

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1427576

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

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1427576
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G3-2308-130-1)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-BBN-0U-125D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - BLACK DISCREET BAFFLE, NARROW 35-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

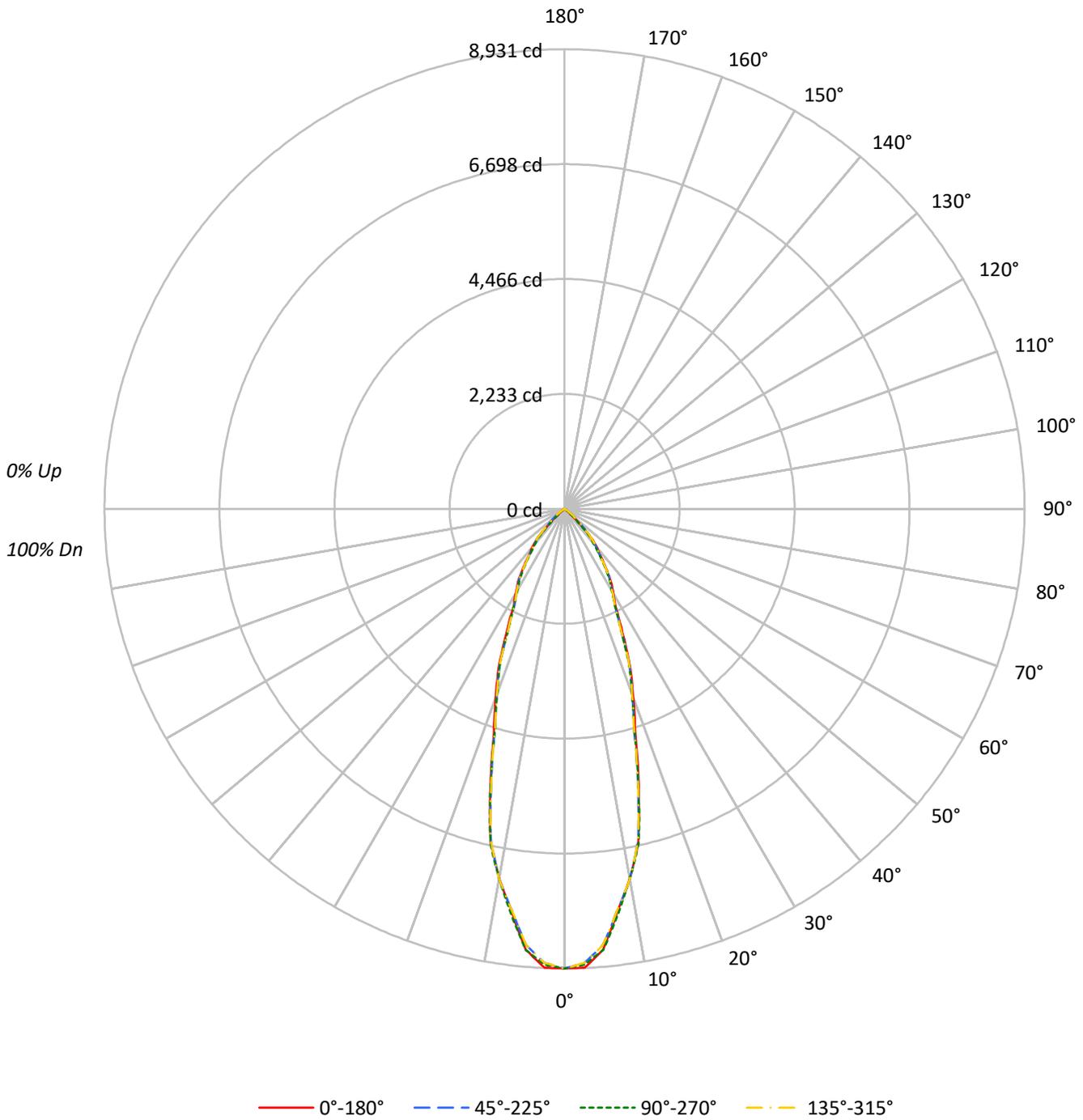
Lumens per Lamp: N/A
Luminaire Lumens: 4827.8 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.62
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 49.8
Input Voltage (V): 120
Input Current (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: P1427576

