

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: P934151

Luminaire Tested: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934151
REPORT IS A COMBINATION OF REPORTS P933687 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

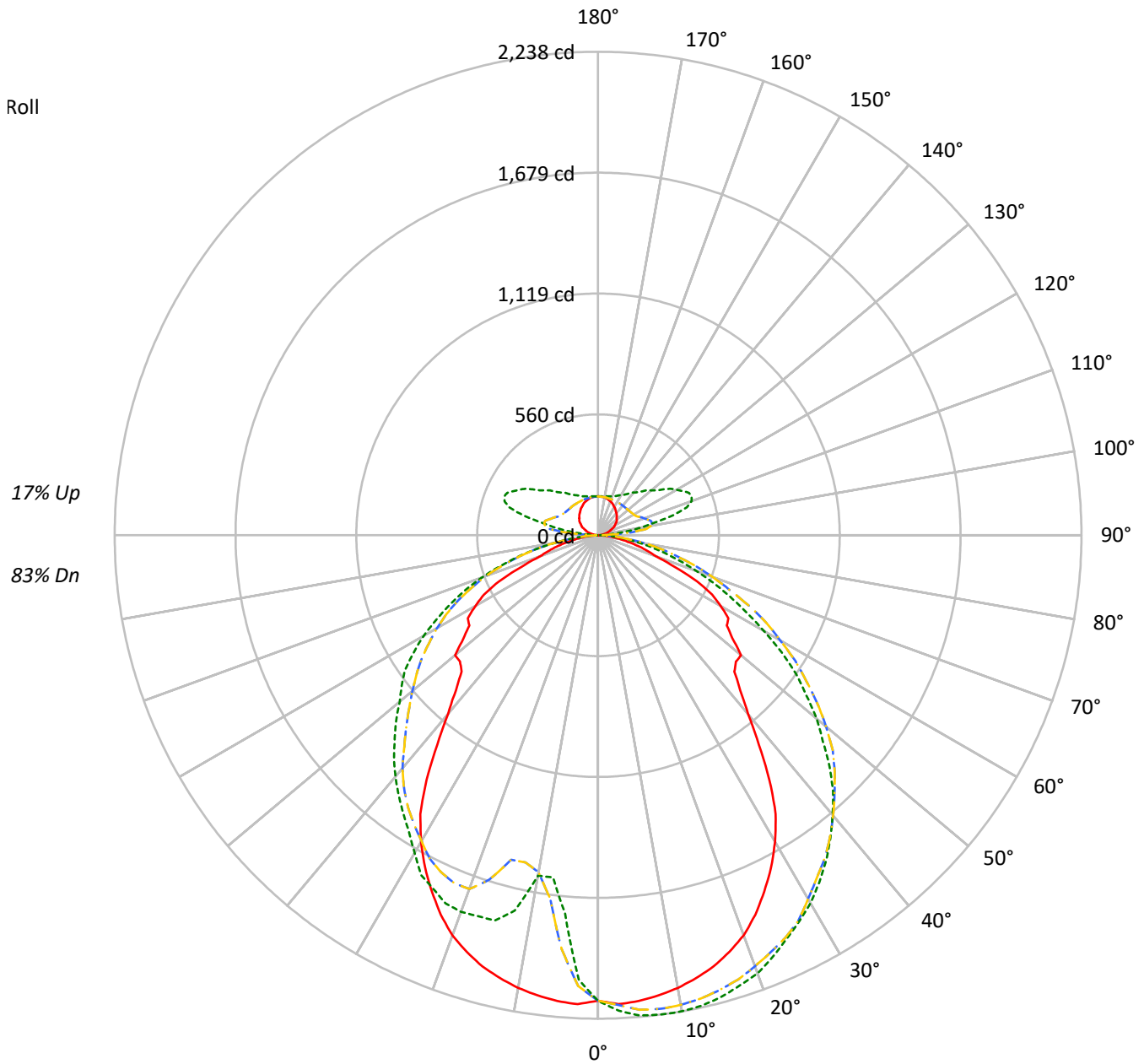
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6751.6 lumens
Efficiency: N/A
Efficacy: 90.7 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): 74.4
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: P934151
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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 | 115 | 115 | 115 | 115 | 110 | 110 | 110 | 110 | 102 | 102 | 102 | 94 | 94 | 94 | 86 | 86 | 86 | 86 | 86 | 86 | 83 |
| 1 | 105 | 101 | 97 | 93 | 101 | 97 | 93 | 90 | 89 | 87 | 84 | 83 | 80 | 78 | 76 | 75 | 73 | 73 | 73 | 73 | 70 |
| 2 | 96 | 88 | 82 | 76 | 92 | 85 | 79 | 74 | 78 | 74 | 70 | 73 | 69 | 66 | 67 | 64 | 62 | 62 | 62 | 62 | 59 |
| 3 | 88 | 78 | 70 | 64 | 84 | 75 | 68 | 62 | 69 | 63 | 59 | 64 | 60 | 56 | 60 | 56 | 52 | 52 | 52 | 52 | 50 |
| 4 | 80 | 69 | 60 | 54 | 77 | 66 | 59 | 53 | 62 | 55 | 50 | 57 | 52 | 48 | 53 | 49 | 45 | 45 | 45 | 45 | 43 |
| 5 | 74 | 61 | 53 | 46 | 70 | 59 | 51 | 45 | 55 | 49 | 43 | 52 | 46 | 41 | 48 | 43 | 39 | 39 | 39 | 39 | 37 |
| 6 | 68 | 55 | 47 | 40 | 65 | 53 | 45 | 40 | 50 | 43 | 38 | 47 | 41 | 36 | 44 | 39 | 35 | 35 | 35 | 35 | 32 |
| 7 | 63 | 50 | 42 | 36 | 60 | 48 | 41 | 35 | 45 | 39 | 34 | 42 | 37 | 32 | 40 | 35 | 31 | 31 | 31 | 31 | 29 |
| 8 | 59 | 46 | 37 | 32 | 56 | 44 | 36 | 31 | 41 | 35 | 30 | 39 | 33 | 29 | 37 | 31 | 28 | 28 | 28 | 28 | 26 |
| 9 | 55 | 42 | 34 | 28 | 52 | 40 | 33 | 28 | 38 | 32 | 27 | 36 | 30 | 26 | 34 | 29 | 25 | 25 | 25 | 25 | 23 |
| 10 | 51 | 38 | 31 | 26 | 49 | 37 | 30 | 25 | 35 | 29 | 24 | 33 | 28 | 24 | 31 | 26 | 23 | 23 | 23 | 23 | 21 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13327 | 13327 | 13327 | 13327 |
| 5° | 13422 | 13453 | 13422 | 10578 |
| 10° | 13327 | 13252 | 13327 | 9474 |
| 15° | 13177 | 12965 | 13177 | 10825 |
| 20° | 12897 | 12625 | 12897 | 10848 |
| 25° | 12327 | 12128 | 12327 | 10618 |
| 30° | 11593 | 11717 | 11593 | 10114 |
| 35° | 10331 | 11195 | 10331 | 9559 |
| 40° | 8603 | 10582 | 8603 | 9140 |
| 45° | 7682 | 9865 | 7682 | 8658 |
| 50° | 8155 | 9008 | 8155 | 8174 |
| 55° | 7665 | 8086 | 7665 | 7894 |
| 60° | 7892 | 6868 | 7892 | 7231 |
| 65° | 7144 | 5677 | 7144 | 6346 |
| 70° | 4934 | 4524 | 4934 | 5319 |
| 75° | 4311 | 3344 | 4311 | 4005 |
| 80° | 3450 | 2211 | 3450 | 2407 |
| 85° | 1944 | 1171 | 1944 | 995 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11781 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 194.5 | 2.9 |
| 10°-20° | 552.1 | 8.2 |
| 20°-30° | 853.5 | 12.6 |
| 30°-40° | 1018.9 | 15.1 |
| 40°-50° | 1024.9 | 15.2 |
| 50°-60° | 891.8 | 13.2 |
| 60°-70° | 632.3 | 9.4 |
| 70°-80° | 334.5 | 5.0 |
| 80°-90° | 84.0 | 1.2 |
| 90°-100° | 87.6 | 1.3 |
| 100°-110° | 230.4 | 3.4 |
| 110°-120° | 238.9 | 3.5 |
| 120°-130° | 191.6 | 2.8 |
| 130°-140° | 150.3 | 2.2 |
| 140°-150° | 115.4 | 1.7 |
| 150°-160° | 83.1 | 1.2 |
| 160°-170° | 50.8 | 0.8 |
| 170°-180° | 17.2 | 0.3 |
| 0°-30° | 1600.1 | 23.7 |
| 0°-40° | 2619.0 | 38.8 |
| 0°-60° | 4535.6 | 67.2 |
| 0°-90° | 5586.4 | 82.7 |
| 90°-120° | 556.8 | 8.2 |
| 90°-150° | 1014.1 | 15.0 |
| 90°-180° | 1165.0 | 17.3 |
| 0°-180° | 6751.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2154 | 2154 | 2154 | 2154 | 2154 | |
| 5° | 2164 | 2232 | 2164 | 1755 | 2164 | 205 |
| 15° | 2067 | 2211 | 2067 | 1846 | 2067 | 581 |
| 25° | 1820 | 2063 | 1820 | 1806 | 1820 | 836 |
| 35° | 1384 | 1840 | 1384 | 1571 | 1384 | 856 |
| 45° | 893 | 1516 | 893 | 1331 | 893 | 715 |
| 55° | 728 | 1119 | 728 | 1092 | 728 | 669 |
| 65° | 506 | 675 | 506 | 754 | 506 | 483 |
| 75° | 192 | 320 | 192 | 383 | 192 | 201 |
| 85° | 33 | 82 | 33 | 69 | 33 | 44 |
| 90° | 1 | 5 | 1 | 5 | 1 | 2 |
| 95° | 12 | 53 | 12 | 53 | 12 | 13 |
| 105° | 42 | 361 | 42 | 361 | 42 | 44 |
| 115° | 74 | 464 | 74 | 464 | 74 | 73 |
| 125° | 102 | 370 | 102 | 370 | 102 | 91 |
| 135° | 122 | 287 | 122 | 287 | 122 | 95 |
| 145° | 142 | 233 | 142 | 233 | 142 | 89 |
| 155° | 160 | 200 | 160 | 200 | 160 | 74 |
| 165° | 173 | 187 | 173 | 187 | 173 | 49 |
| 175° | 180 | 181 | 180 | 181 | 180 | 17 |
| 180° | 180 | 180 | 180 | 180 | 180 | |



