

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: P1428485

Luminaire Tested: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428485
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-K-150U-125D-L830-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 1500 LUMENS PER FOOT
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

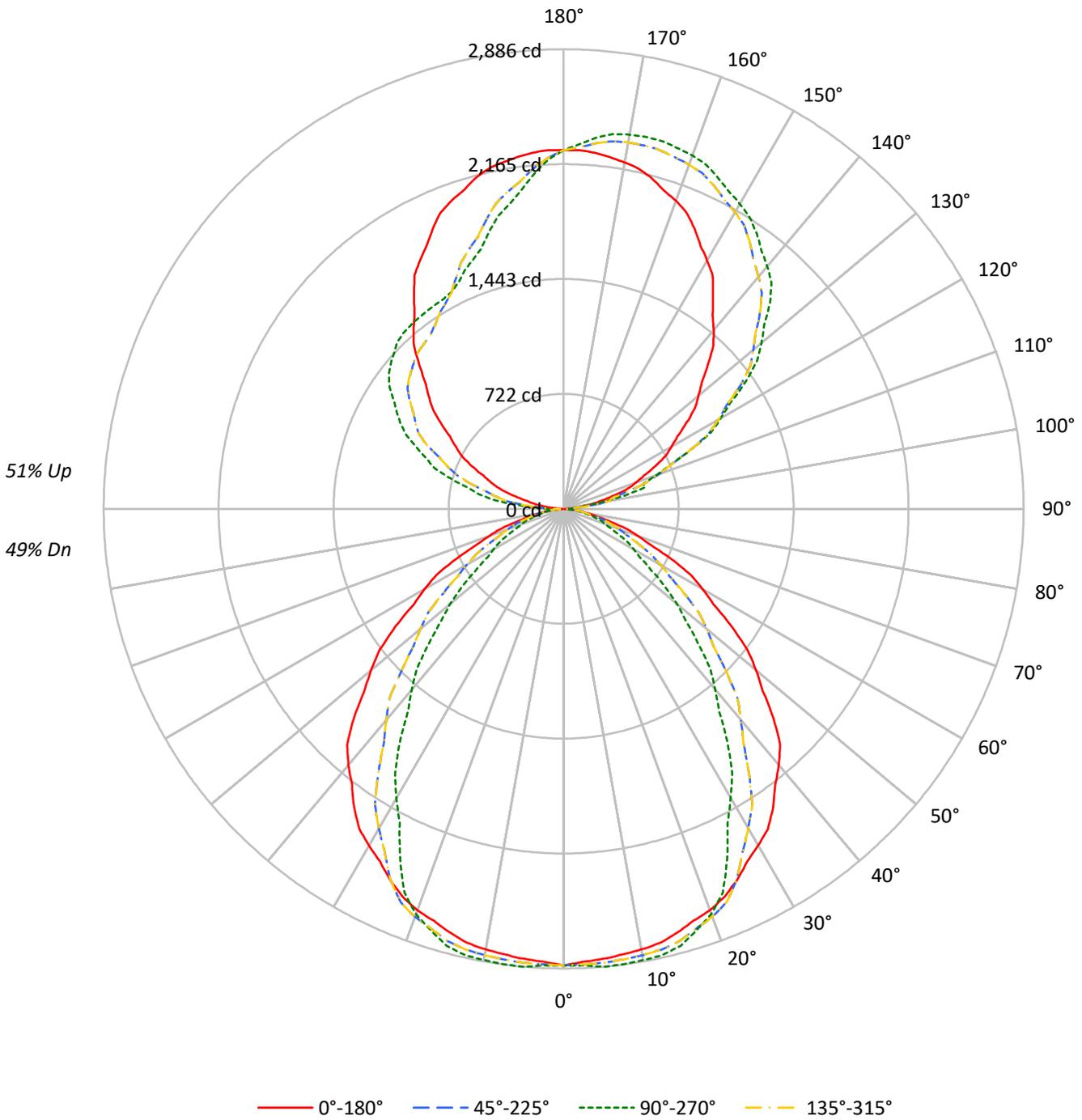
Lumens per Lamp: N/A
Luminaire Lumens: 12945.3 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.11 / 1.23
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 104.3
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: P1428485

CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1428485

CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-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 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 55 | 55 | 55 | 49 |
| 1 | 98 | 94 | 90 | 87 | 90 | 87 | 84 | 81 | 74 | 71 | 69 | 61 | 60 | 58 | 50 | 49 | 48 | 43 |
| 2 | 90 | 83 | 77 | 72 | 83 | 77 | 72 | 67 | 65 | 61 | 58 | 54 | 52 | 49 | 45 | 43 | 41 | 37 |
| 3 | 82 | 73 | 66 | 61 | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 49 | 45 | 42 | 40 | 38 | 36 | 32 |
| 4 | 76 | 65 | 58 | 52 | 69 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 33 | 31 | 28 |
| 5 | 70 | 58 | 50 | 45 | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 39 | 35 | 32 | 33 | 30 | 27 | 24 |
| 6 | 64 | 52 | 45 | 39 | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 24 | 22 |
| 7 | 59 | 48 | 40 | 34 | 55 | 44 | 37 | 33 | 38 | 33 | 29 | 33 | 29 | 25 | 27 | 24 | 22 | 19 |
| 8 | 55 | 43 | 36 | 31 | 51 | 40 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |
| 9 | 52 | 40 | 32 | 27 | 48 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 23 | 20 | 18 | 16 |
| 10 | 48 | 36 | 29 | 25 | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 46291 | 46291 | 46291 | 46291 |
| 5° | 45982 | 46777 | 45982 | 46777 |
| 10° | 46066 | 47184 | 46066 | 47184 |
| 15° | 46052 | 47468 | 46052 | 47468 |
| 20° | 46071 | 46540 | 46071 | 46540 |
| 25° | 45823 | 43245 | 45823 | 43245 |
| 30° | 45510 | 39097 | 45510 | 39097 |
| 35° | 45156 | 35307 | 45156 | 35307 |
| 40° | 44256 | 31193 | 44256 | 31193 |
| 45° | 42522 | 27247 | 42522 | 27247 |
| 50° | 39573 | 23320 | 39573 | 23320 |
| 55° | 36202 | 18908 | 36202 | 18908 |
| 60° | 32449 | 16313 | 32449 | 16313 |
| 65° | 28374 | 14498 | 28374 | 14498 |
| 70° | 23202 | 13147 | 23202 | 13147 |
| 75° | 18053 | 12096 | 18053 | 12096 |
| 80° | 13454 | 10665 | 13454 | 10665 |
| 85° | 9114 | 6076 | 9114 | 6076 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 42522 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 273.0 | 2.1 |
| 10°-20° | 791.0 | 6.1 |
| 20°-30° | 1164.1 | 9.0 |
| 30°-40° | 1272.8 | 9.8 |
| 40°-50° | 1141.8 | 8.8 |
| 50°-60° | 851.7 | 6.6 |
| 60°-70° | 538.3 | 4.2 |
| 70°-80° | 266.7 | 2.1 |
| 80°-90° | 71.7 | 0.6 |
| 90°-100° | 179.2 | 1.4 |
| 100°-110° | 522.6 | 4.0 |
| 110°-120° | 852.8 | 6.6 |
| 120°-130° | 1082.1 | 8.4 |
| 130°-140° | 1157.9 | 8.9 |
| 140°-150° | 1081.2 | 8.4 |
| 150°-160° | 889.7 | 6.9 |
| 160°-170° | 596.7 | 4.6 |
| 170°-180° | 211.9 | 1.6 |
| 0°-30° | 2228.2 | 17.2 |
| 0°-40° | 3501.0 | 27.0 |
| 0°-60° | 5494.5 | 42.4 |
| 0°-90° | 6371.3 | 49.2 |
| 90°-120° | 1554.5 | 12.0 |
| 90°-150° | 4875.8 | 37.7 |
| 90°-180° | 6574.0 | 50.8 |
| 0°-180° | 12945.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2867 | 2867 | 2867 | 2867 | 2867 | |
| 5° | 2837 | 2886 | 2837 | 2886 | 2837 | 270 |
| 15° | 2755 | 2840 | 2755 | 2840 | 2755 | 778 |
| 25° | 2572 | 2428 | 2572 | 2428 | 2572 | 1185 |
| 35° | 2291 | 1791 | 2291 | 1791 | 2291 | 1429 |
| 45° | 1862 | 1193 | 1862 | 1193 | 1862 | 1428 |
| 55° | 1286 | 672 | 1286 | 672 | 1286 | 1148 |
| 65° | 743 | 380 | 743 | 380 | 743 | 736 |
| 75° | 289 | 194 | 289 | 194 | 289 | 319 |
| 85° | 49 | 33 | 49 | 33 | 49 | 62 |
| 90° | 7 | 50 | 7 | 98 | 7 | 7 |
| 95° | 70 | 52 | 70 | 307 | 70 | 85 |
| 105° | 332 | 532 | 332 | 732 | 332 | 353 |
| 115° | 637 | 882 | 637 | 1087 | 637 | 628 |
| 125° | 942 | 1399 | 942 | 1333 | 942 | 842 |
| 135° | 1280 | 1831 | 1280 | 1476 | 1280 | 989 |
| 145° | 1635 | 2110 | 1635 | 1508 | 1635 | 1023 |
| 155° | 1942 | 2292 | 1942 | 1565 | 1942 | 893 |
| 165° | 2147 | 2390 | 2147 | 1801 | 2147 | 604 |
| 175° | 2245 | 2340 | 2245 | 2113 | 2245 | 213 |
| 180° | 2252 | 2252 | 2252 | 2252 | 2252 | |



