2690.0 | 2692.8 | 2673.5 | 2654.2 |
| 7.5° | 2679.1 | 2680.0 | 2660.4 | 2640.9 |
| 10° | 2669.5 | 2669.5 | 2649.1 | 2628.7 |
| 12.5° | 2656.6 | 2655.0 | 2633.7 | 2612.3 |
| 15° | 2627.8 | 2623.0 | 2600.3 | 2577.6 |
| 17.5° | 2587.1 | 2582.6 | 2559.9 | 2537.2 |
| 20° | 2557.1 | 2554.0 | 2531.3 | 2508.6 |
| 22.5° | 2516.9 | 2516.8 | 2492.2 | 2467.7 |
| 25° | 2443.0 | 2454.1 | 2430.3 | 2406.4 |
| 27.5° | 2344.6 | 2373.5 | 2354.2 | 2334.9 |
| 30° | 2267.6 | 2313.3 | 2298.5 | 2283.8 |
| 32.5° | 2181.8 | 2242.0 | 2236.3 | 2230.7 |
| 35° | 2042.8 | 2122.9 | 2133.1 | 2143.3 |
| 37.5° | 1889.0 | 1979.2 | 2009.7 | 2040.1 |
| 40° | 1781.4 | 1878.2 | 1921.3 | 1964.5 |
| 42.5° | 1673.1 | 1772.6 | 1826.6 | 1880.7 |
| 45° | 1511.5 | 1615.1 | 1678.6 | 1742.2 |
| 47.5° | 1356.8 | 1460.1 | 1523.3 | 1586.4 |
| 50° | 1252.6 | 1351.4 | 1412.7 | 1474.0 |
| 52.5° | 1154.5 | 1249.6 | 1304.6 | 1359.5 |
| 55° | 1009.1 | 1098.8 | 1151.0 | 1203.2 |
| 57.5° | 871.3 | 951.9 | 997.1 | 1042.3 |
| 60° | 783.4 | 860.6 | 900.3 | 940.1 |
| 62.5° | 697.6 | 771.6 | 806.8 | 842.0 |
| 65° | 581.6 | 642.6 | 668.7 | 694.8 |
| 67.5° | 477.0 | 522.7 | 537.3 | 551.8 |
| 70° | 413.0 | 450.7 | 455.3 | 459.8 |
| 72.5° | 352.4 | 383.8 | 381.9 | 380.1 |
| 75° | 268.2 | 289.0 | 279.9 | 270.8 |
| 77.5° | 198.2 | 211.7 | 198.1 | 184.4 |
| 80° | 153.3 | 162.6 | 149.0 | 135.4 |
| 82.5° | 109.7 | 116.3 | 105.4 | 94.5 |
| 85° | 55.3 | 57.3 | 51.7 | 46.0 |
| 87.5° | 15.0 | 17.7 | 15.0 | 12.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1428346
 CATALOG NUMBER: SQ2W-PW1-0U-125D-L940-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 | 23.93 | 25.43 | 24.29 | 25.74 | 26.06 | 20.18 | 21.68 | 20.54 | 21.99 | 22.31 |
| | 3H | 25.27 | 26.62 | 25.65 | 26.95 | 27.31 | 21.49 | 22.84 | 21.87 | 23.17 | 23.53 |
| | 4H | 25.71 | 26.97 | 26.11 | 27.32 | 27.70 | 22.03 | 23.29 | 22.43 | 23.64 | 24.01 |
| | 6H | 25.92 | 27.09 | 26.33 | 27.45 | 27.85 | 22.36 | 23.53 | 22.78 | 23.90 | 24.29 |
| | 8H | 25.98 | 27.09 | 26.41 | 27.48 | 27.88 | 22.50 | 23.60 | 22.92 | 23.99 | 24.39 |
| | 12H | 26.00 | 27.06 | 26.43 | 27.44 | 27.87 | 22.54 | 23.60 | 22.98 | 23.99 | 24.42 |
| 4H | 2H | 24.13 | 25.39 | 24.53 | 25.74 | 26.12 | 21.06 | 22.32 | 21.46 | 22.67 | 23.05 |
| | 3H | 25.73 | 26.77 | 26.14 | 27.17 | 27.57 | 22.56 | 23.61 | 22.97 | 24.01 | 24.41 |
| | 4H | 26.30 | 27.24 | 26.73 | 27.65 | 28.09 | 23.16 | 24.10 | 23.60 | 24.52 | 24.96 |
| | 6H | 26.64 | 27.46 | 27.10 | 27.90 | 28.36 | 23.58 | 24.39 | 24.04 | 24.84 | 25.30 |
| | 8H | 26.74 | 27.51 | 27.21 | 27.95 | 28.42 | 23.74 | 24.50 | 24.21 | 24.95 | 25.42 |
| | 12H | 26.79 | 27.47 | 27.28 | 27.95 | 28.42 | 23.81 | 24.49 | 24.30 | 24.97 | 25.44 |
| 8H | 4H | 26.38 | 27.14 | 26.84 | 27.59 | 28.05 | 23.55 | 24.31 | 24.01 | 24.76 | 25.22 |
| | 6H | 26.82 | 27.45 | 27.32 | 27.94 | 28.42 | 24.07 | 24.69 | 24.56 | 25.19 | 25.66 |
| | 8H | 27.00 | 27.56 | 27.51 | 28.07 | 28.56 | 24.29 | 24.85 | 24.80 | 25.36 | 25.85 |
| | 12H | 27.10 | 27.60 | 27.61 | 28.09 | 28.66 | 24.40 | 24.89 | 24.91 | 25.39 | 25.95 |
| 12H | 4H | 26.37 | 27.05 | 26.85 | 27.53 | 28.00 | 23.60 | 24.28 | 24.08 | 24.76 | 25.23 |
| | 6H | 26.82 | 27.38 | 27.33 | 27.89 | 28.38 | 24.14 | 24.71 | 24.66 | 25.22 | 25.70 |
| | 8H | 27.04 | 27.53 | 27.55 | 28.03 | 28.59 | 24.41 | 24.91 | 24.92 | 25.40 | 25.97 |