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

Luminous Intensity Polar Plot





TEST NUMBER: P1427576

CATALOG NUMBER: SQ2W-BBN-OU-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 114 | 111 | 109 | 107 | 111 | 109 | 107 | 105 | 105 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 94 |
| 2 | 108 | 104 | 100 | 97 | 106 | 102 | 99 | 96 | 99 | 96 | 94 | 96 | 94 | 92 | 93 | 91 | 90 | 88 |
| 3 | 103 | 97 | 93 | 89 | 101 | 96 | 92 | 88 | 93 | 90 | 87 | 91 | 88 | 85 | 89 | 86 | 84 | 82 |
| 4 | 98 | 91 | 86 | 82 | 97 | 90 | 85 | 82 | 88 | 84 | 81 | 86 | 83 | 80 | 84 | 81 | 79 | 77 |
| 5 | 94 | 86 | 80 | 76 | 92 | 85 | 80 | 76 | 83 | 79 | 75 | 82 | 78 | 75 | 80 | 77 | 74 | 73 |
| 6 | 90 | 81 | 75 | 71 | 88 | 80 | 75 | 71 | 79 | 74 | 71 | 77 | 73 | 70 | 76 | 73 | 70 | 68 |
| 7 | 85 | 77 | 71 | 67 | 84 | 76 | 71 | 67 | 75 | 70 | 66 | 74 | 69 | 66 | 72 | 69 | 66 | 64 |
| 8 | 82 | 73 | 67 | 63 | 80 | 72 | 67 | 63 | 71 | 66 | 63 | 70 | 66 | 62 | 69 | 65 | 62 | 61 |
| 9 | 78 | 69 | 63 | 60 | 77 | 69 | 63 | 60 | 68 | 63 | 59 | 67 | 62 | 59 | 66 | 62 | 59 | 58 |
| 10 | 75 | 66 | 60 | 57 | 74 | 65 | 60 | 57 | 65 | 60 | 56 | 64 | 59 | 56 | 63 | 59 | 56 | 55 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 144202 | 144202 | 144202 | 144202 |
| 5° | 139380 | 139458 | 139380 | 139458 |
| 10° | 119617 | 119617 | 119617 | 119617 |
| 15° | 92846 | 92630 | 92846 | 92630 |
| 20° | 67009 | 65571 | 67009 | 65571 |
| 25° | 47512 | 45705 | 47512 | 45705 |
| 30° | 35350 | 34119 | 35350 | 34119 |
| 35° | 27505 | 26236 | 27505 | 26236 |
| 40° | 20354 | 18589 | 20354 | 18589 |
| 45° | 10401 | 8380 | 10401 | 8380 |
| 50° | 2263 | 1658 | 2263 | 1658 |
| 55° | 633 | 498 | 633 | 498 |
| 60° | 103 | 52 | 103 | 52 |
| 65° | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 12688 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 772.3 | 16.0 |
| 10°-20° | 1522.7 | 31.5 |
| 20°-30° | 1228.3 | 25.4 |
| 30°-40° | 853.3 | 17.7 |
| 40°-50° | 394.1 | 8.2 |
| 50°-60° | 55.2 | 1.1 |
| 60°-70° | 1.9 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 0.0 | 0.0 |
| 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° | 3523.3 | 73.0 |
| 0°-40° | 4376.6 | 90.7 |
| 0°-60° | 4825.9 | 100.0 |
| 0°-90° | 4827.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4827.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 8931 | 8931 | 8931 | 8931 | 8931 | |
| 5° | 8600 | 8605 | 8600 | 8605 | 8600 | 773 |
| 15° | 5555 | 5542 | 5555 | 5542 | 5555 | 1529 |
| 25° | 2667 | 2566 | 2667 | 2566 | 2667 | 1249 |
| 35° | 1396 | 1331 | 1396 | 1331 | 1396 | 873 |
| 45° | 456 | 367 | 456 | 367 | 456 | 368 |
| 55° | 22 | 18 | 22 | 18 | 22 | 28 |
| 65° | 0 | 0 | 0 | 0 | 0 | 1 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1427576