TEST NUMBER: P1428485

CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 |
| 2.5° | 2847.4 | 2863.9 | 2880.5 | 2876.6 | 2865.9 | 2861.0 | 2862.0 | 2863.5 | 2866.4 | 2869.3 | 2866.4 |
| 5° | 2837.1 | 2857.7 | 2878.3 | 2875.3 | 2864.4 | 2859.5 | 2860.7 | 2864.4 | 2875.3 | 2886.2 | 2875.3 |
| 7.5° | 2822.9 | 2843.7 | 2864.6 | 2863.6 | 2855.4 | 2853.3 | 2857.5 | 2863.2 | 2873.9 | 2884.6 | 2873.9 |
| 10° | 2809.8 | 2831.6 | 2853.5 | 2853.5 | 2846.2 | 2845.6 | 2851.6 | 2858.6 | 2868.3 | 2878.0 | 2868.3 |
| 12.5° | 2792.3 | 2815.1 | 2837.9 | 2839.6 | 2834.3 | 2835.1 | 2842.2 | 2849.9 | 2859.6 | 2869.3 | 2859.6 |
| 15° | 2755.1 | 2779.4 | 2803.7 | 2808.9 | 2807.6 | 2811.3 | 2819.8 | 2827.7 | 2833.7 | 2839.8 | 2833.7 |
| 17.5° | 2712.0 | 2736.3 | 2760.6 | 2765.3 | 2763.6 | 2763.9 | 2766.1 | 2768.4 | 2771.4 | 2774.3 | 2771.4 |
| 20° | 2681.4 | 2705.7 | 2730.0 | 2733.3 | 2729.7 | 2723.6 | 2715.1 | 2708.7 | 2708.7 | 2708.7 | 2708.7 |
| 22.5° | 2637.7 | 2663.9 | 2690.2 | 2690.3 | 2681.8 | 2666.1 | 2643.0 | 2623.8 | 2616.0 | 2608.2 | 2616.0 |
| 25° | 2572.2 | 2597.7 | 2623.2 | 2611.3 | 2587.1 | 2551.3 | 2503.9 | 2463.9 | 2445.7 | 2427.5 | 2445.7 |
| 27.5° | 2495.7 | 2516.4 | 2537.0 | 2506.1 | 2458.1 | 2400.4 | 2333.2 | 2276.4 | 2251.2 | 2226.0 | 2251.2 |
| 30° | 2441.1 | 2456.9 | 2472.7 | 2423.8 | 2353.5 | 2281.2 | 2207.2 | 2145.6 | 2121.4 | 2097.1 | 2121.4 |
| 32.5° | 2384.3 | 2390.4 | 2396.5 | 2332.1 | 2244.2 | 2161.8 | 2084.9 | 2020.6 | 1994.4 | 1968.2 | 1994.4 |
| 35° | 2291.0 | 2280.0 | 2269.1 | 2183.5 | 2073.1 | 1979.1 | 1901.4 | 1837.4 | 1814.3 | 1791.3 | 1814.3 |
| 37.5° | 2180.6 | 2148.1 | 2115.6 | 2019.2 | 1901.5 | 1801.9 | 1720.6 | 1653.3 | 1627.8 | 1602.3 | 1627.8 |
| 40° | 2099.8 | 2053.7 | 2007.6 | 1904.1 | 1781.5 | 1679.6 | 1598.3 | 1530.9 | 1505.5 | 1480.0 | 1505.5 |
| 42.5° | 2010.2 | 1952.5 | 1894.7 | 1788.3 | 1665.8 | 1563.8 | 1482.5 | 1414.9 | 1388.5 | 1362.0 | 1388.5 |
| 45° | 1862.3 | 1794.3 | 1726.3 | 1615.6 | 1490.6 | 1388.6 | 1309.8 | 1244.2 | 1218.7 | 1193.3 | 1218.7 |
| 47.5° | 1695.7 | 1628.2 | 1560.7 | 1450.3 | 1325.5 | 1224.9 | 1148.5 | 1085.7 | 1063.8 | 1042.0 | 1063.8 |
| 50° | 1575.5 | 1510.0 | 1444.5 | 1338.9 | 1220.0 | 1122.3 | 1045.8 | 981.8 | 955.1 | 928.4 | 955.1 |
| 52.5° | 1453.2 | 1394.5 | 1335.7 | 1234.0 | 1118.0 | 1020.8 | 942.4 | 874.5 | 838.1 | 801.7 | 838.1 |
| 55° | 1286.1 | 1230.3 | 1174.5 | 1078.6 | 969.4 | 871.1 | 783.7 | 713.0 | 692.4 | 671.7 | 692.4 |
| 57.5° | 1114.1 | 1065.8 | 1017.5 | 931.3 | 832.5 | 743.4 | 664.1 | 600.3 | 583.3 | 566.3 | 583.3 |
| 60° | 1004.9 | 962.4 | 919.9 | 837.4 | 741.5 | 660.2 | 593.4 | 539.1 | 522.1 | 505.2 | 522.1 |
| 62.5° | 900.0 | 862.4 | 824.8 | 745.6 | 652.7 | 579.6 | 526.5 | 483.1 | 469.0 | 454.9 | 469.0 |
| 65° | 742.7 | 714.8 | 686.9 | 621.7 | 544.0 | 483.3 | 439.6 | 403.8 | 391.7 | 379.5 | 391.7 |
| 67.5° | 589.8 | 574.3 | 558.7 | 509.9 | 449.9 | 400.8 | 362.4 | 331.7 | 323.7 | 315.7 | 323.7 |
| 70° | 491.5 | 486.6 | 481.8 | 441.4 | 389.3 | 347.4 | 315.8 | 290.7 | 284.6 | 278.5 | 284.6 |
| 72.5° | 406.3 | 408.3 | 410.2 | 376.6 | 331.2 | 296.2 | 271.4 | 251.8 | 247.7 | 243.6 | 247.7 |
| 75° | 289.4 | 299.1 | 308.9 | 286.7 | 253.9 | 229.1 | 212.1 | 198.7 | 196.3 | 193.9 | 196.3 |
| 77.5° | 197.1 | 211.7 | 226.3 | 211.9 | 187.9 | 169.5 | 156.9 | 147.0 | 145.0 | 143.1 | 145.0 |
| 80° | 144.7 | 159.3 | 173.8 | 163.8 | 145.6 | 131.7 | 122.0 | 114.7 | 114.7 | 114.7 | 114.7 |
| 82.5° | 101.0 | 112.7 | 124.3 | 117.2 | 103.9 | 94.8 | 89.9 | 86.3 | 86.3 | 86.3 | 86.3 |
| 85° | 49.2 | 55.2 | 61.3 | 59.2 | 54.3 | 48.2 | 41.0 | 35.2 | 34.0 | 32.8 | 34.0 |
| 87.5° | 14.5 | 19.2 | 24.4 | 23.3 | 19.8 | 17.3 | 16.4 | 16.1 | 16.6 | 16.6 | 16.6 |
| 90° | 6.8 | 15.9 | 27.3 | 36.4 | 43.2 | 45.5 | 45.5 | 47.8 | 50.0 | 50.0 | 50.0 |
| 92.5° | 25.0 | 39.6 | 40.0 | 40.0 | 48.7 | 52.8 | 56.4 | 56.9 | 59.1 | 59.1 | 59.1 |
| 95° | 70.5 | 77.3 | 116.0 | 113.7 | 77.3 | 61.4 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| 97.5° | 134.6 | 144.6 | 151.0 | 202.4 | 213.8 | 206.5 | 168.3 | 141.5 | 126.4 | 119.6 | 126.4 |
| 100° | 191.0 | 195.6 | 209.2 | 211.5 | 268.4 | 322.9 | 295.7 | 261.5 | 250.2 | 243.3 | 250.2 |
| 102.5° | 247.4 | 250.2 | 271.1 | 280.6 | 293.8 | 324.8 | 419.4 | 408.9 | 401.2 | 399.8 | 401.2 |
| 105° | 332.0 | 334.3 | 373.0 | 391.2 | 400.3 | 400.3 | 398.0 | 443.5 | 516.3 | 532.2 | 516.3 |
| 107.5° | 422.6 | 433.0 | 478.5 | 527.2 | 537.6 | 540.4 | 528.5 | 521.7 | 519.0 | 520.8 | 519.0 |
| 110° | 484.4 | 500.3 | 554.9 | 616.3 | 632.2 | 636.8 | 632.2 | 625.4 | 620.9 | 620.9 | 620.9 |



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CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 544.5 | 567.7 | 629.5 | 700.0 | 726.9 | 740.5 | 730.5 | 725.5 | 720.9 | 724.6 | 720.9 |
| 115° | 636.8 | 670.9 | 752.8 | 825.6 | 880.1 | 887.0 | 884.7 | 884.7 | 882.4 | 882.4 | 882.4 |
| 117.5° | 722.3 | 776.9 | 868.8 | 953.4 | 1016.6 | 1034.8 | 1043.9 | 1041.2 | 1038.4 | 1043.0 | 1038.4 |
| 120° | 782.3 | 846.0 | 950.6 | 1046.2 | 1107.6 | 1134.9 | 1144.0 | 1139.4 | 1144.0 | 1139.4 | 1144.0 |
| 122.5° | 846.0 | 924.3 | 1027.1 | 1126.2 | 1198.5 | 1229.5 | 1240.4 | 1241.3 | 1242.2 | 1239.5 | 1242.2 |
| 125° | 941.5 | 1037.1 | 1157.6 | 1259.9 | 1335.0 | 1371.4 | 1380.5 | 1382.8 | 1387.3 | 1398.7 | 1387.3 |
| 127.5° | 1038.0 | 1146.2 | 1278.6 | 1377.3 | 1454.2 | 1498.3 | 1512.4 | 1517.4 | 1526.9 | 1531.9 | 1526.9 |
| 130° | 1105.3 | 1228.1 | 1362.3 | 1455.5 | 1530.6 | 1578.3 | 1603.4 | 1610.2 | 1621.6 | 1619.3 | 1621.6 |
| 132.5° | 1176.3 | 1304.5 | 1440.5 | 1537.4 | 1607.0 | 1658.4 | 1679.8 | 1699.3 | 1703.4 | 1706.6 | 1703.4 |
| 135° | 1280.4 | 1419.1 | 1555.6 | 1651.1 | 1717.1 | 1767.1 | 1794.4 | 1812.6 | 1824.0 | 1830.8 | 1824.0 |
| 137.5° | 1390.0 | 1536.5 | 1667.5 | 1752.6 | 1819.0 | 1862.2 | 1893.1 | 1912.2 | 1924.0 | 1929.5 | 1924.0 |
| 140° | 1464.6 | 1605.6 | 1733.0 | 1821.7 | 1880.8 | 1924.0 | 1951.3 | 1974.1 | 1987.7 | 1987.7 | 1987.7 |
| 142.5° | 1535.6 | 1674.8 | 1798.5 | 1887.2 | 1939.0 | 1978.6 | 2007.7 | 2025.0 | 2040.5 | 2040.5 | 2040.5 |
| 145° | 1635.2 | 1773.9 | 1887.6 | 1976.3 | 2019.6 | 2055.9 | 2087.8 | 2101.4 | 2110.5 | 2110.5 | 2110.5 |
| 147.5° | 1739.4 | 1862.2 | 1965.9 | 2050.9 | 2087.3 | 2130.1 | 2155.1 | 2166.0 | 2177.4 | 2172.4 | 2177.4 |
| 150° | 1801.2 | 1914.9 | 2015.0 | 2094.6 | 2131.0 | 2171.9 | 2196.9 | 2206.0 | 2217.4 | 2210.6 | 2217.4 |
| 152.5° | 1861.3 | 1969.5 | 2060.5 | 2134.6 | 2165.6 | 2206.5 | 2235.2 | 2244.2 | 2252.0 | 2247.0 | 2252.0 |
| 155° | 1942.2 | 2037.7 | 2121.9 | 2190.1 | 2217.4 | 2256.1 | 2283.4 | 2294.7 | 2303.8 | 2292.5 | 2303.8 |
| 157.5° | 2014.5 | 2096.9 | 2170.1 | 2232.9 | 2262.0 | 2295.2 | 2320.7 | 2334.8 | 2343.9 | 2338.9 | 2343.9 |
| 160° | 2058.2 | 2133.3 | 2199.2 | 2258.3 | 2285.6 | 2315.2 | 2342.5 | 2358.4 | 2367.5 | 2360.7 | 2367.5 |
| 162.5° | 2094.6 | 2162.4 | 2224.7 | 2278.4 | 2302.0 | 2327.9 | 2360.7 | 2374.8 | 2383.9 | 2375.2 | 2383.9 |
| 165° | 2146.9 | 2201.5 | 2256.1 | 2301.6 | 2322.0 | 2342.5 | 2376.6 | 2392.5 | 2399.4 | 2390.3 | 2399.4 |
| 167.5° | 2186.5 | 2228.3 | 2272.5 | 2311.6 | 2326.6 | 2346.6 | 2380.7 | 2393.9 | 2402.5 | 2391.2 | 2402.5 |
| 170° | 2208.3 | 2244.7 | 2283.4 | 2315.2 | 2326.6 | 2344.8 | 2378.9 | 2390.3 | 2397.1 | 2385.7 | 2397.1 |
| 172.5° | 2226.5 | 2253.8 | 2285.2 | 2313.4 | 2319.3 | 2333.9 | 2366.2 | 2377.5 | 2382.5 | 2373.0 | 2382.5 |
| 175° | 2244.7 | 2260.6 | 2283.4 | 2301.6 | 2299.3 | 2308.4 | 2335.7 | 2344.8 | 2353.9 | 2340.2 | 2353.9 |
| 177.5° | 2253.3 | 2260.6 | 2267.9 | 2278.8 | 2271.5 | 2271.5 | 2291.6 | 2297.0 | 2298.8 | 2291.6 | 2298.8 |
| 180° | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 |



TEST NUMBER: P1428485

CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 |
| 2.5° | 2863.5 | 2862.0 | 2861.0 | 2865.9 | 2876.6 | 2880.5 | 2863.9 | 2847.4 | 2863.9 | 2880.5 | 2876.6 |
| 5° | 2864.4 | 2860.7 | 2859.5 | 2864.4 | 2875.3 | 2878.3 | 2857.7 | 2837.1 | 2857.7 | 2878.3 | 2875.3 |
| 7.5° | 2863.2 | 2857.5 | 2853.3 | 2855.4 | 2863.6 | 2864.6 | 2843.7 | 2822.9 | 2843.7 | 2864.6 | 2863.6 |
| 10° | 2858.6 | 2851.6 | 2845.6 | 2846.2 | 2853.5 | 2853.5 | 2831.6 | 2809.8 | 2831.6 | 2853.5 | 2853.5 |
| 12.5° | 2849.9 | 2842.2 | 2835.1 | 2834.3 | 2839.6 | 2837.9 | 2815.1 | 2792.3 | 2815.1 | 2837.9 | 2839.6 |
| 15° | 2827.7 | 2819.8 | 2811.3 | 2807.6 | 2808.9 | 2803.7 | 2779.4 | 2755.1 | 2779.4 | 2803.7 | 2808.9 |
| 17.5° | 2768.4 | 2766.1 | 2763.9 | 2763.6 | 2765.3 | 2760.6 | 2736.3 | 2712.0 | 2736.3 | 2760.6 | 2765.3 |
| 20° | 2708.7 | 2715.1 | 2723.6 | 2729.7 | 2733.3 | 2730.0 | 2705.7 | 2681.4 | 2705.7 | 2730.0 | 2733.3 |
| 22.5° | 2623.8 | 2643.0 | 2666.1 | 2681.8 | 2690.3 | 2690.2 | 2663.9 | 2637.7 | 2663.9 | 2690.2 | 2690.3 |
| 25° | 2463.9 | 2503.9 | 2551.3 | 2587.1 | 2611.3 | 2623.2 | 2597.7 | 2572.2 | 2597.7 | 2623.2 | 2611.3 |
| 27.5° | 2276.4 | 2333.2 | 2400.4 | 2458.1 | 2506.1 | 2537.0 | 2516.4 | 2495.7 | 2516.4 | 2537.0 | 2506.1 |
| 30° | 2145.6 | 2207.2 | 2281.2 | 2353.5 | 2423.8 | 2472.7 | 2456.9 | 2441.1 | 2456.9 | 2472.7 | 2423.8 |
| 32.5° | 2020.6 | 2084.9 | 2161.8 | 2244.2 | 2332.1 | 2396.5 | 2390.4 | 2384.3 | 2390.4 | 2396.5 | 2332.1 |
| 35° | 1837.4 | 1901.4 | 1979.1 | 2073.1 | 2183.5 | 2269.1 | 2280.0 | 2291.0 | 2280.0 | 2269.1 | 2183.5 |
| 37.5° | 1653.3 | 1720.6 | 1801.9 | 1901.5 | 2019.2 | 2115.6 | 2148.1 | 2180.6 | 2148.1 | 2115.6 | 2019.2 |
| 40° | 1530.9 | 1598.3 | 1679.6 | 1781.5 | 1904.1 | 2007.6 | 2053.7 | 2099.8 | 2053.7 | 2007.6 | 1904.1 |
| 42.5° | 1414.9 | 1482.5 | 1563.8 | 1665.8 | 1788.3 | 1894.7 | 1952.5 | 2010.2 | 1952.5 | 1894.7 | 1788.3 |
| 45° | 1244.2 | 1309.8 | 1388.6 | 1490.6 | 1615.6 | 1726.3 | 1794.3 | 1862.3 | 1794.3 | 1726.3 | 1615.6 |
| 47.5° | 1085.7 | 1148.5 | 1224.9 | 1325.5 | 1450.3 | 1560.7 | 1628.2 | 1695.7 | 1628.2 | 1560.7 | 1450.3 |
| 50° | 981.8 | 1045.8 | 1122.3 | 1220.0 | 1338.9 | 1444.5 | 1510.0 | 1575.5 | 1510.0 | 1444.5 | 1338.9 |
| 52.5° | 874.5 | 942.4 | 1020.8 | 1118.0 | 1234.0 | 1335.7 | 1394.5 | 1453.2 | 1394.5 | 1335.7 | 1234.0 |
| 55° | 713.0 | 783.7 | 871.1 | 969.4 | 1078.6 | 1174.5 | 1230.3 | 1286.1 | 1230.3 | 1174.5 | 1078.6 |
| 57.5° | 600.3 | 664.1 | 743.4 | 832.5 | 931.3 | 1017.5 | 1065.8 | 1114.1 | 1065.8 | 1017.5 | 931.3 |
| 60° | 539.1 | 593.4 | 660.2 | 741.5 | 837.4 | 919.9 | 962.4 | 1004.9 | 962.4 | 919.9 | 837.4 |
| 62.5° | 483.1 | 526.5 | 579.6 | 652.7 | 745.6 | 824.8 | 862.4 | 900.0 | 862.4 | 824.8 | 745.6 |
| 65° | 403.8 | 439.6 | 483.3 | 544.0 | 621.7 | 686.9 | 714.8 | 742.7 | 714.8 | 686.9 | 621.7 |
| 67.5° | 331.7 | 362.4 | 400.8 | 449.9 | 509.9 | 558.7 | 574.3 | 589.8 | 574.3 | 558.7 | 509.9 |
| 70° | 290.7 | 315.8 | 347.4 | 389.3 | 441.4 | 481.8 | 486.6 | 491.5 | 486.6 | 481.8 | 441.4 |
| 72.5° | 251.8 | 271.4 | 296.2 | 331.2 | 376.6 | 410.2 | 408.3 | 406.3 | 408.3 | 410.2 | 376.6 |
| 75° | 198.7 | 212.1 | 229.1 | 253.9 | 286.7 | 308.9 | 299.1 | 289.4 | 299.1 | 308.9 | 286.7 |
| 77.5° | 147.0 | 156.9 | 169.5 | 187.9 | 211.9 | 226.3 | 211.7 | 197.1 | 211.7 | 226.3 | 211.9 |
| 80° | 114.7 | 122.0 | 131.7 | 145.6 | 163.8 | 173.8 | 159.3 | 144.7 | 159.3 | 173.8 | 163.8 |
| 82.5° | 86.3 | 89.9 | 94.8 | 103.9 | 117.2 | 124.3 | 112.7 | 101.0 | 112.7 | 124.3 | 117.2 |
| 85° | 35.2 | 41.0 | 48.2 | 54.3 | 59.2 | 61.3 | 55.2 | 49.2 | 55.2 | 61.3 | 59.2 |
| 87.5° | 16.1 | 16.4 | 17.3 | 19.8 | 23.3 | 24.4 | 19.2 | 14.5 | 19.2 | 23.9 | 24.2 |
| 90° | 47.8 | 45.5 | 45.5 | 43.2 | 36.4 | 27.3 | 15.9 | 6.8 | 15.9 | 25.0 | 40.9 |
| 92.5° | 56.9 | 56.4 | 52.8 | 48.7 | 40.0 | 40.0 | 39.6 | 25.0 | 43.2 | 61.4 | 88.2 |
| 95° | 52.3 | 52.3 | 61.4 | 77.3 | 113.7 | 116.0 | 77.3 | 70.5 | 100.1 | 141.0 | 177.4 |
| 97.5° | 141.5 | 168.3 | 206.5 | 213.8 | 202.4 | 151.0 | 144.6 | 134.6 | 183.3 | 223.8 | 282.5 |
| 100° | 261.5 | 295.7 | 322.9 | 268.4 | 211.5 | 209.2 | 195.6 | 191.0 | 243.3 | 282.0 | 338.9 |
| 102.5° | 408.9 | 419.4 | 324.8 | 293.8 | 280.6 | 271.1 | 250.2 | 247.4 | 299.7 | 353.0 | 400.7 |
| 105° | 443.5 | 398.0 | 400.3 | 400.3 | 391.2 | 373.0 | 334.3 | 332.0 | 391.2 | 452.6 | 511.7 |
| 107.5° | 521.7 | 528.5 | 540.4 | 537.6 | 527.2 | 478.5 | 433.0 | 422.6 | 475.8 | 549.5 | 614.5 |
| 110° | 625.4 | 632.2 | 636.8 | 632.2 | 616.3 | 554.9 | 500.3 | 484.4 | 532.2 | 609.5 | 680.0 |



TEST NUMBER: P1428485

CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 725.5 | 730.5 | 740.5 | 726.9 | 700.0 | 629.5 | 567.7 | 544.5 | 592.2 | 671.4 | 743.7 |
| 115° | 884.7 | 884.7 | 887.0 | 880.1 | 825.6 | 752.8 | 670.9 | 636.8 | 677.7 | 750.5 | 830.1 |
| 117.5° | 1041.2 | 1043.9 | 1034.8 | 1016.6 | 953.4 | 868.8 | 776.9 | 722.3 | 754.6 | 831.5 | 913.3 |
| 120° | 1139.4 | 1144.0 | 1134.9 | 1107.6 | 1046.2 | 950.6 | 846.0 | 782.3 | 807.4 | 882.4 | 964.3 |
| 122.5° | 1241.3 | 1240.4 | 1229.5 | 1198.5 | 1126.2 | 1027.1 | 924.3 | 846.0 | 856.5 | 926.1 | 1006.1 |
| 125° | 1382.8 | 1380.5 | 1371.4 | 1335.0 | 1259.9 | 1157.6 | 1037.1 | 941.5 | 927.9 | 987.0 | 1068.9 |
| 127.5° | 1517.4 | 1512.4 | 1498.3 | 1454.2 | 1377.3 | 1278.6 | 1146.2 | 1038.0 | 1007.5 | 1044.8 | 1119.9 |
| 130° | 1610.2 | 1603.4 | 1578.3 | 1530.6 | 1455.5 | 1362.3 | 1228.1 | 1105.3 | 1062.1 | 1084.8 | 1150.8 |
| 132.5° | 1699.3 | 1679.8 | 1658.4 | 1607.0 | 1537.4 | 1440.5 | 1304.5 | 1176.3 | 1116.7 | 1126.7 | 1178.1 |
| 135° | 1812.6 | 1794.4 | 1767.1 | 1717.1 | 1651.1 | 1555.6 | 1419.1 | 1280.4 | 1198.5 | 1189.4 | 1219.0 |
| 137.5° | 1912.2 | 1893.1 | 1862.2 | 1819.0 | 1752.6 | 1667.5 | 1536.5 | 1390.0 | 1286.8 | 1256.3 | 1267.7 |
| 140° | 1974.1 | 1951.3 | 1924.0 | 1880.8 | 1821.7 | 1733.0 | 1605.6 | 1464.6 | 1348.6 | 1305.4 | 1298.6 |
| 142.5° | 2025.0 | 2007.7 | 1978.6 | 1939.0 | 1887.2 | 1798.5 | 1674.8 | 1535.6 | 1412.3 | 1356.4 | 1340.5 |
| 145° | 2101.4 | 2087.8 | 2055.9 | 2019.6 | 1976.3 | 1887.6 | 1773.9 | 1635.2 | 1512.4 | 1439.6 | 1405.5 |
| 147.5° | 2166.0 | 2155.1 | 2130.1 | 2087.3 | 2050.9 | 1965.9 | 1862.2 | 1739.4 | 1613.4 | 1523.3 | 1479.2 |
| 150° | 2206.0 | 2196.9 | 2171.9 | 2131.0 | 2094.6 | 2015.0 | 1914.9 | 1801.2 | 1680.7 | 1585.2 | 1528.3 |
| 152.5° | 2244.2 | 2235.2 | 2206.5 | 2165.6 | 2134.6 | 2060.5 | 1969.5 | 1861.3 | 1738.9 | 1643.4 | 1584.7 |
| 155° | 2294.7 | 2283.4 | 2256.1 | 2217.4 | 2190.1 | 2121.9 | 2037.7 | 1942.2 | 1837.6 | 1737.5 | 1671.6 |
| 157.5° | 2334.8 | 2320.7 | 2295.2 | 2262.0 | 2232.9 | 2170.1 | 2096.9 | 2014.5 | 1923.1 | 1827.6 | 1760.3 |
| 160° | 2358.4 | 2342.5 | 2315.2 | 2285.6 | 2258.3 | 2199.2 | 2133.3 | 2058.2 | 1974.1 | 1887.6 | 1814.9 |
| 162.5° | 2374.8 | 2360.7 | 2327.9 | 2302.0 | 2278.4 | 2224.7 | 2162.4 | 2094.6 | 2019.6 | 1944.0 | 1876.7 |
| 165° | 2392.5 | 2376.6 | 2342.5 | 2322.0 | 2301.6 | 2256.1 | 2201.5 | 2146.9 | 2083.2 | 2021.8 | 1967.2 |
| 167.5° | 2393.9 | 2380.7 | 2346.6 | 2326.6 | 2311.6 | 2272.5 | 2228.3 | 2186.5 | 2136.9 | 2088.7 | 2043.2 |
| 170° | 2390.3 | 2378.9 | 2344.8 | 2326.6 | 2315.2 | 2283.4 | 2244.7 | 2208.3 | 2169.7 | 2128.7 | 2092.3 |
| 172.5° | 2377.5 | 2366.2 | 2333.9 | 2319.3 | 2313.4 | 2285.2 | 2253.8 | 2226.5 | 2193.3 | 2163.3 | 2134.2 |
| 175° | 2344.8 | 2335.7 | 2308.4 | 2299.3 | 2301.6 | 2283.4 | 2260.6 | 2244.7 | 2224.2 | 2206.0 | 2190.1 |
| 177.5° | 2297.0 | 2291.6 | 2271.5 | 2271.5 | 2278.8 | 2267.9 | 2260.6 | 2253.3 | 2244.2 | 2238.8 | 2233.3 |
| 180° | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 |



TEST NUMBER: P1428485

CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 | 2867.1 |
| 2.5° | 2865.9 | 2861.0 | 2862.0 | 2863.5 | 2866.4 | 2869.3 | 2866.4 | 2863.5 | 2862.0 | 2861.0 | 2865.9 |
| 5° | 2864.4 | 2859.5 | 2860.7 | 2864.4 | 2875.3 | 2886.2 | 2875.3 | 2864.4 | 2860.7 | 2859.5 | 2864.4 |
| 7.5° | 2855.4 | 2853.3 | 2857.5 | 2863.2 | 2873.9 | 2884.6 | 2873.9 | 2863.2 | 2857.5 | 2853.3 | 2855.4 |
| 10° | 2846.2 | 2845.6 | 2851.6 | 2858.6 | 2868.3 | 2878.0 | 2868.3 | 2858.6 | 2851.6 | 2845.6 | 2846.2 |
| 12.5° | 2834.3 | 2835.1 | 2842.2 | 2849.9 | 2859.6 | 2869.3 | 2859.6 | 2849.9 | 2842.2 | 2835.1 | 2834.3 |
| 15° | 2807.6 | 2811.3 | 2819.8 | 2827.7 | 2833.7 | 2839.8 | 2833.7 | 2827.7 | 2819.8 | 2811.3 | 2807.6 |
| 17.5° | 2763.6 | 2763.9 | 2766.1 | 2768.4 | 2771.4 | 2774.3 | 2771.4 | 2768.4 | 2766.1 | 2763.9 | 2763.6 |
| 20° | 2729.7 | 2723.6 | 2715.1 | 2708.7 | 2708.7 | 2708.7 | 2708.7 | 2708.7 | 2715.1 | 2723.6 | 2729.7 |
| 22.5° | 2681.8 | 2666.1 | 2643.0 | 2623.8 | 2616.0 | 2608.2 | 2616.0 | 2623.8 | 2643.0 | 2666.1 | 2681.8 |
| 25° | 2587.1 | 2551.3 | 2503.9 | 2463.9 | 2445.7 | 2427.5 | 2445.7 | 2463.9 | 2503.9 | 2551.3 | 2587.1 |
| 27.5° | 2458.1 | 2400.4 | 2333.2 | 2276.4 | 2251.2 | 2226.0 | 2251.2 | 2276.4 | 2333.2 | 2400.4 | 2458.1 |
| 30° | 2353.5 | 2281.2 | 2207.2 | 2145.6 | 2121.4 | 2097.1 | 2121.4 | 2145.6 | 2207.2 | 2281.2 | 2353.5 |
| 32.5° | 2244.2 | 2161.8 | 2084.9 | 2020.6 | 1994.4 | 1968.2 | 1994.4 | 2020.6 | 2084.9 | 2161.8 | 2244.2 |
| 35° | 2073.1 | 1979.1 | 1901.4 | 1837.4 | 1814.3 | 1791.3 | 1814.3 | 1837.4 | 1901.4 | 1979.1 | 2073.1 |
| 37.5° | 1901.5 | 1801.9 | 1720.6 | 1653.3 | 1627.8 | 1602.3 | 1627.8 | 1653.3 | 1720.6 | 1801.9 | 1901.5 |
| 40° | 1781.5 | 1679.6 | 1598.3 | 1530.9 | 1505.5 | 1480.0 | 1505.5 | 1530.9 | 1598.3 | 1679.6 | 1781.5 |
| 42.5° | 1665.8 | 1563.8 | 1482.5 | 1414.9 | 1388.5 | 1362.0 | 1388.5 | 1414.9 | 1482.5 | 1563.8 | 1665.8 |
| 45° | 1490.6 | 1388.6 | 1309.8 | 1244.2 | 1218.7 | 1193.3 | 1218.7 | 1244.2 | 1309.8 | 1388.6 | 1490.6 |
| 47.5° | 1325.5 | 1224.9 | 1148.5 | 1085.7 | 1063.8 | 1042.0 | 1063.8 | 1085.7 | 1148.5 | 1224.9 | 1325.5 |
| 50° | 1220.0 | 1122.3 | 1045.8 | 981.8 | 955.1 | 928.4 | 955.1 | 981.8 | 1045.8 | 1122.3 | 1220.0 |
| 52.5° | 1118.0 | 1020.8 | 942.4 | 874.5 | 838.1 | 801.7 | 838.1 | 874.5 | 942.4 | 1020.8 | 1118.0 |
| 55° | 969.4 | 871.1 | 783.7 | 713.0 | 692.4 | 671.7 | 692.4 | 713.0 | 783.7 | 871.1 | 969.4 |
| 57.5° | 832.5 | 743.4 | 664.1 | 600.3 | 583.3 | 566.3 | 583.3 | 600.3 | 664.1 | 743.4 | 832.5 |
| 60° | 741.5 | 660.2 | 593.4 | 539.1 | 522.1 | 505.2 | 522.1 | 539.1 | 593.4 | 660.2 | 741.5 |
| 62.5° | 652.7 | 579.6 | 526.5 | 483.1 | 469.0 | 454.9 | 469.0 | 483.1 | 526.5 | 579.6 | 652.7 |
| 65° | 544.0 | 483.3 | 439.6 | 403.8 | 391.7 | 379.5 | 391.7 | 403.8 | 439.6 | 483.3 | 544.0 |
| 67.5° | 449.9 | 400.8 | 362.4 | 331.7 | 323.7 | 315.7 | 323.7 | 331.7 | 362.4 | 400.8 | 449.9 |
| 70° | 389.3 | 347.4 | 315.8 | 290.7 | 284.6 | 278.5 | 284.6 | 290.7 | 315.8 | 347.4 | 389.3 |
| 72.5° | 331.2 | 296.2 | 271.4 | 251.8 | 247.7 | 243.6 | 247.7 | 251.8 | 271.4 | 296.2 | 331.2 |
| 75° | 253.9 | 229.1 | 212.1 | 198.7 | 196.3 | 193.9 | 196.3 | 198.7 | 212.1 | 229.1 | 253.9 |
| 77.5° | 187.9 | 169.5 | 156.9 | 147.0 | 145.0 | 143.1 | 145.0 | 147.0 | 156.9 | 169.5 | 187.9 |
| 80° | 145.6 | 131.7 | 122.0 | 114.7 | 114.7 | 114.7 | 114.7 | 114.7 | 122.0 | 131.7 | 145.6 |
| 82.5° | 103.9 | 94.8 | 89.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 89.9 | 94.8 | 103.9 |
| 85° | 54.3 | 48.2 | 41.0 | 35.2 | 34.0 | 32.8 | 34.0 | 35.2 | 41.0 | 48.2 | 54.3 |
| 87.5° | 21.6 | 21.9 | 24.1 | 25.2 | 27.0 | 26.1 | 27.0 | 25.2 | 24.1 | 21.9 | 21.6 |
| 90° | 52.3 | 68.2 | 84.1 | 93.2 | 102.3 | 97.8 | 102.3 | 93.2 | 84.1 | 68.2 | 52.3 |
| 92.5° | 105.1 | 131.9 | 151.5 | 167.8 | 175.1 | 174.2 | 175.1 | 167.8 | 151.5 | 131.9 | 105.1 |
| 95° | 211.5 | 243.3 | 275.2 | 297.9 | 311.6 | 307.0 | 311.6 | 297.9 | 275.2 | 243.3 | 211.5 |
| 97.5° | 326.1 | 368.9 | 404.4 | 425.7 | 439.4 | 448.5 | 439.4 | 425.7 | 404.4 | 368.9 | 326.1 |
| 100° | 402.5 | 443.5 | 484.4 | 509.4 | 532.2 | 541.3 | 532.2 | 509.4 | 484.4 | 443.5 | 402.5 |
| 102.5° | 464.4 | 518.1 | 562.7 | 589.5 | 608.6 | 617.7 | 608.6 | 589.5 | 562.7 | 518.1 | 464.4 |
| 105° | 566.3 | 623.1 | 670.9 | 705.0 | 725.5 | 732.3 | 725.5 | 705.0 | 670.9 | 623.1 | 566.3 |
| 107.5° | 668.2 | 726.9 | 771.0 | 808.7 | 833.7 | 848.3 | 833.7 | 808.7 | 771.0 | 726.9 | 668.2 |
| 110° | 748.2 | 796.0 | 843.8 | 877.9 | 902.9 | 912.0 | 902.9 | 877.9 | 843.8 | 796.0 | 748.2 |



