

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: P1435854

Luminaire Tested: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435854
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2502-345-2)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS ASYMMETRIC ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

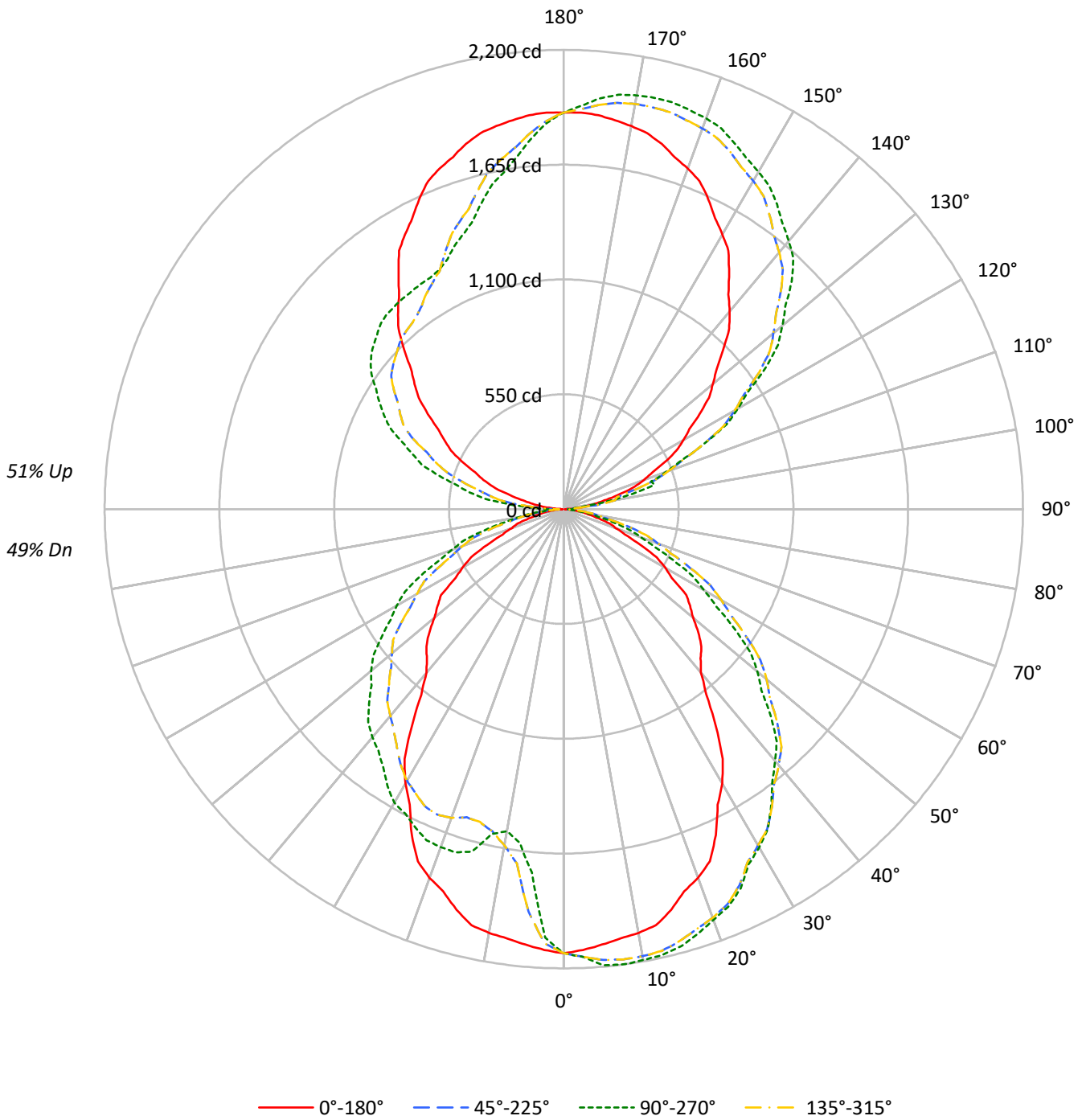
Lumens per Lamp: N/A
Luminaire Lumens: 10838.5 lumens
Efficiency: N/A
Efficacy: 116.3 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.23 / 1.34
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 93.2
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: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-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 | 98 | 98 | 98 | 98 | 83 | 83 | 83 | 68 | 68 | 68 | 55 | 55 | 55 | 49 |
| 1 | 98 | 93 | 90 | 86 | 90 | 86 | 83 | 80 | 73 | 70 | 68 | 60 | 59 | 57 | 49 | 48 | 47 | 41 |
| 2 | 89 | 82 | 75 | 70 | 82 | 75 | 70 | 66 | 64 | 60 | 56 | 53 | 50 | 48 | 43 | 41 | 39 | 35 |
| 3 | 81 | 72 | 64 | 59 | 74 | 66 | 60 | 55 | 56 | 51 | 47 | 47 | 43 | 40 | 38 | 36 | 34 | 29 |
| 4 | 74 | 63 | 56 | 50 | 68 | 59 | 52 | 46 | 50 | 45 | 40 | 42 | 38 | 35 | 34 | 31 | 29 | 25 |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 40 | 45 | 39 | 35 | 37 | 33 | 30 | 31 | 28 | 25 | 22 |
| 6 | 63 | 51 | 43 | 37 | 58 | 47 | 40 | 35 | 40 | 35 | 30 | 34 | 29 | 26 | 28 | 25 | 22 | 19 |
| 7 | 58 | 46 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 31 | 27 | 31 | 26 | 23 | 25 | 22 | 20 | 17 |
| 8 | 54 | 41 | 34 | 28 | 49 | 39 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 | 15 |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 29 | 24 | 30 | 25 | 21 | 26 | 22 | 19 | 21 | 18 | 16 | 14 |
| 10 | 47 | 35 | 27 | 23 | 43 | 32 | 26 | 21 | 28 | 23 | 19 | 24 | 20 | 17 | 20 | 17 | 14 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 34348 | 34348 | 34348 | 34348 |
| 5° | 33944 | 35549 | 33944 | 28332 |
| 10° | 33798 | 35960 | 33798 | 25685 |
| 15° | 33216 | 36250 | 33216 | 28392 |
| 20° | 32302 | 35985 | 32302 | 29611 |
| 25° | 30702 | 35695 | 30702 | 29966 |
| 30° | 28286 | 34896 | 28286 | 30284 |
| 35° | 25030 | 34130 | 25030 | 29743 |
| 40° | 21551 | 33196 | 21551 | 30066 |
| 45° | 21276 | 32008 | 21276 | 30124 |
| 50° | 20298 | 30446 | 20298 | 30240 |
| 55° | 20194 | 28084 | 20194 | 29942 |
| 60° | 18106 | 25029 | 18106 | 29821 |
| 65° | 15434 | 22051 | 15434 | 28981 |
| 70° | 12458 | 18684 | 12458 | 26860 |
| 75° | 10804 | 15433 | 10804 | 24691 |
| 80° | 9196 | 11501 | 9196 | 19935 |
| 85° | 6113 | 6113 | 6113 | 12226 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 33012 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 191.4 | 1.8 |
| 10°-20° | 534.9 | 4.9 |
| 20°-30° | 812.3 | 7.5 |
| 30°-40° | 953.6 | 8.8 |
| 40°-50° | 967.8 | 8.9 |
| 50°-60° | 847.7 | 7.8 |
| 60°-70° | 601.2 | 5.5 |
| 70°-80° | 309.6 | 2.9 |
| 80°-90° | 72.8 | 0.7 |
| 90°-100° | 151.2 | 1.4 |
| 100°-110° | 440.9 | 4.1 |
| 110°-120° | 719.6 | 6.6 |
| 120°-130° | 913.1 | 8.4 |
| 130°-140° | 977.1 | 9.0 |
| 140°-150° | 912.4 | 8.4 |
| 150°-160° | 750.8 | 6.9 |
| 160°-170° | 503.5 | 4.6 |
| 170°-180° | 178.8 | 1.6 |
| 0°-30° | 1538.5 | 14.2 |
| 0°-40° | 2492.2 | 23.0 |
| 0°-60° | 4307.6 | 39.7 |
| 0°-90° | 5291.2 | 48.8 |
| 90°-120° | 1311.8 | 12.1 |
| 90°-150° | 4114.3 | 38.0 |
| 90°-180° | 5547.0 | 51.2 |
| 0°-180° | 10838.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2127 | 2127 | 2127 | 2127 | 2127 | |
| 5° | 2094 | 2193 | 2094 | 1748 | 2094 | 199 |
| 15° | 1987 | 2169 | 1987 | 1699 | 1987 | 558 |
| 25° | 1723 | 2004 | 1723 | 1682 | 1723 | 787 |
| 35° | 1270 | 1732 | 1270 | 1509 | 1270 | 791 |
| 45° | 932 | 1402 | 932 | 1319 | 932 | 712 |
| 55° | 717 | 998 | 717 | 1064 | 717 | 621 |
| 65° | 404 | 577 | 404 | 759 | 404 | 403 |
| 75° | 173 | 247 | 173 | 396 | 173 | 187 |
| 85° | 33 | 33 | 33 | 66 | 33 | 41 |
| 90° | 6 | 42 | 6 | 82 | 6 | 6 |
| 95° | 60 | 44 | 60 | 259 | 60 | 72 |
| 105° | 280 | 449 | 280 | 618 | 280 | 298 |
| 115° | 537 | 745 | 537 | 917 | 537 | 530 |
| 125° | 794 | 1180 | 794 | 1125 | 794 | 711 |
| 135° | 1080 | 1545 | 1080 | 1246 | 1080 | 835 |
| 145° | 1380 | 1781 | 1380 | 1272 | 1380 | 863 |
| 155° | 1639 | 1934 | 1639 | 1320 | 1639 | 753 |
| 165° | 1812 | 2017 | 1812 | 1520 | 1812 | 510 |
| 175° | 1894 | 1975 | 1894 | 1783 | 1894 | 180 |
| 180° | 1900 | 1900 | 1900 | 1900 | 1900 | |



TEST NUMBER: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 |
| 2.5° | 2114.2 | 2128.9 | 2143.5 | 2147.2 | 2147.2 | 2147.2 | 2147.2 | 2147.2 | 2147.2 | 2147.2 | 2147.2 |
| 5° | 2094.4 | 2120.1 | 2145.7 | 2157.7 | 2165.0 | 2170.5 | 2174.1 | 2178.7 | 2186.1 | 2193.4 | 2186.1 |
| 7.5° | 2074.6 | 2109.1 | 2143.5 | 2160.4 | 2171.4 | 2180.2 | 2186.8 | 2192.7 | 2196.3 | 2200.0 | 2196.3 |
| 10° | 2061.5 | 2101.8 | 2142.1 | 2160.4 | 2171.4 | 2178.7 | 2182.4 | 2186.1 | 2189.7 | 2193.4 | 2189.7 |
| 12.5° | 2041.7 | 2084.9 | 2128.2 | 2149.4 | 2163.3 | 2172.1 | 2175.8 | 2179.5 | 2183.1 | 2186.8 | 2183.1 |
| 15° | 1987.2 | 2045.9 | 2104.5 | 2127.4 | 2138.4 | 2147.6 | 2154.9 | 2161.3 | 2165.0 | 2168.7 | 2165.0 |
| 17.5° | 1919.6 | 1990.7 | 2061.8 | 2090.6 | 2105.3 | 2115.9 | 2122.5 | 2128.2 | 2131.1 | 2134.0 | 2131.1 |
| 20° | 1880.0 | 1957.0 | 2034.0 | 2064.2 | 2078.9 | 2088.0 | 2091.7 | 2094.4 | 2094.4 | 2094.4 | 2094.4 |
| 22.5° | 1827.3 | 1913.0 | 1998.8 | 2031.2 | 2045.9 | 2053.6 | 2054.3 | 2055.6 | 2058.5 | 2061.5 | 2058.5 |
| 25° | 1723.4 | 1822.3 | 1921.3 | 1962.5 | 1984.5 | 1993.7 | 1990.0 | 1989.1 | 1996.4 | 2003.7 | 1996.4 |
| 27.5° | 1596.4 | 1721.0 | 1845.6 | 1887.7 | 1902.4 | 1911.6 | 1915.2 | 1918.0 | 1918.0 | 1918.0 | 1918.0 |
| 30° | 1517.2 | 1656.5 | 1795.8 | 1841.6 | 1856.2 | 1865.4 | 1869.1 | 1871.8 | 1871.8 | 1871.8 | 1871.8 |
| 32.5° | 1418.3 | 1583.9 | 1749.6 | 1799.8 | 1811.5 | 1817.7 | 1818.5 | 1819.0 | 1819.0 | 1819.0 | 1819.0 |
| 35° | 1269.9 | 1471.4 | 1673.0 | 1728.9 | 1736.2 | 1739.9 | 1739.9 | 1739.0 | 1735.3 | 1731.6 | 1735.3 |
| 37.5° | 1121.4 | 1350.1 | 1578.8 | 1644.2 | 1655.2 | 1658.1 | 1653.0 | 1648.2 | 1644.6 | 1640.9 | 1644.6 |
| 40° | 1022.5 | 1271.7 | 1520.9 | 1591.4 | 1602.4 | 1602.4 | 1591.4 | 1582.3 | 1578.6 | 1575.0 | 1578.6 |
| 42.5° | 969.7 | 1216.0 | 1462.3 | 1532.1 | 1543.1 | 1541.6 | 1527.7 | 1516.3 | 1512.7 | 1509.0 | 1512.7 |
| 45° | 931.8 | 1151.7 | 1371.6 | 1434.8 | 1445.8 | 1443.9 | 1429.3 | 1416.4 | 1409.1 | 1401.8 | 1409.1 |
| 47.5° | 874.1 | 1067.6 | 1261.1 | 1323.2 | 1341.5 | 1339.7 | 1317.7 | 1299.4 | 1292.0 | 1284.7 | 1292.0 |
| 50° | 808.1 | 998.7 | 1189.2 | 1250.6 | 1268.9 | 1267.1 | 1245.1 | 1226.8 | 1219.5 | 1212.1 | 1219.5 |
| 52.5° | 761.9 | 940.8 | 1119.6 | 1175.9 | 1191.2 | 1186.5 | 1161.6 | 1141.0 | 1133.7 | 1126.4 | 1133.7 |
| 55° | 717.4 | 867.6 | 1017.9 | 1063.7 | 1074.7 | 1067.4 | 1041.7 | 1019.7 | 1008.7 | 997.7 | 1008.7 |
| 57.5° | 613.5 | 756.4 | 899.3 | 943.9 | 955.6 | 946.8 | 917.5 | 892.4 | 879.9 | 867.5 | 879.9 |
| 60° | 560.7 | 689.0 | 817.3 | 860.3 | 875.0 | 867.6 | 838.3 | 811.8 | 793.4 | 775.1 | 793.4 |
| 62.5° | 501.3 | 615.0 | 728.6 | 772.4 | 792.9 | 788.5 | 759.2 | 732.6 | 714.3 | 695.9 | 714.3 |
| 65° | 404.0 | 503.0 | 601.9 | 645.9 | 671.6 | 669.7 | 640.4 | 613.9 | 595.5 | 577.2 | 595.5 |
| 67.5° | 316.6 | 401.7 | 486.7 | 529.9 | 559.2 | 557.8 | 525.5 | 497.7 | 483.0 | 468.4 | 483.0 |
| 70° | 263.9 | 337.2 | 410.5 | 450.8 | 480.1 | 480.1 | 450.8 | 425.1 | 410.5 | 395.8 | 410.5 |
| 72.5° | 230.9 | 286.6 | 342.3 | 380.4 | 412.7 | 412.7 | 380.4 | 353.3 | 341.6 | 329.8 | 341.6 |
| 75° | 173.2 | 206.1 | 239.1 | 274.9 | 311.5 | 315.2 | 285.9 | 262.0 | 254.7 | 247.4 | 254.7 |
| 77.5° | 125.3 | 140.7 | 156.1 | 184.2 | 216.4 | 220.1 | 195.2 | 175.7 | 172.8 | 169.9 | 172.8 |
| 80° | 98.9 | 102.6 | 106.3 | 129.2 | 158.5 | 162.2 | 140.2 | 123.7 | 123.7 | 123.7 | 123.7 |
| 82.5° | 66.0 | 69.6 | 73.3 | 89.6 | 110.1 | 112.3 | 96.2 | 83.4 | 80.4 | 77.5 | 80.4 |
| 85° | 33.0 | 33.0 | 33.0 | 38.5 | 45.8 | 45.8 | 38.5 | 33.0 | 33.0 | 33.0 | 33.0 |
| 87.5° | 7.7 | 9.3 | 11.2 | 14.9 | 19.0 | 19.4 | 16.5 | 14.7 | 15.0 | 15.0 | 15.0 |
| 90° | 5.8 | 13.4 | 23.0 | 30.7 | 36.5 | 38.4 | 38.4 | 40.3 | 42.2 | 42.2 | 42.2 |
| 92.5° | 21.1 | 33.4 | 33.8 | 33.8 | 41.1 | 44.5 | 47.6 | 48.0 | 49.9 | 49.9 | 49.9 |
| 95° | 59.5 | 65.2 | 97.9 | 96.0 | 65.2 | 51.8 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| 97.5° | 113.6 | 122.1 | 127.4 | 170.8 | 180.4 | 174.3 | 142.0 | 119.4 | 106.7 | 100.9 | 106.7 |
| 100° | 161.2 | 165.0 | 176.6 | 178.5 | 226.5 | 272.5 | 249.5 | 220.7 | 211.1 | 205.3 | 211.1 |
| 102.5° | 208.8 | 211.1 | 228.8 | 236.8 | 247.9 | 274.0 | 353.9 | 345.1 | 338.5 | 337.4 | 338.5 |
| 105° | 280.2 | 282.1 | 314.7 | 330.1 | 337.8 | 337.8 | 335.8 | 374.2 | 435.6 | 449.1 | 435.6 |
| 107.5° | 356.6 | 365.4 | 403.8 | 444.8 | 453.7 | 456.0 | 446.0 | 440.2 | 437.9 | 439.5 | 437.9 |
| 110° | 408.8 | 422.2 | 468.3 | 520.1 | 533.5 | 537.3 | 533.5 | 527.8 | 523.9 | 523.9 | 523.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 459.4 | 479.0 | 531.2 | 590.7 | 613.3 | 624.9 | 616.4 | 612.2 | 608.4 | 611.4 | 608.4 |
| 115° | 537.3 | 566.1 | 635.2 | 696.6 | 742.7 | 748.4 | 746.5 | 746.5 | 744.6 | 744.6 | 744.6 |
| 117.5° | 609.5 | 655.6 | 733.1 | 804.5 | 857.8 | 873.2 | 880.9 | 878.6 | 876.3 | 880.1 | 876.3 |
| 120° | 660.2 | 713.9 | 802.2 | 882.8 | 934.6 | 957.6 | 965.3 | 961.5 | 965.3 | 961.5 | 965.3 |
| 122.5° | 713.9 | 779.9 | 866.7 | 950.3 | 1011.4 | 1037.5 | 1046.7 | 1047.4 | 1048.2 | 1045.9 | 1048.2 |
| 125° | 794.5 | 875.1 | 976.8 | 1063.2 | 1126.5 | 1157.2 | 1164.9 | 1166.8 | 1170.6 | 1180.2 | 1170.6 |
| 127.5° | 875.9 | 967.2 | 1078.9 | 1162.2 | 1227.1 | 1264.3 | 1276.2 | 1280.4 | 1288.5 | 1292.7 | 1288.5 |
| 130° | 932.7 | 1036.3 | 1149.5 | 1228.2 | 1291.6 | 1331.9 | 1353.0 | 1358.7 | 1368.3 | 1366.4 | 1368.3 |
| 132.5° | 992.6 | 1100.8 | 1215.6 | 1297.3 | 1356.0 | 1399.4 | 1417.4 | 1433.9 | 1437.4 | 1440.1 | 1437.4 |
| 135° | 1080.5 | 1197.5 | 1312.7 | 1393.3 | 1448.9 | 1491.1 | 1514.2 | 1529.5 | 1539.1 | 1544.9 | 1539.1 |
| 137.5° | 1173.0 | 1296.5 | 1407.1 | 1478.9 | 1534.9 | 1571.4 | 1597.5 | 1613.6 | 1623.6 | 1628.2 | 1623.6 |
| 140° | 1235.9 | 1354.9 | 1462.4 | 1537.2 | 1587.1 | 1623.6 | 1646.6 | 1665.8 | 1677.3 | 1677.3 | 1677.3 |
| 142.5° | 1295.8 | 1413.2 | 1517.6 | 1592.5 | 1636.2 | 1669.6 | 1694.2 | 1708.8 | 1721.8 | 1721.8 | 1721.8 |
| 145° | 1379.8 | 1496.9 | 1592.8 | 1667.7 | 1704.2 | 1734.9 | 1761.7 | 1773.2 | 1780.9 | 1780.9 | 1780.9 |
| 147.5° | 1467.7 | 1571.4 | 1658.9 | 1730.6 | 1761.3 | 1797.4 | 1818.5 | 1827.7 | 1837.3 | 1833.1 | 1837.3 |
| 150° | 1519.9 | 1615.9 | 1700.3 | 1767.5 | 1798.2 | 1832.7 | 1853.8 | 1861.5 | 1871.1 | 1865.4 | 1871.1 |
| 152.5° | 1570.6 | 1661.9 | 1738.7 | 1801.3 | 1827.4 | 1861.9 | 1886.1 | 1893.8 | 1900.3 | 1896.1 | 1900.3 |
| 155° | 1638.9 | 1719.5 | 1790.5 | 1848.1 | 1871.1 | 1903.7 | 1926.8 | 1936.4 | 1944.0 | 1934.4 | 1944.0 |
| 157.5° | 1699.9 | 1769.4 | 1831.2 | 1884.2 | 1908.7 | 1936.8 | 1958.2 | 1970.1 | 1977.8 | 1973.6 | 1977.8 |
| 160° | 1736.8 | 1800.1 | 1855.8 | 1905.7 | 1928.7 | 1953.6 | 1976.7 | 1990.1 | 1997.8 | 1992.0 | 1997.8 |
| 162.5° | 1767.5 | 1824.7 | 1877.3 | 1922.5 | 1942.5 | 1964.4 | 1992.0 | 2003.9 | 2011.6 | 2004.3 | 2011.6 |
| 165° | 1811.6 | 1857.7 | 1903.7 | 1942.1 | 1959.4 | 1976.7 | 2005.5 | 2018.9 | 2024.6 | 2017.0 | 2024.6 |
| 167.5° | 1845.0 | 1880.3 | 1917.6 | 1950.6 | 1963.2 | 1980.1 | 2008.9 | 2020.0 | 2027.3 | 2017.7 | 2027.3 |
| 170° | 1863.4 | 1894.1 | 1926.8 | 1953.6 | 1963.2 | 1978.6 | 2007.4 | 2017.0 | 2022.7 | 2013.1 | 2022.7 |
| 172.5° | 1878.8 | 1901.8 | 1928.3 | 1952.1 | 1957.1 | 1969.4 | 1996.6 | 2006.2 | 2010.4 | 2002.4 | 2010.4 |
| 175° | 1894.1 | 1907.6 | 1926.8 | 1942.1 | 1940.2 | 1947.9 | 1970.9 | 1978.6 | 1986.3 | 1974.7 | 1986.3 |
| 177.5° | 1901.4 | 1907.6 | 1913.7 | 1922.9 | 1916.8 | 1916.8 | 1933.7 | 1938.3 | 1939.8 | 1933.7 | 1939.8 |
| 180° | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 |



TEST NUMBER: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 |
| 2.5° | 2147.2 | 2147.2 | 2147.2 | 2147.2 | 2147.2 | 2143.5 | 2128.9 | 2114.2 | 2114.2 | 2114.2 | 2103.2 |
| 5° | 2178.7 | 2174.1 | 2170.5 | 2165.0 | 2157.7 | 2145.7 | 2120.1 | 2094.4 | 2083.4 | 2072.4 | 2025.7 |
| 7.5° | 2192.7 | 2186.8 | 2180.2 | 2171.4 | 2160.4 | 2143.5 | 2109.1 | 2074.6 | 2025.5 | 1976.4 | 1872.4 |
| 10° | 2186.1 | 2182.4 | 2178.7 | 2171.4 | 2160.4 | 2142.1 | 2101.8 | 2061.5 | 1962.5 | 1863.6 | 1764.6 |
| 12.5° | 2179.5 | 2175.8 | 2172.1 | 2163.3 | 2149.4 | 2128.2 | 2084.9 | 2041.7 | 1901.7 | 1761.7 | 1672.3 |
| 15° | 2161.3 | 2154.9 | 2147.6 | 2138.4 | 2127.4 | 2104.5 | 2045.9 | 1987.2 | 1829.7 | 1672.1 | 1596.9 |
| 17.5° | 2128.2 | 2122.5 | 2115.9 | 2105.3 | 2090.6 | 2061.8 | 1990.7 | 1919.6 | 1754.7 | 1589.8 | 1541.4 |
| 20° | 2094.4 | 2091.7 | 2088.0 | 2078.9 | 2064.2 | 2034.0 | 1957.0 | 1880.0 | 1715.1 | 1550.2 | 1528.2 |
| 22.5° | 2055.6 | 2054.3 | 2053.6 | 2045.9 | 2031.2 | 1998.8 | 1913.0 | 1827.3 | 1665.3 | 1503.3 | 1504.0 |
| 25° | 1989.1 | 1990.0 | 1993.7 | 1984.5 | 1962.5 | 1921.3 | 1822.3 | 1723.4 | 1580.4 | 1437.5 | 1462.3 |
| 27.5° | 1918.0 | 1915.2 | 1911.6 | 1902.4 | 1887.7 | 1845.6 | 1721.0 | 1596.4 | 1483.5 | 1370.6 | 1411.7 |
| 30° | 1871.8 | 1869.1 | 1865.4 | 1856.2 | 1841.6 | 1795.8 | 1656.5 | 1517.2 | 1421.9 | 1326.7 | 1374.3 |
| 32.5° | 1819.0 | 1818.5 | 1817.7 | 1811.5 | 1799.8 | 1749.6 | 1583.9 | 1418.3 | 1349.4 | 1280.5 | 1330.3 |
| 35° | 1739.0 | 1739.9 | 1739.9 | 1736.2 | 1728.9 | 1673.0 | 1471.4 | 1269.9 | 1240.5 | 1211.2 | 1269.9 |
| 37.5° | 1648.2 | 1653.0 | 1658.1 | 1655.2 | 1644.2 | 1578.8 | 1350.1 | 1121.4 | 1131.0 | 1140.5 | 1211.6 |
| 40° | 1582.3 | 1591.4 | 1602.4 | 1602.4 | 1591.4 | 1520.9 | 1271.7 | 1022.5 | 1055.5 | 1088.4 | 1165.4 |
| 42.5° | 1516.3 | 1527.7 | 1541.6 | 1543.1 | 1532.1 | 1462.3 | 1216.0 | 969.7 | 1005.6 | 1041.5 | 1121.4 |
| 45° | 1416.4 | 1429.3 | 1443.9 | 1445.8 | 1434.8 | 1371.6 | 1151.7 | 931.8 | 953.8 | 975.8 | 1052.7 |
| 47.5° | 1299.4 | 1317.7 | 1339.7 | 1341.5 | 1323.2 | 1261.1 | 1067.6 | 874.1 | 890.2 | 906.3 | 985.1 |
| 50° | 1226.8 | 1245.1 | 1267.1 | 1268.9 | 1250.6 | 1189.2 | 998.7 | 808.1 | 830.1 | 852.1 | 934.5 |
| 52.5° | 1141.0 | 1161.6 | 1186.5 | 1191.2 | 1175.9 | 1119.6 | 940.8 | 761.9 | 775.1 | 788.3 | 877.4 |
| 55° | 1019.7 | 1041.7 | 1067.4 | 1074.7 | 1063.7 | 1017.9 | 867.6 | 717.4 | 706.4 | 695.4 | 786.1 |
| 57.5° | 892.4 | 917.5 | 946.8 | 955.6 | 943.9 | 899.3 | 756.4 | 613.5 | 604.0 | 594.4 | 692.6 |
| 60° | 811.8 | 838.3 | 867.6 | 875.0 | 860.3 | 817.3 | 689.0 | 560.7 | 542.4 | 524.1 | 626.7 |
| 62.5° | 732.6 | 759.2 | 788.5 | 792.9 | 772.4 | 728.6 | 615.0 | 501.3 | 488.9 | 476.4 | 576.1 |
| 65° | 613.9 | 640.4 | 669.7 | 671.6 | 645.9 | 601.9 | 503.0 | 404.0 | 411.4 | 418.7 | 508.5 |
| 67.5° | 497.7 | 525.5 | 557.8 | 559.2 | 529.9 | 486.7 | 401.7 | 316.6 | 340.8 | 365.0 | 445.8 |
| 70° | 425.1 | 450.8 | 480.1 | 480.1 | 450.8 | 410.5 | 337.2 | 263.9 | 296.8 | 329.8 | 404.0 |
| 72.5° | 353.3 | 380.4 | 412.7 | 412.7 | 380.4 | 342.3 | 286.6 | 230.9 | 263.9 | 296.8 | 357.9 |
| 75° | 262.0 | 285.9 | 315.2 | 311.5 | 274.9 | 239.1 | 206.1 | 173.2 | 206.1 | 239.1 | 285.9 |
| 77.5° | 175.7 | 195.2 | 220.1 | 216.4 | 184.2 | 156.1 | 140.7 | 125.3 | 152.5 | 179.6 | 212.2 |
| 80° | 123.7 | 140.2 | 162.2 | 158.5 | 129.2 | 106.3 | 102.6 | 98.9 | 117.3 | 135.6 | 159.4 |
| 82.5° | 83.4 | 96.2 | 112.3 | 110.1 | 89.6 | 73.3 | 69.6 | 66.0 | 81.4 | 96.8 | 113.2 |
| 85° | 33.0 | 38.5 | 45.8 | 45.8 | 38.5 | 33.0 | 33.0 | 33.0 | 40.3 | 47.6 | 55.0 |
| 87.5° | 14.7 | 16.5 | 19.4 | 19.0 | 14.9 | 11.2 | 9.3 | 7.7 | 12.2 | 16.7 | 20.1 |
| 90° | 40.3 | 38.4 | 38.4 | 36.5 | 30.7 | 23.0 | 13.4 | 5.8 | 13.4 | 21.1 | 34.5 |
| 92.5° | 48.0 | 47.6 | 44.5 | 41.1 | 33.8 | 33.8 | 33.4 | 21.1 | 36.5 | 51.8 | 74.5 |
| 95° | 44.1 | 44.1 | 51.8 | 65.2 | 96.0 | 97.9 | 65.2 | 59.5 | 84.4 | 119.0 | 149.7 |
| 97.5° | 119.4 | 142.0 | 174.3 | 180.4 | 170.8 | 127.4 | 122.1 | 113.6 | 154.7 | 188.8 | 238.4 |
| 100° | 220.7 | 249.5 | 272.5 | 226.5 | 178.5 | 176.6 | 165.0 | 161.2 | 205.3 | 238.0 | 285.9 |
| 102.5° | 345.1 | 353.9 | 274.0 | 247.9 | 236.8 | 228.8 | 211.1 | 208.8 | 252.9 | 297.8 | 338.1 |
| 105° | 374.2 | 335.8 | 337.8 | 337.8 | 330.1 | 314.7 | 282.1 | 280.2 | 330.1 | 381.9 | 431.8 |
| 107.5° | 440.2 | 446.0 | 456.0 | 453.7 | 444.8 | 403.8 | 365.4 | 356.6 | 401.5 | 463.7 | 518.5 |
| 110° | 527.8 | 533.5 | 537.3 | 533.5 | 520.1 | 468.3 | 422.2 | 408.8 | 449.1 | 514.3 | 573.8 |



TEST NUMBER: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 612.2 | 616.4 | 624.9 | 613.3 | 590.7 | 531.2 | 479.0 | 459.4 | 499.7 | 566.5 | 627.5 |
| 115° | 746.5 | 746.5 | 748.4 | 742.7 | 696.6 | 635.2 | 566.1 | 537.3 | 571.9 | 633.3 | 700.5 |
| 117.5° | 878.6 | 880.9 | 873.2 | 857.8 | 804.5 | 733.1 | 655.6 | 609.5 | 636.8 | 701.6 | 770.7 |
| 120° | 961.5 | 965.3 | 957.6 | 934.6 | 882.8 | 802.2 | 713.9 | 660.2 | 681.3 | 744.6 | 813.7 |
| 122.5° | 1047.4 | 1046.7 | 1037.5 | 1011.4 | 950.3 | 866.7 | 779.9 | 713.9 | 722.7 | 781.5 | 849.0 |
| 125° | 1166.8 | 1164.9 | 1157.2 | 1126.5 | 1063.2 | 976.8 | 875.1 | 794.5 | 783.0 | 832.9 | 902.0 |
| 127.5° | 1280.4 | 1276.2 | 1264.3 | 1227.1 | 1162.2 | 1078.9 | 967.2 | 875.9 | 850.2 | 881.6 | 945.0 |
| 130° | 1358.7 | 1353.0 | 1331.9 | 1291.6 | 1228.2 | 1149.5 | 1036.3 | 932.7 | 896.2 | 915.4 | 971.1 |
| 132.5° | 1433.9 | 1417.4 | 1399.4 | 1356.0 | 1297.3 | 1215.6 | 1100.8 | 992.6 | 942.3 | 950.7 | 994.1 |
| 135° | 1529.5 | 1514.2 | 1491.1 | 1448.9 | 1393.3 | 1312.7 | 1197.5 | 1080.5 | 1011.4 | 1003.7 | 1028.6 |
| 137.5° | 1613.6 | 1597.5 | 1571.4 | 1534.9 | 1478.9 | 1407.1 | 1296.5 | 1173.0 | 1085.8 | 1060.1 | 1069.7 |
| 140° | 1665.8 | 1646.6 | 1623.6 | 1587.1 | 1537.2 | 1462.4 | 1354.9 | 1235.9 | 1138.0 | 1101.6 | 1095.8 |
| 142.5° | 1708.8 | 1694.2 | 1669.6 | 1636.2 | 1592.5 | 1517.6 | 1413.2 | 1295.8 | 1191.8 | 1144.5 | 1131.1 |
| 145° | 1773.2 | 1761.7 | 1734.9 | 1704.2 | 1667.7 | 1592.8 | 1496.9 | 1379.8 | 1276.2 | 1214.8 | 1186.0 |
| 147.5° | 1827.7 | 1818.5 | 1797.4 | 1761.3 | 1730.6 | 1658.9 | 1571.4 | 1467.7 | 1361.4 | 1285.4 | 1248.2 |
| 150° | 1861.5 | 1853.8 | 1832.7 | 1798.2 | 1767.5 | 1700.3 | 1615.9 | 1519.9 | 1418.2 | 1337.6 | 1289.6 |
| 152.5° | 1893.8 | 1886.1 | 1861.9 | 1827.4 | 1801.3 | 1738.7 | 1661.9 | 1570.6 | 1467.3 | 1386.7 | 1337.2 |
| 155° | 1936.4 | 1926.8 | 1903.7 | 1871.1 | 1848.1 | 1790.5 | 1719.5 | 1638.9 | 1550.6 | 1466.2 | 1410.5 |
| 157.5° | 1970.1 | 1958.2 | 1936.8 | 1908.7 | 1884.2 | 1831.2 | 1769.4 | 1699.9 | 1622.8 | 1542.2 | 1485.4 |
| 160° | 1990.1 | 1976.7 | 1953.6 | 1928.7 | 1905.7 | 1855.8 | 1800.1 | 1736.8 | 1665.8 | 1592.8 | 1531.4 |
| 162.5° | 2003.9 | 1992.0 | 1964.4 | 1942.5 | 1922.5 | 1877.3 | 1824.7 | 1767.5 | 1704.2 | 1640.4 | 1583.6 |
| 165° | 2018.9 | 2005.5 | 1976.7 | 1959.4 | 1942.1 | 1903.7 | 1857.7 | 1811.6 | 1757.9 | 1706.1 | 1660.0 |
| 167.5° | 2020.0 | 2008.9 | 1980.1 | 1963.2 | 1950.6 | 1917.6 | 1880.3 | 1845.0 | 1803.2 | 1762.5 | 1724.1 |
| 170° | 2017.0 | 2007.4 | 1978.6 | 1963.2 | 1953.6 | 1926.8 | 1894.1 | 1863.4 | 1830.8 | 1796.3 | 1765.6 |
| 172.5° | 2006.2 | 1996.6 | 1969.4 | 1957.1 | 1952.1 | 1928.3 | 1901.8 | 1878.8 | 1850.8 | 1825.4 | 1800.9 |
| 175° | 1978.6 | 1970.9 | 1947.9 | 1940.2 | 1942.1 | 1926.8 | 1907.6 | 1894.1 | 1876.9 | 1861.5 | 1848.1 |
| 177.5° | 1938.3 | 1933.7 | 1916.8 | 1916.8 | 1922.9 | 1913.7 | 1907.6 | 1901.4 | 1893.8 | 1889.2 | 1884.6 |
| 180° | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 |



TEST NUMBER: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 | 2127.4 |
| 2.5° | 2088.6 | 2076.8 | 2068.1 | 2060.7 | 2057.8 | 2054.9 | 2057.8 | 2060.7 | 2068.1 | 2076.8 | 2088.6 |
| 5° | 1967.1 | 1904.8 | 1838.8 | 1784.8 | 1766.4 | 1748.1 | 1766.4 | 1784.8 | 1838.8 | 1904.8 | 1967.1 |
| 7.5° | 1749.9 | 1674.8 | 1647.0 | 1624.6 | 1618.7 | 1612.9 | 1618.7 | 1624.6 | 1647.0 | 1674.8 | 1749.9 |
| 10° | 1665.7 | 1605.2 | 1583.2 | 1566.7 | 1566.7 | 1566.7 | 1566.7 | 1566.7 | 1583.2 | 1605.2 | 1665.7 |
| 12.5° | 1599.7 | 1562.7 | 1561.2 | 1563.8 | 1578.4 | 1593.1 | 1578.4 | 1563.8 | 1561.2 | 1562.7 | 1599.7 |
| 15° | 1549.3 | 1554.8 | 1613.4 | 1662.0 | 1680.3 | 1698.6 | 1680.3 | 1662.0 | 1613.4 | 1554.8 | 1549.3 |
| 17.5° | 1531.9 | 1563.4 | 1636.0 | 1694.1 | 1708.7 | 1723.4 | 1708.7 | 1694.1 | 1636.0 | 1563.4 | 1531.9 |
| 20° | 1553.9 | 1594.2 | 1649.2 | 1694.1 | 1708.7 | 1723.4 | 1708.7 | 1694.1 | 1649.2 | 1594.2 | 1553.9 |
| 22.5° | 1559.0 | 1608.1 | 1651.4 | 1687.5 | 1702.1 | 1716.8 | 1702.1 | 1687.5 | 1651.4 | 1608.1 | 1559.0 |
| 25° | 1542.9 | 1601.5 | 1638.2 | 1667.5 | 1674.8 | 1682.1 | 1674.8 | 1667.5 | 1638.2 | 1601.5 | 1542.9 |
| 27.5° | 1504.0 | 1568.5 | 1605.2 | 1634.0 | 1639.1 | 1644.2 | 1639.1 | 1634.0 | 1605.2 | 1568.5 | 1504.0 |
| 30° | 1469.6 | 1535.6 | 1572.2 | 1602.4 | 1613.4 | 1624.4 | 1613.4 | 1602.4 | 1572.2 | 1535.6 | 1469.6 |
| 32.5° | 1419.7 | 1487.2 | 1532.6 | 1567.3 | 1569.5 | 1571.7 | 1569.5 | 1567.3 | 1532.6 | 1487.2 | 1419.7 |
| 35° | 1357.8 | 1427.4 | 1478.8 | 1516.3 | 1512.7 | 1509.0 | 1512.7 | 1516.3 | 1478.8 | 1427.4 | 1357.8 |
| 37.5° | 1303.2 | 1371.4 | 1416.1 | 1450.7 | 1455.1 | 1459.5 | 1455.1 | 1450.7 | 1416.1 | 1371.4 | 1303.2 |
| 40° | 1257.0 | 1326.7 | 1374.3 | 1411.9 | 1419.2 | 1426.5 | 1419.2 | 1411.9 | 1374.3 | 1326.7 | 1257.0 |
| 42.5° | 1216.0 | 1287.1 | 1334.7 | 1372.3 | 1379.6 | 1386.9 | 1379.6 | 1372.3 | 1334.7 | 1287.1 | 1216.0 |
| 45° | 1148.0 | 1221.3 | 1272.6 | 1312.0 | 1315.7 | 1319.3 | 1315.7 | 1312.0 | 1272.6 | 1221.3 | 1148.0 |
| 47.5° | 1084.8 | 1158.4 | 1206.1 | 1242.7 | 1246.4 | 1250.1 | 1246.4 | 1242.7 | 1206.1 | 1158.4 | 1084.8 |
| 50° | 1037.1 | 1112.3 | 1159.9 | 1196.6 | 1200.2 | 1203.9 | 1200.2 | 1196.6 | 1159.9 | 1112.3 | 1037.1 |
| 52.5° | 991.7 | 1069.8 | 1111.5 | 1143.8 | 1147.5 | 1151.1 | 1147.5 | 1143.8 | 1111.5 | 1069.8 | 991.7 |
| 55° | 910.7 | 993.2 | 1033.5 | 1063.7 | 1063.7 | 1063.7 | 1063.7 | 1063.7 | 1033.5 | 993.2 | 910.7 |
| 57.5° | 826.8 | 911.4 | 946.6 | 974.1 | 978.5 | 982.9 | 978.5 | 974.1 | 946.6 | 911.4 | 826.8 |
| 60° | 769.6 | 855.7 | 885.1 | 908.9 | 916.2 | 923.5 | 916.2 | 908.9 | 885.1 | 855.7 | 769.6 |
| 62.5° | 713.2 | 796.4 | 825.7 | 848.8 | 853.2 | 857.6 | 853.2 | 848.8 | 825.7 | 796.4 | 713.2 |
| 65° | 625.8 | 699.1 | 728.4 | 751.3 | 755.0 | 758.6 | 755.0 | 751.3 | 728.4 | 699.1 | 625.8 |
| 67.5° | 545.5 | 605.6 | 626.1 | 642.3 | 645.2 | 648.1 | 645.2 | 642.3 | 626.1 | 605.6 | 545.5 |
| 70° | 492.0 | 543.3 | 558.0 | 569.0 | 569.0 | 569.0 | 569.0 | 569.0 | 558.0 | 543.3 | 492.0 |
| 72.5° | 428.2 | 470.7 | 485.4 | 497.1 | 500.1 | 503.0 | 500.1 | 497.1 | 485.4 | 470.7 | 428.2 |
| 75° | 337.2 | 368.3 | 379.3 | 388.5 | 392.1 | 395.8 | 392.1 | 388.5 | 379.3 | 368.3 | 337.2 |
| 77.5° | 246.6 | 267.2 | 273.8 | 279.6 | 283.3 | 287.0 | 283.3 | 279.6 | 273.8 | 267.2 | 246.6 |
| 80° | 185.1 | 199.7 | 203.4 | 207.1 | 210.7 | 214.4 | 210.7 | 207.1 | 203.4 | 199.7 | 185.1 |
| 82.5° | 130.1 | 140.4 | 144.0 | 147.0 | 147.7 | 148.4 | 147.7 | 147.0 | 144.0 | 140.4 | 130.1 |
| 85° | 62.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 62.3 |
| 87.5° | 22.0 | 24.7 | 27.4 | 28.9 | 30.5 | 29.7 | 30.5 | 28.9 | 27.4 | 24.7 | 22.0 |
| 90° | 44.1 | 57.6 | 71.0 | 78.7 | 86.4 | 82.5 | 86.4 | 78.7 | 71.0 | 57.6 | 44.1 |
| 92.5° | 88.7 | 111.3 | 127.8 | 141.6 | 147.8 | 147.0 | 147.8 | 141.6 | 127.8 | 111.3 | 88.7 |
| 95° | 178.5 | 205.3 | 232.2 | 251.4 | 262.9 | 259.1 | 262.9 | 251.4 | 232.2 | 205.3 | 178.5 |
| 97.5° | 275.2 | 311.3 | 341.2 | 359.3 | 370.8 | 378.4 | 370.8 | 359.3 | 341.2 | 311.3 | 275.2 |
| 100° | 339.7 | 374.2 | 408.8 | 429.9 | 449.1 | 456.7 | 449.1 | 429.9 | 408.8 | 374.2 | 339.7 |
| 102.5° | 391.9 | 437.2 | 474.8 | 497.4 | 513.5 | 521.2 | 513.5 | 497.4 | 474.8 | 437.2 | 391.9 |
| 105° | 477.9 | 525.8 | 566.1 | 594.9 | 612.2 | 617.9 | 612.2 | 594.9 | 566.1 | 525.8 | 477.9 |
| 107.5° | 563.8 | 613.3 | 650.6 | 682.4 | 703.5 | 715.8 | 703.5 | 682.4 | 650.6 | 613.3 | 563.8 |
| 110° | 631.4 | 671.7 | 712.0 | 740.8 | 761.9 | 769.6 | 761.9 | 740.8 | 712.0 | 671.7 | 631.4 |



TEST NUMBER: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 688.2 | 733.1 | 773.4 | 802.2 | 826.4 | 837.1 | 826.4 | 802.2 | 773.4 | 733.1 | 688.2 |
| 115° | 767.6 | 827.1 | 863.6 | 890.5 | 907.7 | 917.3 | 907.7 | 890.5 | 863.6 | 827.1 | 767.6 |
| 117.5° | 833.7 | 895.8 | 935.8 | 956.5 | 964.5 | 971.4 | 964.5 | 956.5 | 935.8 | 895.8 | 833.7 |
| 120° | 875.1 | 932.7 | 978.7 | 1005.6 | 1015.2 | 1019.0 | 1015.2 | 1005.6 | 978.7 | 932.7 | 875.1 |
| 122.5° | 913.5 | 968.0 | 1012.5 | 1045.5 | 1061.3 | 1065.1 | 1061.3 | 1045.5 | 1012.5 | 968.0 | 913.5 |
| 125° | 967.2 | 1019.0 | 1065.1 | 1097.7 | 1115.0 | 1124.6 | 1115.0 | 1097.7 | 1065.1 | 1019.0 | 967.2 |
| 127.5° | 1014.1 | 1070.1 | 1112.3 | 1141.9 | 1158.7 | 1166.4 | 1158.7 | 1141.9 | 1112.3 | 1070.1 | 1014.1 |
| 130° | 1040.1 | 1097.7 | 1139.9 | 1172.6 | 1187.9 | 1195.6 | 1187.9 | 1172.6 | 1139.9 | 1097.7 | 1040.1 |
| 132.5° | 1060.1 | 1120.8 | 1164.5 | 1194.1 | 1210.9 | 1218.6 | 1210.9 | 1194.1 | 1164.5 | 1120.8 | 1060.1 |
| 135° | 1084.3 | 1147.6 | 1193.7 | 1222.5 | 1237.8 | 1245.5 | 1237.8 | 1222.5 | 1193.7 | 1147.6 | 1084.3 |
| 137.5° | 1105.4 | 1163.0 | 1210.9 | 1241.3 | 1255.1 | 1260.1 | 1255.1 | 1241.3 | 1210.9 | 1163.0 | 1105.4 |
| 140° | 1120.8 | 1170.6 | 1218.6 | 1247.4 | 1262.8 | 1264.7 | 1262.8 | 1247.4 | 1218.6 | 1170.6 | 1120.8 |
| 142.5° | 1140.7 | 1179.9 | 1221.7 | 1250.5 | 1265.8 | 1269.3 | 1265.8 | 1250.5 | 1221.7 | 1179.9 | 1140.7 |
| 145° | 1176.4 | 1199.4 | 1228.2 | 1255.1 | 1268.5 | 1272.4 | 1268.5 | 1255.1 | 1228.2 | 1199.4 | 1176.4 |
| 147.5° | 1221.3 | 1228.6 | 1243.6 | 1261.2 | 1274.3 | 1277.0 | 1274.3 | 1261.2 | 1243.6 | 1228.6 | 1221.3 |
| 150° | 1255.1 | 1253.2 | 1258.9 | 1270.4 | 1282.0 | 1280.0 | 1282.0 | 1270.4 | 1258.9 | 1253.2 | 1255.1 |
| 152.5° | 1293.5 | 1282.3 | 1282.0 | 1287.3 | 1292.7 | 1292.3 | 1292.7 | 1287.3 | 1282.0 | 1282.3 | 1293.5 |
| 155° | 1358.7 | 1337.6 | 1326.1 | 1322.3 | 1322.3 | 1320.3 | 1322.3 | 1322.3 | 1326.1 | 1337.6 | 1358.7 |
| 157.5° | 1430.5 | 1400.9 | 1383.7 | 1374.5 | 1371.8 | 1367.5 | 1371.8 | 1374.5 | 1383.7 | 1400.9 | 1430.5 |
| 160° | 1479.6 | 1447.0 | 1429.7 | 1414.4 | 1408.6 | 1402.9 | 1408.6 | 1414.4 | 1429.7 | 1447.0 | 1479.6 |
| 162.5° | 1525.7 | 1494.6 | 1475.8 | 1462.0 | 1456.2 | 1447.4 | 1456.2 | 1462.0 | 1475.8 | 1494.6 | 1525.7 |
| 165° | 1600.5 | 1567.9 | 1546.8 | 1535.3 | 1527.6 | 1519.9 | 1527.6 | 1535.3 | 1546.8 | 1567.9 | 1600.5 |
| 167.5° | 1675.4 | 1639.7 | 1625.9 | 1612.8 | 1605.5 | 1591.7 | 1605.5 | 1612.8 | 1625.9 | 1639.7 | 1675.4 |
| 170° | 1721.4 | 1688.8 | 1681.1 | 1669.6 | 1656.2 | 1640.8 | 1656.2 | 1669.6 | 1681.1 | 1688.8 | 1721.4 |
| 172.5° | 1761.3 | 1739.5 | 1731.8 | 1720.3 | 1716.1 | 1703.8 | 1716.1 | 1720.3 | 1731.8 | 1739.5 | 1761.3 |
| 175° | 1819.3 | 1802.0 | 1802.0 | 1800.1 | 1794.4 | 1782.8 | 1794.4 | 1800.1 | 1802.0 | 1802.0 | 1819.3 |
| 177.5° | 1867.7 | 1858.5 | 1864.6 | 1864.6 | 1863.1 | 1852.3 | 1863.1 | 1864.6 | 1864.6 | 1858.5 | 1867.7 |
| 180° | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 | 1899.9 |



TEST NUMBER: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 2127.4 | 2127.4 | 2127.4 | 2127.4 |
| 2.5° | 2103.2 | 2114.2 | 2114.2 | 2114.2 |
| 5° | 2025.7 | 2072.4 | 2083.4 | 2094.4 |
| 7.5° | 1872.4 | 1976.4 | 2025.5 | 2074.6 |
| 10° | 1764.6 | 1863.6 | 1962.5 | 2061.5 |
| 12.5° | 1672.3 | 1761.7 | 1901.7 | 2041.7 |
| 15° | 1596.9 | 1672.1 | 1829.7 | 1987.2 |
| 17.5° | 1541.4 | 1589.8 | 1754.7 | 1919.6 |
| 20° | 1528.2 | 1550.2 | 1715.1 | 1880.0 |
| 22.5° | 1504.0 | 1503.3 | 1665.3 | 1827.3 |
| 25° | 1462.3 | 1437.5 | 1580.4 | 1723.4 |
| 27.5° | 1411.7 | 1370.6 | 1483.5 | 1596.4 |
| 30° | 1374.3 | 1326.7 | 1421.9 | 1517.2 |
| 32.5° | 1330.3 | 1280.5 | 1349.4 | 1418.3 |
| 35° | 1269.9 | 1211.2 | 1240.5 | 1269.9 |
| 37.5° | 1211.6 | 1140.5 | 1131.0 | 1121.4 |
| 40° | 1165.4 | 1088.4 | 1055.5 | 1022.5 |
| 42.5° | 1121.4 | 1041.5 | 1005.6 | 969.7 |
| 45° | 1052.7 | 975.8 | 953.8 | 931.8 |
| 47.5° | 985.1 | 906.3 | 890.2 | 874.1 |
| 50° | 934.5 | 852.1 | 830.1 | 808.1 |
| 52.5° | 877.4 | 788.3 | 775.1 | 761.9 |
| 55° | 786.1 | 695.4 | 706.4 | 717.4 |
| 57.5° | 692.6 | 594.4 | 604.0 | 613.5 |