TEST NUMBER: P934151
 CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 |
| 2.5° | 2172.6 | 2172.6 | 2184.9 | 2188.9 | 2188.9 | 2182.8 | 2176.7 | 2182.8 | 2201.2 | 2207.3 | 2205.2 |
| 5° | 2164.5 | 2180.8 | 2203.2 | 2207.3 | 2211.4 | 2209.3 | 2205.2 | 2209.3 | 2229.7 | 2233.8 | 2235.8 |
| 7.5° | 2148.2 | 2178.7 | 2207.3 | 2213.4 | 2219.5 | 2213.4 | 2211.4 | 2215.4 | 2235.8 | 2239.9 | 2239.9 |
| 10° | 2127.8 | 2170.6 | 2203.2 | 2207.3 | 2213.4 | 2207.3 | 2207.3 | 2215.4 | 2235.8 | 2239.9 | 2241.9 |
| 12.5° | 2099.3 | 2158.4 | 2188.9 | 2193.0 | 2201.2 | 2199.1 | 2197.1 | 2205.2 | 2225.6 | 2229.7 | 2229.7 |
| 15° | 2066.7 | 2135.9 | 2164.5 | 2168.6 | 2182.8 | 2178.7 | 2178.7 | 2186.9 | 2209.3 | 2215.4 | 2213.4 |
| 17.5° | 2021.8 | 2107.4 | 2140.0 | 2146.1 | 2156.3 | 2154.3 | 2156.3 | 2164.5 | 2184.9 | 2188.9 | 2191.0 |
| 20° | 1970.9 | 2068.7 | 2107.4 | 2113.5 | 2123.7 | 2123.7 | 2123.7 | 2133.9 | 2154.3 | 2162.4 | 2162.4 |
| 22.5° | 1901.6 | 2027.9 | 2068.7 | 2072.8 | 2085.0 | 2085.0 | 2089.1 | 2103.3 | 2121.7 | 2123.7 | 2123.7 |
| 25° | 1820.0 | 1983.1 | 2017.7 | 2030.0 | 2042.2 | 2048.3 | 2054.4 | 2062.6 | 2068.7 | 2066.7 | 2068.7 |
| 27.5° | 1734.4 | 1926.0 | 1970.9 | 1979.0 | 1995.3 | 2001.4 | 2009.6 | 2011.6 | 2013.7 | 2019.8 | 2015.7 |
| 30° | 1638.6 | 1846.5 | 1913.8 | 1921.9 | 1948.4 | 1952.5 | 1944.4 | 1948.4 | 1958.6 | 1962.7 | 1966.8 |
| 32.5° | 1530.6 | 1728.3 | 1854.7 | 1873.0 | 1897.5 | 1885.3 | 1883.2 | 1889.3 | 1905.6 | 1905.6 | 1909.7 |
| 35° | 1383.9 | 1636.6 | 1799.7 | 1816.0 | 1834.3 | 1820.0 | 1828.2 | 1830.2 | 1840.4 | 1846.5 | 1844.5 |
| 37.5° | 1222.9 | 1557.1 | 1742.6 | 1754.8 | 1769.1 | 1750.7 | 1763.0 | 1769.1 | 1777.2 | 1773.2 | 1773.2 |
| 40° | 1080.2 | 1432.8 | 1675.3 | 1683.5 | 1695.7 | 1681.4 | 1693.7 | 1697.8 | 1701.8 | 1697.8 | 1695.7 |
| 42.5° | 974.2 | 1296.2 | 1604.0 | 1614.2 | 1606.0 | 1616.2 | 1620.3 | 1628.5 | 1622.3 | 1614.2 | 1614.2 |
| 45° | 892.7 | 1259.6 | 1526.5 | 1538.8 | 1526.5 | 1542.9 | 1549.0 | 1549.0 | 1530.6 | 1526.5 | 1524.5 |
| 47.5° | 866.2 | 1186.2 | 1449.1 | 1449.1 | 1443.0 | 1463.4 | 1473.6 | 1459.3 | 1440.9 | 1434.8 | 1434.8 |
| 50° | 864.2 | 1104.7 | 1343.1 | 1335.0 | 1363.5 | 1388.0 | 1377.8 | 1363.5 | 1349.2 | 1326.8 | 1326.8 |
| 52.5° | 784.7 | 1004.8 | 1206.6 | 1237.1 | 1282.0 | 1296.2 | 1279.9 | 1265.7 | 1241.2 | 1231.0 | 1222.9 |
| 55° | 727.6 | 900.8 | 1082.2 | 1143.4 | 1190.3 | 1208.6 | 1178.0 | 1163.8 | 1127.1 | 1121.0 | 1116.9 |
| 57.5° | 715.4 | 750.0 | 968.1 | 1045.6 | 1102.6 | 1100.6 | 1082.2 | 1055.7 | 1025.2 | 1019.1 | 1017.0 |
| 60° | 656.3 | 542.1 | 845.8 | 937.5 | 996.6 | 990.5 | 974.2 | 949.8 | 921.2 | 917.2 | 913.1 |
| 62.5° | 595.1 | 393.4 | 707.2 | 811.2 | 894.7 | 892.7 | 878.4 | 841.7 | 821.4 | 811.2 | 803.0 |
| 65° | 505.5 | 330.2 | 503.4 | 674.6 | 794.9 | 798.9 | 768.4 | 741.9 | 719.5 | 707.2 | 705.2 |
| 67.5° | 385.2 | 269.0 | 340.4 | 562.5 | 699.1 | 695.0 | 656.3 | 644.0 | 615.5 | 609.4 | 597.2 |
| 70° | 285.3 | 179.4 | 236.4 | 456.5 | 605.3 | 595.1 | 564.6 | 550.3 | 523.8 | 509.5 | 501.4 |
| 72.5° | 236.4 | 144.7 | 173.2 | 354.6 | 509.5 | 497.3 | 470.8 | 454.5 | 432.1 | 419.9 | 411.7 |
| 75° | 191.6 | 152.9 | 132.5 | 262.9 | 413.7 | 405.6 | 381.1 | 364.8 | 346.5 | 330.2 | 332.2 |
| 77.5° | 140.6 | 142.7 | 106.0 | 193.6 | 328.1 | 315.9 | 301.6 | 281.3 | 273.1 | 256.8 | 256.8 |
| 80° | 106.0 | 112.1 | 79.5 | 132.5 | 236.4 | 236.4 | 224.2 | 209.9 | 195.7 | 187.5 | 187.5 |
| 82.5° | 71.3 | 71.3 | 59.1 | 83.6 | 161.0 | 154.9 | 146.7 | 142.7 | 134.5 | 130.4 | 130.4 |
| 85° | 32.6 | 40.8 | 36.7 | 51.0 | 87.6 | 91.7 | 91.7 | 87.6 | 85.6 | 81.5 | 83.6 |
| 87.5° | 10.2 | 18.3 | 22.4 | 28.5 | 44.8 | 46.9 | 48.9 | 48.9 | 48.9 | 51.0 | 51.0 |
| 90° | 1.2 | 2.2 | 3.1 | 3.4 | 5.3 | 7.9 | 9.2 | 8.1 | 6.1 | 4.6 | 4.6 |
| 92.5° | 4.8 | 13.0 | 21.2 | 23.3 | 32.8 | 45.4 | 51.6 | 45.2 | 32.4 | 22.9 | 22.0 |
| 95° | 11.6 | 26.6 | 41.6 | 45.4 | 80.5 | 127.4 | 150.9 | 134.7 | 102.1 | 77.8 | 75.1 |
| 97.5° | 20.0 | 33.2 | 46.5 | 49.8 | 108.5 | 186.7 | 225.8 | 215.5 | 195.0 | 179.6 | 174.4 |
| 100° | 26.6 | 38.5 | 50.6 | 53.6 | 118.7 | 205.5 | 248.8 | 249.6 | 251.1 | 252.2 | 246.0 |
| 102.5° | 32.1 | 43.4 | 54.5 | 57.3 | 123.3 | 211.3 | 255.4 | 268.4 | 294.6 | 314.3 | 308.9 |
| 105° | 41.5 | 51.0 | 60.5 | 62.9 | 126.8 | 212.0 | 254.6 | 283.9 | 342.6 | 386.6 | 383.8 |
| 107.5° | 51.2 | 60.0 | 68.8 | 71.1 | 127.4 | 202.6 | 240.2 | 281.1 | 363.0 | 424.3 | 425.0 |
| 110° | 57.7 | 65.7 | 73.6 | 75.6 | 126.5 | 194.2 | 228.1 | 273.9 | 365.4 | 433.9 | 436.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 64.1 | 71.7 | 79.3 | 81.2 | 126.5 | 186.9 | 217.1 | 263.9 | 357.6 | 427.8 | 432.3 |
| 115° | 73.7 | 80.8 | 87.8 | 89.5 | 127.7 | 178.5 | 204.0 | 249.1 | 339.3 | 406.9 | 413.3 |
| 117.5° | 83.3 | 89.6 | 96.0 | 97.6 | 130.0 | 173.3 | 195.0 | 235.7 | 317.0 | 378.1 | 385.1 |
| 120° | 88.8 | 94.8 | 100.8 | 102.3 | 132.0 | 171.6 | 191.4 | 228.5 | 302.9 | 358.7 | 365.6 |
| 122.5° | 94.2 | 100.3 | 106.3 | 107.8 | 134.7 | 170.6 | 188.5 | 222.0 | 289.0 | 339.3 | 346.1 |
| 125° | 102.5 | 108.1 | 113.6 | 115.0 | 138.5 | 169.9 | 185.6 | 214.0 | 270.9 | 313.6 | 319.8 |
| 127.5° | 109.3 | 114.8 | 120.4 | 121.8 | 142.2 | 169.4 | 183.0 | 207.4 | 256.3 | 292.9 | 298.2 |
| 130° | 112.9 | 118.9 | 124.9 | 126.4 | 144.9 | 169.7 | 182.0 | 203.8 | 247.2 | 279.8 | 284.7 |
| 132.5° | 116.7 | 122.7 | 128.6 | 130.2 | 147.2 | 169.9 | 181.2 | 200.7 | 239.6 | 268.8 | 273.1 |
| 135° | 122.2 | 127.7 | 133.1 | 134.5 | 149.6 | 169.8 | 179.8 | 196.1 | 228.7 | 253.1 | 256.9 |
| 137.5° | 127.9 | 133.3 | 138.7 | 140.0 | 153.2 | 170.8 | 179.6 | 193.4 | 220.9 | 241.5 | 244.6 |
| 140° | 132.6 | 137.6 | 142.5 | 143.8 | 155.5 | 171.0 | 178.7 | 190.6 | 214.4 | 232.2 | 235.1 |
| 142.5° | 136.2 | 140.8 | 145.4 | 146.5 | 157.2 | 171.5 | 178.7 | 189.1 | 210.1 | 225.7 | 228.2 |
| 145° | 141.7 | 145.7 | 149.8 | 150.8 | 159.7 | 171.5 | 177.5 | 186.0 | 203.1 | 215.9 | 217.8 |
| 147.5° | 147.3 | 151.2 | 155.1 | 156.1 | 163.2 | 172.7 | 177.5 | 184.2 | 197.6 | 207.7 | 209.3 |
| 150° | 150.9 | 154.4 | 158.0 | 158.9 | 165.1 | 173.4 | 177.5 | 183.2 | 194.5 | 203.0 | 204.3 |
| 152.5° | 154.7 | 157.3 | 160.0 | 160.7 | 166.3 | 173.8 | 177.5 | 182.3 | 192.0 | 199.3 | 200.3 |
| 155° | 160.2 | 162.2 | 164.2 | 164.7 | 169.0 | 174.7 | 177.5 | 181.3 | 189.0 | 194.8 | 195.5 |
| 157.5° | 164.3 | 166.2 | 168.1 | 168.6 | 171.6 | 175.5 | 177.5 | 180.4 | 186.5 | 191.0 | 191.4 |
| 160° | 167.1 | 168.6 | 170.1 | 170.5 | 172.8 | 175.9 | 177.5 | 180.0 | 185.2 | 189.0 | 189.3 |
| 162.5° | 169.8 | 171.0 | 172.1 | 172.4 | 174.1 | 176.3 | 177.5 | 179.6 | 184.0 | 187.3 | 187.5 |
| 165° | 172.9 | 173.8 | 174.9 | 175.1 | 175.9 | 177.0 | 177.5 | 179.0 | 182.1 | 184.4 | 184.7 |
| 167.5° | 175.6 | 176.1 | 176.6 | 176.7 | 177.4 | 178.3 | 178.7 | 179.7 | 181.7 | 183.2 | 183.3 |
| 170° | 177.5 | 177.9 | 178.4 | 178.5 | 178.6 | 178.7 | 178.7 | 179.7 | 181.7 | 183.2 | 183.2 |
| 172.5° | 178.4 | 178.5 | 178.7 | 178.7 | 178.7 | 178.7 | 178.7 | 179.5 | 181.1 | 182.3 | 182.2 |
| 175° | 179.8 | 179.8 | 179.8 | 179.8 | 179.4 | 178.9 | 178.7 | 179.1 | 180.2 | 181.0 | 181.0 |
| 177.5° | 179.8 | 179.8 | 179.8 | 179.8 | 179.5 | 179.1 | 178.9 | 179.3 | 180.1 | 180.8 | 180.7 |
| 180° | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 |