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

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 |
| 2.5° | 8926.3 | 8911.4 | 8896.5 | 8867.1 | 8832.7 | 8831.3 | 8862.8 | 8883.9 | 8874.2 | 8864.5 | 8874.2 |
| 5° | 8599.9 | 8579.1 | 8558.4 | 8533.3 | 8506.9 | 8516.9 | 8563.4 | 8599.0 | 8601.8 | 8604.7 | 8601.8 |
| 7.5° | 7879.4 | 7886.2 | 7892.9 | 7875.7 | 7850.5 | 7863.7 | 7915.2 | 7952.4 | 7946.8 | 7941.2 | 7946.8 |
| 10° | 7296.1 | 7301.1 | 7306.1 | 7305.2 | 7302.4 | 7309.5 | 7326.7 | 7334.8 | 7315.4 | 7296.1 | 7315.4 |
| 12.5° | 6620.1 | 6640.0 | 6659.9 | 6637.0 | 6599.8 | 6594.0 | 6619.8 | 6641.1 | 6649.3 | 6657.5 | 6649.3 |
| 15° | 5554.6 | 5586.8 | 5619.0 | 5573.4 | 5501.8 | 5483.2 | 5517.6 | 5543.1 | 5542.4 | 5541.7 | 5542.4 |
| 17.5° | 4555.4 | 4552.1 | 4548.8 | 4520.6 | 4484.1 | 4469.1 | 4475.5 | 4479.8 | 4477.7 | 4475.5 | 4477.7 |
| 20° | 3900.0 | 3895.0 | 3889.9 | 3865.6 | 3834.9 | 3817.0 | 3812.0 | 3809.1 | 3812.7 | 3816.3 | 3812.7 |
| 22.5° | 3338.5 | 3330.1 | 3321.7 | 3311.5 | 3300.8 | 3289.2 | 3276.7 | 3268.6 | 3273.3 | 3278.0 | 3273.3 |
| 25° | 2667.0 | 2639.9 | 2612.7 | 2590.9 | 2570.8 | 2569.4 | 2586.6 | 2595.7 | 2580.7 | 2565.6 | 2580.7 |
| 27.5° | 2140.7 | 2140.3 | 2139.9 | 2127.0 | 2110.0 | 2102.4 | 2104.2 | 2106.3 | 2109.2 | 2112.1 | 2109.2 |
| 30° | 1896.1 | 1891.1 | 1886.0 | 1872.5 | 1856.0 | 1848.1 | 1848.8 | 1847.2 | 1838.7 | 1830.1 | 1838.7 |
| 32.5° | 1678.4 | 1682.0 | 1685.6 | 1671.2 | 1650.7 | 1638.5 | 1634.7 | 1629.6 | 1621.0 | 1612.5 | 1621.0 |
| 35° | 1395.5 | 1395.5 | 1395.5 | 1383.7 | 1367.9 | 1354.7 | 1344.0 | 1335.4 | 1333.3 | 1331.1 | 1333.3 |
| 37.5° | 1133.1 | 1131.8 | 1130.6 | 1121.9 | 1110.7 | 1097.5 | 1082.4 | 1069.6 | 1064.0 | 1058.4 | 1064.0 |
| 40° | 965.7 | 962.2 | 958.6 | 952.3 | 945.2 | 932.3 | 913.7 | 897.8 | 889.9 | 882.0 | 889.9 |
| 42.5° | 775.2 | 784.7 | 794.3 | 791.4 | 784.2 | 771.3 | 752.7 | 735.8 | 723.9 | 712.1 | 723.9 |
| 45° | 455.5 | 495.6 | 535.6 | 549.9 | 555.7 | 547.8 | 526.3 | 494.3 | 430.6 | 367.0 | 430.6 |
| 47.5° | 195.7 | 239.8 | 283.9 | 320.8 | 355.5 | 344.5 | 288.0 | 232.4 | 179.4 | 126.5 | 179.4 |
| 50° | 90.1 | 124.5 | 158.8 | 205.0 | 255.0 | 244.7 | 173.8 | 114.6 | 90.3 | 66.0 | 90.3 |
| 52.5° | 52.8 | 70.0 | 87.1 | 130.3 | 182.1 | 177.4 | 116.3 | 67.3 | 54.4 | 41.5 | 54.4 |
| 55° | 22.5 | 28.3 | 34.0 | 57.4 | 86.7 | 85.3 | 53.1 | 27.7 | 22.7 | 17.7 | 22.7 |
| 57.5° | 8.4 | 11.5 | 14.7 | 23.1 | 33.2 | 32.6 | 21.1 | 11.9 | 9.3 | 6.8 | 9.3 |
| 60° | 3.2 | 4.6 | 6.1 | 10.2 | 15.2 | 14.8 | 9.1 | 4.5 | 3.0 | 1.6 | 3.0 |
| 62.5° | 0.6 | 1.5 | 2.4 | 4.6 | 7.3 | 7.3 | 4.4 | 2.0 | 1.2 | 0.3 | 1.2 |
| 65° | 0.0 | 0.0 | 0.0 | 0.5 | 1.3 | 1.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P1427576