| 60° | 626.7 | 524.1 | 542.4 | 560.7 |
| 62.5° | 576.1 | 476.4 | 488.9 | 501.3 |
| 65° | 508.5 | 418.7 | 411.4 | 404.0 |
| 67.5° | 445.8 | 365.0 | 340.8 | 316.6 |
| 70° | 404.0 | 329.8 | 296.8 | 263.9 |
| 72.5° | 357.9 | 296.8 | 263.9 | 230.9 |
| 75° | 285.9 | 239.1 | 206.1 | 173.2 |
| 77.5° | 212.2 | 179.6 | 152.5 | 125.3 |
| 80° | 159.4 | 135.6 | 117.3 | 98.9 |
| 82.5° | 113.2 | 96.8 | 81.4 | 66.0 |
| 85° | 55.0 | 47.6 | 40.3 | 33.0 |
| 87.5° | 20.1 | 16.7 | 12.2 | 7.7 |
| 90° | 34.5 | 21.1 | 13.4 | 5.8 |
| 92.5° | 74.5 | 51.8 | 36.5 | 21.1 |
| 95° | 149.7 | 119.0 | 84.4 | 59.5 |
| 97.5° | 238.4 | 188.8 | 154.7 | 113.6 |
| 100° | 285.9 | 238.0 | 205.3 | 161.2 |
| 102.5° | 338.1 | 297.8 | 252.9 | 208.8 |
| 105° | 431.8 | 381.9 | 330.1 | 280.2 |
| 107.5° | 518.5 | 463.7 | 401.5 | 356.6 |
| 110° | 573.8 | 514.3 | 449.1 | 408.8 |



TEST NUMBER: P1435854

CATALOG NUMBER: SQ2W-FA-K-125U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 112.5° | 627.5 | 566.5 | 499.7 | 459.4 |
| 115° | 700.5 | 633.3 | 571.9 | 537.3 |
| 117.5° | 770.7 | 701.6 | 636.8 | 609.5 |
| 120° | 813.7 | 744.6 | 681.3 | 660.2 |
| 122.5° | 849.0 | 781.5 | 722.7 | 713.9 |
| 125° | 902.0 | 832.9 | 783.0 | 794.5 |
| 127.5° | 945.0 | 881.6 | 850.2 | 875.9 |
| 130° | 971.1 | 915.4 | 896.2 | 932.7 |
| 132.5° | 994.1 | 950.7 | 942.3 | 992.6 |
| 135° | 1028.6 | 1003.7 | 1011.4 | 1080.5 |
| 137.5° | 1069.7 | 1060.1 | 1085.8 | 1173.0 |
| 140° | 1095.8 | 1101.6 | 1138.0 | 1235.9 |
| 142.5° | 1131.1 | 1144.5 | 1191.8 | 1295.8 |
| 145° | 1186.0 | 1214.8 | 1276.2 | 1379.8 |
| 147.5° | 1248.2 | 1285.4 | 1361.4 | 1467.7 |
| 150° | 1289.6 | 1337.6 | 1418.2 | 1519.9 |
| 152.5° | 1337.2 | 1386.7 | 1467.3 | 1570.6 |
| 155° | 1410.5 | 1466.2 | 1550.6 | 1638.9 |
| 157.5° | 1485.4 | 1542.2 | 1622.8 | 1699.9 |
| 160° | 1531.4 | 1592.8 | 1665.8 | 1736.8 |
| 162.5° | 1583.6 | 1640.4 | 1704.2 | 1767.5 |
| 165° | 1660.0 | 1706.1 | 1757.9 | 1811.6 |
| 167.5° | 1724.1 | 1762.5 | 1803.2 | 1845.0 |
| 170° | 1765.6 | 1796.3 | 1830.8 | 1863.4 |
| 172.5° | 1800.9 | 1825.4 | 1850.8 | 1878.8 |
| 175° | 1848.1 | 1861.5 | 1876.9 | 1894.1 |
| 177.5° | 1884.6 | 1889.2 | 1893.8 | 1901.4 |
| 180° | 1899.9 | 1899.9 | 1899.9 | 1899.9 |



TEST NUMBER: P1435854
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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 | 18.55 | 19.40 | 19.52 | 20.38 | 21.67 | 19.75 | 20.60 | 20.72 | 21.58 | 22.87 |
| | 3H | 19.64 | 20.40 | 20.62 | 21.39 | 22.70 | 21.00 | 21.76 | 21.97 | 22.75 | 24.06 |
| | 4H | 19.99 | 20.71 | 20.98 | 21.71 | 23.03 | 21.38 | 22.10 | 22.38 | 23.10 | 24.42 |
| | 6H | 20.15 | 20.82 | 21.16 | 21.82 | 23.15 | 21.54 | 22.21 | 22.55 | 23.21 | 24.54 |
| | 8H | 20.19 | 20.82 | 21.20 | 21.84 | 23.16 | 21.57 | 22.20 | 22.58 | 23.22 | 24.54 |
| | 12H | 20.18 | 20.78 | 21.20 | 21.79 | 23.15 | 21.55 | 22.15 | 22.57 | 23.16 | 24.52 |
| 4H | 2H | 19.42 | 20.14 | 20.42 | 21.13 | 22.45 | 20.33 | 21.05 | 21.33 | 22.05 | 23.37 |
| | 3H | 20.81 | 21.41 | 21.81 | 22.43 | 23.76 | 21.80 | 22.40 | 22.80 | 23.42 | 24.75 |
| | 4H | 21.26 | 21.81 | 22.28 | 22.83 | 24.18 | 22.27 | 22.82 | 23.29 | 23.84 | 25.19 |
| | 6H | 21.49 | 21.96 | 22.52 | 23.00 | 24.35 | 22.49 | 22.97 | 23.52 | 24.01 | 25.36 |
| | 8H | 21.55 | 21.99 | 22.58 | 23.02 | 24.39 | 22.54 | 22.98 | 23.57 | 24.01 | 25.38 |
| | 12H | 21.55 | 21.95 | 22.60 | 22.99 | 24.37 | 22.53 | 22.93 | 23.58 | 23.98 | 25.35 |
| 8H | 4H | 21.64 | 22.08 | 22.67 | 23.12 | 24.48 | 22.47 | 22.91 | 23.49 | 23.94 | 25.31 |
| | 6H | 21.99 | 22.36 | 23.05 | 23.43 | 24.80 | 22.78 | 23.14 | 23.83 | 24.22 | 25.58 |
| | 8H | 22.11 | 22.43 | 23.17 | 23.49 | 24.87 | 22.88 | 23.20 | 23.94 | 24.26 | 25.64 |
| | 12H | 22.15 | 22.43 | 23.21 | 23.48 | 24.91 | 22.89 | 23.17 | 23.95 | 24.23 | 25.65 |
| 12H | 4H | 21.65 | 22.04 | 22.69 | 23.09 | 24.46 | 22.44 | 22.83 | 23.48 | 23.88 | 25.25 |
| | 6H | 22.06 | 22.38 | 23.12 | 23.44 | 24.83 | 22.80 | 23.12 | 23.86 | 24.18 | 25.56 |
| | 8H | 22.21 | 22.49 | 23.27 | 23.55 | 24.97 | 22.91 | 23.19 | 23.98 | 24.25 | 25.67 |