

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: P934062

Luminaire Tested: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934062
REPORT IS A COMBINATION OF REPORTS P933683 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

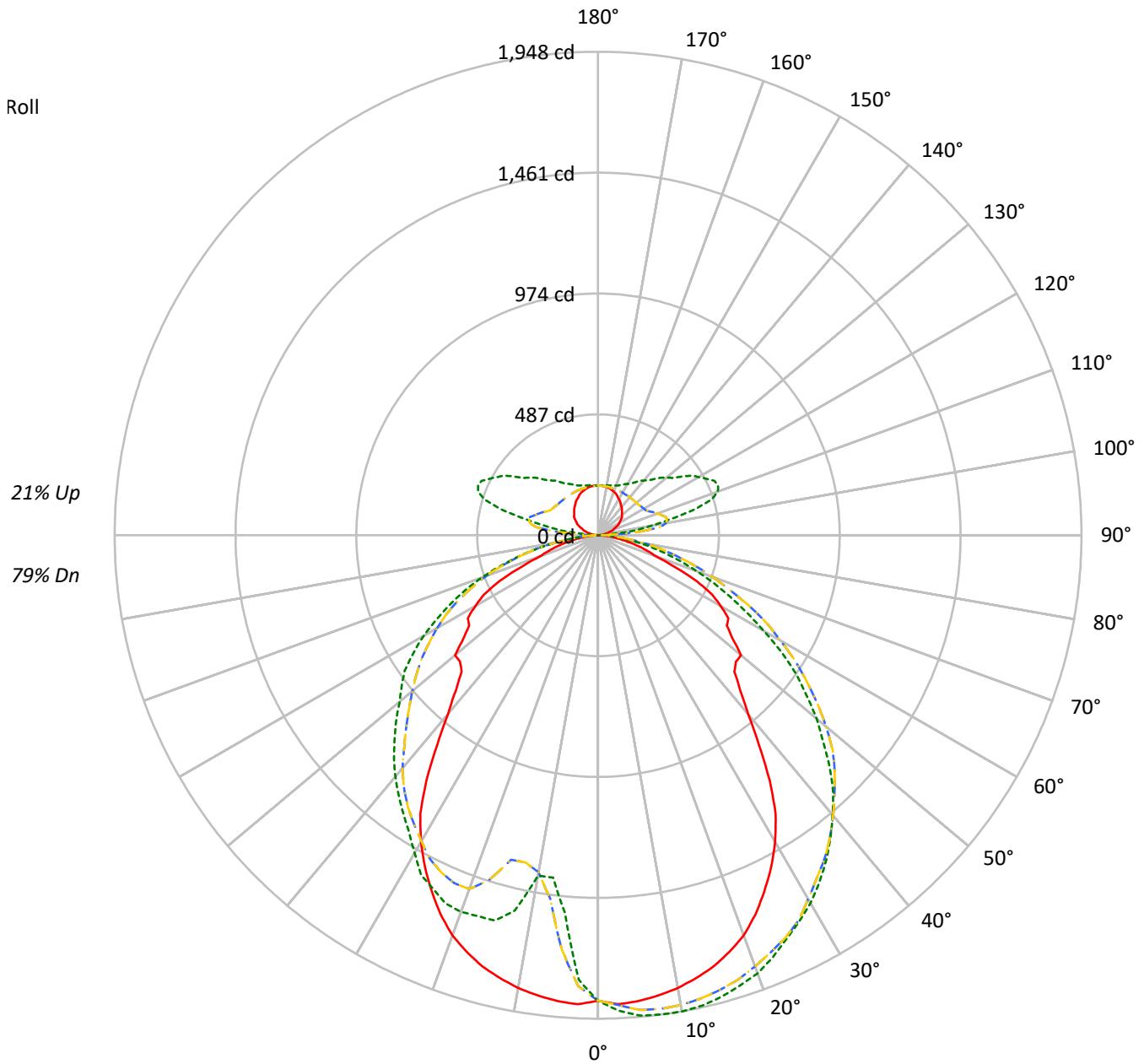
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6162.4 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 58.2
Input Voltage (V): NR
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: P934062
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - 90°-270° - · - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 114 | 114 | 114 | 114 | 109 | 109 | 109 | 109 | 99 | 99 | 99 | 91 | 91 | 91 | 83 | 83 | 83 | 83 | 83 | 83 | 79 |
| 1 | 104 | 100 | 96 | 92 | 100 | 96 | 92 | 89 | 88 | 85 | 82 | 80 | 78 | 76 | 73 | 72 | 70 | 73 | 72 | 70 | 67 |
| 2 | 95 | 87 | 81 | 76 | 91 | 84 | 78 | 73 | 77 | 72 | 68 | 70 | 67 | 64 | 65 | 62 | 59 | 65 | 62 | 59 | 56 |
| 3 | 87 | 77 | 69 | 63 | 83 | 74 | 67 | 61 | 68 | 62 | 57 | 62 | 58 | 54 | 57 | 54 | 50 | 57 | 54 | 50 | 47 |
| 4 | 79 | 68 | 60 | 53 | 76 | 65 | 58 | 52 | 60 | 54 | 49 | 56 | 50 | 46 | 51 | 47 | 43 | 51 | 47 | 43 | 41 |
| 5 | 73 | 61 | 52 | 46 | 70 | 58 | 51 | 45 | 54 | 47 | 42 | 50 | 44 | 40 | 46 | 41 | 38 | 46 | 41 | 38 | 35 |
| 6 | 67 | 55 | 46 | 40 | 64 | 53 | 45 | 39 | 49 | 42 | 37 | 45 | 39 | 35 | 42 | 37 | 33 | 42 | 37 | 33 | 31 |
| 7 | 62 | 50 | 41 | 35 | 59 | 48 | 40 | 34 | 44 | 38 | 33 | 41 | 35 | 31 | 38 | 33 | 30 | 38 | 33 | 30 | 27 |
| 8 | 58 | 45 | 37 | 31 | 55 | 44 | 36 | 31 | 40 | 34 | 29 | 38 | 32 | 28 | 35 | 30 | 26 | 35 | 30 | 26 | 24 |
| 9 | 54 | 41 | 33 | 28 | 52 | 40 | 33 | 27 | 37 | 31 | 26 | 35 | 29 | 25 | 32 | 27 | 24 | 32 | 27 | 24 | 22 |
| 10 | 51 | 38 | 30 | 25 | 48 | 37 | 30 | 25 | 34 | 28 | 24 | 32 | 27 | 23 | 30 | 25 | 22 | 30 | 25 | 22 | 20 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 11601 | 11601 | 11601 | 11601 |
| 5° | 11683 | 11710 | 11683 | 9208 |
| 10° | 11601 | 11536 | 11601 | 8247 |
| 15° | 11470 | 11286 | 11470 | 9424 |
| 20° | 11227 | 10990 | 11227 | 9443 |
| 25° | 10731 | 10558 | 10731 | 9244 |
| 30° | 10093 | 10199 | 10093 | 8804 |
| 35° | 8993 | 9746 | 8993 | 8321 |
| 40° | 7489 | 9212 | 7489 | 7957 |
| 45° | 6687 | 8587 | 6687 | 7536 |
| 50° | 7098 | 7842 | 7098 | 7116 |
| 55° | 6673 | 7039 | 6673 | 6872 |
| 60° | 6870 | 5978 | 6870 | 6294 |
| 65° | 6218 | 4941 | 6218 | 5524 |
| 70° | 4296 | 3938 | 4296 | 4630 |
| 75° | 3753 | 2911 | 3753 | 3487 |
| 80° | 3001 | 1925 | 3001 | 2096 |
| 85° | 1693 | 1020 | 1693 | 866 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10256 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 169.3 | 2.7 |
| 10°-20° | 480.6 | 7.8 |
| 20°-30° | 743.0 | 12.1 |
| 30°-40° | 887.0 | 14.4 |
| 40°-50° | 892.2 | 14.5 |
| 50°-60° | 776.3 | 12.6 |
| 60°-70° | 550.4 | 8.9 |
| 70°-80° | 291.2 | 4.7 |
| 80°-90° | 73.3 | 1.2 |
| 90°-100° | 97.7 | 1.6 |
| 100°-110° | 256.8 | 4.2 |
| 110°-120° | 266.3 | 4.3 |
| 120°-130° | 213.6 | 3.5 |
| 130°-140° | 167.6 | 2.7 |
| 140°-150° | 128.6 | 2.1 |
| 150°-160° | 92.7 | 1.5 |
| 160°-170° | 56.7 | 0.9 |
| 170°-180° | 19.2 | 0.3 |
| 0°-30° | 1392.9 | 22.6 |
| 0°-40° | 2279.9 | 37.0 |
| 0°-60° | 3948.3 | 64.1 |
| 0°-90° | 4863.2 | 78.9 |
| 90°-120° | 620.8 | 10.1 |
| 90°-150° | 1130.7 | 18.3 |
| 90°-180° | 1299.0 | 21.1 |
| 0°-180° | 6162.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1875 | 1875 | 1875 | 1875 | 1875 | |
| 5° | 1884 | 1943 | 1884 | 1528 | 1884 | 179 |
| 15° | 1799 | 1925 | 1799 | 1607 | 1799 | 506 |
| 25° | 1584 | 1796 | 1584 | 1572 | 1584 | 727 |
| 35° | 1205 | 1602 | 1205 | 1368 | 1205 | 745 |
| 45° | 777 | 1320 | 777 | 1158 | 777 | 622 |
| 55° | 633 | 974 | 633 | 951 | 633 | 582 |
| 65° | 440 | 587 | 440 | 656 | 440 | 421 |
| 75° | 167 | 278 | 167 | 334 | 167 | 175 |
| 85° | 28 | 71 | 28 | 60 | 28 | 38 |
| 90° | 1 | 5 | 1 | 5 | 1 | 2 |
| 95° | 13 | 59 | 13 | 59 | 13 | 14 |
| 105° | 46 | 402 | 46 | 402 | 46 | 49 |
| 115° | 82 | 518 | 82 | 518 | 82 | 81 |
| 125° | 114 | 412 | 114 | 412 | 114 | 101 |
| 135° | 136 | 320 | 136 | 320 | 136 | 105 |
| 145° | 158 | 260 | 158 | 260 | 158 | 99 |
| 155° | 179 | 224 | 179 | 224 | 179 | 82 |
| 165° | 193 | 208 | 193 | 208 | 193 | 54 |
| 175° | 200 | 202 | 200 | 202 | 200 | 19 |
| 180° | 200 | 200 | 200 | 200 | 200 | |