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

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 |
| 2.5° | 8883.9 | 8862.8 | 8831.3 | 8832.7 | 8867.1 | 8896.5 | 8911.4 | 8926.3 | 8911.4 | 8896.5 | 8867.1 |
| 5° | 8599.0 | 8563.4 | 8516.9 | 8506.9 | 8533.3 | 8558.4 | 8579.1 | 8599.9 | 8579.1 | 8558.4 | 8533.3 |
| 7.5° | 7952.4 | 7915.2 | 7863.7 | 7850.5 | 7875.7 | 7892.9 | 7886.2 | 7879.4 | 7886.2 | 7892.9 | 7875.7 |
| 10° | 7334.8 | 7326.7 | 7309.5 | 7302.4 | 7305.2 | 7306.1 | 7301.1 | 7296.1 | 7301.1 | 7306.1 | 7305.2 |
| 12.5° | 6641.1 | 6619.8 | 6594.0 | 6599.8 | 6637.0 | 6659.9 | 6640.0 | 6620.1 | 6640.0 | 6659.9 | 6637.0 |
| 15° | 5543.1 | 5517.6 | 5483.2 | 5501.8 | 5573.4 | 5619.0 | 5586.8 | 5554.6 | 5586.8 | 5619.0 | 5573.4 |
| 17.5° | 4479.8 | 4475.5 | 4469.1 | 4484.1 | 4520.6 | 4548.8 | 4552.1 | 4555.4 | 4552.1 | 4548.8 | 4520.6 |
| 20° | 3809.1 | 3812.0 | 3817.0 | 3834.9 | 3865.6 | 3889.9 | 3895.0 | 3900.0 | 3895.0 | 3889.9 | 3865.6 |
| 22.5° | 3268.6 | 3276.7 | 3289.2 | 3300.8 | 3311.5 | 3321.7 | 3330.1 | 3338.5 | 3330.1 | 3321.7 | 3311.5 |
| 25° | 2595.7 | 2586.6 | 2569.4 | 2570.8 | 2590.9 | 2612.7 | 2639.9 | 2667.0 | 2639.9 | 2612.7 | 2590.9 |
| 27.5° | 2106.3 | 2104.2 | 2102.4 | 2110.0 | 2127.0 | 2139.9 | 2140.3 | 2140.7 | 2140.3 | 2139.9 | 2127.0 |
| 30° | 1847.2 | 1848.8 | 1848.1 | 1856.0 | 1872.5 | 1886.0 | 1891.1 | 1896.1 | 1891.1 | 1886.0 | 1872.5 |
| 32.5° | 1629.6 | 1634.7 | 1638.5 | 1650.7 | 1671.2 | 1685.6 | 1682.0 | 1678.4 | 1682.0 | 1685.6 | 1671.2 |
| 35° | 1335.4 | 1344.0 | 1354.7 | 1367.9 | 1383.7 | 1395.5 | 1395.5 | 1395.5 | 1395.5 | 1395.5 | 1383.7 |
| 37.5° | 1069.6 | 1082.4 | 1097.5 | 1110.7 | 1121.9 | 1130.6 | 1131.8 | 1133.1 | 1131.8 | 1130.6 | 1121.9 |
| 40° | 897.8 | 913.7 | 932.3 | 945.2 | 952.3 | 958.6 | 962.2 | 965.7 | 962.2 | 958.6 | 952.3 |
| 42.5° | 735.8 | 752.7 | 771.3 | 784.2 | 791.4 | 794.3 | 784.7 | 775.2 | 784.7 | 794.3 | 791.4 |
| 45° | 494.3 | 526.3 | 547.8 | 555.7 | 549.9 | 535.6 | 495.6 | 455.5 | 495.6 | 535.6 | 549.9 |
| 47.5° | 232.4 | 288.0 | 344.5 | 355.5 | 320.8 | 283.9 | 239.8 | 195.7 | 239.8 | 283.9 | 320.8 |
| 50° | 114.6 | 173.8 | 244.7 | 255.0 | 205.0 | 158.8 | 124.5 | 90.1 | 124.5 | 158.8 | 205.0 |
| 52.5° | 67.3 | 116.3 | 177.4 | 182.1 | 130.3 | 87.1 | 70.0 | 52.8 | 70.0 | 87.1 | 130.3 |
| 55° | 27.7 | 53.1 | 85.3 | 86.7 | 57.4 | 34.0 | 28.3 | 22.5 | 28.3 | 34.0 | 57.4 |
| 57.5° | 11.9 | 21.1 | 32.6 | 33.2 | 23.1 | 14.7 | 11.5 | 8.4 | 11.5 | 14.7 | 23.1 |
| 60° | 4.5 | 9.1 | 14.8 | 15.2 | 10.2 | 6.1 | 4.6 | 3.2 | 4.6 | 6.1 | 10.2 |
| 62.5° | 2.0 | 4.4 | 7.3 | 7.3 | 4.6 | 2.4 | 1.5 | 0.6 | 1.5 | 2.4 | 4.6 |
| 65° | 0.0 | 0.5 | 1.3 | 1.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P1427576