TEST NUMBER: P1428485

CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 815.6 | 868.8 | 916.5 | 950.6 | 979.3 | 992.0 | 979.3 | 950.6 | 916.5 | 868.8 | 815.6 |
| 115° | 909.7 | 980.2 | 1023.4 | 1055.3 | 1075.7 | 1087.1 | 1075.7 | 1055.3 | 1023.4 | 980.2 | 909.7 |
| 117.5° | 987.9 | 1061.6 | 1108.9 | 1133.5 | 1143.0 | 1151.2 | 1143.0 | 1133.5 | 1108.9 | 1061.6 | 987.9 |
| 120° | 1037.1 | 1105.3 | 1159.9 | 1191.7 | 1203.1 | 1207.6 | 1203.1 | 1191.7 | 1159.9 | 1105.3 | 1037.1 |
| 122.5° | 1082.6 | 1147.1 | 1199.9 | 1239.0 | 1257.7 | 1262.2 | 1257.7 | 1239.0 | 1199.9 | 1147.1 | 1082.6 |
| 125° | 1146.2 | 1207.6 | 1262.2 | 1300.9 | 1321.4 | 1332.7 | 1321.4 | 1300.9 | 1262.2 | 1207.6 | 1146.2 |
| 127.5° | 1201.7 | 1268.1 | 1318.2 | 1353.2 | 1373.2 | 1382.3 | 1373.2 | 1353.2 | 1318.2 | 1268.1 | 1201.7 |
| 130° | 1232.7 | 1300.9 | 1350.9 | 1389.6 | 1407.8 | 1416.9 | 1407.8 | 1389.6 | 1350.9 | 1300.9 | 1232.7 |
| 132.5° | 1256.3 | 1328.2 | 1380.0 | 1415.1 | 1435.1 | 1444.2 | 1435.1 | 1415.1 | 1380.0 | 1328.2 | 1256.3 |
| 135° | 1285.0 | 1360.0 | 1414.6 | 1448.7 | 1466.9 | 1476.0 | 1466.9 | 1448.7 | 1414.6 | 1360.0 | 1285.0 |
| 137.5° | 1310.0 | 1378.2 | 1435.1 | 1471.0 | 1487.4 | 1493.3 | 1487.4 | 1471.0 | 1435.1 | 1378.2 | 1310.0 |
| 140° | 1328.2 | 1387.3 | 1444.2 | 1478.3 | 1496.5 | 1498.7 | 1496.5 | 1478.3 | 1444.2 | 1387.3 | 1328.2 |
| 142.5° | 1351.8 | 1398.2 | 1447.8 | 1481.9 | 1500.1 | 1504.2 | 1500.1 | 1481.9 | 1447.8 | 1398.2 | 1351.8 |
| 145° | 1394.1 | 1421.4 | 1455.5 | 1487.4 | 1503.3 | 1507.8 | 1503.3 | 1487.4 | 1455.5 | 1421.4 | 1394.1 |
| 147.5° | 1447.3 | 1456.0 | 1473.7 | 1494.6 | 1510.1 | 1513.3 | 1510.1 | 1494.6 | 1473.7 | 1456.0 | 1447.3 |
| 150° | 1487.4 | 1485.1 | 1491.9 | 1505.6 | 1519.2 | 1516.9 | 1519.2 | 1505.6 | 1491.9 | 1485.1 | 1487.4 |
| 152.5° | 1532.9 | 1519.7 | 1519.2 | 1525.6 | 1531.9 | 1531.5 | 1531.9 | 1525.6 | 1519.2 | 1519.7 | 1532.9 |
| 155° | 1610.2 | 1585.2 | 1571.5 | 1567.0 | 1567.0 | 1564.7 | 1567.0 | 1567.0 | 1571.5 | 1585.2 | 1610.2 |
| 157.5° | 1695.2 | 1660.2 | 1639.7 | 1628.8 | 1625.6 | 1620.6 | 1625.6 | 1628.8 | 1639.7 | 1660.2 | 1695.2 |
| 160° | 1753.5 | 1714.8 | 1694.3 | 1676.1 | 1669.3 | 1662.5 | 1669.3 | 1676.1 | 1694.3 | 1714.8 | 1753.5 |
| 162.5° | 1808.0 | 1771.2 | 1748.9 | 1732.5 | 1725.7 | 1715.3 | 1725.7 | 1732.5 | 1748.9 | 1771.2 | 1808.0 |
| 165° | 1896.7 | 1858.1 | 1833.1 | 1819.4 | 1810.3 | 1801.2 | 1810.3 | 1819.4 | 1833.1 | 1858.1 | 1896.7 |
| 167.5° | 1985.4 | 1943.1 | 1926.8 | 1911.3 | 1902.7 | 1886.3 | 1902.7 | 1911.3 | 1926.8 | 1943.1 | 1985.4 |
| 170° | 2040.0 | 2001.4 | 1992.3 | 1978.6 | 1962.7 | 1944.5 | 1962.7 | 1978.6 | 1992.3 | 2001.4 | 2040.0 |
| 172.5° | 2087.3 | 2061.4 | 2052.3 | 2038.7 | 2033.7 | 2019.1 | 2033.7 | 2038.7 | 2052.3 | 2061.4 | 2087.3 |
| 175° | 2156.0 | 2135.5 | 2135.5 | 2133.3 | 2126.4 | 2112.8 | 2126.4 | 2133.3 | 2135.5 | 2135.5 | 2156.0 |
| 177.5° | 2213.3 | 2202.4 | 2209.7 | 2209.7 | 2207.9 | 2195.1 | 2207.9 | 2209.7 | 2209.7 | 2202.4 | 2213.3 |
| 180° | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 | 2251.5 |