TEST NUMBER: P934062

CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 |
| 2.5° | 1891.3 | 1891.3 | 1902.0 | 1905.5 | 1905.5 | 1900.2 | 1894.8 | 1900.2 | 1916.1 | 1921.5 | 1919.7 |
| 5° | 1884.2 | 1898.4 | 1917.9 | 1921.5 | 1925.0 | 1923.2 | 1919.7 | 1923.2 | 1940.9 | 1944.5 | 1946.3 |
| 7.5° | 1870.0 | 1896.6 | 1921.5 | 1926.8 | 1932.1 | 1926.8 | 1925.0 | 1928.6 | 1946.3 | 1949.9 | 1949.9 |
| 10° | 1852.3 | 1889.6 | 1917.9 | 1921.5 | 1926.8 | 1921.5 | 1921.5 | 1928.6 | 1946.3 | 1949.9 | 1951.6 |
| 12.5° | 1827.4 | 1878.9 | 1905.5 | 1909.1 | 1916.1 | 1914.4 | 1912.6 | 1919.7 | 1937.5 | 1940.9 | 1940.9 |
| 15° | 1799.0 | 1859.4 | 1884.2 | 1887.8 | 1900.2 | 1896.6 | 1896.6 | 1903.7 | 1923.2 | 1928.6 | 1926.8 |
| 17.5° | 1760.0 | 1834.5 | 1863.0 | 1868.2 | 1877.1 | 1875.3 | 1877.1 | 1884.2 | 1902.0 | 1905.5 | 1907.3 |
| 20° | 1715.7 | 1800.8 | 1834.5 | 1839.9 | 1848.7 | 1848.7 | 1848.7 | 1857.6 | 1875.3 | 1882.5 | 1882.5 |
| 22.5° | 1655.3 | 1765.4 | 1800.8 | 1804.4 | 1815.1 | 1815.1 | 1818.6 | 1831.0 | 1846.9 | 1848.7 | 1848.7 |
| 25° | 1584.3 | 1726.3 | 1756.5 | 1767.1 | 1777.7 | 1783.1 | 1788.4 | 1795.5 | 1800.8 | 1799.0 | 1800.8 |
| 27.5° | 1509.9 | 1676.7 | 1715.7 | 1722.8 | 1737.0 | 1742.3 | 1749.4 | 1751.1 | 1752.9 | 1758.2 | 1754.7 |
| 30° | 1426.5 | 1607.4 | 1666.0 | 1673.1 | 1696.2 | 1699.7 | 1692.6 | 1696.2 | 1705.0 | 1708.6 | 1712.1 |
| 32.5° | 1332.4 | 1504.6 | 1614.5 | 1630.5 | 1651.8 | 1641.1 | 1639.4 | 1644.7 | 1658.9 | 1658.9 | 1662.4 |
| 35° | 1204.7 | 1424.7 | 1566.6 | 1580.9 | 1596.8 | 1584.3 | 1591.5 | 1593.2 | 1602.1 | 1607.4 | 1605.7 |
| 37.5° | 1064.5 | 1355.5 | 1516.9 | 1527.6 | 1540.0 | 1524.1 | 1534.7 | 1540.0 | 1547.1 | 1543.6 | 1543.6 |
| 40° | 940.3 | 1247.3 | 1458.4 | 1465.5 | 1476.2 | 1463.7 | 1474.4 | 1477.9 | 1481.5 | 1477.9 | 1476.2 |
| 42.5° | 848.0 | 1128.4 | 1396.3 | 1405.2 | 1398.1 | 1407.0 | 1410.5 | 1417.6 | 1412.3 | 1405.2 | 1405.2 |
| 45° | 777.1 | 1096.5 | 1328.9 | 1339.6 | 1328.9 | 1343.1 | 1348.4 | 1348.4 | 1332.4 | 1328.9 | 1327.1 |
| 47.5° | 754.0 | 1032.6 | 1261.5 | 1261.5 | 1256.1 | 1273.8 | 1282.7 | 1270.4 | 1254.3 | 1249.0 | 1249.0 |
| 50° | 752.2 | 961.7 | 1169.2 | 1162.1 | 1186.9 | 1208.2 | 1199.4 | 1186.9 | 1174.6 | 1155.0 | 1155.0 |
| 52.5° | 683.0 | 874.7 | 1050.3 | 1077.0 | 1116.0 | 1128.4 | 1114.2 | 1101.8 | 1080.5 | 1071.6 | 1064.5 |
| 55° | 633.4 | 784.2 | 942.1 | 995.3 | 1036.1 | 1052.1 | 1025.5 | 1013.0 | 981.2 | 975.8 | 972.3 |
| 57.5° | 622.8 | 653.0 | 842.8 | 910.2 | 959.9 | 958.1 | 942.1 | 919.0 | 892.4 | 887.1 | 885.4 |
| 60° | 571.3 | 471.9 | 736.3 | 816.2 | 867.6 | 862.3 | 848.0 | 826.8 | 801.9 | 798.4 | 794.9 |
| 62.5° | 518.0 | 342.5 | 615.6 | 706.1 | 778.9 | 777.1 | 764.7 | 732.7 | 715.0 | 706.1 | 699.1 |
| 65° | 440.0 | 287.4 | 438.3 | 587.2 | 692.0 | 695.5 | 668.9 | 645.8 | 626.3 | 615.6 | 613.9 |
| 67.5° | 335.3 | 234.2 | 296.3 | 489.6 | 608.5 | 605.1 | 571.3 | 560.6 | 535.8 | 530.5 | 519.8 |
| 70° | 248.4 | 156.1 | 205.8 | 397.4 | 527.0 | 518.0 | 491.4 | 479.1 | 456.0 | 443.5 | 436.5 |
| 72.5° | 205.8 | 126.0 | 150.8 | 308.7 | 443.5 | 432.9 | 409.9 | 395.6 | 376.1 | 365.5 | 358.4 |
| 75° | 166.8 | 133.0 | 115.3 | 228.8 | 360.2 | 353.1 | 331.8 | 317.6 | 301.6 | 287.4 | 289.2 |
| 77.5° | 122.4 | 124.2 | 92.2 | 168.6 | 285.6 | 275.0 | 262.6 | 244.9 | 237.7 | 223.6 | 223.6 |
| 80° | 92.2 | 97.6 | 69.2 | 115.3 | 205.8 | 205.8 | 195.2 | 182.7 | 170.3 | 163.2 | 163.2 |
| 82.5° | 62.1 | 62.1 | 51.5 | 72.7 | 140.2 | 134.8 | 127.8 | 124.2 | 117.1 | 113.5 | 113.5 |
| 85° | 28.4 | 35.5 | 32.0 | 44.3 | 76.3 | 79.9 | 79.9 | 76.3 | 74.5 | 71.0 | 72.7 |
| 87.5° | 8.9 | 15.9 | 19.5 | 24.8 | 39.0 | 40.8 | 42.6 | 42.6 | 42.6 | 44.3 | 44.3 |
| 90° | 1.3 | 2.4 | 3.5 | 3.8 | 5.9 | 8.8 | 10.2 | 9.0 | 6.8 | 5.1 | 5.1 |
| 92.5° | 5.4 | 14.5 | 23.6 | 26.0 | 36.5 | 50.6 | 57.6 | 50.4 | 36.2 | 25.5 | 24.5 |
| 95° | 12.9 | 29.6 | 46.4 | 50.6 | 89.8 | 142.1 | 168.2 | 150.1 | 113.9 | 86.8 | 83.7 |
| 97.5° | 22.3 | 37.1 | 51.8 | 55.5 | 121.0 | 208.2 | 251.8 | 240.3 | 217.5 | 200.3 | 194.5 |
| 100° | 29.6 | 43.0 | 56.4 | 59.7 | 132.3 | 229.1 | 277.5 | 278.3 | 280.0 | 281.2 | 274.2 |
| 102.5° | 35.8 | 48.3 | 60.8 | 63.9 | 137.5 | 235.6 | 284.7 | 299.3 | 328.5 | 350.4 | 344.4 |
| 105° | 46.3 | 56.9 | 67.4 | 70.1 | 141.4 | 236.4 | 283.9 | 316.6 | 382.0 | 431.1 | 427.9 |
| 107.5° | 57.0 | 66.9 | 76.7 | 79.2 | 142.1 | 225.9 | 267.8 | 313.4 | 404.7 | 473.1 | 473.9 |
| 110° | 64.3 | 73.2 | 82.1 | 84.3 | 141.0 | 216.6 | 254.4 | 305.4 | 407.4 | 483.8 | 487.1 |



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CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 71.4 | 80.0 | 88.4 | 90.5 | 141.0 | 208.4 | 242.1 | 294.3 | 398.7 | 476.9 | 482.0 |
| 115° | 82.2 | 90.1 | 97.9 | 99.8 | 142.4 | 199.0 | 227.4 | 277.7 | 378.3 | 453.7 | 460.8 |
| 117.5° | 92.8 | 99.9 | 107.0 | 108.8 | 145.0 | 193.2 | 217.4 | 262.8 | 353.5 | 421.5 | 429.4 |
| 120° | 99.0 | 105.7 | 112.4 | 114.1 | 147.2 | 191.3 | 213.4 | 254.8 | 337.7 | 399.9 | 407.6 |
| 122.5° | 105.0 | 111.8 | 118.5 | 120.2 | 150.2 | 190.3 | 210.2 | 247.6 | 322.2 | 378.3 | 385.9 |
| 125° | 114.3 | 120.5 | 126.7 | 128.2 | 154.4 | 189.4 | 206.9 | 238.6 | 302.1 | 349.6 | 356.6 |
| 127.5° | 121.9 | 128.0 | 134.3 | 135.8 | 158.6 | 188.9 | 204.0 | 231.3 | 285.8 | 326.6 | 332.5 |
| 130° | 125.9 | 132.6 | 139.2 | 140.9 | 161.6 | 189.2 | 203.0 | 227.2 | 275.7 | 312.0 | 317.5 |
| 132.5° | 130.1 | 136.8 | 143.4 | 145.1 | 164.1 | 189.4 | 202.1 | 223.7 | 267.2 | 299.7 | 304.5 |
| 135° | 136.3 | 142.4 | 148.4 | 150.0 | 166.8 | 189.3 | 200.5 | 218.6 | 255.0 | 282.2 | 286.4 |
| 137.5° | 142.6 | 148.6 | 154.6 | 156.1 | 170.8 | 190.4 | 200.2 | 215.6 | 246.3 | 269.3 | 272.7 |
| 140° | 147.8 | 153.4 | 158.9 | 160.4 | 173.3 | 190.6 | 199.2 | 212.5 | 239.0 | 258.9 | 262.1 |
| 142.5° | 151.8 | 156.9 | 162.1 | 163.4 | 175.3 | 191.2 | 199.2 | 210.8 | 234.2 | 251.7 | 254.4 |
| 145° | 158.0 | 162.5 | 167.0 | 168.1 | 178.1 | 191.2 | 197.9 | 207.4 | 226.4 | 240.7 | 242.8 |
| 147.5° | 164.2 | 168.6 | 173.0 | 174.0 | 182.0 | 192.6 | 197.9 | 205.4 | 220.3 | 231.6 | 233.3 |
| 150° | 168.2 | 172.2 | 176.2 | 177.2 | 184.1 | 193.3 | 197.9 | 204.2 | 216.8 | 226.3 | 227.8 |
| 152.5° | 172.4 | 175.4 | 178.4 | 179.2 | 185.4 | 193.7 | 197.9 | 203.2 | 214.1 | 222.2 | 223.3 |
| 155° | 178.6 | 180.9 | 183.1 | 183.6 | 188.4 | 194.7 | 197.9 | 202.2 | 210.8 | 217.2 | 217.9 |
| 157.5° | 183.2 | 185.3 | 187.5 | 188.0 | 191.3 | 195.7 | 197.9 | 201.2 | 207.9 | 212.9 | 213.4 |
| 160° | 186.3 | 188.0 | 189.6 | 190.1 | 192.7 | 196.2 | 197.9 | 200.7 | 206.5 | 210.8 | 211.0 |
| 162.5° | 189.4 | 190.6 | 191.9 | 192.2 | 194.1 | 196.6 | 197.9 | 200.3 | 205.1 | 208.8 | 209.1 |
| 165° | 192.8 | 193.8 | 195.0 | 195.3 | 196.2 | 197.3 | 197.9 | 199.6 | 203.1 | 205.7 | 205.9 |
| 167.5° | 195.8 | 196.3 | 196.9 | 197.1 | 197.8 | 198.8 | 199.2 | 200.4 | 202.6 | 204.3 | 204.4 |
| 170° | 197.9 | 198.4 | 198.9 | 199.0 | 199.1 | 199.2 | 199.2 | 200.4 | 202.6 | 204.3 | 204.3 |
| 172.5° | 198.9 | 199.0 | 199.2 | 199.2 | 199.2 | 199.2 | 199.2 | 200.1 | 201.9 | 203.2 | 203.1 |
| 175° | 200.5 | 200.5 | 200.5 | 200.5 | 200.0 | 199.5 | 199.2 | 199.7 | 200.9 | 201.8 | 201.8 |
| 177.5° | 200.5 | 200.5 | 200.5 | 200.5 | 200.1 | 199.7 | 199.5 | 199.9 | 200.8 | 201.5 | 201.4 |
| 180° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 |