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CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 |
| 2.5° | 2209.3 | 2203.2 | 2209.3 | 2205.2 | 2207.3 | 2201.2 | 2182.8 | 2176.7 | 2182.8 | 2188.9 | 2188.9 |
| 5° | 2235.8 | 2231.7 | 2235.8 | 2235.8 | 2233.8 | 2229.7 | 2209.3 | 2205.2 | 2209.3 | 2211.4 | 2207.3 |
| 7.5° | 2244.0 | 2237.9 | 2244.0 | 2239.9 | 2239.9 | 2235.8 | 2215.4 | 2211.4 | 2213.4 | 2219.5 | 2213.4 |
| 10° | 2244.0 | 2237.9 | 2244.0 | 2241.9 | 2239.9 | 2235.8 | 2215.4 | 2207.3 | 2207.3 | 2213.4 | 2207.3 |
| 12.5° | 2233.8 | 2229.7 | 2233.8 | 2229.7 | 2229.7 | 2225.6 | 2205.2 | 2197.1 | 2199.1 | 2201.2 | 2193.0 |
| 15° | 2217.5 | 2211.4 | 2217.5 | 2213.4 | 2215.4 | 2209.3 | 2186.9 | 2178.7 | 2178.7 | 2182.8 | 2168.6 |
| 17.5° | 2193.0 | 2184.9 | 2193.0 | 2191.0 | 2188.9 | 2184.9 | 2164.5 | 2156.3 | 2154.3 | 2156.3 | 2146.1 |
| 20° | 2164.5 | 2158.4 | 2164.5 | 2162.4 | 2162.4 | 2154.3 | 2133.9 | 2123.7 | 2123.7 | 2123.7 | 2113.5 |
| 22.5° | 2119.6 | 2113.5 | 2119.6 | 2123.7 | 2123.7 | 2121.7 | 2103.3 | 2089.1 | 2085.0 | 2085.0 | 2072.8 |
| 25° | 2068.7 | 2062.6 | 2068.7 | 2068.7 | 2066.7 | 2068.7 | 2062.6 | 2054.4 | 2048.3 | 2042.2 | 2030.0 |
| 27.5° | 2019.8 | 2015.7 | 2019.8 | 2015.7 | 2019.8 | 2013.7 | 2011.6 | 2009.6 | 2001.4 | 1995.3 | 1979.0 |
| 30° | 1970.9 | 1966.8 | 1970.9 | 1966.8 | 1962.7 | 1958.6 | 1948.4 | 1944.4 | 1952.5 | 1948.4 | 1921.9 |
| 32.5° | 1909.7 | 1905.6 | 1909.7 | 1909.7 | 1905.6 | 1905.6 | 1889.3 | 1883.2 | 1885.3 | 1897.5 | 1873.0 |
| 35° | 1846.5 | 1840.4 | 1846.5 | 1844.5 | 1846.5 | 1840.4 | 1830.2 | 1828.2 | 1820.0 | 1834.3 | 1816.0 |
| 37.5° | 1773.2 | 1767.0 | 1773.2 | 1773.2 | 1773.2 | 1777.2 | 1769.1 | 1763.0 | 1750.7 | 1769.1 | 1754.8 |
| 40° | 1697.8 | 1689.6 | 1697.8 | 1695.7 | 1697.8 | 1701.8 | 1697.8 | 1693.7 | 1681.4 | 1695.7 | 1683.5 |
| 42.5° | 1612.2 | 1610.1 | 1612.2 | 1614.2 | 1614.2 | 1622.3 | 1628.5 | 1620.3 | 1616.2 | 1606.0 | 1614.2 |
| 45° | 1520.4 | 1516.4 | 1520.4 | 1524.5 | 1526.5 | 1530.6 | 1549.0 | 1549.0 | 1542.9 | 1526.5 | 1538.8 |
| 47.5° | 1422.6 | 1412.4 | 1422.6 | 1434.8 | 1434.8 | 1440.9 | 1459.3 | 1473.6 | 1463.4 | 1443.0 | 1449.1 |
| 50° | 1318.7 | 1320.7 | 1318.7 | 1326.8 | 1326.8 | 1349.2 | 1363.5 | 1377.8 | 1388.0 | 1363.5 | 1335.0 |
| 52.5° | 1216.8 | 1214.7 | 1216.8 | 1222.9 | 1231.0 | 1241.2 | 1265.7 | 1279.9 | 1296.2 | 1282.0 | 1237.1 |
| 55° | 1114.8 | 1118.9 | 1114.8 | 1116.9 | 1121.0 | 1127.1 | 1163.8 | 1178.0 | 1208.6 | 1190.3 | 1143.4 |
| 57.5° | 1012.9 | 1006.8 | 1012.9 | 1017.0 | 1019.1 | 1025.2 | 1055.7 | 1082.2 | 1100.6 | 1102.6 | 1045.6 |
| 60° | 894.7 | 886.6 | 894.7 | 913.1 | 917.2 | 921.2 | 949.8 | 974.2 | 990.5 | 996.6 | 937.5 |
| 62.5° | 790.8 | 776.5 | 790.8 | 803.0 | 811.2 | 821.4 | 841.7 | 878.4 | 892.7 | 894.7 | 811.2 |
| 65° | 680.7 | 674.6 | 680.7 | 705.2 | 707.2 | 719.5 | 741.9 | 768.4 | 798.9 | 794.9 | 674.6 |
| 67.5° | 580.9 | 580.9 | 580.9 | 597.2 | 609.4 | 615.5 | 644.0 | 656.3 | 695.0 | 699.1 | 562.5 |
| 70° | 489.1 | 487.1 | 489.1 | 501.4 | 509.5 | 523.8 | 550.3 | 564.6 | 595.1 | 605.3 | 456.5 |
| 72.5° | 401.5 | 399.5 | 401.5 | 411.7 | 419.9 | 432.1 | 454.5 | 470.8 | 497.3 | 509.5 | 354.6 |
| 75° | 324.1 | 320.0 | 324.1 | 332.2 | 330.2 | 346.5 | 364.8 | 381.1 | 405.6 | 413.7 | 262.9 |
| 77.5° | 248.7 | 248.7 | 248.7 | 256.8 | 256.8 | 273.1 | 281.3 | 301.6 | 315.9 | 328.1 | 193.6 |
| 80° | 185.5 | 183.4 | 185.5 | 187.5 | 187.5 | 195.7 | 209.9 | 224.2 | 236.4 | 236.4 | 132.5 |
| 82.5° | 130.4 | 126.4 | 130.4 | 130.4 | 130.4 | 134.5 | 142.7 | 146.7 | 154.9 | 161.0 | 83.6 |
| 85° | 81.5 | 81.5 | 81.5 | 83.6 | 81.5 | 85.6 | 87.6 | 91.7 | 91.7 | 87.6 | 51.0 |
| 87.5° | 53.0 | 51.0 | 53.0 | 51.0 | 51.0 | 48.9 | 48.9 | 48.9 | 46.9 | 44.8 | 28.5 |
| 90° | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 6.1 | 8.1 | 9.2 | 7.9 | 5.3 | 3.4 |
| 92.5° | 18.3 | 14.7 | 18.3 | 22.0 | 22.9 | 32.4 | 45.2 | 51.6 | 45.4 | 32.8 | 23.3 |
| 95° | 64.0 | 53.0 | 64.0 | 75.1 | 77.8 | 102.1 | 134.7 | 150.9 | 127.4 | 80.5 | 45.4 |
| 97.5° | 153.4 | 132.3 | 153.4 | 174.4 | 179.6 | 195.0 | 215.5 | 225.8 | 186.7 | 108.5 | 49.8 |
| 100° | 221.0 | 195.9 | 221.0 | 246.0 | 252.2 | 251.1 | 249.6 | 248.8 | 205.5 | 118.7 | 53.6 |
| 102.5° | 287.5 | 266.0 | 287.5 | 308.9 | 314.3 | 294.6 | 268.4 | 255.4 | 211.3 | 123.3 | 57.3 |
| 105° | 372.3 | 360.7 | 372.3 | 383.8 | 386.6 | 342.6 | 283.9 | 254.6 | 212.0 | 126.8 | 62.9 |
| 107.5° | 427.8 | 430.6 | 427.8 | 425.0 | 424.3 | 363.0 | 281.1 | 240.2 | 202.6 | 127.4 | 71.1 |
| 110° | 449.0 | 461.0 | 449.0 | 436.9 | 433.9 | 365.4 | 273.9 | 228.1 | 194.2 | 126.5 | 75.6 |