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CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 2867.1 | 2867.1 | 2867.1 | 2867.1 |
| 2.5° | 2876.6 | 2880.5 | 2863.9 | 2847.4 |
| 5° | 2875.3 | 2878.3 | 2857.7 | 2837.1 |
| 7.5° | 2863.6 | 2864.6 | 2843.7 | 2822.9 |
| 10° | 2853.5 | 2853.5 | 2831.6 | 2809.8 |
| 12.5° | 2839.6 | 2837.9 | 2815.1 | 2792.3 |
| 15° | 2808.9 | 2803.7 | 2779.4 | 2755.1 |
| 17.5° | 2765.3 | 2760.6 | 2736.3 | 2712.0 |
| 20° | 2733.3 | 2730.0 | 2705.7 | 2681.4 |
| 22.5° | 2690.3 | 2690.2 | 2663.9 | 2637.7 |
| 25° | 2611.3 | 2623.2 | 2597.7 | 2572.2 |
| 27.5° | 2506.1 | 2537.0 | 2516.4 | 2495.7 |
| 30° | 2423.8 | 2472.7 | 2456.9 | 2441.1 |
| 32.5° | 2332.1 | 2396.5 | 2390.4 | 2384.3 |
| 35° | 2183.5 | 2269.1 | 2280.0 | 2291.0 |
| 37.5° | 2019.2 | 2115.6 | 2148.1 | 2180.6 |
| 40° | 1904.1 | 2007.6 | 2053.7 | 2099.8 |
| 42.5° | 1788.3 | 1894.7 | 1952.5 | 2010.2 |
| 45° | 1615.6 | 1726.3 | 1794.3 | 1862.3 |
| 47.5° | 1450.3 | 1560.7 | 1628.2 | 1695.7 |
| 50° | 1338.9 | 1444.5 | 1510.0 | 1575.5 |
| 52.5° | 1234.0 | 1335.7 | 1394.5 | 1453.2 |
| 55° | 1078.6 | 1174.5 | 1230.3 | 1286.1 |
| 57.5° | 931.3 | 1017.5 | 1065.8 | 1114.1 |
| 60° | 837.4 | 919.9 | 962.4 | 1004.9 |
| 62.5° | 745.6 | 824.8 | 862.4 | 900.0 |
| 65° | 621.7 | 686.9 | 714.8 | 742.7 |
| 67.5° | 509.9 | 558.7 | 574.3 | 589.8 |
| 70° | 441.4 | 481.8 | 486.6 | 491.5 |
| 72.5° | 376.6 | 410.2 | 408.3 | 406.3 |
| 75° | 286.7 | 308.9 | 299.1 | 289.4 |
| 77.5° | 211.9 | 226.3 | 211.7 | 197.1 |
| 80° | 163.8 | 173.8 | 159.3 | 144.7 |
| 82.5° | 117.2 | 124.3 | 112.7 | 101.0 |
| 85° | 59.2 | 61.3 | 55.2 | 49.2 |
| 87.5° | 24.2 | 23.9 | 19.2 | 14.5 |
| 90° | 40.9 | 25.0 | 15.9 | 6.8 |
| 92.5° | 88.2 | 61.4 | 43.2 | 25.0 |
| 95° | 177.4 | 141.0 | 100.1 | 70.5 |
| 97.5° | 282.5 | 223.8 | 183.3 | 134.6 |
| 100° | 338.9 | 282.0 | 243.3 | 191.0 |
| 102.5° | 400.7 | 353.0 | 299.7 | 247.4 |
| 105° | 511.7 | 452.6 | 391.2 | 332.0 |
| 107.5° | 614.5 | 549.5 | 475.8 | 422.6 |
| 110° | 680.0 | 609.5 | 532.2 | 484.4 |



TEST NUMBER: P1428485

CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 743.7 | 671.4 | 592.2 | 544.5 |
| 115° | 830.1 | 750.5 | 677.7 | 636.8 |
| 117.5° | 913.3 | 831.5 | 754.6 | 722.3 |
| 120° | 964.3 | 882.4 | 807.4 | 782.3 |
| 122.5° | 1006.1 | 926.1 | 856.5 | 846.0 |
| 125° | 1068.9 | 987.0 | 927.9 | 941.5 |
| 127.5° | 1119.9 | 1044.8 | 1007.5 | 1038.0 |
| 130° | 1150.8 | 1084.8 | 1062.1 | 1105.3 |
| 132.5° | 1178.1 | 1126.7 | 1116.7 | 1176.3 |
| 135° | 1219.0 | 1189.4 | 1198.5 | 1280.4 |
| 137.5° | 1267.7 | 1256.3 | 1286.8 | 1390.0 |
| 140° | 1298.6 | 1305.4 | 1348.6 | 1464.6 |
| 142.5° | 1340.5 | 1356.4 | 1412.3 | 1535.6 |
| 145° | 1405.5 | 1439.6 | 1512.4 | 1635.2 |
| 147.5° | 1479.2 | 1523.3 | 1613.4 | 1739.4 |
| 150° | 1528.3 | 1585.2 | 1680.7 | 1801.2 |
| 152.5° | 1584.7 | 1643.4 | 1738.9 | 1861.3 |
| 155° | 1671.6 | 1737.5 | 1837.6 | 1942.2 |
| 157.5° | 1760.3 | 1827.6 | 1923.1 | 2014.5 |
| 160° | 1814.9 | 1887.6 | 1974.1 | 2058.2 |
| 162.5° | 1876.7 | 1944.0 | 2019.6 | 2094.6 |
| 165° | 1967.2 | 2021.8 | 2083.2 | 2146.9 |
| 167.5° | 2043.2 | 2088.7 | 2136.9 | 2186.5 |
| 170° | 2092.3 | 2128.7 | 2169.7 | 2208.3 |
| 172.5° | 2134.2 | 2163.3 | 2193.3 | 2226.5 |
| 175° | 2190.1 | 2206.0 | 2224.2 | 2244.7 |
| 177.5° | 2233.3 | 2238.8 | 2244.2 | 2253.3 |
| 180° | 2251.5 | 2251.5 | 2251.5 | 2251.5 |



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 CATALOG NUMBER: SQ2W-PW1-K-150U-125D-L830-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 | 20.16 | 20.98 | 21.14 | 21.96 | 23.25 | 16.41 | 17.23 | 17.38 | 18.21 | 19.49 |
| | 3H | 21.46 | 22.19 | 22.45 | 23.18 | 24.49 | 17.68 | 18.41 | 18.66 | 19.40 | 20.71 |
| | 4H | 21.87 | 22.56 | 22.86 | 23.55 | 24.87 | 18.18 | 18.87 | 19.18 | 19.87 | 21.18 |
| | 6H | 22.05 | 22.68 | 23.05 | 23.68 | 25.01 | 18.49 | 19.12 | 19.50 | 20.12 | 21.45 |
| | 8H | 22.09 | 22.69 | 23.10 | 23.71 | 25.03 | 18.60 | 19.21 | 19.61 | 20.22 | 21.54 |
| | 12H | 22.09 | 22.66 | 23.10 | 23.67 | 25.02 | 18.63 | 19.20 | 19.65 | 20.21 | 21.56 |
| 4H | 2H | 20.29 | 20.98 | 21.29 | 21.97 | 23.29 | 17.22 | 17.91 | 18.22 | 18.90 | 20.22 |
| | 3H | 21.83 | 22.40 | 22.84 | 23.42 | 24.75 | 18.66 | 19.23 | 19.67 | 20.25 | 21.58 |
| | 4H | 22.37 | 22.89 | 23.39 | 23.91 | 25.26 | 19.24 | 19.76 | 20.25 | 20.77 | 22.13 |
| | 6H | 22.68 | 23.13 | 23.71 | 24.17 | 25.52 | 19.62 | 20.07 | 20.65 | 21.11 | 22.46 |
| | 8H | 22.77 | 23.19 | 23.80 | 24.22 | 25.58 | 19.77 | 20.19 | 20.80 | 21.22 | 22.58 |
| | 12H | 22.79 | 23.17 | 23.84 | 24.21 | 25.58 | 19.81 | 20.19 | 20.86 | 21.23 | 22.60 |
| 8H | 4H | 22.41 | 22.82 | 23.44 | 23.86 | 25.22 | 19.58 | 20.00 | 20.61 | 21.03 | 22.39 |
| | 6H | 22.83 | 23.17 | 23.88 | 24.24 | 25.61 | 20.07 | 20.41 | 21.12 | 21.49 | 22.85 |
| | 8H | 23.00 | 23.30 | 24.06 | 24.36 | 25.74 | 20.29 | 20.59 | 21.35 | 21.65 | 23.03 |
| | 12H | 23.07 | 23.34 | 24.14 | 24.39 | 25.82 | 20.37 | 20.64 | 21.43 | 21.69 | 23.11 |
| 12H | 4H | 22.36 | 22.74 | 23.41 | 23.79 | 25.16 | 19.59 | 19.97 | 20.64 | 21.02 | 22.39 |
| | 6H | 22.82 | 23.12 | 23.88 | 24.18 | 25.56 | 20.14 | 20.45 | 21.20 | 21.50 | 22.89 |
| | 8H | 23.01 | 23.28 | 24.07 | 24.33 | 25.75 | 20.38 | 20.65 | 21.45 | 21.70 | 23.13 |