TEST NUMBER: P934062

CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 |
| 2.5° | 1923.2 | 1917.9 | 1923.2 | 1919.7 | 1921.5 | 1916.1 | 1900.2 | 1894.8 | 1900.2 | 1905.5 | 1905.5 |
| 5° | 1946.3 | 1942.7 | 1946.3 | 1946.3 | 1944.5 | 1940.9 | 1923.2 | 1919.7 | 1923.2 | 1925.0 | 1921.5 |
| 7.5° | 1953.4 | 1948.1 | 1953.4 | 1949.9 | 1949.9 | 1946.3 | 1928.6 | 1925.0 | 1926.8 | 1932.1 | 1926.8 |
| 10° | 1953.4 | 1948.1 | 1953.4 | 1951.6 | 1949.9 | 1946.3 | 1928.6 | 1921.5 | 1921.5 | 1926.8 | 1921.5 |
| 12.5° | 1944.5 | 1940.9 | 1944.5 | 1940.9 | 1940.9 | 1937.5 | 1919.7 | 1912.6 | 1914.4 | 1916.1 | 1909.1 |
| 15° | 1930.4 | 1925.0 | 1930.4 | 1926.8 | 1928.6 | 1923.2 | 1903.7 | 1896.6 | 1896.6 | 1900.2 | 1887.8 |
| 17.5° | 1909.1 | 1902.0 | 1909.1 | 1907.3 | 1905.5 | 1902.0 | 1884.2 | 1877.1 | 1875.3 | 1877.1 | 1868.2 |
| 20° | 1884.2 | 1878.9 | 1884.2 | 1882.5 | 1882.5 | 1875.3 | 1857.6 | 1848.7 | 1848.7 | 1848.7 | 1839.9 |
| 22.5° | 1845.1 | 1839.9 | 1845.1 | 1848.7 | 1848.7 | 1846.9 | 1831.0 | 1818.6 | 1815.1 | 1815.1 | 1804.4 |
| 25° | 1800.8 | 1795.5 | 1800.8 | 1800.8 | 1799.0 | 1800.8 | 1795.5 | 1788.4 | 1783.1 | 1777.7 | 1767.1 |
| 27.5° | 1758.2 | 1754.7 | 1758.2 | 1754.7 | 1758.2 | 1752.9 | 1751.1 | 1749.4 | 1742.3 | 1737.0 | 1722.8 |
| 30° | 1715.7 | 1712.1 | 1715.7 | 1712.1 | 1708.6 | 1705.0 | 1696.2 | 1692.6 | 1699.7 | 1696.2 | 1673.1 |
| 32.5° | 1662.4 | 1658.9 | 1662.4 | 1662.4 | 1658.9 | 1658.9 | 1644.7 | 1639.4 | 1641.1 | 1651.8 | 1630.5 |
| 35° | 1607.4 | 1602.1 | 1607.4 | 1605.7 | 1607.4 | 1602.1 | 1593.2 | 1591.5 | 1584.3 | 1596.8 | 1580.9 |
| 37.5° | 1543.6 | 1538.2 | 1543.6 | 1543.6 | 1543.6 | 1547.1 | 1540.0 | 1534.7 | 1524.1 | 1540.0 | 1527.6 |
| 40° | 1477.9 | 1470.8 | 1477.9 | 1476.2 | 1477.9 | 1481.5 | 1477.9 | 1474.4 | 1463.7 | 1476.2 | 1465.5 |
| 42.5° | 1403.4 | 1401.6 | 1403.4 | 1405.2 | 1405.2 | 1412.3 | 1417.6 | 1410.5 | 1407.0 | 1398.1 | 1405.2 |
| 45° | 1323.5 | 1320.0 | 1323.5 | 1327.1 | 1328.9 | 1332.4 | 1348.4 | 1348.4 | 1343.1 | 1328.9 | 1339.6 |
| 47.5° | 1238.4 | 1229.5 | 1238.4 | 1249.0 | 1249.0 | 1254.3 | 1270.4 | 1282.7 | 1273.8 | 1256.1 | 1261.5 |
| 50° | 1147.9 | 1149.7 | 1147.9 | 1155.0 | 1155.0 | 1174.6 | 1186.9 | 1199.4 | 1208.2 | 1186.9 | 1162.1 |
| 52.5° | 1059.2 | 1057.5 | 1059.2 | 1064.5 | 1071.6 | 1080.5 | 1101.8 | 1114.2 | 1128.4 | 1116.0 | 1077.0 |
| 55° | 970.5 | 974.0 | 970.5 | 972.3 | 975.8 | 981.2 | 1013.0 | 1025.5 | 1052.1 | 1036.1 | 995.3 |
| 57.5° | 881.8 | 876.4 | 881.8 | 885.4 | 887.1 | 892.4 | 919.0 | 942.1 | 958.1 | 959.9 | 910.2 |
| 60° | 778.9 | 771.8 | 778.9 | 794.9 | 798.4 | 801.9 | 826.8 | 848.0 | 862.3 | 867.6 | 816.2 |
| 62.5° | 688.4 | 676.0 | 688.4 | 699.1 | 706.1 | 715.0 | 732.7 | 764.7 | 777.1 | 778.9 | 706.1 |
| 65° | 592.6 | 587.2 | 592.6 | 613.9 | 615.6 | 626.3 | 645.8 | 668.9 | 695.5 | 692.0 | 587.2 |
| 67.5° | 505.7 | 505.7 | 505.7 | 519.8 | 530.5 | 535.8 | 560.6 | 571.3 | 605.1 | 608.5 | 489.6 |
| 70° | 425.8 | 424.0 | 425.8 | 436.5 | 443.5 | 456.0 | 479.1 | 491.4 | 518.0 | 527.0 | 397.4 |
| 72.5° | 349.5 | 347.7 | 349.5 | 358.4 | 365.5 | 376.1 | 395.6 | 409.9 | 432.9 | 443.5 | 308.7 |
| 75° | 282.1 | 278.5 | 282.1 | 289.2 | 287.4 | 301.6 | 317.6 | 331.8 | 353.1 | 360.2 | 228.8 |
| 77.5° | 216.5 | 216.5 | 216.5 | 223.6 | 223.6 | 237.7 | 244.9 | 262.6 | 275.0 | 285.6 | 168.6 |
| 80° | 161.4 | 159.7 | 161.4 | 163.2 | 163.2 | 170.3 | 182.7 | 195.2 | 205.8 | 205.8 | 115.3 |
| 82.5° | 113.5 | 110.0 | 113.5 | 113.5 | 113.5 | 117.1 | 124.2 | 127.8 | 134.8 | 140.2 | 72.7 |
| 85° | 71.0 | 71.0 | 71.0 | 72.7 | 71.0 | 74.5 | 76.3 | 79.9 | 79.9 | 76.3 | 44.3 |
| 87.5° | 46.1 | 44.3 | 46.1 | 44.3 | 44.3 | 42.6 | 42.6 | 42.6 | 40.8 | 39.0 | 24.8 |
| 90° | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 6.8 | 9.0 | 10.2 | 8.8 | 5.9 | 3.8 |
| 92.5° | 20.4 | 16.4 | 20.4 | 24.5 | 25.5 | 36.2 | 50.4 | 57.6 | 50.6 | 36.5 | 26.0 |
| 95° | 71.4 | 59.1 | 71.4 | 83.7 | 86.8 | 113.9 | 150.1 | 168.2 | 142.1 | 89.8 | 50.6 |
| 97.5° | 171.0 | 147.5 | 171.0 | 194.5 | 200.3 | 217.5 | 240.3 | 251.8 | 208.2 | 121.0 | 55.5 |
| 100° | 246.4 | 218.5 | 246.4 | 274.2 | 281.2 | 280.0 | 278.3 | 277.5 | 229.1 | 132.3 | 59.7 |
| 102.5° | 320.5 | 296.6 | 320.5 | 344.4 | 350.4 | 328.5 | 299.3 | 284.7 | 235.6 | 137.5 | 63.9 |
| 105° | 415.1 | 402.2 | 415.1 | 427.9 | 431.1 | 382.0 | 316.6 | 283.9 | 236.4 | 141.4 | 70.1 |
| 107.5° | 476.9 | 480.1 | 476.9 | 473.9 | 473.1 | 404.7 | 313.4 | 267.8 | 225.9 | 142.1 | 79.2 |
| 110° | 500.6 | 514.0 | 500.6 | 487.1 | 483.8 | 407.4 | 305.4 | 254.4 | 216.6 | 141.0 | 84.3 |



TEST NUMBER: P934062

CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 502.6 | 523.2 | 502.6 | 482.0 | 476.9 | 398.7 | 294.3 | 242.1 | 208.4 | 141.0 | 90.5 |
| 115° | 489.3 | 517.8 | 489.3 | 460.8 | 453.7 | 378.3 | 277.7 | 227.4 | 199.0 | 142.4 | 99.8 |
| 117.5° | 461.1 | 492.7 | 461.1 | 429.4 | 421.5 | 353.5 | 262.8 | 217.4 | 193.2 | 145.0 | 108.8 |
| 120° | 438.3 | 469.1 | 438.3 | 407.6 | 399.9 | 337.7 | 254.8 | 213.4 | 191.3 | 147.2 | 114.1 |
| 122.5° | 416.1 | 446.4 | 416.1 | 385.9 | 378.3 | 322.2 | 247.6 | 210.2 | 190.3 | 150.2 | 120.2 |
| 125° | 384.4 | 412.4 | 384.4 | 356.6 | 349.6 | 302.1 | 238.6 | 206.9 | 189.4 | 154.4 | 128.2 |
| 127.5° | 356.1 | 379.6 | 356.1 | 332.5 | 326.6 | 285.8 | 231.3 | 204.0 | 188.9 | 158.6 | 135.8 |
| 130° | 339.2 | 361.0 | 339.2 | 317.5 | 312.0 | 275.7 | 227.2 | 203.0 | 189.2 | 161.6 | 140.9 |
| 132.5° | 324.0 | 343.5 | 324.0 | 304.5 | 299.7 | 267.2 | 223.7 | 202.1 | 189.4 | 164.1 | 145.1 |
| 135° | 303.2 | 320.0 | 303.2 | 286.4 | 282.2 | 255.0 | 218.6 | 200.5 | 189.3 | 166.8 | 150.0 |
| 137.5° | 286.5 | 300.2 | 286.5 | 272.7 | 269.3 | 246.3 | 215.6 | 200.2 | 190.4 | 170.8 | 156.1 |
| 140° | 275.0 | 287.8 | 275.0 | 262.1 | 258.9 | 239.0 | 212.5 | 199.2 | 190.6 | 173.3 | 160.4 |
| 142.5° | 265.5 | 276.6 | 265.5 | 254.4 | 251.7 | 234.2 | 210.8 | 199.2 | 191.2 | 175.3 | 163.4 |
| 145° | 251.2 | 259.6 | 251.2 | 242.8 | 240.7 | 226.4 | 207.4 | 197.9 | 191.2 | 178.1 | 168.1 |
| 147.5° | 240.3 | 247.2 | 240.3 | 233.3 | 231.6 | 220.3 | 205.4 | 197.9 | 192.6 | 182.0 | 174.0 |
| 150° | 233.4 | 239.0 | 233.4 | 227.8 | 226.3 | 216.8 | 204.2 | 197.9 | 193.3 | 184.1 | 177.2 |
| 152.5° | 227.5 | 231.8 | 227.5 | 223.3 | 222.2 | 214.1 | 203.2 | 197.9 | 193.7 | 185.4 | 179.2 |
| 155° | 220.7 | 223.6 | 220.7 | 217.9 | 217.2 | 210.8 | 202.2 | 197.9 | 194.7 | 188.4 | 183.6 |
| 157.5° | 215.4 | 217.4 | 215.4 | 213.4 | 212.9 | 207.9 | 201.2 | 197.9 | 195.7 | 191.3 | 188.0 |
| 160° | 212.2 | 213.4 | 212.2 | 211.0 | 210.8 | 206.5 | 200.7 | 197.9 | 196.2 | 192.7 | 190.1 |
| 162.5° | 210.1 | 211.2 | 210.1 | 209.1 | 208.8 | 205.1 | 200.3 | 197.9 | 196.6 | 194.1 | 192.2 |
| 165° | 207.1 | 208.2 | 207.1 | 205.9 | 205.7 | 203.1 | 199.6 | 197.9 | 197.3 | 196.2 | 195.3 |
| 167.5° | 204.9 | 205.4 | 204.9 | 204.4 | 204.3 | 202.6 | 200.4 | 199.2 | 198.8 | 197.8 | 197.1 |
| 170° | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 202.6 | 200.4 | 199.2 | 199.2 | 199.1 | 199.0 |
| 172.5° | 202.7 | 202.3 | 202.7 | 203.1 | 203.2 | 201.9 | 200.1 | 199.2 | 199.2 | 199.2 | 199.2 |
| 175° | 201.8 | 201.8 | 201.8 | 201.8 | 201.8 | 200.9 | 199.7 | 199.2 | 199.5 | 200.0 | 200.5 |
| 177.5° | 200.9 | 200.5 | 200.9 | 201.4 | 201.5 | 200.8 | 199.9 | 199.5 | 199.7 | 200.1 | 200.5 |
| 180° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 |



TEST NUMBER: P934062

CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 |
| 2.5° | 1902.0 | 1891.3 | 1891.3 | 1873.5 | 1866.5 | 1861.2 | 1852.3 | 1825.6 | 1818.6 | 1811.5 | 1822.1 |
| 5° | 1917.9 | 1898.4 | 1884.2 | 1852.3 | 1825.6 | 1815.1 | 1781.3 | 1717.5 | 1674.9 | 1642.9 | 1625.2 |
| 7.5° | 1921.5 | 1896.6 | 1870.0 | 1820.3 | 1756.5 | 1728.0 | 1625.2 | 1508.1 | 1476.2 | 1447.7 | 1430.0 |
| 10° | 1917.9 | 1889.6 | 1852.3 | 1777.7 | 1627.0 | 1577.3 | 1474.4 | 1398.1 | 1378.6 | 1373.2 | 1378.6 |
| 12.5° | 1905.5 | 1878.9 | 1827.4 | 1703.2 | 1492.1 | 1458.4 | 1398.1 | 1353.7 | 1350.2 | 1359.1 | 1407.0 |
| 15° | 1884.2 | 1859.4 | 1799.0 | 1603.9 | 1417.6 | 1392.7 | 1350.2 | 1334.2 | 1353.7 | 1415.8 | 1559.5 |
| 17.5° | 1863.0 | 1834.5 | 1760.0 | 1506.3 | 1360.8 | 1343.1 | 1312.9 | 1344.8 | 1454.9 | 1538.2 | 1586.1 |
| 20° | 1834.5 | 1800.8 | 1715.7 | 1435.4 | 1320.0 | 1304.0 | 1289.9 | 1433.6 | 1516.9 | 1547.1 | 1573.7 |
| 22.5° | 1800.8 | 1765.4 | 1655.3 | 1385.7 | 1277.4 | 1265.0 | 1273.8 | 1483.3 | 1516.9 | 1538.2 | 1561.3 |
| 25° | 1756.5 | 1726.3 | 1584.3 | 1346.6 | 1243.8 | 1229.5 | 1263.3 | 1477.9 | 1497.4 | 1502.8 | 1548.9 |
| 27.5° | 1715.7 | 1676.7 | 1509.9 | 1311.2 | 1202.9 | 1197.6 | 1272.1 | 1454.9 | 1469.0 | 1474.4 | 1524.1 |
| 30° | 1666.0 | 1607.4 | 1426.5 | 1273.8 | 1160.3 | 1158.5 | 1273.8 | 1426.5 | 1422.9 | 1437.2 | 1486.8 |
| 32.5° | 1614.5 | 1504.6 | 1332.4 | 1227.7 | 1119.5 | 1117.8 | 1261.5 | 1383.9 | 1380.3 | 1399.8 | 1437.2 |
| 35° | 1566.6 | 1424.7 | 1204.7 | 1174.6 | 1068.1 | 1069.8 | 1231.3 | 1334.2 | 1336.0 | 1353.7 | 1376.8 |
| 37.5° | 1516.9 | 1355.5 | 1064.5 | 1116.0 | 1018.4 | 1018.4 | 1190.5 | 1288.1 | 1284.5 | 1289.9 | 1321.7 |
| 40° | 1458.4 | 1247.3 | 940.3 | 1039.7 | 972.3 | 966.9 | 1140.8 | 1238.4 | 1226.0 | 1224.2 | 1268.6 |
| 42.5° | 1396.3 | 1128.4 | 848.0 | 938.6 | 919.0 | 912.0 | 1080.5 | 1178.1 | 1155.0 | 1160.3 | 1217.1 |
| 45° | 1328.9 | 1096.5 | 777.1 | 793.1 | 864.1 | 858.7 | 1014.8 | 1108.8 | 1092.9 | 1107.1 | 1165.7 |
| 47.5° | 1261.5 | 1032.6 | 754.0 | 658.2 | 805.5 | 803.7 | 942.1 | 1041.4 | 1032.6 | 1046.8 | 1108.8 |
| 50° | 1169.2 | 961.7 | 752.2 | 564.2 | 739.9 | 747.0 | 855.2 | 975.8 | 975.8 | 988.2 | 1053.9 |
| 52.5° | 1050.3 | 874.7 | 683.0 | 511.0 | 663.5 | 684.8 | 778.9 | 919.0 | 922.6 | 935.0 | 993.5 |
| 55° | 942.1 | 784.2 | 633.4 | 470.1 | 573.1 | 619.2 | 704.3 | 860.5 | 867.6 | 880.0 | 933.3 |
| 57.5° | 842.8 | 653.0 | 622.8 | 422.2 | 489.6 | 534.1 | 638.7 | 803.7 | 807.3 | 818.0 | 869.3 |
| 60° | 736.3 | 471.9 | 571.3 | 370.8 | 416.9 | 450.6 | 578.4 | 736.3 | 748.7 | 755.8 | 800.1 |
| 62.5° | 615.6 | 342.5 | 518.0 | 335.3 | 381.5 | 388.6 | 528.7 | 672.5 | 688.4 | 693.7 | 720.4 |
| 65° | 438.3 | 287.4 | 440.0 | 305.1 | 344.2 | 345.9 | 475.5 | 606.8 | 621.0 | 629.9 | 649.4 |
| 67.5° | 296.3 | 234.2 | 335.3 | 276.7 | 315.8 | 317.6 | 424.0 | 530.5 | 550.0 | 557.1 | 569.5 |
| 70° | 205.8 | 156.1 | 248.4 | 246.7 | 283.9 | 287.4 | 369.0 | 461.3 | 479.1 | 484.4 | 491.4 |
| 72.5° | 150.8 | 126.0 | 205.8 | 221.8 | 250.2 | 253.7 | 312.3 | 383.2 | 401.0 | 406.3 | 409.9 |
| 75° | 115.3 | 133.0 | 166.8 | 193.4 | 212.9 | 214.7 | 255.5 | 312.3 | 324.6 | 328.2 | 330.0 |
| 77.5° | 92.2 | 124.2 | 122.4 | 156.1 | 173.9 | 170.3 | 200.5 | 241.3 | 251.9 | 251.9 | 251.9 |
| 80° | 69.2 | 97.6 | 92.2 | 111.7 | 127.8 | 124.2 | 143.7 | 172.1 | 175.7 | 179.2 | 177.5 |
| 82.5° | 51.5 | 62.1 | 62.1 | 71.0 | 85.1 | 81.7 | 95.8 | 111.7 | 111.7 | 111.7 | 115.3 |
| 85° | 32.0 | 35.5 | 28.4 | 37.2 | 47.9 | 46.1 | 53.3 | 60.3 | 62.1 | 62.1 | 58.6 |
| 87.5° | 19.5 | 15.9 | 8.9 | 14.2 | 21.3 | 21.3 | 24.8 | 26.6 | 24.8 | 24.8 | 24.8 |
| 90° | 3.5 | 2.4 | 1.3 | 2.4 | 3.5 | 3.8 | 5.9 | 8.8 | 10.2 | 9.0 | 6.8 |
| 92.5° | 23.6 | 14.5 | 5.4 | 14.5 | 23.6 | 26.0 | 36.5 | 50.6 | 57.6 | 50.4 | 36.2 |
| 95° | 46.4 | 29.6 | 12.9 | 29.6 | 46.4 | 50.6 | 89.8 | 142.1 | 168.2 | 150.1 | 113.9 |
| 97.5° | 51.8 | 37.1 | 22.3 | 37.1 | 51.8 | 55.5 | 121.0 | 208.2 | 251.8 | 240.3 | 217.5 |
| 100° | 56.4 | 43.0 | 29.6 | 43.0 | 56.4 | 59.7 | 132.3 | 229.1 | 277.5 | 278.3 | 280.0 |
| 102.5° | 60.8 | 48.3 | 35.8 | 48.3 | 60.8 | 63.9 | 137.5 | 235.6 | 284.7 | 299.3 | 328.5 |
| 105° | 67.4 | 56.9 | 46.3 | 56.9 | 67.4 | 70.1 | 141.4 | 236.4 | 283.9 | 316.6 | 382.0 |
| 107.5° | 76.7 | 66.9 | 57.0 | 66.9 | 76.7 | 79.2 | 142.1 | 225.9 | 267.8 | 313.4 | 404.7 |
| 110° | 82.1 | 73.2 | 64.3 | 73.2 | 82.1 | 84.3 | 141.0 | 216.6 | 254.4 | 305.4 | 407.4 |



TEST NUMBER: P934062

CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 88.4 | 80.0 | 71.4 | 80.0 | 88.4 | 90.5 | 141.0 | 208.4 | 242.1 | 294.3 | 398.7 |
| 115° | 97.9 | 90.1 | 82.2 | 90.1 | 97.9 | 99.8 | 142.4 | 199.0 | 227.4 | 277.7 | 378.3 |
| 117.5° | 107.0 | 99.9 | 92.8 | 99.9 | 107.0 | 108.8 | 145.0 | 193.2 | 217.4 | 262.8 | 353.5 |
| 120° | 112.4 | 105.7 | 99.0 | 105.7 | 112.4 | 114.1 | 147.2 | 191.3 | 213.4 | 254.8 | 337.7 |
| 122.5° | 118.5 | 111.8 | 105.0 | 111.8 | 118.5 | 120.2 | 150.2 | 190.3 | 210.2 | 247.6 | 322.2 |
| 125° | 126.7 | 120.5 | 114.3 | 120.5 | 126.7 | 128.2 | 154.4 | 189.4 | 206.9 | 238.6 | 302.1 |
| 127.5° | 134.3 | 128.0 | 121.9 | 128.0 | 134.3 | 135.8 | 158.6 | 188.9 | 204.0 | 231.3 | 285.8 |
| 130° | 139.2 | 132.6 | 125.9 | 132.6 | 139.2 | 140.9 | 161.6 | 189.2 | 203.0 | 227.2 | 275.7 |
| 132.5° | 143.4 | 136.8 | 130.1 | 136.8 | 143.4 | 145.1 | 164.1 | 189.4 | 202.1 | 223.7 | 267.2 |
| 135° | 148.4 | 142.4 | 136.3 | 142.4 | 148.4 | 150.0 | 166.8 | 189.3 | 200.5 | 218.6 | 255.0 |
| 137.5° | 154.6 | 148.6 | 142.6 | 148.6 | 154.6 | 156.1 | 170.8 | 190.4 | 200.2 | 215.6 | 246.3 |
| 140° | 158.9 | 153.4 | 147.8 | 153.4 | 158.9 | 160.4 | 173.3 | 190.6 | 199.2 | 212.5 | 239.0 |
| 142.5° | 162.1 | 156.9 | 151.8 | 156.9 | 162.1 | 163.4 | 175.3 | 191.2 | 199.2 | 210.8 | 234.2 |
| 145° | 167.0 | 162.5 | 158.0 | 162.5 | 167.0 | 168.1 | 178.1 | 191.2 | 197.9 | 207.4 | 226.4 |
| 147.5° | 173.0 | 168.6 | 164.2 | 168.6 | 173.0 | 174.0 | 182.0 | 192.6 | 197.9 | 205.4 | 220.3 |
| 150° | 176.2 | 172.2 | 168.2 | 172.2 | 176.2 | 177.2 | 184.1 | 193.3 | 197.9 | 204.2 | 216.8 |
| 152.5° | 178.4 | 175.4 | 172.4 | 175.4 | 178.4 | 179.2 | 185.4 | 193.7 | 197.9 | 203.2 | 214.1 |
| 155° | 183.1 | 180.9 | 178.6 | 180.9 | 183.1 | 183.6 | 188.4 | 194.7 | 197.9 | 202.2 | 210.8 |
| 157.5° | 187.5 | 185.3 | 183.2 | 185.3 | 187.5 | 188.0 | 191.3 | 195.7 | 197.9 | 201.2 | 207.9 |
| 160° | 189.6 | 188.0 | 186.3 | 188.0 | 189.6 | 190.1 | 192.7 | 196.2 | 197.9 | 200.7 | 206.5 |
| 162.5° | 191.9 | 190.6 | 189.4 | 190.6 | 191.9 | 192.2 | 194.1 | 196.6 | 197.9 | 200.3 | 205.1 |
| 165° | 195.0 | 193.8 | 192.8 | 193.8 | 195.0 | 195.3 | 196.2 | 197.3 | 197.9 | 199.6 | 203.1 |
| 167.5° | 196.9 | 196.3 | 195.8 | 196.3 | 196.9 | 197.1 | 197.8 | 198.8 | 199.2 | 200.4 | 202.6 |
| 170° | 198.9 | 198.4 | 197.9 | 198.4 | 198.9 | 199.0 | 199.1 | 199.2 | 199.2 | 200.4 | 202.6 |
| 172.5° | 199.2 | 199.0 | 198.9 | 199.0 | 199.2 | 199.2 | 199.2 | 199.2 | 199.2 | 200.1 | 201.9 |
| 175° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.0 | 199.5 | 199.2 | 199.7 | 200.9 |
| 177.5° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.1 | 199.7 | 199.5 | 199.9 | 200.8 |
| 180° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 |



TEST NUMBER: P934062
 CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 |
| 2.5° | 1809.7 | 1804.4 | 1811.5 | 1792.0 | 1811.5 | 1804.4 | 1809.7 | 1822.1 | 1811.5 | 1818.6 | 1825.6 |
| 5° | 1587.9 | 1579.1 | 1550.7 | 1527.6 | 1550.7 | 1579.1 | 1587.9 | 1625.2 | 1642.9 | 1674.9 | 1717.5 |
| 7.5° | 1419.3 | 1412.3 | 1405.2 | 1391.0 | 1405.2 | 1412.3 | 1419.3 | 1430.0 | 1447.7 | 1476.2 | 1508.1 |
| 10° | 1382.1 | 1383.9 | 1394.5 | 1392.7 | 1394.5 | 1383.9 | 1382.1 | 1378.6 | 1373.2 | 1378.6 | 1398.1 |
| 12.5° | 1477.9 | 1493.9 | 1552.5 | 1548.9 | 1552.5 | 1493.9 | 1477.9 | 1407.0 | 1359.1 | 1350.2 | 1353.7 |
| 15° | 1587.9 | 1593.2 | 1605.7 | 1607.4 | 1605.7 | 1593.2 | 1587.9 | 1559.5 | 1415.8 | 1353.7 | 1334.2 |
| 17.5° | 1598.6 | 1600.4 | 1609.2 | 1609.2 | 1609.2 | 1600.4 | 1598.6 | 1586.1 | 1538.2 | 1454.9 | 1344.8 |
| 20° | 1589.7 | 1593.2 | 1611.0 | 1614.5 | 1611.0 | 1593.2 | 1589.7 | 1573.7 | 1547.1 | 1516.9 | 1433.6 |
| 22.5° | 1586.1 | 1593.2 | 1607.4 | 1605.7 | 1607.4 | 1593.2 | 1586.1 | 1561.3 | 1538.2 | 1516.9 | 1483.3 |
| 25° | 1568.4 | 1568.4 | 1570.2 | 1572.0 | 1570.2 | 1568.4 | 1568.4 | 1548.9 | 1502.8 | 1497.4 | 1477.9 |
| 27.5° | 1531.2 | 1534.7 | 1545.3 | 1543.6 | 1545.3 | 1534.7 | 1531.2 | 1524.1 | 1474.4 | 1469.0 | 1454.9 |
| 30° | 1497.4 | 1493.9 | 1485.1 | 1477.9 | 1485.1 | 1493.9 | 1497.4 | 1486.8 | 1437.2 | 1422.9 | 1426.5 |
| 32.5° | 1440.6 | 1431.8 | 1422.9 | 1417.6 | 1422.9 | 1431.8 | 1440.6 | 1437.2 | 1399.8 | 1380.3 | 1383.9 |
| 35° | 1373.2 | 1375.0 | 1373.2 | 1367.9 | 1373.2 | 1375.0 | 1373.2 | 1376.8 | 1353.7 | 1336.0 | 1334.2 |
| 37.5° | 1325.3 | 1328.9 | 1327.1 | 1320.0 | 1327.1 | 1328.9 | 1325.3 | 1321.7 | 1289.9 | 1284.5 | 1288.1 |
| 40° | 1275.6 | 1277.4 | 1275.6 | 1270.4 | 1275.6 | 1277.4 | 1275.6 | 1268.6 | 1224.2 | 1226.0 | 1238.4 |
| 42.5° | 1227.7 | 1226.0 | 1220.7 | 1217.1 | 1220.7 | 1226.0 | 1227.7 | 1217.1 | 1160.3 | 1155.0 | 1178.1 |
| 45° | 1172.8 | 1174.6 | 1163.9 | 1158.5 | 1163.9 | 1174.6 | 1172.8 | 1165.7 | 1107.1 | 1092.9 | 1108.8 |
| 47.5° | 1117.8 | 1117.8 | 1108.8 | 1103.6 | 1108.8 | 1117.8 | 1117.8 | 1108.8 | 1046.8 | 1032.6 | 1041.4 |
| 50° | 1059.2 | 1057.5 | 1045.0 | 1043.2 | 1045.0 | 1057.5 | 1059.2 | 1053.9 | 988.2 | 975.8 | 975.8 |
| 52.5° | 991.8 | 991.8 | 993.5 | 997.1 | 993.5 | 991.8 | 991.8 | 993.5 | 935.0 | 922.6 | 919.0 |
| 55° | 933.3 | 935.0 | 947.4 | 951.0 | 947.4 | 935.0 | 933.3 | 933.3 | 880.0 | 867.6 | 860.5 |
| 57.5° | 872.9 | 872.9 | 881.8 | 881.8 | 881.8 | 872.9 | 872.9 | 869.3 | 818.0 | 807.3 | 803.7 |
| 60° | 803.7 | 807.3 | 814.4 | 812.6 | 814.4 | 807.3 | 803.7 | 800.1 | 755.8 | 748.7 | 736.3 |
| 62.5° | 730.9 | 734.5 | 736.3 | 732.7 | 736.3 | 734.5 | 730.9 | 720.4 | 693.7 | 688.4 | 672.5 |
| 65° | 654.7 | 658.2 | 660.0 | 656.4 | 660.0 | 658.2 | 654.7 | 649.4 | 629.9 | 621.0 | 606.8 |
| 67.5° | 576.6 | 574.9 | 573.1 | 580.2 | 573.1 | 574.9 | 576.6 | 569.5 | 557.1 | 550.0 | 530.5 |
| 70° | 496.8 | 496.8 | 495.0 | 498.5 | 495.0 | 496.8 | 496.8 | 491.4 | 484.4 | 479.1 | 461.3 |
| 72.5° | 411.6 | 409.9 | 416.9 | 411.6 | 416.9 | 409.9 | 411.6 | 409.9 | 406.3 | 401.0 | 383.2 |
| 75° | 328.2 | 331.8 | 328.2 | 333.6 | 328.2 | 331.8 | 328.2 | 330.0 | 328.2 | 324.6 | 312.3 |
| 77.5° | 250.2 | 253.7 | 250.2 | 250.2 | 250.2 | 253.7 | 250.2 | 251.9 | 251.9 | 251.9 | 241.3 |
| 80° | 177.5 | 175.7 | 175.7 | 173.9 | 175.7 | 175.7 | 177.5 | 177.5 | 179.2 | 175.7 | 172.1 |
| 82.5° | 113.5 | 111.7 | 111.7 | 115.3 | 111.7 | 111.7 | 113.5 | 115.3 | 111.7 | 111.7 | 111.7 |
| 85° | 62.1 | 63.8 | 60.3 | 60.3 | 60.3 | 63.8 | 62.1 | 58.6 | 62.1 | 62.1 | 60.3 |
| 87.5° | 23.1 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 23.1 | 24.8 | 24.8 | 24.8 | 26.6 |
| 90° | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 6.8 | 9.0 | 10.2 | 8.8 |
| 92.5° | 25.5 | 24.5 | 20.4 | 16.4 | 20.4 | 24.5 | 25.5 | 36.2 | 50.4 | 57.6 | 50.6 |
| 95° | 86.8 | 83.7 | 71.4 | 59.1 | 71.4 | 83.7 | 86.8 | 113.9 | 150.1 | 168.2 | 142.1 |
| 97.5° | 200.3 | 194.5 | 171.0 | 147.5 | 171.0 | 194.5 | 200.3 | 217.5 | 240.3 | 251.8 | 208.2 |
| 100° | 281.2 | 274.2 | 246.4 | 218.5 | 246.4 | 274.2 | 281.2 | 280.0 | 278.3 | 277.5 | 229.1 |
| 102.5° | 350.4 | 344.4 | 320.5 | 296.6 | 320.5 | 344.4 | 350.4 | 328.5 | 299.3 | 284.7 | 235.6 |
| 105° | 431.1 | 427.9 | 415.1 | 402.2 | 415.1 | 427.9 | 431.1 | 382.0 | 316.6 | 283.9 | 236.4 |
| 107.5° | 473.1 | 473.9 | 476.9 | 480.1 | 476.9 | 473.9 | 473.1 | 404.7 | 313.4 | 267.8 | 225.9 |
| 110° | 483.8 | 487.1 | 500.6 | 514.0 | 500.6 | 487.1 | 483.8 | 407.4 | 305.4 | 254.4 | 216.6 |



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CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 112.5° | 476.9 | 482.0 | 502.6 | 523.2 | 502.6 | 482.0 | 476.9 | 398.7 | 294.3 | 242.1 | 208.4 |
| 115° | 453.7 | 460.8 | 489.3 | 517.8 | 489.3 | 460.8 | 453.7 | 378.3 | 277.7 | 227.4 | 199.0 |
| 117.5° | 421.5 | 429.4 | 461.1 | 492.7 | 461.1 | 429.4 | 421.5 | 353.5 | 262.8 | 217.4 | 193.2 |
| 120° | 399.9 | 407.6 | 438.3 | 469.1 | 438.3 | 407.6 | 399.9 | 337.7 | 254.8 | 213.4 | 191.3 |
| 122.5° | 378.3 | 385.9 | 416.1 | 446.4 | 416.1 | 385.9 | 378.3 | 322.2 | 247.6 | 210.2 | 190.3 |
| 125° | 349.6 | 356.6 | 384.4 | 412.4 | 384.4 | 356.6 | 349.6 | 302.1 | 238.6 | 206.9 | 189.4 |
| 127.5° | 326.6 | 332.5 | 356.1 | 379.6 | 356.1 | 332.5 | 326.6 | 285.8 | 231.3 | 204.0 | 188.9 |
| 130° | 312.0 | 317.5 | 339.2 | 361.0 | 339.2 | 317.5 | 312.0 | 275.7 | 227.2 | 203.0 | 189.2 |
| 132.5° | 299.7 | 304.5 | 324.0 | 343.5 | 324.0 | 304.5 | 299.7 | 267.2 | 223.7 | 202.1 | 189.4 |
| 135° | 282.2 | 286.4 | 303.2 | 320.0 | 303.2 | 286.4 | 282.2 | 255.0 | 218.6 | 200.5 | 189.3 |
| 137.5° | 269.3 | 272.7 | 286.5 | 300.2 | 286.5 | 272.7 | 269.3 | 246.3 | 215.6 | 200.2 | 190.4 |
| 140° | 258.9 | 262.1 | 275.0 | 287.8 | 275.0 | 262.1 | 258.9 | 239.0 | 212.5 | 199.2 | 190.6 |
| 142.5° | 251.7 | 254.4 | 265.5 | 276.6 | 265.5 | 254.4 | 251.7 | 234.2 | 210.8 | 199.2 | 191.2 |
| 145° | 240.7 | 242.8 | 251.2 | 259.6 | 251.2 | 242.8 | 240.7 | 226.4 | 207.4 | 197.9 | 191.2 |
| 147.5° | 231.6 | 233.3 | 240.3 | 247.2 | 240.3 | 233.3 | 231.6 | 220.3 | 205.4 | 197.9 | 192.6 |
| 150° | 226.3 | 227.8 | 233.4 | 239.0 | 233.4 | 227.8 | 226.3 | 216.8 | 204.2 | 197.9 | 193.3 |
| 152.5° | 222.2 | 223.3 | 227.5 | 231.8 | 227.5 | 223.3 | 222.2 | 214.1 | 203.2 | 197.9 | 193.7 |
| 155° | 217.2 | 217.9 | 220.7 | 223.6 | 220.7 | 217.9 | 217.2 | 210.8 | 202.2 | 197.9 | 194.7 |
| 157.5° | 212.9 | 213.4 | 215.4 | 217.4 | 215.4 | 213.4 | 212.9 | 207.9 | 201.2 | 197.9 | 195.7 |
| 160° | 210.8 | 211.0 | 212.2 | 213.4 | 212.2 | 211.0 | 210.8 | 206.5 | 200.7 | 197.9 | 196.2 |
| 162.5° | 208.8 | 209.1 | 210.1 | 211.2 | 210.1 | 209.1 | 208.8 | 205.1 | 200.3 | 197.9 | 196.6 |
| 165° | 205.7 | 205.9 | 207.1 | 208.2 | 207.1 | 205.9 | 205.7 | 203.1 | 199.6 | 197.9 | 197.3 |
| 167.5° | 204.3 | 204.4 | 204.9 | 205.4 | 204.9 | 204.4 | 204.3 | 202.6 | 200.4 | 199.2 | 198.8 |
| 170° | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 202.6 | 200.4 | 199.2 | 199.2 |
| 172.5° | 203.2 | 203.1 | 202.7 | 202.3 | 202.7 | 203.1 | 203.2 | 201.9 | 200.1 | 199.2 | 199.2 |
| 175° | 201.8 | 201.8 | 201.8 | 201.8 | 201.8 | 201.8 | 201.8 | 200.9 | 199.7 | 199.2 | 199.5 |
| 177.5° | 201.5 | 201.4 | 200.9 | 200.5 | 200.9 | 201.4 | 201.5 | 200.8 | 199.9 | 199.5 | 199.7 |
| 180° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 |



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CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1875.3 | 1875.3 | 1875.3 | 1875.3 | 1875.3 |
| 2.5° | 1852.3 | 1861.2 | 1866.5 | 1873.5 | 1891.3 |
| 5° | 1781.3 | 1815.1 | 1825.6 | 1852.3 | 1884.2 |
| 7.5° | 1625.2 | 1728.0 | 1756.5 | 1820.3 | 1870.0 |
| 10° | 1474.4 | 1577.3 | 1627.0 | 1777.7 | 1852.3 |
| 12.5° | 1398.1 | 1458.4 | 1492.1 | 1703.2 | 1827.4 |
| 15° | 1350.2 | 1392.7 | 1417.6 | 1603.9 | 1799.0 |
| 17.5° | 1312.9 | 1343.1 | 1360.8 | 1506.3 | 1760.0 |
| 20° | 1289.9 | 1304.0 | 1320.0 | 1435.4 | 1715.7 |
| 22.5° | 1273.8 | 1265.0 | 1277.4 | 1385.7 | 1655.3 |
| 25° | 1263.3 | 1229.5 | 1243.8 | 1346.6 | 1584.3 |
| 27.5° | 1272.1 | 1197.6 | 1202.9 | 1311.2 | 1509.9 |
| 30° | 1273.8 | 1158.5 | 1160.3 | 1273.8 | 1426.5 |
| 32.5° | 1261.5 | 1117.8 | 1119.5 | 1227.7 | 1332.4 |
| 35° | 1231.3 | 1069.8 | 1068.1 | 1174.6 | 1204.7 |
| 37.5° | 1190.5 | 1018.4 | 1018.4 | 1116.0 | 1064.5 |
| 40° | 1140.8 | 966.9 | 972.3 | 1039.7 | 940.3 |
| 42.5° | 1080.5 | 912.0 | 919.0 | 938.6 | 848.0 |
| 45° | 1014.8 | 858.7 | 864.1 | 793.1 | 777.1 |
| 47.5° | 942.1 | 803.7 | 805.5 | 658.2 | 754.0 |
| 50° | 855.2 | 747.0 | 739.9 | 564.2 | 752.2 |
| 52.5° | 778.9 | 684.8 | 663.5 | 511.0 | 683.0 |
| 55° | 704.3 | 619.2 | 573.1 | 470.1 | 633.4 |
| 57.5° | 638.7 | 534.1 | 489.6 | 422.2 | 622.8 |
| 60° | 578.4 | 450.6 | 416.9 | 370.8 | 571.3 |
| 62.5° | 528.7 | 388.6 | 381.5 | 335.3 | 518.0 |
| 65° | 475.5 | 345.9 | 344.2 | 305.1 | 440.0 |
| 67.5° | 424.0 | 317.6 | 315.8 | 276.7 | 335.3 |
| 70° | 369.0 | 287.4 | 283.9 | 246.7 | 248.4 |
| 72.5° | 312.3 | 253.7 | 250.2 | 221.8 | 205.8 |
| 75° | 255.5 | 214.7 | 212.9 | 193.4 | 166.8 |
| 77.5° | 200.5 | 170.3 | 173.9 | 156.1 | 122.4 |
| 80° | 143.7 | 124.2 | 127.8 | 111.7 | 92.2 |
| 82.5° | 95.8 | 81.7 | 85.1 | 71.0 | 62.1 |
| 85° | 53.3 | 46.1 | 47.9 | 37.2 | 28.4 |
| 87.5° | 24.8 | 21.3 | 21.3 | 14.2 | 8.9 |
| 90° | 5.9 | 3.8 | 3.5 | 2.4 | 1.3 |
| 92.5° | 36.5 | 26.0 | 23.6 | 14.5 | 5.4 |
| 95° | 89.8 | 50.6 | 46.4 | 29.6 | 12.9 |
| 97.5° | 121.0 | 55.5 | 51.8 | 37.1 | 22.3 |
| 100° | 132.3 | 59.7 | 56.4 | 43.0 | 29.6 |
| 102.5° | 137.5 | 63.9 | 60.8 | 48.3 | 35.8 |
| 105° | 141.4 | 70.1 | 67.4 | 56.9 | 46.3 |
| 107.5° | 142.1 | 79.2 | 76.7 | 66.9 | 57.0 |
| 110° | 141.0 | 84.3 | 82.1 | 73.2 | 64.3 |



TEST NUMBER: P934062

CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 141.0 | 90.5 | 88.4 | 80.0 | 71.4 |
| 115° | 142.4 | 99.8 | 97.9 | 90.1 | 82.2 |
| 117.5° | 145.0 | 108.8 | 107.0 | 99.9 | 92.8 |
| 120° | 147.2 | 114.1 | 112.4 | 105.7 | 99.0 |
| 122.5° | 150.2 | 120.2 | 118.5 | 111.8 | 105.0 |
| 125° | 154.4 | 128.2 | 126.7 | 120.5 | 114.3 |
| 127.5° | 158.6 | 135.8 | 134.3 | 128.0 | 121.9 |
| 130° | 161.6 | 140.9 | 139.2 | 132.6 | 125.9 |
| 132.5° | 164.1 | 145.1 | 143.4 | 136.8 | 130.1 |
| 135° | 166.8 | 150.0 | 148.4 | 142.4 | 136.3 |
| 137.5° | 170.8 | 156.1 | 154.6 | 148.6 | 142.6 |
| 140° | 173.3 | 160.4 | 158.9 | 153.4 | 147.8 |
| 142.5° | 175.3 | 163.4 | 162.1 | 156.9 | 151.8 |
| 145° | 178.1 | 168.1 | 167.0 | 162.5 | 158.0 |
| 147.5° | 182.0 | 174.0 | 173.0 | 168.6 | 164.2 |
| 150° | 184.1 | 177.2 | 176.2 | 172.2 | 168.2 |
| 152.5° | 185.4 | 179.2 | 178.4 | 175.4 | 172.4 |
| 155° | 188.4 | 183.6 | 183.1 | 180.9 | 178.6 |
| 157.5° | 191.3 | 188.0 | 187.5 | 185.3 | 183.2 |
| 160° | 192.7 | 190.1 | 189.6 | 188.0 | 186.3 |
| 162.5° | 194.1 | 192.2 | 191.9 | 190.6 | 189.4 |
| 165° | 196.2 | 195.3 | 195.0 | 193.8 | 192.8 |
| 167.5° | 197.8 | 197.1 | 196.9 | 196.3 | 195.8 |
| 170° | 199.1 | 199.0 | 198.9 | 198.4 | 197.9 |
| 172.5° | 199.2 | 199.2 | 199.2 | 199.0 | 198.9 |
| 175° | 200.0 | 200.5 | 200.5 | 200.5 | 200.5 |
| 177.5° | 200.1 | 200.5 | 200.5 | 200.5 | 200.5 |
| 180° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 |



TEST NUMBER: P934062
 CATALOG NUMBER: SQ4-FA-025U-100D-93050-1D-UNV-STD-W-6-3500K

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 | 15.65 | 16.85 | 16.31 | 17.53 | 18.32 | 18.48 | 19.68 | 19.14 | 20.35 | 21.14 |
| | 3H | 16.15 | 17.23 | 16.83 | 17.92 | 18.74 | 19.85 | 20.92 | 20.52 | 21.61 | 22.43 |
| | 4H | 16.36 | 17.38 | 17.06 | 18.08 | 18.91 | 20.30 | 21.32 | 21.00 | 22.02 | 22.85 |
| | 6H | 16.50 | 17.44 | 17.21 | 18.15 | 18.99 | 20.61 | 21.54 | 21.31 | 22.25 | 23.10 |
| | 8H | 16.51 | 17.40 | 17.23 | 18.13 | 18.98 | 20.69 | 21.58 | 21.41 | 22.31 | 23.16 |
| | 12H | 16.49 | 17.34 | 17.22 | 18.07 | 18.95 | 20.74 | 21.59 | 21.46 | 22.31 | 23.19 |
| 4H | 2H | 16.72 | 17.74 | 17.42 | 18.44 | 19.27 | 18.93 | 19.94 | 19.63 | 20.64 | 21.48 |
| | 3H | 17.78 | 18.63 | 18.49 | 19.37 | 20.22 | 20.46 | 21.31 | 21.17 | 22.05 | 22.90 |
| | 4H | 18.07 | 18.84 | 18.80 | 19.58 | 20.46 | 21.00 | 21.77 | 21.73 | 22.51 | 23.39 |
| | 6H | 18.22 | 18.88 | 18.96 | 19.65 | 20.54 | 21.39 | 22.05 | 22.13 | 22.82 | 23.71 |
| | 8H | 18.23 | 18.85 | 18.98 | 19.61 | 20.52 | 21.50 | 22.12 | 22.25 | 22.88 | 23.79 |
| | 12H | 18.21 | 18.77 | 18.98 | 19.56 | 20.47 | 21.57 | 22.13 | 22.34 | 22.91 | 23.82 |
| 8H | 4H | 18.55 | 19.17 | 19.30 | 19.93 | 20.84 | 21.15 | 21.78 | 21.90 | 22.54 | 23.44 |
| | 6H | 18.83 | 19.34 | 19.61 | 20.15 | 21.05 | 21.60 | 22.12 | 22.38 | 22.92 | 23.83 |
| | 8H | 18.87 | 19.33 | 19.67 | 20.14 | 21.06 | 21.76 | 22.22 | 22.55 | 23.02 | 23.94 |
| | 12H | 18.87 | 19.28 | 19.67 | 20.07 | 21.05 | 21.87 | 22.27 | 22.66 | 23.07 | 24.05 |
| 12H | 4H | 18.57 | 19.13 | 19.34 | 19.92 | 20.83 | 21.13 | 21.69 | 21.91 | 22.48 | 23.39 |
| | 6H | 18.89 | 19.35 | 19.68 | 20.15 | 21.07 | 21.60 | 22.06 | 22.40 | 22.87 | 23.79 |
| | 8H | 18.97 | 19.38 | 19.77 | 20.17 | 21.15 | 21.78 | 22.18 | 22.57 | 22.98 | 23.96 |