TEST NUMBER: P934151

CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 450.8 | 469.3 | 450.8 | 432.3 | 427.8 | 357.6 | 263.9 | 217.1 | 186.9 | 126.5 | 81.2 |
| 115° | 438.8 | 464.5 | 438.8 | 413.3 | 406.9 | 339.3 | 249.1 | 204.0 | 178.5 | 127.7 | 89.5 |
| 117.5° | 413.5 | 441.9 | 413.5 | 385.1 | 378.1 | 317.0 | 235.7 | 195.0 | 173.3 | 130.0 | 97.6 |
| 120° | 393.1 | 420.7 | 393.1 | 365.6 | 358.7 | 302.9 | 228.5 | 191.4 | 171.6 | 132.0 | 102.3 |
| 122.5° | 373.2 | 400.4 | 373.2 | 346.1 | 339.3 | 289.0 | 222.0 | 188.5 | 170.6 | 134.7 | 107.8 |
| 125° | 344.8 | 369.9 | 344.8 | 319.8 | 313.6 | 270.9 | 214.0 | 185.6 | 169.9 | 138.5 | 115.0 |
| 127.5° | 319.4 | 340.5 | 319.4 | 298.2 | 292.9 | 256.3 | 207.4 | 183.0 | 169.4 | 142.2 | 121.8 |
| 130° | 304.3 | 323.8 | 304.3 | 284.7 | 279.8 | 247.2 | 203.8 | 182.0 | 169.7 | 144.9 | 126.4 |
| 132.5° | 290.6 | 308.1 | 290.6 | 273.1 | 268.8 | 239.6 | 200.7 | 181.2 | 169.9 | 147.2 | 130.2 |
| 135° | 271.9 | 287.0 | 271.9 | 256.9 | 253.1 | 228.7 | 196.1 | 179.8 | 169.8 | 149.6 | 134.5 |
| 137.5° | 257.0 | 269.2 | 257.0 | 244.6 | 241.5 | 220.9 | 193.4 | 179.6 | 170.8 | 153.2 | 140.0 |
| 140° | 246.6 | 258.2 | 246.6 | 235.1 | 232.2 | 214.4 | 190.6 | 178.7 | 171.0 | 155.5 | 143.8 |
| 142.5° | 238.1 | 248.0 | 238.1 | 228.2 | 225.7 | 210.1 | 189.1 | 178.7 | 171.5 | 157.2 | 146.5 |
| 145° | 225.3 | 232.9 | 225.3 | 217.8 | 215.9 | 203.1 | 186.0 | 177.5 | 171.5 | 159.7 | 150.8 |
| 147.5° | 215.5 | 221.7 | 215.5 | 209.3 | 207.7 | 197.6 | 184.2 | 177.5 | 172.7 | 163.2 | 156.1 |
| 150° | 209.3 | 214.4 | 209.3 | 204.3 | 203.0 | 194.5 | 183.2 | 177.5 | 173.4 | 165.1 | 158.9 |
| 152.5° | 204.0 | 207.9 | 204.0 | 200.3 | 199.3 | 192.0 | 182.3 | 177.5 | 173.8 | 166.3 | 160.7 |
| 155° | 197.9 | 200.5 | 197.9 | 195.5 | 194.8 | 189.0 | 181.3 | 177.5 | 174.7 | 169.0 | 164.7 |
| 157.5° | 193.2 | 195.0 | 193.2 | 191.4 | 191.0 | 186.5 | 180.4 | 177.5 | 175.5 | 171.6 | 168.6 |
| 160° | 190.3 | 191.4 | 190.3 | 189.3 | 189.0 | 185.2 | 180.0 | 177.5 | 175.9 | 172.8 | 170.5 |
| 162.5° | 188.5 | 189.4 | 188.5 | 187.5 | 187.3 | 184.0 | 179.6 | 177.5 | 176.3 | 174.1 | 172.4 |
| 165° | 185.7 | 186.8 | 185.7 | 184.7 | 184.4 | 182.1 | 179.0 | 177.5 | 177.0 | 175.9 | 175.1 |
| 167.5° | 183.8 | 184.2 | 183.8 | 183.3 | 183.2 | 181.7 | 179.7 | 178.7 | 178.3 | 177.4 | 176.7 |
| 170° | 183.2 | 183.2 | 183.2 | 183.2 | 183.2 | 181.7 | 179.7 | 178.7 | 178.7 | 178.6 | 178.5 |
| 172.5° | 181.8 | 181.5 | 181.8 | 182.2 | 182.3 | 181.1 | 179.5 | 178.7 | 178.7 | 178.7 | 178.7 |
| 175° | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 180.2 | 179.1 | 178.7 | 178.9 | 179.4 | 179.8 |
| 177.5° | 180.2 | 179.8 | 180.2 | 180.7 | 180.8 | 180.1 | 179.3 | 178.9 | 179.1 | 179.5 | 179.8 |
| 180° | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 |



TEST NUMBER: P934151
 CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 |
| 2.5° | 2184.9 | 2172.6 | 2172.6 | 2152.3 | 2144.1 | 2138.0 | 2127.8 | 2097.2 | 2089.1 | 2080.9 | 2093.1 |
| 5° | 2203.2 | 2180.8 | 2164.5 | 2127.8 | 2097.2 | 2085.0 | 2046.3 | 1972.9 | 1924.0 | 1887.3 | 1866.9 |
| 7.5° | 2207.3 | 2178.7 | 2148.2 | 2091.1 | 2017.7 | 1985.1 | 1866.9 | 1732.4 | 1695.7 | 1663.1 | 1642.7 |
| 10° | 2203.2 | 2170.6 | 2127.8 | 2042.2 | 1869.0 | 1811.9 | 1693.7 | 1606.0 | 1583.6 | 1577.5 | 1583.6 |
| 12.5° | 2188.9 | 2158.4 | 2099.3 | 1956.6 | 1714.1 | 1675.3 | 1606.0 | 1555.1 | 1551.0 | 1561.2 | 1616.2 |
| 15° | 2164.5 | 2135.9 | 2066.7 | 1842.5 | 1628.5 | 1599.9 | 1551.0 | 1532.7 | 1555.1 | 1626.4 | 1791.5 |
| 17.5° | 2140.0 | 2107.4 | 2021.8 | 1730.4 | 1563.2 | 1542.9 | 1508.2 | 1544.9 | 1671.3 | 1767.0 | 1822.1 |
| 20° | 2107.4 | 2068.7 | 1970.9 | 1648.8 | 1516.4 | 1498.0 | 1481.7 | 1646.8 | 1742.6 | 1777.2 | 1807.8 |
| 22.5° | 2068.7 | 2027.9 | 1901.6 | 1591.8 | 1467.4 | 1453.2 | 1463.4 | 1703.9 | 1742.6 | 1767.0 | 1793.5 |
| 25° | 2017.7 | 1983.1 | 1820.0 | 1546.9 | 1428.7 | 1412.4 | 1451.1 | 1697.8 | 1720.2 | 1726.3 | 1779.3 |
| 27.5° | 1970.9 | 1926.0 | 1734.4 | 1506.2 | 1381.8 | 1375.7 | 1461.3 | 1671.3 | 1687.6 | 1693.7 | 1750.7 |
| 30° | 1913.8 | 1846.5 | 1638.6 | 1463.4 | 1332.9 | 1330.9 | 1463.4 | 1638.6 | 1634.6 | 1650.9 | 1707.9 |
| 32.5° | 1854.7 | 1728.3 | 1530.6 | 1410.4 | 1286.1 | 1284.0 | 1449.1 | 1589.7 | 1585.7 | 1608.1 | 1650.9 |
| 35° | 1799.7 | 1636.6 | 1383.9 | 1349.2 | 1226.9 | 1229.0 | 1414.5 | 1532.7 | 1534.7 | 1555.1 | 1581.6 |
| 37.5° | 1742.6 | 1557.1 | 1222.9 | 1282.0 | 1169.9 | 1169.9 | 1367.6 | 1479.7 | 1475.6 | 1481.7 | 1518.4 |
| 40° | 1675.3 | 1432.8 | 1080.2 | 1194.3 | 1116.9 | 1110.8 | 1310.5 | 1422.6 | 1408.3 | 1406.3 | 1457.3 |
| 42.5° | 1604.0 | 1296.2 | 974.2 | 1078.2 | 1055.7 | 1047.6 | 1241.2 | 1353.3 | 1326.8 | 1332.9 | 1398.1 |
| 45° | 1526.5 | 1259.6 | 892.7 | 911.0 | 992.6 | 986.4 | 1165.8 | 1273.8 | 1255.5 | 1271.8 | 1339.0 |
| 47.5° | 1449.1 | 1186.2 | 866.2 | 756.1 | 925.3 | 923.3 | 1082.2 | 1196.4 | 1186.2 | 1202.5 | 1273.8 |
| 50° | 1343.1 | 1104.7 | 864.2 | 648.1 | 849.9 | 858.0 | 982.4 | 1121.0 | 1121.0 | 1135.2 | 1210.6 |
| 52.5° | 1206.6 | 1004.8 | 784.7 | 587.0 | 762.3 | 786.7 | 894.7 | 1055.7 | 1059.8 | 1074.1 | 1141.3 |
| 55° | 1082.2 | 900.8 | 727.6 | 540.1 | 658.3 | 711.3 | 809.1 | 988.5 | 996.6 | 1010.9 | 1072.0 |
| 57.5° | 968.1 | 750.0 | 715.4 | 485.1 | 562.5 | 613.5 | 733.7 | 923.3 | 927.3 | 939.6 | 998.7 |
| 60° | 845.8 | 542.1 | 656.3 | 426.0 | 479.0 | 517.7 | 664.4 | 845.8 | 860.1 | 868.2 | 919.2 |
| 62.5° | 707.2 | 393.4 | 595.1 | 385.2 | 438.2 | 446.3 | 607.4 | 772.4 | 790.8 | 796.9 | 827.5 |
| 65° | 503.4 | 330.2 | 505.5 | 350.6 | 395.4 | 397.4 | 546.2 | 697.0 | 713.3 | 723.5 | 746.0 |
| 67.5° | 340.4 | 269.0 | 385.2 | 317.9 | 362.8 | 364.8 | 487.1 | 609.4 | 631.8 | 640.0 | 654.2 |
| 70° | 236.4 | 179.4 | 285.3 | 283.3 | 326.1 | 330.2 | 423.9 | 529.9 | 550.3 | 556.4 | 564.6 |
| 72.5° | 173.2 | 144.7 | 236.4 | 254.8 | 287.4 | 291.5 | 358.7 | 440.2 | 460.6 | 466.7 | 470.8 |
| 75° | 132.5 | 152.9 | 191.6 | 222.2 | 244.6 | 246.6 | 293.5 | 358.7 | 373.0 | 377.1 | 379.1 |
| 77.5° | 106.0 | 142.7 | 140.6 | 179.4 | 199.7 | 195.7 | 230.3 | 277.2 | 289.4 | 289.4 | 289.4 |
| 80° | 79.5 | 112.1 | 106.0 | 128.4 | 146.7 | 142.7 | 165.1 | 197.7 | 201.8 | 205.8 | 203.8 |
| 82.5° | 59.1 | 71.3 | 71.3 | 81.5 | 97.8 | 93.8 | 110.1 | 128.4 | 128.4 | 128.4 | 132.5 |
| 85° | 36.7 | 40.8 | 32.6 | 42.8 | 55.0 | 53.0 | 61.1 | 69.3 | 71.3 | 71.3 | 67.3 |
| 87.5° | 22.4 | 18.3 | 10.2 | 16.3 | 24.5 | 24.5 | 28.5 | 30.6 | 28.5 | 28.5 | 28.5 |
| 90° | 3.1 | 2.2 | 1.2 | 2.2 | 3.1 | 3.4 | 5.3 | 7.9 | 9.2 | 8.1 | 6.1 |
| 92.5° | 21.2 | 13.0 | 4.8 | 13.0 | 21.2 | 23.3 | 32.8 | 45.4 | 51.6 | 45.2 | 32.4 |
| 95° | 41.6 | 26.6 | 11.6 | 26.6 | 41.6 | 45.4 | 80.5 | 127.4 | 150.9 | 134.7 | 102.1 |
| 97.5° | 46.5 | 33.2 | 20.0 | 33.2 | 46.5 | 49.8 | 108.5 | 186.7 | 225.8 | 215.5 | 195.0 |
| 100° | 50.6 | 38.5 | 26.6 | 38.5 | 50.6 | 53.6 | 118.7 | 205.5 | 248.8 | 249.6 | 251.1 |
| 102.5° | 54.5 | 43.4 | 32.1 | 43.4 | 54.5 | 57.3 | 123.3 | 211.3 | 255.4 | 268.4 | 294.6 |
| 105° | 60.5 | 51.0 | 41.5 | 51.0 | 60.5 | 62.9 | 126.8 | 212.0 | 254.6 | 283.9 | 342.6 |
| 107.5° | 68.8 | 60.0 | 51.2 | 60.0 | 68.8 | 71.1 | 127.4 | 202.6 | 240.2 | 281.1 | 363.0 |
| 110° | 73.6 | 65.7 | 57.7 | 65.7 | 73.6 | 75.6 | 126.5 | 194.2 | 228.1 | 273.9 | 365.4 |



TEST NUMBER: P934151

CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 79.3 | 71.7 | 64.1 | 71.7 | 79.3 | 81.2 | 126.5 | 186.9 | 217.1 | 263.9 | 357.6 |
| 115° | 87.8 | 80.8 | 73.7 | 80.8 | 87.8 | 89.5 | 127.7 | 178.5 | 204.0 | 249.1 | 339.3 |
| 117.5° | 96.0 | 89.6 | 83.3 | 89.6 | 96.0 | 97.6 | 130.0 | 173.3 | 195.0 | 235.7 | 317.0 |
| 120° | 100.8 | 94.8 | 88.8 | 94.8 | 100.8 | 102.3 | 132.0 | 171.6 | 191.4 | 228.5 | 302.9 |
| 122.5° | 106.3 | 100.3 | 94.2 | 100.3 | 106.3 | 107.8 | 134.7 | 170.6 | 188.5 | 222.0 | 289.0 |
| 125° | 113.6 | 108.1 | 102.5 | 108.1 | 113.6 | 115.0 | 138.5 | 169.9 | 185.6 | 214.0 | 270.9 |
| 127.5° | 120.4 | 114.8 | 109.3 | 114.8 | 120.4 | 121.8 | 142.2 | 169.4 | 183.0 | 207.4 | 256.3 |
| 130° | 124.9 | 118.9 | 112.9 | 118.9 | 124.9 | 126.4 | 144.9 | 169.7 | 182.0 | 203.8 | 247.2 |
| 132.5° | 128.6 | 122.7 | 116.7 | 122.7 | 128.6 | 130.2 | 147.2 | 169.9 | 181.2 | 200.7 | 239.6 |
| 135° | 133.1 | 127.7 | 122.2 | 127.7 | 133.1 | 134.5 | 149.6 | 169.8 | 179.8 | 196.1 | 228.7 |
| 137.5° | 138.7 | 133.3 | 127.9 | 133.3 | 138.7 | 140.0 | 153.2 | 170.8 | 179.6 | 193.4 | 220.9 |
| 140° | 142.5 | 137.6 | 132.6 | 137.6 | 142.5 | 143.8 | 155.5 | 171.0 | 178.7 | 190.6 | 214.4 |
| 142.5° | 145.4 | 140.8 | 136.2 | 140.8 | 145.4 | 146.5 | 157.2 | 171.5 | 178.7 | 189.1 | 210.1 |
| 145° | 149.8 | 145.7 | 141.7 | 145.7 | 149.8 | 150.8 | 159.7 | 171.5 | 177.5 | 186.0 | 203.1 |
| 147.5° | 155.1 | 151.2 | 147.3 | 151.2 | 155.1 | 156.1 | 163.2 | 172.7 | 177.5 | 184.2 | 197.6 |
| 150° | 158.0 | 154.4 | 150.9 | 154.4 | 158.0 | 158.9 | 165.1 | 173.4 | 177.5 | 183.2 | 194.5 |
| 152.5° | 160.0 | 157.3 | 154.7 | 157.3 | 160.0 | 160.7 | 166.3 | 173.8 | 177.5 | 182.3 | 192.0 |
| 155° | 164.2 | 162.2 | 160.2 | 162.2 | 164.2 | 164.7 | 169.0 | 174.7 | 177.5 | 181.3 | 189.0 |
| 157.5° | 168.1 | 166.2 | 164.3 | 166.2 | 168.1 | 168.6 | 171.6 | 175.5 | 177.5 | 180.4 | 186.5 |
| 160° | 170.1 | 168.6 | 167.1 | 168.6 | 170.1 | 170.5 | 172.8 | 175.9 | 177.5 | 180.0 | 185.2 |
| 162.5° | 172.1 | 171.0 | 169.8 | 171.0 | 172.1 | 172.4 | 174.1 | 176.3 | 177.5 | 179.6 | 184.0 |
| 165° | 174.9 | 173.8 | 172.9 | 173.8 | 174.9 | 175.1 | 175.9 | 177.0 | 177.5 | 179.0 | 182.1 |
| 167.5° | 176.6 | 176.1 | 175.6 | 176.1 | 176.6 | 176.7 | 177.4 | 178.3 | 178.7 | 179.7 | 181.7 |
| 170° | 178.4 | 177.9 | 177.5 | 177.9 | 178.4 | 178.5 | 178.6 | 178.7 | 178.7 | 179.7 | 181.7 |
| 172.5° | 178.7 | 178.5 | 178.4 | 178.5 | 178.7 | 178.7 | 178.7 | 178.7 | 178.7 | 179.5 | 181.1 |
| 175° | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.4 | 178.9 | 178.7 | 179.1 | 180.2 |
| 177.5° | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.5 | 179.1 | 178.9 | 179.3 | 180.1 |
| 180° | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 |



TEST NUMBER: P934151
 CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 |
| 2.5° | 2078.9 | 2072.8 | 2080.9 | 2058.5 | 2080.9 | 2072.8 | 2078.9 | 2093.1 | 2080.9 | 2089.1 | 2097.2 |
| 5° | 1824.1 | 1813.9 | 1781.3 | 1754.8 | 1781.3 | 1813.9 | 1824.1 | 1866.9 | 1887.3 | 1924.0 | 1972.9 |
| 7.5° | 1630.5 | 1622.3 | 1614.2 | 1597.9 | 1614.2 | 1622.3 | 1630.5 | 1642.7 | 1663.1 | 1695.7 | 1732.4 |
| 10° | 1587.7 | 1589.7 | 1602.0 | 1599.9 | 1602.0 | 1589.7 | 1587.7 | 1583.6 | 1577.5 | 1583.6 | 1606.0 |
| 12.5° | 1697.8 | 1716.1 | 1783.4 | 1779.3 | 1783.4 | 1716.1 | 1697.8 | 1616.2 | 1561.2 | 1551.0 | 1555.1 |
| 15° | 1824.1 | 1830.2 | 1844.5 | 1846.5 | 1844.5 | 1830.2 | 1824.1 | 1791.5 | 1626.4 | 1555.1 | 1532.7 |
| 17.5° | 1836.3 | 1838.4 | 1848.6 | 1848.6 | 1848.6 | 1838.4 | 1836.3 | 1822.1 | 1767.0 | 1671.3 | 1544.9 |
| 20° | 1826.2 | 1830.2 | 1850.6 | 1854.7 | 1850.6 | 1830.2 | 1826.2 | 1807.8 | 1777.2 | 1742.6 | 1646.8 |
| 22.5° | 1822.1 | 1830.2 | 1846.5 | 1844.5 | 1846.5 | 1830.2 | 1822.1 | 1793.5 | 1767.0 | 1742.6 | 1703.9 |
| 25° | 1801.7 | 1801.7 | 1803.7 | 1805.8 | 1803.7 | 1801.7 | 1801.7 | 1779.3 | 1726.3 | 1720.2 | 1697.8 |
| 27.5° | 1758.9 | 1763.0 | 1775.2 | 1773.2 | 1775.2 | 1763.0 | 1758.9 | 1750.7 | 1693.7 | 1687.6 | 1671.3 |
| 30° | 1720.2 | 1716.1 | 1705.9 | 1697.8 | 1705.9 | 1716.1 | 1720.2 | 1707.9 | 1650.9 | 1634.6 | 1638.6 |
| 32.5° | 1655.0 | 1644.8 | 1634.6 | 1628.5 | 1634.6 | 1644.8 | 1655.0 | 1650.9 | 1608.1 | 1585.7 | 1589.7 |
| 35° | 1577.5 | 1579.5 | 1577.5 | 1571.4 | 1577.5 | 1579.5 | 1577.5 | 1581.6 | 1555.1 | 1534.7 | 1532.7 |
| 37.5° | 1522.5 | 1526.5 | 1524.5 | 1516.4 | 1524.5 | 1526.5 | 1522.5 | 1518.4 | 1481.7 | 1475.6 | 1479.7 |
| 40° | 1465.4 | 1467.4 | 1465.4 | 1459.3 | 1465.4 | 1467.4 | 1465.4 | 1457.3 | 1406.3 | 1408.3 | 1422.6 |
| 42.5° | 1410.4 | 1408.3 | 1402.2 | 1398.1 | 1402.2 | 1408.3 | 1410.4 | 1398.1 | 1332.9 | 1326.8 | 1353.3 |
| 45° | 1347.2 | 1349.2 | 1337.0 | 1330.9 | 1337.0 | 1349.2 | 1347.2 | 1339.0 | 1271.8 | 1255.5 | 1273.8 |
| 47.5° | 1284.0 | 1284.0 | 1273.8 | 1267.7 | 1273.8 | 1284.0 | 1284.0 | 1273.8 | 1202.5 | 1186.2 | 1196.4 |
| 50° | 1216.8 | 1214.7 | 1200.5 | 1198.4 | 1200.5 | 1214.7 | 1216.8 | 1210.6 | 1135.2 | 1121.0 | 1121.0 |
| 52.5° | 1139.3 | 1139.3 | 1141.3 | 1145.4 | 1141.3 | 1139.3 | 1139.3 | 1141.3 | 1074.1 | 1059.8 | 1055.7 |
| 55° | 1072.0 | 1074.1 | 1088.4 | 1092.4 | 1088.4 | 1074.1 | 1072.0 | 1072.0 | 1010.9 | 996.6 | 988.5 |
| 57.5° | 1002.8 | 1002.8 | 1012.9 | 1012.9 | 1012.9 | 1002.8 | 1002.8 | 998.7 | 939.6 | 927.3 | 923.3 |
| 60° | 923.3 | 927.3 | 935.5 | 933.5 | 935.5 | 927.3 | 923.3 | 919.2 | 868.2 | 860.1 | 845.8 |
| 62.5° | 839.7 | 843.8 | 845.8 | 841.7 | 845.8 | 843.8 | 839.7 | 827.5 | 796.9 | 790.8 | 772.4 |
| 65° | 752.1 | 756.1 | 758.2 | 754.1 | 758.2 | 756.1 | 752.1 | 746.0 | 723.5 | 713.3 | 697.0 |
| 67.5° | 662.4 | 660.3 | 658.3 | 666.5 | 658.3 | 660.3 | 662.4 | 654.2 | 640.0 | 631.8 | 609.4 |
| 70° | 570.7 | 570.7 | 568.6 | 572.7 | 568.6 | 570.7 | 570.7 | 564.6 | 556.4 | 550.3 | 529.9 |
| 72.5° | 472.8 | 470.8 | 479.0 | 472.8 | 479.0 | 470.8 | 472.8 | 470.8 | 466.7 | 460.6 | 440.2 |
| 75° | 377.1 | 381.1 | 377.1 | 383.2 | 377.1 | 381.1 | 377.1 | 379.1 | 377.1 | 373.0 | 358.7 |
| 77.5° | 287.4 | 291.5 | 287.4 | 287.4 | 287.4 | 291.5 | 287.4 | 289.4 | 289.4 | 289.4 | 277.2 |
| 80° | 203.8 | 201.8 | 201.8 | 199.7 | 201.8 | 201.8 | 203.8 | 203.8 | 205.8 | 201.8 | 197.7 |
| 82.5° | 130.4 | 128.4 | 128.4 | 132.5 | 128.4 | 128.4 | 130.4 | 132.5 | 128.4 | 128.4 | 128.4 |
| 85° | 71.3 | 73.4 | 69.3 | 69.3 | 69.3 | 73.4 | 71.3 | 67.3 | 71.3 | 71.3 | 69.3 |
| 87.5° | 26.5 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 | 26.5 | 28.5 | 28.5 | 28.5 | 30.6 |
| 90° | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 6.1 | 8.1 | 9.2 | 7.9 |
| 92.5° | 22.9 | 22.0 | 18.3 | 14.7 | 18.3 | 22.0 | 22.9 | 32.4 | 45.2 | 51.6 | 45.4 |
| 95° | 77.8 | 75.1 | 64.0 | 53.0 | 64.0 | 75.1 | 77.8 | 102.1 | 134.7 | 150.9 | 127.4 |
| 97.5° | 179.6 | 174.4 | 153.4 | 132.3 | 153.4 | 174.4 | 179.6 | 195.0 | 215.5 | 225.8 | 186.7 |
| 100° | 252.2 | 246.0 | 221.0 | 195.9 | 221.0 | 246.0 | 252.2 | 251.1 | 249.6 | 248.8 | 205.5 |
| 102.5° | 314.3 | 308.9 | 287.5 | 266.0 | 287.5 | 308.9 | 314.3 | 294.6 | 268.4 | 255.4 | 211.3 |
| 105° | 386.6 | 383.8 | 372.3 | 360.7 | 372.3 | 383.8 | 386.6 | 342.6 | 283.9 | 254.6 | 212.0 |
| 107.5° | 424.3 | 425.0 | 427.8 | 430.6 | 427.8 | 425.0 | 424.3 | 363.0 | 281.1 | 240.2 | 202.6 |
| 110° | 433.9 | 436.9 | 449.0 | 461.0 | 449.0 | 436.9 | 433.9 | 365.4 | 273.9 | 228.1 | 194.2 |



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CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 112.5° | 427.8 | 432.3 | 450.8 | 469.3 | 450.8 | 432.3 | 427.8 | 357.6 | 263.9 | 217.1 | 186.9 |
| 115° | 406.9 | 413.3 | 438.8 | 464.5 | 438.8 | 413.3 | 406.9 | 339.3 | 249.1 | 204.0 | 178.5 |
| 117.5° | 378.1 | 385.1 | 413.5 | 441.9 | 413.5 | 385.1 | 378.1 | 317.0 | 235.7 | 195.0 | 173.3 |
| 120° | 358.7 | 365.6 | 393.1 | 420.7 | 393.1 | 365.6 | 358.7 | 302.9 | 228.5 | 191.4 | 171.6 |
| 122.5° | 339.3 | 346.1 | 373.2 | 400.4 | 373.2 | 346.1 | 339.3 | 289.0 | 222.0 | 188.5 | 170.6 |
| 125° | 313.6 | 319.8 | 344.8 | 369.9 | 344.8 | 319.8 | 313.6 | 270.9 | 214.0 | 185.6 | 169.9 |
| 127.5° | 292.9 | 298.2 | 319.4 | 340.5 | 319.4 | 298.2 | 292.9 | 256.3 | 207.4 | 183.0 | 169.4 |
| 130° | 279.8 | 284.7 | 304.3 | 323.8 | 304.3 | 284.7 | 279.8 | 247.2 | 203.8 | 182.0 | 169.7 |
| 132.5° | 268.8 | 273.1 | 290.6 | 308.1 | 290.6 | 273.1 | 268.8 | 239.6 | 200.7 | 181.2 | 169.9 |
| 135° | 253.1 | 256.9 | 271.9 | 287.0 | 271.9 | 256.9 | 253.1 | 228.7 | 196.1 | 179.8 | 169.8 |
| 137.5° | 241.5 | 244.6 | 257.0 | 269.2 | 257.0 | 244.6 | 241.5 | 220.9 | 193.4 | 179.6 | 170.8 |
| 140° | 232.2 | 235.1 | 246.6 | 258.2 | 246.6 | 235.1 | 232.2 | 214.4 | 190.6 | 178.7 | 171.0 |
| 142.5° | 225.7 | 228.2 | 238.1 | 248.0 | 238.1 | 228.2 | 225.7 | 210.1 | 189.1 | 178.7 | 171.5 |
| 145° | 215.9 | 217.8 | 225.3 | 232.9 | 225.3 | 217.8 | 215.9 | 203.1 | 186.0 | 177.5 | 171.5 |
| 147.5° | 207.7 | 209.3 | 215.5 | 221.7 | 215.5 | 209.3 | 207.7 | 197.6 | 184.2 | 177.5 | 172.7 |
| 150° | 203.0 | 204.3 | 209.3 | 214.4 | 209.3 | 204.3 | 203.0 | 194.5 | 183.2 | 177.5 | 173.4 |
| 152.5° | 199.3 | 200.3 | 204.0 | 207.9 | 204.0 | 200.3 | 199.3 | 192.0 | 182.3 | 177.5 | 173.8 |
| 155° | 194.8 | 195.5 | 197.9 | 200.5 | 197.9 | 195.5 | 194.8 | 189.0 | 181.3 | 177.5 | 174.7 |
| 157.5° | 191.0 | 191.4 | 193.2 | 195.0 | 193.2 | 191.4 | 191.0 | 186.5 | 180.4 | 177.5 | 175.5 |
| 160° | 189.0 | 189.3 | 190.3 | 191.4 | 190.3 | 189.3 | 189.0 | 185.2 | 180.0 | 177.5 | 175.9 |
| 162.5° | 187.3 | 187.5 | 188.5 | 189.4 | 188.5 | 187.5 | 187.3 | 184.0 | 179.6 | 177.5 | 176.3 |
| 165° | 184.4 | 184.7 | 185.7 | 186.8 | 185.7 | 184.7 | 184.4 | 182.1 | 179.0 | 177.5 | 177.0 |
| 167.5° | 183.2 | 183.3 | 183.8 | 184.2 | 183.8 | 183.3 | 183.2 | 181.7 | 179.7 | 178.7 | 178.3 |
| 170° | 183.2 | 183.2 | 183.2 | 183.2 | 183.2 | 183.2 | 183.2 | 181.7 | 179.7 | 178.7 | 178.7 |
| 172.5° | 182.3 | 182.2 | 181.8 | 181.5 | 181.8 | 182.2 | 182.3 | 181.1 | 179.5 | 178.7 | 178.7 |
| 175° | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 181.0 | 180.2 | 179.1 | 178.7 | 178.9 |
| 177.5° | 180.8 | 180.7 | 180.2 | 179.8 | 180.2 | 180.7 | 180.8 | 180.1 | 179.3 | 178.9 | 179.1 |
| 180° | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 |



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 CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 2154.3 | 2154.3 | 2154.3 | 2154.3 | 2154.3 |
| 2.5° | 2127.8 | 2138.0 | 2144.1 | 2152.3 | 2172.6 |
| 5° | 2046.3 | 2085.0 | 2097.2 | 2127.8 | 2164.5 |
| 7.5° | 1866.9 | 1985.1 | 2017.7 | 2091.1 | 2148.2 |
| 10° | 1693.7 | 1811.9 | 1869.0 | 2042.2 | 2127.8 |
| 12.5° | 1606.0 | 1675.3 | 1714.1 | 1956.6 | 2099.3 |
| 15° | 1551.0 | 1599.9 | 1628.5 | 1842.5 | 2066.7 |
| 17.5° | 1508.2 | 1542.9 | 1563.2 | 1730.4 | 2021.8 |
| 20° | 1481.7 | 1498.0 | 1516.4 | 1648.8 | 1970.9 |
| 22.5° | 1463.4 | 1453.2 | 1467.4 | 1591.8 | 1901.6 |
| 25° | 1451.1 | 1412.4 | 1428.7 | 1546.9 | 1820.0 |
| 27.5° | 1461.3 | 1375.7 | 1381.8 | 1506.2 | 1734.4 |
| 30° | 1463.4 | 1330.9 | 1332.9 | 1463.4 | 1638.6 |
| 32.5° | 1449.1 | 1284.0 | 1286.1 | 1410.4 | 1530.6 |
| 35° | 1414.5 | 1229.0 | 1226.9 | 1349.2 | 1383.9 |
| 37.5° | 1367.6 | 1169.9 | 1169.9 | 1282.0 | 1222.9 |
| 40° | 1310.5 | 1110.8 | 1116.9 | 1194.3 | 1080.2 |
| 42.5° | 1241.2 | 1047.6 | 1055.7 | 1078.2 | 974.2 |
| 45° | 1165.8 | 986.4 | 992.6 | 911.0 | 892.7 |
| 47.5° | 1082.2 | 923.3 | 925.3 | 756.1 | 866.2 |
| 50° | 982.4 | 858.0 | 849.9 | 648.1 | 864.2 |
| 52.5° | 894.7 | 786.7 | 762.3 | 587.0 | 784.7 |
| 55° | 809.1 | 711.3 | 658.3 | 540.1 | 727.6 |
| 57.5° | 733.7 | 613.5 | 562.5 | 485.1 | 715.4 |
| 60° | 664.4 | 517.7 | 479.0 | 426.0 | 656.3 |
| 62.5° | 607.4 | 446.3 | 438.2 | 385.2 | 595.1 |
| 65° | 546.2 | 397.4 | 395.4 | 350.6 | 505.5 |
| 67.5° | 487.1 | 364.8 | 362.8 | 317.9 | 385.2 |
| 70° | 423.9 | 330.2 | 326.1 | 283.3 | 285.3 |
| 72.5° | 358.7 | 291.5 | 287.4 | 254.8 | 236.4 |
| 75° | 293.5 | 246.6 | 244.6 | 222.2 | 191.6 |
| 77.5° | 230.3 | 195.7 | 199.7 | 179.4 | 140.6 |
| 80° | 165.1 | 142.7 | 146.7 | 128.4 | 106.0 |
| 82.5° | 110.1 | 93.8 | 97.8 | 81.5 | 71.3 |
| 85° | 61.1 | 53.0 | 55.0 | 42.8 | 32.6 |
| 87.5° | 28.5 | 24.5 | 24.5 | 16.3 | 10.2 |
| 90° | 5.3 | 3.4 | 3.1 | 2.2 | 1.2 |
| 92.5° | 32.8 | 23.3 | 21.2 | 13.0 | 4.8 |
| 95° | 80.5 | 45.4 | 41.6 | 26.6 | 11.6 |
| 97.5° | 108.5 | 49.8 | 46.5 | 33.2 | 20.0 |
| 100° | 118.7 | 53.6 | 50.6 | 38.5 | 26.6 |
| 102.5° | 123.3 | 57.3 | 54.5 | 43.4 | 32.1 |
| 105° | 126.8 | 62.9 | 60.5 | 51.0 | 41.5 |
| 107.5° | 127.4 | 71.1 | 68.8 | 60.0 | 51.2 |
| 110° | 126.5 | 75.6 | 73.6 | 65.7 | 57.7 |



TEST NUMBER: P934151

CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 126.5 | 81.2 | 79.3 | 71.7 | 64.1 |
| 115° | 127.7 | 89.5 | 87.8 | 80.8 | 73.7 |
| 117.5° | 130.0 | 97.6 | 96.0 | 89.6 | 83.3 |
| 120° | 132.0 | 102.3 | 100.8 | 94.8 | 88.8 |
| 122.5° | 134.7 | 107.8 | 106.3 | 100.3 | 94.2 |
| 125° | 138.5 | 115.0 | 113.6 | 108.1 | 102.5 |
| 127.5° | 142.2 | 121.8 | 120.4 | 114.8 | 109.3 |
| 130° | 144.9 | 126.4 | 124.9 | 118.9 | 112.9 |
| 132.5° | 147.2 | 130.2 | 128.6 | 122.7 | 116.7 |
| 135° | 149.6 | 134.5 | 133.1 | 127.7 | 122.2 |
| 137.5° | 153.2 | 140.0 | 138.7 | 133.3 | 127.9 |
| 140° | 155.5 | 143.8 | 142.5 | 137.6 | 132.6 |
| 142.5° | 157.2 | 146.5 | 145.4 | 140.8 | 136.2 |
| 145° | 159.7 | 150.8 | 149.8 | 145.7 | 141.7 |
| 147.5° | 163.2 | 156.1 | 155.1 | 151.2 | 147.3 |
| 150° | 165.1 | 158.9 | 158.0 | 154.4 | 150.9 |
| 152.5° | 166.3 | 160.7 | 160.0 | 157.3 | 154.7 |
| 155° | 169.0 | 164.7 | 164.2 | 162.2 | 160.2 |
| 157.5° | 171.6 | 168.6 | 168.1 | 166.2 | 164.3 |
| 160° | 172.8 | 170.5 | 170.1 | 168.6 | 167.1 |
| 162.5° | 174.1 | 172.4 | 172.1 | 171.0 | 169.8 |
| 165° | 175.9 | 175.1 | 174.9 | 173.8 | 172.9 |
| 167.5° | 177.4 | 176.7 | 176.6 | 176.1 | 175.6 |
| 170° | 178.6 | 178.5 | 178.4 | 177.9 | 177.5 |
| 172.5° | 178.7 | 178.7 | 178.7 | 178.5 | 178.4 |
| 175° | 179.4 | 179.8 | 179.8 | 179.8 | 179.8 |
| 177.5° | 179.5 | 179.8 | 179.8 | 179.8 | 179.8 |
| 180° | 179.8 | 179.8 | 179.8 | 179.8 | 179.8 |



TEST NUMBER: P934151
 CATALOG NUMBER: SQ4-FA-025U-125D-930-1D-UNV-STD-W-6

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 | 16.41 | 17.67 | 17.03 | 18.30 | 19.01 | 19.23 | 20.49 | 19.85 | 21.12 | 21.83 |
| | 3H | 16.92 | 18.05 | 17.55 | 18.68 | 19.43 | 20.61 | 21.74 | 21.24 | 22.38 | 23.12 |
| | 4H | 17.13 | 18.19 | 17.77 | 18.84 | 19.60 | 21.07 | 22.14 | 21.72 | 22.78 | 23.54 |
| | 6H | 17.27 | 18.25 | 17.93 | 18.91 | 19.69 | 21.37 | 22.36 | 22.03 | 23.02 | 23.79 |
| | 8H | 17.28 | 18.22 | 17.95 | 18.90 | 19.68 | 21.46 | 22.40 | 22.13 | 23.08 | 23.86 |
| | 12H | 17.26 | 18.16 | 17.94 | 18.83 | 19.64 | 21.51 | 22.41 | 22.19 | 23.08 | 23.89 |
| 4H | 2H | 17.49 | 18.56 | 18.14 | 19.20 | 19.97 | 19.69 | 20.76 | 20.34 | 21.41 | 22.17 |
| | 3H | 18.55 | 19.44 | 19.22 | 20.13 | 20.91 | 21.23 | 22.12 | 21.90 | 22.81 | 23.59 |
| | 4H | 18.84 | 19.65 | 19.53 | 20.34 | 21.15 | 21.78 | 22.58 | 22.46 | 23.27 | 24.08 |
| | 6H | 18.99 | 19.69 | 19.69 | 20.41 | 21.23 | 22.16 | 22.86 | 22.86 | 23.58 | 24.40 |
| | 8H | 19.01 | 19.66 | 19.71 | 20.38 | 21.21 | 22.28 | 22.93 | 22.98 | 23.64 | 24.48 |
| | 12H | 18.99 | 19.58 | 19.72 | 20.32 | 21.16 | 22.35 | 22.94 | 23.08 | 23.68 | 24.52 |
| 8H | 4H | 19.33 | 19.98 | 20.03 | 20.70 | 21.53 | 21.93 | 22.59 | 22.64 | 23.30 | 24.13 |
| | 6H | 19.61 | 20.15 | 20.34 | 20.91 | 21.74 | 22.38 | 22.93 | 23.12 | 23.68 | 24.52 |
| | 8H | 19.65 | 20.14 | 20.40 | 20.90 | 21.75 | 22.54 | 23.02 | 23.29 | 23.78 | 24.63 |
| | 12H | 19.66 | 20.08 | 20.41 | 20.83 | 21.74 | 22.65 | 23.08 | 23.40 | 23.83 | 24.74 |
| 12H | 4H | 19.35 | 19.94 | 20.08 | 20.68 | 21.52 | 21.91 | 22.50 | 22.64 | 23.24 | 24.08 |
| | 6H | 19.67 | 20.16 | 20.42 | 20.91 | 21.77 | 22.38 | 22.87 | 23.13 | 23.63 | 24.48 |
| | 8H | 19.76 | 20.18 | 20.51 | 20.93 | 21.84 | 22.56 | 22.99 | 23.31 | 23.74 | 24.65 |