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

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 | 8931.4 |
| 2.5° | 8832.7 | 8831.3 | 8862.8 | 8883.9 | 8874.2 | 8864.5 | 8874.2 | 8883.9 | 8862.8 | 8831.3 | 8832.7 |
| 5° | 8506.9 | 8516.9 | 8563.4 | 8599.0 | 8601.8 | 8604.7 | 8601.8 | 8599.0 | 8563.4 | 8516.9 | 8506.9 |
| 7.5° | 7850.5 | 7863.7 | 7915.2 | 7952.4 | 7946.8 | 7941.2 | 7946.8 | 7952.4 | 7915.2 | 7863.7 | 7850.5 |
| 10° | 7302.4 | 7309.5 | 7326.7 | 7334.8 | 7315.4 | 7296.1 | 7315.4 | 7334.8 | 7326.7 | 7309.5 | 7302.4 |
| 12.5° | 6599.8 | 6594.0 | 6619.8 | 6641.1 | 6649.3 | 6657.5 | 6649.3 | 6641.1 | 6619.8 | 6594.0 | 6599.8 |
| 15° | 5501.8 | 5483.2 | 5517.6 | 5543.1 | 5542.4 | 5541.7 | 5542.4 | 5543.1 | 5517.6 | 5483.2 | 5501.8 |
| 17.5° | 4484.1 | 4469.1 | 4475.5 | 4479.8 | 4477.7 | 4475.5 | 4477.7 | 4479.8 | 4475.5 | 4469.1 | 4484.1 |
| 20° | 3834.9 | 3817.0 | 3812.0 | 3809.1 | 3812.7 | 3816.3 | 3812.7 | 3809.1 | 3812.0 | 3817.0 | 3834.9 |
| 22.5° | 3300.8 | 3289.2 | 3276.7 | 3268.6 | 3273.3 | 3278.0 | 3273.3 | 3268.6 | 3276.7 | 3289.2 | 3300.8 |
| 25° | 2570.8 | 2569.4 | 2586.6 | 2595.7 | 2580.7 | 2565.6 | 2580.7 | 2595.7 | 2586.6 | 2569.4 | 2570.8 |
| 27.5° | 2110.0 | 2102.4 | 2104.2 | 2106.3 | 2109.2 | 2112.1 | 2109.2 | 2106.3 | 2104.2 | 2102.4 | 2110.0 |
| 30° | 1856.0 | 1848.1 | 1848.8 | 1847.2 | 1838.7 | 1830.1 | 1838.7 | 1847.2 | 1848.8 | 1848.1 | 1856.0 |
| 32.5° | 1650.7 | 1638.5 | 1634.7 | 1629.6 | 1621.0 | 1612.5 | 1621.0 | 1629.6 | 1634.7 | 1638.5 | 1650.7 |
| 35° | 1367.9 | 1354.7 | 1344.0 | 1335.4 | 1333.3 | 1331.1 | 1333.3 | 1335.4 | 1344.0 | 1354.7 | 1367.9 |
| 37.5° | 1110.7 | 1097.5 | 1082.4 | 1069.6 | 1064.0 | 1058.4 | 1064.0 | 1069.6 | 1082.4 | 1097.5 | 1110.7 |
| 40° | 945.2 | 932.3 | 913.7 | 897.8 | 889.9 | 882.0 | 889.9 | 897.8 | 913.7 | 932.3 | 945.2 |
| 42.5° | 784.2 | 771.3 | 752.7 | 735.8 | 723.9 | 712.1 | 723.9 | 735.8 | 752.7 | 771.3 | 784.2 |
| 45° | 555.7 | 547.8 | 526.3 | 494.3 | 430.6 | 367.0 | 430.6 | 494.3 | 526.3 | 547.8 | 555.7 |
| 47.5° | 355.5 | 344.5 | 288.0 | 232.4 | 179.4 | 126.5 | 179.4 | 232.4 | 288.0 | 344.5 | 355.5 |
| 50° | 255.0 | 244.7 | 173.8 | 114.6 | 90.3 | 66.0 | 90.3 | 114.6 | 173.8 | 244.7 | 255.0 |
| 52.5° | 182.1 | 177.4 | 116.3 | 67.3 | 54.4 | 41.5 | 54.4 | 67.3 | 116.3 | 177.4 | 182.1 |
| 55° | 86.7 | 85.3 | 53.1 | 27.7 | 22.7 | 17.7 | 22.7 | 27.7 | 53.1 | 85.3 | 86.7 |
| 57.5° | 33.2 | 32.6 | 21.1 | 11.9 | 9.3 | 6.8 | 9.3 | 11.9 | 21.1 | 32.6 | 33.2 |
| 60° | 15.2 | 14.8 | 9.1 | 4.5 | 3.0 | 1.6 | 3.0 | 4.5 | 9.1 | 14.8 | 15.2 |
| 62.5° | 7.3 | 7.3 | 4.4 | 2.0 | 1.2 | 0.3 | 1.2 | 2.0 | 4.4 | 7.3 | 7.3 |
| 65° | 1.3 | 1.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.3 | 1.3 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P1427576

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

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|-------|--------|--------|--------|--------|
| 0° | 8931.4 | 8931.4 | 8931.4 | 8931.4 |
| 2.5° | 8867.1 | 8896.5 | 8911.4 | 8926.3 |
| 5° | 8533.3 | 8558.4 | 8579.1 | 8599.9 |
| 7.5° | 7875.7 | 7892.9 | 7886.2 | 7879.4 |
| 10° | 7305.2 | 7306.1 | 7301.1 | 7296.1 |
| 12.5° | 6637.0 | 6659.9 | 6640.0 | 6620.1 |
| 15° | 5573.4 | 5619.0 | 5586.8 | 5554.6 |
| 17.5° | 4520.6 | 4548.8 | 4552.1 | 4555.4 |
| 20° | 3865.6 | 3889.9 | 3895.0 | 3900.0 |
| 22.5° | 3311.5 | 3321.7 | 3330.1 | 3338.5 |
| 25° | 2590.9 | 2612.7 | 2639.9 | 2667.0 |
| 27.5° | 2127.0 | 2139.9 | 2140.3 | 2140.7 |
| 30° | 1872.5 | 1886.0 | 1891.1 | 1896.1 |
| 32.5° | 1671.2 | 1685.6 | 1682.0 | 1678.4 |
| 35° | 1383.7 | 1395.5 | 1395.5 | 1395.5 |
| 37.5° | 1121.9 | 1130.6 | 1131.8 | 1133.1 |
| 40° | 952.3 | 958.6 | 962.2 | 965.7 |
| 42.5° | 791.4 | 794.3 | 784.7 | 775.2 |
| 45° | 549.9 | 535.6 | 495.6 | 455.5 |
| 47.5° | 320.8 | 283.9 | 239.8 | 195.7 |
| 50° | 205.0 | 158.8 | 124.5 | 90.1 |
| 52.5° | 130.3 | 87.1 | 70.0 | 52.8 |
| 55° | 57.4 | 34.0 | 28.3 | 22.5 |
| 57.5° | 23.1 | 14.7 | 11.5 | 8.4 |
| 60° | 10.2 | 6.1 | 4.6 | 3.2 |
| 62.5° | 4.6 | 2.4 | 1.5 | 0.6 |
| 65° | 0.5 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P1427576
 CATALOG NUMBER: SQ2W-BBN-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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4H | 2H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8H | 4H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12H | 4H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |