

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: P935361

Luminaire Tested: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935361
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

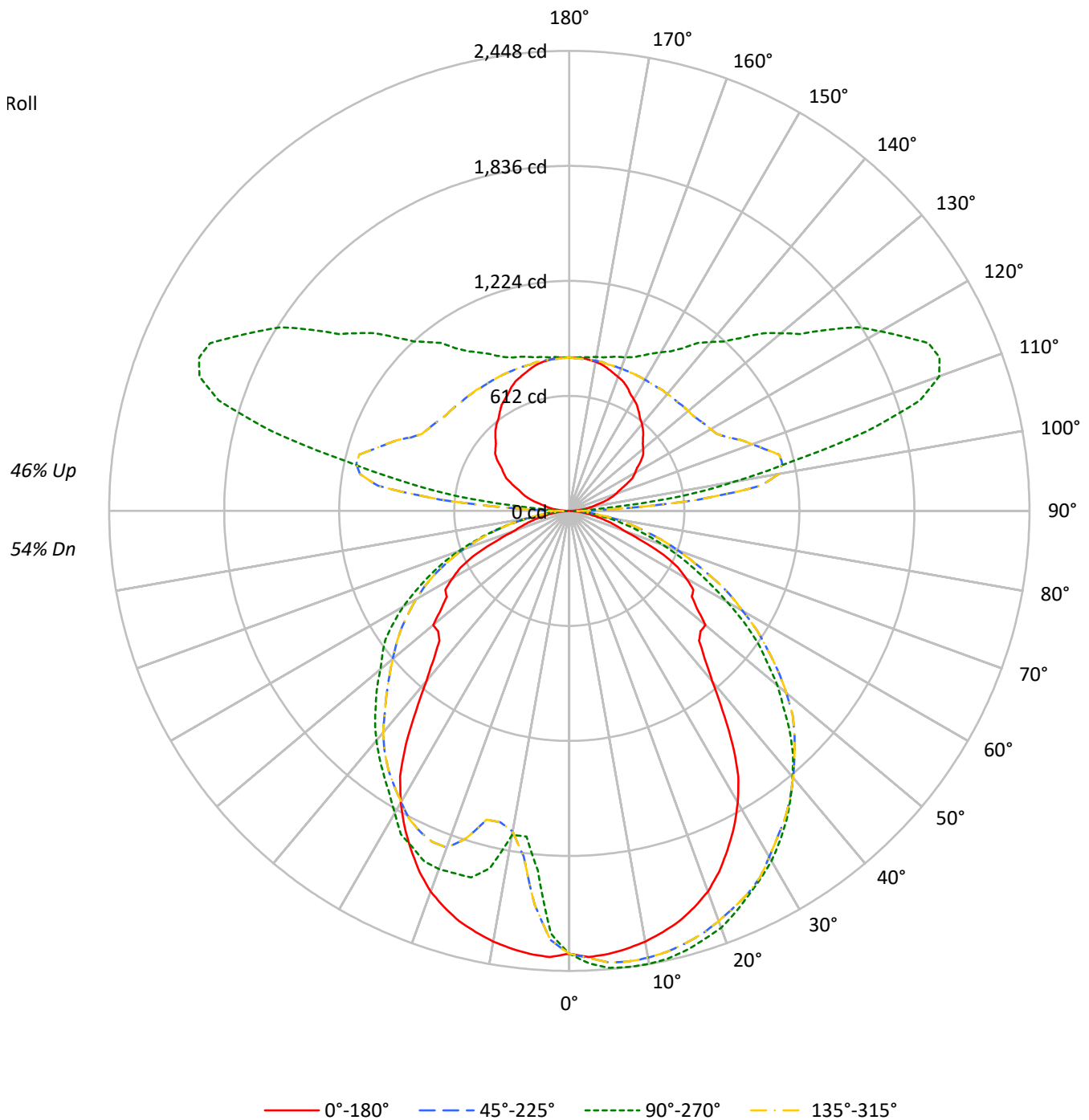
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11405.6 lumens
Efficiency: N/A
Efficacy: 110.5 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: General Diffuse

Input Watts (W): 103.2
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: P935361
CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

Luminous Intensity Polar Plot





TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

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 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 72 | 72 | 72 | 59 | 59 | 59 | 54 |
| 1 | 99 | 94 | 90 | 87 | 91 | 88 | 84 | 81 | 75 | 73 | 70 | 63 | 62 | 60 | 53 | 51 | 50 | 45 |
| 2 | 90 | 82 | 76 | 71 | 83 | 77 | 71 | 67 | 66 | 62 | 58 | 56 | 53 | 50 | 46 | 44 | 42 | 38 |
| 3 | 82 | 72 | 65 | 59 | 76 | 67 | 61 | 56 | 58 | 53 | 49 | 49 | 46 | 42 | 41 | 38 | 36 | 32 |
| 4 | 75 | 64 | 56 | 50 | 69 | 60 | 53 | 47 | 51 | 46 | 42 | 44 | 40 | 36 | 37 | 34 | 31 | 28 |
| 5 | 69 | 57 | 49 | 43 | 64 | 53 | 46 | 41 | 46 | 40 | 36 | 39 | 35 | 31 | 33 | 30 | 27 | 24 |
| 6 | 63 | 51 | 43 | 37 | 59 | 48 | 41 | 35 | 41 | 36 | 31 | 35 | 31 | 28 | 30 | 26 | 24 | 21 |
| 7 | 59 | 46 | 38 | 33 | 54 | 43 | 36 | 31 | 38 | 32 | 28 | 32 | 28 | 24 | 27 | 24 | 21 | 19 |
| 8 | 54 | 42 | 34 | 29 | 50 | 39 | 32 | 27 | 34 | 29 | 24 | 29 | 25 | 22 | 25 | 22 | 19 | 17 |
| 9 | 51 | 38 | 31 | 26 | 47 | 36 | 29 | 24 | 31 | 26 | 22 | 27 | 23 | 19 | 23 | 20 | 17 | 15 |
| 10 | 47 | 35 | 28 | 23 | 44 | 33 | 26 | 22 | 29 | 23 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 14576 | 14576 | 14576 | 14576 |
| 5° | 14680 | 14714 | 14680 | 11570 |
| 10° | 14576 | 14494 | 14576 | 10362 |
| 15° | 14413 | 14181 | 14413 | 11841 |
| 20° | 14106 | 13808 | 14106 | 11865 |
| 25° | 13483 | 13266 | 13483 | 11614 |
| 30° | 12681 | 12815 | 12681 | 11062 |
| 35° | 11299 | 12245 | 11299 | 10455 |
| 40° | 9410 | 11574 | 9410 | 9997 |
| 45° | 8402 | 10790 | 8402 | 9470 |
| 50° | 8919 | 9853 | 8919 | 8941 |
| 55° | 8383 | 8844 | 8383 | 8634 |
| 60° | 8632 | 7511 | 8632 | 7909 |
| 65° | 7814 | 6209 | 7814 | 6941 |
| 70° | 5398 | 4949 | 5398 | 5818 |
| 75° | 4716 | 3658 | 4716 | 4380 |
| 80° | 3772 | 2418 | 3772 | 2632 |
| 85° | 2128 | 1280 | 2128 | 1089 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12886 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 212.7 | 1.9 |
| 10°-20° | 603.9 | 5.3 |
| 20°-30° | 933.5 | 8.2 |
| 30°-40° | 1114.4 | 9.8 |
| 40°-50° | 1121.0 | 9.8 |
| 50°-60° | 975.4 | 8.6 |
| 60°-70° | 691.6 | 6.1 |
| 70°-80° | 365.9 | 3.2 |
| 80°-90° | 94.2 | 0.8 |
| 90°-100° | 398.0 | 3.5 |
| 100°-110° | 1046.4 | 9.2 |
| 110°-120° | 1085.0 | 9.5 |
| 120°-130° | 870.3 | 7.6 |
| 130°-140° | 682.9 | 6.0 |
| 140°-150° | 524.1 | 4.6 |
| 150°-160° | 377.5 | 3.3 |
| 160°-170° | 231.0 | 2.0 |
| 170°-180° | 78.0 | 0.7 |
| 0°-30° | 1750.1 | 15.3 |
| 0°-40° | 2864.6 | 25.1 |
| 0°-60° | 4960.9 | 43.5 |
| 0°-90° | 6112.6 | 53.6 |
| 90°-120° | 2529.3 | 22.2 |
| 90°-150° | 4606.6 | 40.4 |
| 90°-180° | 5293.0 | 46.4 |
| 0°-180° | 11405.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2356 | 2356 | 2356 | 2356 | 2356 | |
| 5° | 2368 | 2441 | 2368 | 1919 | 2368 | 225 |
| 15° | 2260 | 2419 | 2260 | 2020 | 2260 | 636 |
| 25° | 1991 | 2256 | 1991 | 1975 | 1991 | 914 |
| 35° | 1514 | 2013 | 1514 | 1719 | 1514 | 936 |
| 45° | 976 | 1659 | 976 | 1456 | 976 | 782 |
| 55° | 796 | 1224 | 796 | 1195 | 796 | 731 |
| 65° | 553 | 738 | 553 | 825 | 553 | 528 |
| 75° | 210 | 350 | 210 | 419 | 210 | 220 |
| 85° | 36 | 89 | 36 | 76 | 36 | 48 |
| 90° | 5 | 21 | 5 | 21 | 5 | 6 |
| 95° | 53 | 241 | 53 | 241 | 53 | 58 |
| 105° | 188 | 1638 | 188 | 1638 | 188 | 200 |
| 115° | 335 | 2110 | 335 | 2110 | 335 | 331 |
| 125° | 466 | 1680 | 466 | 1680 | 466 | 414 |
| 135° | 555 | 1304 | 555 | 1304 | 555 | 429 |
| 145° | 644 | 1058 | 644 | 1058 | 644 | 403 |
| 155° | 728 | 911 | 728 | 911 | 728 | 334 |
| 165° | 785 | 848 | 785 | 848 | 785 | 222 |
| 175° | 816 | 822 | 816 | 822 | 816 | 78 |
| 180° | 816 | 816 | 816 | 816 | 816 | |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 |
| 2.5° | 2376.3 | 2376.3 | 2389.8 | 2394.2 | 2394.2 | 2387.5 | 2380.8 | 2387.5 | 2407.6 | 2414.3 | 2412.0 |
| 5° | 2367.5 | 2385.3 | 2409.8 | 2414.3 | 2418.8 | 2416.5 | 2412.0 | 2416.5 | 2438.8 | 2443.3 | 2445.5 |
| 7.5° | 2349.6 | 2383.0 | 2414.3 | 2420.9 | 2427.6 | 2420.9 | 2418.8 | 2423.1 | 2445.5 | 2449.9 | 2449.9 |
| 10° | 2327.3 | 2374.1 | 2409.8 | 2414.3 | 2420.9 | 2414.3 | 2414.3 | 2423.1 | 2445.5 | 2449.9 | 2452.1 |
| 12.5° | 2296.1 | 2360.8 | 2394.2 | 2398.6 | 2407.6 | 2405.3 | 2403.1 | 2412.0 | 2434.3 | 2438.8 | 2438.8 |
| 15° | 2260.5 | 2336.2 | 2367.5 | 2371.9 | 2387.5 | 2383.0 | 2383.0 | 2392.0 | 2416.5 | 2423.1 | 2420.9 |
| 17.5° | 2211.4 | 2305.0 | 2340.7 | 2347.3 | 2358.5 | 2356.3 | 2358.5 | 2367.5 | 2389.8 | 2394.2 | 2396.4 |
| 20° | 2155.7 | 2262.7 | 2305.0 | 2311.7 | 2322.8 | 2322.8 | 2322.8 | 2334.0 | 2356.3 | 2365.2 | 2365.2 |
| 22.5° | 2079.9 | 2218.1 | 2262.7 | 2267.2 | 2280.5 | 2280.5 | 2285.0 | 2300.5 | 2320.6 | 2322.8 | 2322.8 |
| 25° | 1990.7 | 2169.1 | 2206.9 | 2220.3 | 2233.7 | 2240.4 | 2247.0 | 2256.0 | 2262.7 | 2260.5 | 2262.7 |
| 27.5° | 1897.0 | 2106.6 | 2155.7 | 2164.6 | 2182.4 | 2189.1 | 2198.0 | 2200.2 | 2202.5 | 2209.2 | 2204.7 |
| 30° | 1792.3 | 2019.7 | 2093.3 | 2102.1 | 2131.1 | 2135.6 | 2126.7 | 2131.1 | 2142.3 | 2146.7 | 2151.2 |
| 32.5° | 1674.1 | 1890.4 | 2028.6 | 2048.6 | 2075.4 | 2062.1 | 2059.8 | 2066.5 | 2084.3 | 2084.3 | 2088.8 |
| 35° | 1513.7 | 1790.1 | 1968.4 | 1986.3 | 2006.3 | 1990.7 | 1999.6 | 2001.8 | 2013.0 | 2019.7 | 2017.5 |
| 37.5° | 1337.6 | 1703.1 | 1906.0 | 1919.4 | 1935.0 | 1914.9 | 1928.3 | 1935.0 | 1943.9 | 1939.5 | 1939.5 |
| 40° | 1181.5 | 1567.2 | 1832.4 | 1841.4 | 1854.7 | 1839.1 | 1852.5 | 1857.0 | 1861.4 | 1857.0 | 1854.7 |
| 42.5° | 1065.6 | 1417.8 | 1754.4 | 1765.6 | 1756.6 | 1767.8 | 1772.2 | 1781.2 | 1774.4 | 1765.6 | 1765.6 |
| 45° | 976.4 | 1377.7 | 1669.7 | 1683.1 | 1669.7 | 1687.6 | 1694.2 | 1694.2 | 1674.1 | 1669.7 | 1667.5 |
| 47.5° | 947.4 | 1297.4 | 1585.0 | 1585.0 | 1578.3 | 1600.6 | 1611.8 | 1596.1 | 1576.0 | 1569.3 | 1569.3 |
| 50° | 945.2 | 1208.3 | 1469.0 | 1460.2 | 1491.4 | 1518.1 | 1507.0 | 1491.4 | 1475.7 | 1451.2 | 1451.2 |
| 52.5° | 858.3 | 1099.0 | 1319.7 | 1353.1 | 1402.2 | 1417.8 | 1399.9 | 1384.4 | 1357.6 | 1346.4 | 1337.6 |
| 55° | 795.8 | 985.3 | 1183.7 | 1250.6 | 1301.9 | 1321.9 | 1288.5 | 1272.9 | 1232.8 | 1226.1 | 1221.6 |
| 57.5° | 782.5 | 820.3 | 1058.9 | 1143.6 | 1206.0 | 1203.8 | 1183.7 | 1154.7 | 1121.3 | 1114.7 | 1112.4 |
| 60° | 717.8 | 592.9 | 925.1 | 1025.4 | 1090.1 | 1083.4 | 1065.6 | 1038.9 | 1007.6 | 1003.2 | 998.7 |
| 62.5° | 650.9 | 430.3 | 773.5 | 887.3 | 978.6 | 976.4 | 960.8 | 920.6 | 898.4 | 887.3 | 878.3 |
| 65° | 552.9 | 361.2 | 550.6 | 737.9 | 869.4 | 873.8 | 840.4 | 811.5 | 787.0 | 773.5 | 771.3 |
| 67.5° | 421.3 | 294.2 | 372.3 | 615.2 | 764.6 | 760.2 | 717.8 | 704.4 | 673.2 | 666.5 | 653.2 |
| 70° | 312.1 | 196.2 | 258.6 | 499.3 | 662.1 | 650.9 | 617.5 | 601.9 | 572.9 | 557.3 | 548.4 |
| 72.5° | 258.6 | 158.3 | 189.4 | 387.9 | 557.3 | 543.9 | 514.9 | 497.1 | 472.6 | 459.3 | 450.3 |
| 75° | 209.6 | 167.2 | 144.9 | 287.6 | 452.5 | 443.6 | 416.8 | 399.0 | 379.0 | 361.2 | 363.4 |
| 77.5° | 153.8 | 156.1 | 115.9 | 211.8 | 358.9 | 345.5 | 329.9 | 307.7 | 298.7 | 280.9 | 280.9 |
| 80° | 115.9 | 122.6 | 87.0 | 144.9 | 258.6 | 258.6 | 245.2 | 229.6 | 214.0 | 205.1 | 205.1 |
| 82.5° | 78.0 | 78.0 | 64.6 | 91.4 | 176.1 | 169.4 | 160.5 | 156.1 | 147.1 | 142.6 | 142.6 |
| 85° | 35.7 | 44.6 | 40.1 | 55.8 | 95.8 | 100.3 | 100.3 | 95.8 | 93.6 | 89.1 | 91.4 |
| 87.5° | 11.2 | 20.0 | 24.5 | 31.2 | 49.0 | 51.3 | 53.5 | 53.5 | 53.5 | 55.8 | 55.8 |
| 90° | 5.4 | 9.8 | 14.2 | 15.4 | 24.2 | 35.8 | 41.6 | 37.0 | 27.8 | 20.8 | 20.8 |
| 92.5° | 22.0 | 59.2 | 96.4 | 105.7 | 148.7 | 205.9 | 234.5 | 205.5 | 147.6 | 104.1 | 100.0 |
| 95° | 52.6 | 120.8 | 189.0 | 206.0 | 365.9 | 579.0 | 685.5 | 611.7 | 464.1 | 353.4 | 340.9 |
| 97.5° | 91.0 | 151.2 | 211.3 | 226.3 | 492.8 | 848.2 | 1025.9 | 979.2 | 885.9 | 815.9 | 792.1 |
| 100° | 120.6 | 175.1 | 229.7 | 243.3 | 539.0 | 933.3 | 1130.5 | 1133.9 | 1140.7 | 1145.8 | 1117.4 |
| 102.5° | 145.8 | 196.7 | 247.6 | 260.3 | 560.3 | 960.2 | 1160.1 | 1219.5 | 1338.4 | 1427.5 | 1403.2 |
| 105° | 188.5 | 231.6 | 274.7 | 285.5 | 576.0 | 963.2 | 1156.8 | 1290.0 | 1556.4 | 1756.3 | 1743.2 |
| 107.5° | 232.3 | 272.5 | 312.8 | 322.8 | 578.9 | 920.3 | 1091.0 | 1276.9 | 1648.5 | 1927.3 | 1930.4 |
| 110° | 261.9 | 298.2 | 334.5 | 343.6 | 574.5 | 882.3 | 1036.2 | 1243.9 | 1659.5 | 1971.1 | 1984.7 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 291.0 | 325.6 | 360.2 | 368.8 | 574.7 | 849.1 | 986.3 | 1199.0 | 1624.2 | 1943.2 | 1964.1 |
| 115° | 334.8 | 366.7 | 398.6 | 406.6 | 579.9 | 811.0 | 926.6 | 1131.4 | 1541.2 | 1848.4 | 1877.5 |
| 117.5° | 378.1 | 407.1 | 436.1 | 443.3 | 590.7 | 787.2 | 885.5 | 1070.4 | 1440.1 | 1717.3 | 1749.6 |
| 120° | 403.3 | 430.6 | 457.9 | 464.7 | 599.5 | 779.2 | 869.1 | 1038.0 | 1375.8 | 1629.2 | 1660.4 |
| 122.5° | 428.0 | 455.5 | 483.1 | 489.9 | 612.1 | 775.0 | 856.5 | 1008.6 | 1312.8 | 1540.9 | 1571.8 |
| 125° | 465.8 | 490.9 | 516.0 | 522.2 | 629.1 | 771.6 | 842.8 | 972.0 | 1230.4 | 1424.3 | 1452.7 |
| 127.5° | 496.5 | 521.8 | 547.2 | 553.5 | 646.1 | 769.6 | 831.3 | 942.2 | 1164.1 | 1330.5 | 1354.5 |
| 130° | 512.9 | 540.2 | 567.5 | 574.3 | 658.6 | 770.8 | 826.9 | 925.6 | 1123.2 | 1271.3 | 1293.5 |
| 132.5° | 529.9 | 557.2 | 584.4 | 591.3 | 668.6 | 771.6 | 823.1 | 911.5 | 1088.3 | 1220.9 | 1240.8 |
| 135° | 555.1 | 579.9 | 604.8 | 611.0 | 679.5 | 770.8 | 816.5 | 890.5 | 1038.6 | 1149.7 | 1166.8 |
| 137.5° | 580.8 | 605.4 | 630.1 | 636.2 | 696.0 | 775.6 | 815.4 | 878.0 | 1003.2 | 1097.1 | 1111.1 |
| 140° | 602.3 | 624.9 | 647.6 | 653.2 | 706.0 | 776.3 | 811.6 | 865.7 | 973.8 | 1054.8 | 1067.9 |
| 142.5° | 618.7 | 639.7 | 660.6 | 665.8 | 714.4 | 779.1 | 811.6 | 859.1 | 954.0 | 1025.2 | 1036.5 |
| 145° | 643.9 | 662.2 | 680.4 | 685.0 | 725.4 | 779.2 | 806.1 | 844.9 | 922.7 | 980.9 | 989.4 |
| 147.5° | 669.1 | 686.8 | 704.6 | 709.1 | 741.4 | 784.5 | 806.1 | 836.7 | 897.8 | 943.6 | 950.7 |
| 150° | 685.5 | 701.6 | 717.7 | 721.7 | 749.8 | 787.3 | 806.1 | 831.9 | 883.5 | 922.2 | 927.9 |
| 152.5° | 702.6 | 714.8 | 726.9 | 730.0 | 755.3 | 789.2 | 806.1 | 828.2 | 872.2 | 905.3 | 909.6 |
| 155° | 727.8 | 736.7 | 745.7 | 748.0 | 767.4 | 793.2 | 806.1 | 823.7 | 858.7 | 885.0 | 887.9 |
| 157.5° | 746.4 | 755.2 | 763.9 | 766.1 | 779.4 | 797.2 | 806.1 | 819.7 | 847.0 | 867.5 | 869.5 |
| 160° | 758.9 | 765.8 | 772.6 | 774.3 | 784.9 | 799.1 | 806.1 | 817.8 | 841.1 | 858.7 | 859.9 |
| 162.5° | 771.6 | 776.7 | 781.8 | 783.1 | 790.7 | 801.0 | 806.1 | 815.9 | 835.7 | 850.5 | 851.5 |
| 165° | 785.3 | 789.9 | 794.5 | 795.7 | 799.2 | 803.8 | 806.1 | 813.1 | 827.3 | 837.9 | 839.0 |
| 167.5° | 797.8 | 800.0 | 802.2 | 802.8 | 805.7 | 809.6 | 811.6 | 816.2 | 825.4 | 832.4 | 832.9 |
| 170° | 806.1 | 808.3 | 810.5 | 811.0 | 811.2 | 811.5 | 811.6 | 816.2 | 825.4 | 832.4 | 832.4 |
| 172.5° | 810.5 | 810.9 | 811.5 | 811.6 | 811.6 | 811.6 | 811.6 | 815.2 | 822.5 | 828.0 | 827.5 |
| 175° | 816.5 | 816.5 | 816.5 | 816.5 | 814.8 | 812.6 | 811.6 | 813.8 | 818.5 | 822.0 | 822.0 |
| 177.5° | 816.5 | 816.5 | 816.5 | 816.5 | 815.2 | 813.6 | 812.7 | 814.5 | 818.1 | 820.9 | 820.3 |
| 180° | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 |
| 2.5° | 2416.5 | 2409.8 | 2416.5 | 2412.0 | 2414.3 | 2407.6 | 2387.5 | 2380.8 | 2387.5 | 2394.2 | 2394.2 |
| 5° | 2445.5 | 2441.0 | 2445.5 | 2445.5 | 2443.3 | 2438.8 | 2416.5 | 2412.0 | 2416.5 | 2418.8 | 2414.3 |
| 7.5° | 2454.4 | 2447.7 | 2454.4 | 2449.9 | 2449.9 | 2445.5 | 2423.1 | 2418.8 | 2420.9 | 2427.6 | 2420.9 |
| 10° | 2454.4 | 2447.7 | 2454.4 | 2452.1 | 2449.9 | 2445.5 | 2423.1 | 2414.3 | 2414.3 | 2420.9 | 2414.3 |
| 12.5° | 2443.3 | 2438.8 | 2443.3 | 2438.8 | 2438.8 | 2434.3 | 2412.0 | 2403.1 | 2405.3 | 2407.6 | 2398.6 |
| 15° | 2425.4 | 2418.8 | 2425.4 | 2420.9 | 2423.1 | 2416.5 | 2392.0 | 2383.0 | 2383.0 | 2387.5 | 2371.9 |
| 17.5° | 2398.6 | 2389.8 | 2398.6 | 2396.4 | 2394.2 | 2389.8 | 2367.5 | 2358.5 | 2356.3 | 2358.5 | 2347.3 |
| 20° | 2367.5 | 2360.8 | 2367.5 | 2365.2 | 2365.2 | 2356.3 | 2334.0 | 2322.8 | 2322.8 | 2322.8 | 2311.7 |
| 22.5° | 2318.4 | 2311.7 | 2318.4 | 2322.8 | 2322.8 | 2320.6 | 2300.5 | 2285.0 | 2280.5 | 2280.5 | 2267.2 |
| 25° | 2262.7 | 2256.0 | 2262.7 | 2262.7 | 2260.5 | 2262.7 | 2256.0 | 2247.0 | 2240.4 | 2233.7 | 2220.3 |
| 27.5° | 2209.2 | 2204.7 | 2209.2 | 2204.7 | 2209.2 | 2202.5 | 2200.2 | 2198.0 | 2189.1 | 2182.4 | 2164.6 |
| 30° | 2155.7 | 2151.2 | 2155.7 | 2151.2 | 2146.7 | 2142.3 | 2131.1 | 2126.7 | 2135.6 | 2131.1 | 2102.1 |
| 32.5° | 2088.8 | 2084.3 | 2088.8 | 2088.8 | 2084.3 | 2084.3 | 2066.5 | 2059.8 | 2062.1 | 2075.4 | 2048.6 |
| 35° | 2019.7 | 2013.0 | 2019.7 | 2017.5 | 2019.7 | 2013.0 | 2001.8 | 1999.6 | 1990.7 | 2006.3 | 1986.3 |
| 37.5° | 1939.5 | 1932.7 | 1939.5 | 1939.5 | 1939.5 | 1943.9 | 1935.0 | 1928.3 | 1914.9 | 1935.0 | 1919.4 |
| 40° | 1857.0 | 1848.0 | 1857.0 | 1854.7 | 1857.0 | 1861.4 | 1857.0 | 1852.5 | 1839.1 | 1854.7 | 1841.4 |
| 42.5° | 1763.4 | 1761.1 | 1763.4 | 1765.6 | 1765.6 | 1774.4 | 1781.2 | 1772.2 | 1767.8 | 1756.6 | 1765.6 |
| 45° | 1663.0 | 1658.6 | 1663.0 | 1667.5 | 1669.7 | 1674.1 | 1694.2 | 1694.2 | 1687.6 | 1669.7 | 1683.1 |
| 47.5° | 1556.0 | 1544.8 | 1556.0 | 1569.3 | 1569.3 | 1576.0 | 1596.1 | 1611.8 | 1600.6 | 1578.3 | 1585.0 |
| 50° | 1442.3 | 1444.5 | 1442.3 | 1451.2 | 1451.2 | 1475.7 | 1491.4 | 1507.0 | 1518.1 | 1491.4 | 1460.2 |
| 52.5° | 1330.9 | 1328.6 | 1330.9 | 1337.6 | 1346.4 | 1357.6 | 1384.4 | 1399.9 | 1417.8 | 1402.2 | 1353.1 |
| 55° | 1219.3 | 1223.8 | 1219.3 | 1221.6 | 1226.1 | 1232.8 | 1272.9 | 1288.5 | 1321.9 | 1301.9 | 1250.6 |
| 57.5° | 1107.9 | 1101.2 | 1107.9 | 1112.4 | 1114.7 | 1121.3 | 1154.7 | 1183.7 | 1203.8 | 1206.0 | 1143.6 |
| 60° | 978.6 | 969.7 | 978.6 | 998.7 | 1003.2 | 1007.6 | 1038.9 | 1065.6 | 1083.4 | 1090.1 | 1025.4 |
| 62.5° | 865.0 | 849.3 | 865.0 | 878.3 | 887.3 | 898.4 | 920.6 | 960.8 | 976.4 | 978.6 | 887.3 |
| 65° | 744.5 | 737.9 | 744.5 | 771.3 | 773.5 | 787.0 | 811.5 | 840.4 | 873.8 | 869.4 | 737.9 |
| 67.5° | 635.4 | 635.4 | 635.4 | 653.2 | 666.5 | 673.2 | 704.4 | 717.8 | 760.2 | 764.6 | 615.2 |
| 70° | 535.0 | 532.8 | 535.0 | 548.4 | 557.3 | 572.9 | 601.9 | 617.5 | 650.9 | 662.1 | 499.3 |
| 72.5° | 439.2 | 437.0 | 439.2 | 450.3 | 459.3 | 472.6 | 497.1 | 514.9 | 543.9 | 557.3 | 387.9 |
| 75° | 354.5 | 350.0 | 354.5 | 363.4 | 361.2 | 379.0 | 399.0 | 416.8 | 443.6 | 452.5 | 287.6 |
| 77.5° | 272.0 | 272.0 | 272.0 | 280.9 | 280.9 | 298.7 | 307.7 | 329.9 | 345.5 | 358.9 | 211.8 |
| 80° | 202.9 | 200.6 | 202.9 | 205.1 | 205.1 | 214.0 | 229.6 | 245.2 | 258.6 | 258.6 | 144.9 |
| 82.5° | 142.6 | 138.2 | 142.6 | 142.6 | 142.6 | 147.1 | 156.1 | 160.5 | 169.4 | 176.1 | 91.4 |
| 85° | 89.1 | 89.1 | 89.1 | 91.4 | 89.1 | 93.6 | 95.8 | 100.3 | 100.3 | 95.8 | 55.8 |
| 87.5° | 58.0 | 55.8 | 58.0 | 55.8 | 55.8 | 53.5 | 53.5 | 53.5 | 51.3 | 49.0 | 31.2 |
| 90° | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 27.8 | 37.0 | 41.6 | 35.8 | 24.2 | 15.4 |
| 92.5° | 83.4 | 66.8 | 83.4 | 100.0 | 104.1 | 147.6 | 205.5 | 234.5 | 205.9 | 148.7 | 105.7 |
| 95° | 290.7 | 240.6 | 290.7 | 340.9 | 353.4 | 464.1 | 611.7 | 685.5 | 579.0 | 365.9 | 206.0 |
| 97.5° | 696.6 | 601.1 | 696.6 | 792.1 | 815.9 | 885.9 | 979.2 | 1025.9 | 848.2 | 492.8 | 226.3 |
| 100° | 1003.6 | 889.9 | 1003.6 | 1117.4 | 1145.8 | 1140.7 | 1133.9 | 1130.5 | 933.3 | 539.0 | 243.3 |
| 102.5° | 1305.7 | 1208.3 | 1305.7 | 1403.2 | 1427.5 | 1338.4 | 1219.5 | 1160.1 | 960.2 | 560.3 | 260.3 |
| 105° | 1690.8 | 1638.5 | 1690.8 | 1743.2 | 1756.3 | 1556.4 | 1290.0 | 1156.8 | 963.2 | 576.0 | 285.5 |
| 107.5° | 1943.2 | 1955.8 | 1943.2 | 1930.4 | 1927.3 | 1648.5 | 1276.9 | 1091.0 | 920.3 | 578.9 | 322.8 |
| 110° | 2039.3 | 2093.9 | 2039.3 | 1984.7 | 1971.1 | 1659.5 | 1243.9 | 1036.2 | 882.3 | 574.5 | 343.6 |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 112.5° | 2047.8 | 2131.6 | 2047.8 | 1964.1 | 1943.2 | 1624.2 | 1199.0 | 986.3 | 849.1 | 574.7 | 368.8 |
| 115° | 1993.6 | 2109.8 | 1993.6 | 1877.5 | 1848.4 | 1541.2 | 1131.4 | 926.6 | 811.0 | 579.9 | 406.6 |
| 117.5° | 1878.4 | 2007.3 | 1878.4 | 1749.6 | 1717.3 | 1440.1 | 1070.4 | 885.5 | 787.2 | 590.7 | 443.3 |
| 120° | 1785.7 | 1910.8 | 1785.7 | 1660.4 | 1629.2 | 1375.8 | 1038.0 | 869.1 | 779.2 | 599.5 | 464.7 |
| 122.5° | 1695.3 | 1818.8 | 1695.3 | 1571.8 | 1540.9 | 1312.8 | 1008.6 | 856.5 | 775.0 | 612.1 | 489.9 |
| 125° | 1566.4 | 1680.1 | 1566.4 | 1452.7 | 1424.3 | 1230.4 | 972.0 | 842.8 | 771.6 | 629.1 | 522.2 |
| 127.5° | 1450.5 | 1546.4 | 1450.5 | 1354.5 | 1330.5 | 1164.1 | 942.2 | 831.3 | 769.6 | 646.1 | 553.5 |
| 130° | 1382.2 | 1470.8 | 1382.2 | 1293.5 | 1271.3 | 1123.2 | 925.6 | 826.9 | 770.8 | 658.6 | 574.3 |
| 132.5° | 1320.2 | 1399.6 | 1320.2 | 1240.8 | 1220.9 | 1088.3 | 911.5 | 823.1 | 771.6 | 668.6 | 591.3 |
| 135° | 1235.2 | 1303.7 | 1235.2 | 1166.8 | 1149.7 | 1038.6 | 890.5 | 816.5 | 770.8 | 679.5 | 611.0 |
| 137.5° | 1167.1 | 1223.1 | 1167.1 | 1111.1 | 1097.1 | 1003.2 | 878.0 | 815.4 | 775.6 | 696.0 | 636.2 |
| 140° | 1120.4 | 1172.7 | 1120.4 | 1067.9 | 1054.8 | 973.8 | 865.7 | 811.6 | 776.3 | 706.0 | 653.2 |
| 142.5° | 1081.6 | 1126.7 | 1081.6 | 1036.5 | 1025.2 | 954.0 | 859.1 | 811.6 | 779.1 | 714.4 | 665.8 |
| 145° | 1023.6 | 1057.7 | 1023.6 | 989.4 | 980.9 | 922.7 | 844.9 | 806.1 | 779.2 | 725.4 | 685.0 |
| 147.5° | 979.0 | 1007.2 | 979.0 | 950.7 | 943.6 | 897.8 | 836.7 | 806.1 | 784.5 | 741.4 | 709.1 |
| 150° | 950.8 | 973.8 | 950.8 | 927.9 | 922.2 | 883.5 | 831.9 | 806.1 | 787.3 | 749.8 | 721.7 |
| 152.5° | 926.9 | 944.2 | 926.9 | 909.6 | 905.3 | 872.2 | 828.2 | 806.1 | 789.2 | 755.3 | 730.0 |
| 155° | 899.3 | 910.7 | 899.3 | 887.9 | 885.0 | 858.7 | 823.7 | 806.1 | 793.2 | 767.4 | 748.0 |
| 157.5° | 877.5 | 885.5 | 877.5 | 869.5 | 867.5 | 847.0 | 819.7 | 806.1 | 797.2 | 779.4 | 766.1 |
| 160° | 864.5 | 869.1 | 864.5 | 859.9 | 858.7 | 841.1 | 817.8 | 806.1 | 799.1 | 784.9 | 774.3 |
| 162.5° | 855.9 | 860.3 | 855.9 | 851.5 | 850.5 | 835.7 | 815.9 | 806.1 | 801.0 | 790.7 | 783.1 |
| 165° | 843.7 | 848.3 | 843.7 | 839.0 | 837.9 | 827.3 | 813.1 | 806.1 | 803.8 | 799.2 | 795.7 |
| 167.5° | 834.8 | 836.8 | 834.8 | 832.9 | 832.4 | 825.4 | 816.2 | 811.6 | 809.6 | 805.7 | 802.8 |
| 170° | 832.4 | 832.4 | 832.4 | 832.4 | 832.4 | 825.4 | 816.2 | 811.6 | 811.5 | 811.2 | 811.0 |
| 172.5° | 825.9 | 824.2 | 825.9 | 827.5 | 828.0 | 822.5 | 815.2 | 811.6 | 811.6 | 811.6 | 811.6 |
| 175° | 822.0 | 822.0 | 822.0 | 822.0 | 822.0 | 818.5 | 813.8 | 811.6 | 812.6 | 814.8 | 816.5 |
| 177.5° | 818.4 | 816.5 | 818.4 | 820.3 | 820.9 | 818.1 | 814.5 | 812.7 | 813.6 | 815.2 | 816.5 |
| 180° | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 |
| 2.5° | 2389.8 | 2376.3 | 2376.3 | 2354.1 | 2345.2 | 2338.5 | 2327.3 | 2293.9 | 2285.0 | 2276.0 | 2289.4 |
| 5° | 2409.8 | 2385.3 | 2367.5 | 2327.3 | 2293.9 | 2280.5 | 2238.2 | 2157.9 | 2104.4 | 2064.3 | 2042.0 |
| 7.5° | 2414.3 | 2383.0 | 2349.6 | 2287.2 | 2206.9 | 2171.2 | 2042.0 | 1894.8 | 1854.7 | 1819.0 | 1796.7 |
| 10° | 2409.8 | 2374.1 | 2327.3 | 2233.7 | 2044.2 | 1981.8 | 1852.5 | 1756.6 | 1732.1 | 1725.4 | 1732.1 |
| 12.5° | 2394.2 | 2360.8 | 2296.1 | 2140.1 | 1874.8 | 1832.4 | 1756.6 | 1700.9 | 1696.4 | 1707.6 | 1767.8 |
| 15° | 2367.5 | 2336.2 | 2260.5 | 2015.3 | 1781.2 | 1749.9 | 1696.4 | 1676.4 | 1700.9 | 1778.9 | 1959.5 |
| 17.5° | 2340.7 | 2305.0 | 2211.4 | 1892.7 | 1709.8 | 1687.6 | 1649.6 | 1689.8 | 1828.0 | 1932.7 | 1993.0 |
| 20° | 2305.0 | 2262.7 | 2155.7 | 1803.4 | 1658.6 | 1638.5 | 1620.6 | 1801.2 | 1906.0 | 1943.9 | 1977.3 |
| 22.5° | 2262.7 | 2218.1 | 2079.9 | 1741.1 | 1605.0 | 1589.5 | 1600.6 | 1863.7 | 1906.0 | 1932.7 | 1961.7 |
| 25° | 2206.9 | 2169.1 | 1990.7 | 1692.0 | 1562.7 | 1544.8 | 1587.2 | 1857.0 | 1881.5 | 1888.2 | 1946.1 |
| 27.5° | 2155.7 | 2106.6 | 1897.0 | 1647.4 | 1511.4 | 1504.7 | 1598.3 | 1828.0 | 1845.8 | 1852.5 | 1914.9 |
| 30° | 2093.3 | 2019.7 | 1792.3 | 1600.6 | 1457.9 | 1455.7 | 1600.6 | 1792.3 | 1787.9 | 1805.7 | 1868.1 |
| 32.5° | 2028.6 | 1890.4 | 1674.1 | 1542.6 | 1406.7 | 1404.4 | 1585.0 | 1738.8 | 1734.4 | 1758.9 | 1805.7 |
| 35° | 1968.4 | 1790.1 | 1513.7 | 1475.7 | 1342.0 | 1344.2 | 1547.1 | 1676.4 | 1678.6 | 1700.9 | 1729.9 |
| 37.5° | 1906.0 | 1703.1 | 1337.6 | 1402.2 | 1279.6 | 1279.6 | 1495.8 | 1618.4 | 1614.0 | 1620.6 | 1660.8 |
| 40° | 1832.4 | 1567.2 | 1181.5 | 1306.3 | 1221.6 | 1215.0 | 1433.4 | 1556.0 | 1540.4 | 1538.2 | 1593.9 |
| 42.5° | 1754.4 | 1417.8 | 1065.6 | 1179.3 | 1154.7 | 1145.8 | 1357.6 | 1480.2 | 1451.2 | 1457.9 | 1529.2 |
| 45° | 1669.7 | 1377.7 | 976.4 | 996.4 | 1085.7 | 1078.9 | 1275.1 | 1393.2 | 1373.2 | 1391.1 | 1464.6 |
| 47.5° | 1585.0 | 1297.4 | 947.4 | 827.0 | 1012.1 | 1009.9 | 1183.7 | 1308.6 | 1297.4 | 1315.3 | 1393.2 |
| 50° | 1469.0 | 1208.3 | 945.2 | 708.9 | 929.6 | 938.5 | 1074.5 | 1226.1 | 1226.1 | 1241.7 | 1324.1 |
| 52.5° | 1319.7 | 1099.0 | 858.3 | 642.0 | 833.8 | 860.5 | 978.6 | 1154.7 | 1159.2 | 1174.8 | 1248.3 |
| 55° | 1183.7 | 985.3 | 795.8 | 590.7 | 720.0 | 778.0 | 885.0 | 1081.2 | 1090.1 | 1105.7 | 1172.5 |
| 57.5° | 1058.9 | 820.3 | 782.5 | 530.6 | 615.2 | 671.0 | 802.5 | 1009.9 | 1014.3 | 1027.7 | 1092.3 |
| 60° | 925.1 | 592.9 | 717.8 | 465.9 | 523.9 | 566.2 | 726.7 | 925.1 | 940.7 | 949.6 | 1005.4 |
| 62.5° | 773.5 | 430.3 | 650.9 | 421.3 | 479.3 | 488.2 | 664.3 | 844.8 | 865.0 | 871.6 | 905.1 |
| 65° | 550.6 | 361.2 | 552.9 | 383.5 | 432.5 | 434.7 | 597.4 | 762.4 | 780.2 | 791.3 | 815.9 |
| 67.5° | 372.3 | 294.2 | 421.3 | 347.7 | 396.8 | 399.0 | 532.8 | 666.5 | 691.0 | 700.0 | 715.6 |
| 70° | 258.6 | 196.2 | 312.1 | 309.9 | 356.7 | 361.2 | 463.7 | 579.6 | 601.9 | 608.6 | 617.5 |
| 72.5° | 189.4 | 158.3 | 258.6 | 278.7 | 314.3 | 318.8 | 392.3 | 481.5 | 503.8 | 510.5 | 514.9 |
| 75° | 144.9 | 167.2 | 209.6 | 243.0 | 267.5 | 269.7 | 321.0 | 392.3 | 408.0 | 412.5 | 414.6 |
| 77.5° | 115.9 | 156.1 | 153.8 | 196.2 | 218.4 | 214.0 | 251.9 | 303.2 | 316.5 | 316.5 | 316.5 |
| 80° | 87.0 | 122.6 | 115.9 | 140.4 | 160.5 | 156.1 | 180.6 | 216.2 | 220.7 | 225.1 | 222.9 |
| 82.5° | 64.6 | 78.0 | 78.0 | 89.1 | 107.0 | 102.6 | 120.4 | 140.4 | 140.4 | 140.4 | 144.9 |
| 85° | 40.1 | 44.6 | 35.7 | 46.8 | 60.2 | 58.0 | 66.8 | 75.8 | 78.0 | 78.0 | 73.6 |
| 87.5° | 24.5 | 20.0 | 11.2 | 17.8 | 26.8 | 26.8 | 31.2 | 33.5 | 31.2 | 31.2 | 31.2 |
| 90° | 14.2 | 9.8 | 5.4 | 9.8 | 14.2 | 15.4 | 24.2 | 35.8 | 41.6 | 37.0 | 27.8 |
| 92.5° | 96.4 | 59.2 | 22.0 | 59.2 | 96.4 | 105.7 | 148.7 | 205.9 | 234.5 | 205.5 | 147.6 |
| 95° | 189.0 | 120.8 | 52.6 | 120.8 | 189.0 | 206.0 | 365.9 | 579.0 | 685.5 | 611.7 | 464.1 |
| 97.5° | 211.3 | 151.2 | 91.0 | 151.2 | 211.3 | 226.3 | 492.8 | 848.2 | 1025.9 | 979.2 | 885.9 |
| 100° | 229.7 | 175.1 | 120.6 | 175.1 | 229.7 | 243.3 | 539.0 | 933.3 | 1130.5 | 1133.9 | 1140.7 |
| 102.5° | 247.6 | 196.7 | 145.8 | 196.7 | 247.6 | 260.3 | 560.3 | 960.2 | 1160.1 | 1219.5 | 1338.4 |
| 105° | 274.7 | 231.6 | 188.5 | 231.6 | 274.7 | 285.5 | 576.0 | 963.2 | 1156.8 | 1290.0 | 1556.4 |
| 107.5° | 312.8 | 272.5 | 232.3 | 272.5 | 312.8 | 322.8 | 578.9 | 920.3 | 1091.0 | 1276.9 | 1648.5 |
| 110° | 334.5 | 298.2 | 261.9 | 298.2 | 334.5 | 343.6 | 574.5 | 882.3 | 1036.2 | 1243.9 | 1659.5 |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|
| 112.5° | 360.2 | 325.6 | 291.0 | 325.6 | 360.2 | 368.8 | 574.7 | 849.1 | 986.3 | 1199.0 | 1624.2 |
| 115° | 398.6 | 366.7 | 334.8 | 366.7 | 398.6 | 406.6 | 579.9 | 811.0 | 926.6 | 1131.4 | 1541.2 |
| 117.5° | 436.1 | 407.1 | 378.1 | 407.1 | 436.1 | 443.3 | 590.7 | 787.2 | 885.5 | 1070.4 | 1440.1 |
| 120° | 457.9 | 430.6 | 403.3 | 430.6 | 457.9 | 464.7 | 599.5 | 779.2 | 869.1 | 1038.0 | 1375.8 |
| 122.5° | 483.1 | 455.5 | 428.0 | 455.5 | 483.1 | 489.9 | 612.1 | 775.0 | 856.5 | 1008.6 | 1312.8 |
| 125° | 516.0 | 490.9 | 465.8 | 490.9 | 516.0 | 522.2 | 629.1 | 771.6 | 842.8 | 972.0 | 1230.4 |
| 127.5° | 547.2 | 521.8 | 496.5 | 521.8 | 547.2 | 553.5 | 646.1 | 769.6 | 831.3 | 942.2 | 1164.1 |
| 130° | 567.5 | 540.2 | 512.9 | 540.2 | 567.5 | 574.3 | 658.6 | 770.8 | 826.9 | 925.6 | 1123.2 |
| 132.5° | 584.4 | 557.2 | 529.9 | 557.2 | 584.4 | 591.3 | 668.6 | 771.6 | 823.1 | 911.5 | 1088.3 |
| 135° | 604.8 | 579.9 | 555.1 | 579.9 | 604.8 | 611.0 | 679.5 | 770.8 | 816.5 | 890.5 | 1038.6 |
| 137.5° | 630.1 | 605.4 | 580.8 | 605.4 | 630.1 | 636.2 | 696.0 | 775.6 | 815.4 | 878.0 | 1003.2 |
| 140° | 647.6 | 624.9 | 602.3 | 624.9 | 647.6 | 653.2 | 706.0 | 776.3 | 811.6 | 865.7 | 973.8 |
| 142.5° | 660.6 | 639.7 | 618.7 | 639.7 | 660.6 | 665.8 | 714.4 | 779.1 | 811.6 | 859.1 | 954.0 |
| 145° | 680.4 | 662.2 | 643.9 | 662.2 | 680.4 | 685.0 | 725.4 | 779.2 | 806.1 | 844.9 | 922.7 |
| 147.5° | 704.6 | 686.8 | 669.1 | 686.8 | 704.6 | 709.1 | 741.4 | 784.5 | 806.1 | 836.7 | 897.8 |
| 150° | 717.7 | 701.6 | 685.5 | 701.6 | 717.7 | 721.7 | 749.8 | 787.3 | 806.1 | 831.9 | 883.5 |
| 152.5° | 726.9 | 714.8 | 702.6 | 714.8 | 726.9 | 730.0 | 755.3 | 789.2 | 806.1 | 828.2 | 872.2 |
| 155° | 745.7 | 736.7 | 727.8 | 736.7 | 745.7 | 748.0 | 767.4 | 793.2 | 806.1 | 823.7 | 858.7 |
| 157.5° | 763.9 | 755.2 | 746.4 | 755.2 | 763.9 | 766.1 | 779.4 | 797.2 | 806.1 | 819.7 | 847.0 |
| 160° | 772.6 | 765.8 | 758.9 | 765.8 | 772.6 | 774.3 | 784.9 | 799.1 | 806.1 | 817.8 | 841.1 |
| 162.5° | 781.8 | 776.7 | 771.6 | 776.7 | 781.8 | 783.1 | 790.7 | 801.0 | 806.1 | 815.9 | 835.7 |
| 165° | 794.5 | 789.9 | 785.3 | 789.9 | 794.5 | 795.7 | 799.2 | 803.8 | 806.1 | 813.1 | 827.3 |
| 167.5° | 802.2 | 800.0 | 797.8 | 800.0 | 802.2 | 802.8 | 805.7 | 809.6 | 811.6 | 816.2 | 825.4 |
| 170° | 810.5 | 808.3 | 806.1 | 808.3 | 810.5 | 811.0 | 811.2 | 811.5 | 811.6 | 816.2 | 825.4 |
| 172.5° | 811.5 | 810.9 | 810.5 | 810.9 | 811.5 | 811.6 | 811.6 | 811.6 | 811.6 | 815.2 | 822.5 |
| 175° | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 814.8 | 812.6 | 811.6 | 813.8 | 818.5 |
| 177.5° | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 815.2 | 813.6 | 812.7 | 814.5 | 818.1 |
| 180° | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 |
| 2.5° | 2273.8 | 2267.2 | 2276.0 | 2251.5 | 2276.0 | 2267.2 | 2273.8 | 2289.4 | 2276.0 | 2285.0 | 2293.9 |
| 5° | 1995.1 | 1984.0 | 1948.3 | 1919.4 | 1948.3 | 1984.0 | 1995.1 | 2042.0 | 2064.3 | 2104.4 | 2157.9 |
| 7.5° | 1783.4 | 1774.4 | 1765.6 | 1747.7 | 1765.6 | 1774.4 | 1783.4 | 1796.7 | 1819.0 | 1854.7 | 1894.8 |
| 10° | 1736.6 | 1738.8 | 1752.2 | 1749.9 | 1752.2 | 1738.8 | 1736.6 | 1732.1 | 1725.4 | 1732.1 | 1756.6 |
| 12.5° | 1857.0 | 1877.0 | 1950.6 | 1946.1 | 1950.6 | 1877.0 | 1857.0 | 1767.8 | 1707.6 | 1696.4 | 1700.9 |
| 15° | 1995.1 | 2001.8 | 2017.5 | 2019.7 | 2017.5 | 2001.8 | 1995.1 | 1959.5 | 1778.9 | 1700.9 | 1676.4 |
| 17.5° | 2008.5 | 2010.8 | 2021.9 | 2021.9 | 2021.9 | 2010.8 | 2008.5 | 1993.0 | 1932.7 | 1828.0 | 1689.8 |
| 20° | 1997.4 | 2001.8 | 2024.1 | 2028.6 | 2024.1 | 2001.8 | 1997.4 | 1977.3 | 1943.9 | 1906.0 | 1801.2 |
| 22.5° | 1993.0 | 2001.8 | 2019.7 | 2017.5 | 2019.7 | 2001.8 | 1993.0 | 1961.7 | 1932.7 | 1906.0 | 1863.7 |
| 25° | 1970.6 | 1970.6 | 1972.8 | 1975.1 | 1972.8 | 1970.6 | 1970.6 | 1946.1 | 1888.2 | 1881.5 | 1857.0 |
| 27.5° | 1923.8 | 1928.3 | 1941.7 | 1939.5 | 1941.7 | 1928.3 | 1923.8 | 1914.9 | 1852.5 | 1845.8 | 1828.0 |
| 30° | 1881.5 | 1877.0 | 1865.9 | 1857.0 | 1865.9 | 1877.0 | 1881.5 | 1868.1 | 1805.7 | 1787.9 | 1792.3 |
| 32.5° | 1810.2 | 1799.0 | 1787.9 | 1781.2 | 1787.9 | 1799.0 | 1810.2 | 1805.7 | 1758.9 | 1734.4 | 1738.8 |
| 35° | 1725.4 | 1727.6 | 1725.4 | 1718.7 | 1725.4 | 1727.6 | 1725.4 | 1729.9 | 1700.9 | 1678.6 | 1676.4 |
| 37.5° | 1665.3 | 1669.7 | 1667.5 | 1658.6 | 1667.5 | 1669.7 | 1665.3 | 1660.8 | 1620.6 | 1614.0 | 1618.4 |
| 40° | 1602.8 | 1605.0 | 1602.8 | 1596.1 | 1602.8 | 1605.0 | 1602.8 | 1593.9 | 1538.2 | 1540.4 | 1556.0 |
| 42.5° | 1542.6 | 1540.4 | 1533.7 | 1529.2 | 1533.7 | 1540.4 | 1542.6 | 1529.2 | 1457.9 | 1451.2 | 1480.2 |
| 45° | 1473.5 | 1475.7 | 1462.4 | 1455.7 | 1462.4 | 1475.7 | 1473.5 | 1464.6 | 1391.1 | 1373.2 | 1393.2 |
| 47.5° | 1404.4 | 1404.4 | 1393.2 | 1386.6 | 1393.2 | 1404.4 | 1404.4 | 1393.2 | 1315.3 | 1297.4 | 1308.6 |
| 50° | 1330.9 | 1328.6 | 1313.1 | 1310.8 | 1313.1 | 1328.6 | 1330.9 | 1324.1 | 1241.7 | 1226.1 | 1226.1 |
| 52.5° | 1246.1 | 1246.1 | 1248.3 | 1252.8 | 1248.3 | 1246.1 | 1246.1 | 1248.3 | 1174.8 | 1159.2 | 1154.7 |
| 55° | 1172.5 | 1174.8 | 1190.4 | 1194.8 | 1190.4 | 1174.8 | 1172.5 | 1172.5 | 1105.7 | 1090.1 | 1081.2 |
| 57.5° | 1096.8 | 1096.8 | 1107.9 | 1107.9 | 1107.9 | 1096.8 | 1096.8 | 1092.3 | 1027.7 | 1014.3 | 1009.9 |
| 60° | 1009.9 | 1014.3 | 1023.2 | 1021.0 | 1023.2 | 1014.3 | 1009.9 | 1005.4 | 949.6 | 940.7 | 925.1 |
| 62.5° | 918.4 | 922.9 | 925.1 | 920.6 | 925.1 | 922.9 | 918.4 | 905.1 | 871.6 | 865.0 | 844.8 |
| 65° | 822.6 | 827.0 | 829.3 | 824.8 | 829.3 | 827.0 | 822.6 | 815.9 | 791.3 | 780.2 | 762.4 |
| 67.5° | 724.5 | 722.2 | 720.0 | 729.0 | 720.0 | 722.2 | 724.5 | 715.6 | 700.0 | 691.0 | 666.5 |
| 70° | 624.2 | 624.2 | 621.9 | 626.4 | 621.9 | 624.2 | 624.2 | 617.5 | 608.6 | 601.9 | 579.6 |
| 72.5° | 517.1 | 514.9 | 523.9 | 517.1 | 523.9 | 514.9 | 517.1 | 514.9 | 510.5 | 503.8 | 481.5 |
| 75° | 412.5 | 416.8 | 412.5 | 419.1 | 412.5 | 416.8 | 412.5 | 414.6 | 412.5 | 408.0 | 392.3 |
| 77.5° | 314.3 | 318.8 | 314.3 | 314.3 | 314.3 | 318.8 | 314.3 | 316.5 | 316.5 | 316.5 | 303.2 |
| 80° | 222.9 | 220.7 | 220.7 | 218.4 | 220.7 | 220.7 | 222.9 | 222.9 | 225.1 | 220.7 | 216.2 |
| 82.5° | 142.6 | 140.4 | 140.4 | 144.9 | 140.4 | 140.4 | 142.6 | 144.9 | 140.4 | 140.4 | 140.4 |
| 85° | 78.0 | 80.3 | 75.8 | 75.8 | 75.8 | 80.3 | 78.0 | 73.6 | 78.0 | 78.0 | 75.8 |
| 87.5° | 29.0 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 29.0 | 31.2 | 31.2 | 31.2 | 33.5 |
| 90° | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 27.8 | 37.0 | 41.6 | 35.8 |
| 92.5° | 104.1 | 100.0 | 83.4 | 66.8 | 83.4 | 100.0 | 104.1 | 147.6 | 205.5 | 234.5 | 205.9 |
| 95° | 353.4 | 340.9 | 290.7 | 240.6 | 290.7 | 340.9 | 353.4 | 464.1 | 611.7 | 685.5 | 579.0 |
| 97.5° | 815.9 | 792.1 | 696.6 | 601.1 | 696.6 | 792.1 | 815.9 | 885.9 | 979.2 | 1025.9 | 848.2 |
| 100° | 1145.8 | 1117.4 | 1003.6 | 889.9 | 1003.6 | 1117.4 | 1145.8 | 1140.7 | 1133.9 | 1130.5 | 933.3 |
| 102.5° | 1427.5 | 1403.2 | 1305.7 | 1208.3 | 1305.7 | 1403.2 | 1427.5 | 1338.4 | 1219.5 | 1160.1 | 960.2 |
| 105° | 1756.3 | 1743.2 | 1690.8 | 1638.5 | 1690.8 | 1743.2 | 1756.3 | 1556.4 | 1290.0 | 1156.8 | 963.2 |
| 107.5° | 1927.3 | 1930.4 | 1943.2 | 1955.8 | 1943.2 | 1930.4 | 1927.3 | 1648.5 | 1276.9 | 1091.0 | 920.3 |
| 110° | 1971.1 | 1984.7 | 2039.3 | 2093.9 | 2039.3 | 1984.7 | 1971.1 | 1659.5 | 1243.9 | 1036.2 | 882.3 |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1943.2 | 1964.1 | 2047.8 | 2131.6 | 2047.8 | 1964.1 | 1943.2 | 1624.2 | 1199.0 | 986.3 | 849.1 |
| 115° | 1848.4 | 1877.5 | 1993.6 | 2109.8 | 1993.6 | 1877.5 | 1848.4 | 1541.2 | 1131.4 | 926.6 | 811.0 |
| 117.5° | 1717.3 | 1749.6 | 1878.4 | 2007.3 | 1878.4 | 1749.6 | 1717.3 | 1440.1 | 1070.4 | 885.5 | 787.2 |
| 120° | 1629.2 | 1660.4 | 1785.7 | 1910.8 | 1785.7 | 1660.4 | 1629.2 | 1375.8 | 1038.0 | 869.1 | 779.2 |
| 122.5° | 1540.9 | 1571.8 | 1695.3 | 1818.8 | 1695.3 | 1571.8 | 1540.9 | 1312.8 | 1008.6 | 856.5 | 775.0 |
| 125° | 1424.3 | 1452.7 | 1566.4 | 1680.1 | 1566.4 | 1452.7 | 1424.3 | 1230.4 | 972.0 | 842.8 | 771.6 |
| 127.5° | 1330.5 | 1354.5 | 1450.5 | 1546.4 | 1450.5 | 1354.5 | 1330.5 | 1164.1 | 942.2 | 831.3 | 769.6 |
| 130° | 1271.3 | 1293.5 | 1382.2 | 1470.8 | 1382.2 | 1293.5 | 1271.3 | 1123.2 | 925.6 | 826.9 | 770.8 |
| 132.5° | 1220.9 | 1240.8 | 1320.2 | 1399.6 | 1320.2 | 1240.8 | 1220.9 | 1088.3 | 911.5 | 823.1 | 771.6 |
| 135° | 1149.7 | 1166.8 | 1235.2 | 1303.7 | 1235.2 | 1166.8 | 1149.7 | 1038.6 | 890.5 | 816.5 | 770.8 |
| 137.5° | 1097.1 | 1111.1 | 1167.1 | 1223.1 | 1167.1 | 1111.1 | 1097.1 | 1003.2 | 878.0 | 815.4 | 775.6 |
| 140° | 1054.8 | 1067.9 | 1120.4 | 1172.7 | 1120.4 | 1067.9 | 1054.8 | 973.8 | 865.7 | 811.6 | 776.3 |
| 142.5° | 1025.2 | 1036.5 | 1081.6 | 1126.7 | 1081.6 | 1036.5 | 1025.2 | 954.0 | 859.1 | 811.6 | 779.1 |
| 145° | 980.9 | 989.4 | 1023.6 | 1057.7 | 1023.6 | 989.4 | 980.9 | 922.7 | 844.9 | 806.1 | 779.2 |
| 147.5° | 943.6 | 950.7 | 979.0 | 1007.2 | 979.0 | 950.7 | 943.6 | 897.8 | 836.7 | 806.1 | 784.5 |
| 150° | 922.2 | 927.9 | 950.8 | 973.8 | 950.8 | 927.9 | 922.2 | 883.5 | 831.9 | 806.1 | 787.3 |
| 152.5° | 905.3 | 909.6 | 926.9 | 944.2 | 926.9 | 909.6 | 905.3 | 872.2 | 828.2 | 806.1 | 789.2 |
| 155° | 885.0 | 887.9 | 899.3 | 910.7 | 899.3 | 887.9 | 885.0 | 858.7 | 823.7 | 806.1 | 793.2 |
| 157.5° | 867.5 | 869.5 | 877.5 | 885.5 | 877.5 | 869.5 | 867.5 | 847.0 | 819.7 | 806.1 | 797.2 |
| 160° | 858.7 | 859.9 | 864.5 | 869.1 | 864.5 | 859.9 | 858.7 | 841.1 | 817.8 | 806.1 | 799.1 |
| 162.5° | 850.5 | 851.5 | 855.9 | 860.3 | 855.9 | 851.5 | 850.5 | 835.7 | 815.9 | 806.1 | 801.0 |
| 165° | 837.9 | 839.0 | 843.7 | 848.3 | 843.7 | 839.0 | 837.9 | 827.3 | 813.1 | 806.1 | 803.8 |
| 167.5° | 832.4 | 832.9 | 834.8 | 836.8 | 834.8 | 832.9 | 832.4 | 825.4 | 816.2 | 811.6 | 809.6 |
| 170° | 832.4 | 832.4 | 832.4 | 832.4 | 832.4 | 832.4 | 832.4 | 825.4 | 816.2 | 811.6 | 811.5 |
| 172.5° | 828.0 | 827.5 | 825.9 | 824.2 | 825.9 | 827.5 | 828.0 | 822.5 | 815.2 | 811.6 | 811.6 |
| 175° | 822.0 | 822.0 | 822.0 | 822.0 | 822.0 | 822.0 | 822.0 | 818.5 | 813.8 | 811.6 | 812.6 |
| 177.5° | 820.9 | 820.3 | 818.4 | 816.5 | 818.4 | 820.3 | 820.9 | 818.1 | 814.5 | 812.7 | 813.6 |
| 180° | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 2356.3 | 2356.3 | 2356.3 | 2356.3 | 2356.3 |
| 2.5° | 2327.3 | 2338.5 | 2345.2 | 2354.1 | 2376.3 |
| 5° | 2238.2 | 2280.5 | 2293.9 | 2327.3 | 2367.5 |
| 7.5° | 2042.0 | 2171.2 | 2206.9 | 2287.2 | 2349.6 |
| 10° | 1852.5 | 1981.8 | 2044.2 | 2233.7 | 2327.3 |
| 12.5° | 1756.6 | 1832.4 | 1874.8 | 2140.1 | 2296.1 |
| 15° | 1696.4 | 1749.9 | 1781.2 | 2015.3 | 2260.5 |
| 17.5° | 1649.6 | 1687.6 | 1709.8 | 1892.7 | 2211.4 |
| 20° | 1620.6 | 1638.5 | 1658.6 | 1803.4 | 2155.7 |
| 22.5° | 1600.6 | 1589.5 | 1605.0 | 1741.1 | 2079.9 |
| 25° | 1587.2 | 1544.8 | 1562.7 | 1692.0 | 1990.7 |
| 27.5° | 1598.3 | 1504.7 | 1511.4 | 1647.4 | 1897.0 |
| 30° | 1600.6 | 1455.7 | 1457.9 | 1600.6 | 1792.3 |
| 32.5° | 1585.0 | 1404.4 | 1406.7 | 1542.6 | 1674.1 |
| 35° | 1547.1 | 1344.2 | 1342.0 | 1475.7 | 1513.7 |
| 37.5° | 1495.8 | 1279.6 | 1279.6 | 1402.2 | 1337.6 |
| 40° | 1433.4 | 1215.0 | 1221.6 | 1306.3 | 1181.5 |
| 42.5° | 1357.6 | 1145.8 | 1154.7 | 1179.3 | 1065.6 |
| 45° | 1275.1 | 1078.9 | 1085.7 | 996.4 | 976.4 |
| 47.5° | 1183.7 | 1009.9 | 1012.1 | 827.0 | 947.4 |
| 50° | 1074.5 | 938.5 | 929.6 | 708.9 | 945.2 |
| 52.5° | 978.6 | 860.5 | 833.8 | 642.0 | 858.3 |
| 55° | 885.0 | 778.0 | 720.0 | 590.7 | 795.8 |
| 57.5° | 802.5 | 671.0 | 615.2 | 530.6 | 782.5 |
| 60° | 726.7 | 566.2 | 523.9 | 465.9 | 717.8 |
| 62.5° | 664.3 | 488.2 | 479.3 | 421.3 | 650.9 |
| 65° | 597.4 | 434.7 | 432.5 | 383.5 | 552.9 |
| 67.5° | 532.8 | 399.0 | 396.8 | 347.7 | 421.3 |
| 70° | 463.7 | 361.2 | 356.7 | 309.9 | 312.1 |
| 72.5° | 392.3 | 318.8 | 314.3 | 278.7 | 258.6 |
| 75° | 321.0 | 269.7 | 267.5 | 243.0 | 209.6 |
| 77.5° | 251.9 | 214.0 | 218.4 | 196.2 | 153.8 |
| 80° | 180.6 | 156.1 | 160.5 | 140.4 | 115.9 |
| 82.5° | 120.4 | 102.6 | 107.0 | 89.1 | 78.0 |
| 85° | 66.8 | 58.0 | 60.2 | 46.8 | 35.7 |
| 87.5° | 31.2 | 26.8 | 26.8 | 17.8 | 11.2 |
| 90° | 24.2 | 15.4 | 14.2 | 9.8 | 5.4 |
| 92.5° | 148.7 | 105.7 | 96.4 | 59.2 | 22.0 |
| 95° | 365.9 | 206.0 | 189.0 | 120.8 | 52.6 |
| 97.5° | 492.8 | 226.3 | 211.3 | 151.2 | 91.0 |
| 100° | 539.0 | 243.3 | 229.7 | 175.1 | 120.6 |
| 102.5° | 560.3 | 260.3 | 247.6 | 196.7 | 145.8 |
| 105° | 576.0 | 285.5 | 274.7 | 231.6 | 188.5 |
| 107.5° | 578.9 | 322.8 | 312.8 | 272.5 | 232.3 |
| 110° | 574.5 | 343.6 | 334.5 | 298.2 | 261.9 |



TEST NUMBER: P935361

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 574.7 | 368.8 | 360.2 | 325.6 | 291.0 |
| 115° | 579.9 | 406.6 | 398.6 | 366.7 | 334.8 |
| 117.5° | 590.7 | 443.3 | 436.1 | 407.1 | 378.1 |
| 120° | 599.5 | 464.7 | 457.9 | 430.6 | 403.3 |
| 122.5° | 612.1 | 489.9 | 483.1 | 455.5 | 428.0 |
| 125° | 629.1 | 522.2 | 516.0 | 490.9 | 465.8 |
| 127.5° | 646.1 | 553.5 | 547.2 | 521.8 | 496.5 |
| 130° | 658.6 | 574.3 | 567.5 | 540.2 | 512.9 |
| 132.5° | 668.6 | 591.3 | 584.4 | 557.2 | 529.9 |
| 135° | 679.5 | 611.0 | 604.8 | 579.9 | 555.1 |
| 137.5° | 696.0 | 636.2 | 630.1 | 605.4 | 580.8 |
| 140° | 706.0 | 653.2 | 647.6 | 624.9 | 602.3 |
| 142.5° | 714.4 | 665.8 | 660.6 | 639.7 | 618.7 |
| 145° | 725.4 | 685.0 | 680.4 | 662.2 | 643.9 |
| 147.5° | 741.4 | 709.1 | 704.6 | 686.8 | 669.1 |
| 150° | 749.8 | 721.7 | 717.7 | 701.6 | 685.5 |
| 152.5° | 755.3 | 730.0 | 726.9 | 714.8 | 702.6 |
| 155° | 767.4 | 748.0 | 745.7 | 736.7 | 727.8 |
| 157.5° | 779.4 | 766.1 | 763.9 | 755.2 | 746.4 |
| 160° | 784.9 | 774.3 | 772.6 | 765.8 | 758.9 |
| 162.5° | 790.7 | 783.1 | 781.8 | 776.7 | 771.6 |
| 165° | 799.2 | 795.7 | 794.5 | 789.9 | 785.3 |
| 167.5° | 805.7 | 802.8 | 802.2 | 800.0 | 797.8 |
| 170° | 811.2 | 811.0 | 810.5 | 808.3 | 806.1 |
| 172.5° | 811.6 | 811.6 | 811.5 | 810.9 | 810.5 |
| 175° | 814.8 | 816.5 | 816.5 | 816.5 | 816.5 |
| 177.5° | 815.2 | 816.5 | 816.5 | 816.5 | 816.5 |
| 180° | 816.5 | 816.5 | 816.5 | 816.5 | 816.5 |



TEST NUMBER: P935361
 CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-3000K

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 | 14.44 | 15.33 | 15.36 | 16.28 | 17.50 | 17.26 | 18.16 | 18.19 | 19.10 | 20.32 |
| | 3H | 14.92 | 15.72 | 15.85 | 16.67 | 17.91 | 18.61 | 19.41 | 19.55 | 20.36 | 21.61 |
| | 4H | 15.11 | 15.87 | 16.06 | 16.83 | 18.08 | 19.05 | 19.81 | 20.01 | 20.77 | 22.02 |
| | 6H | 15.23 | 15.93 | 16.19 | 16.89 | 18.16 | 19.34 | 20.04 | 20.30 | 21.00 | 22.26 |
| | 8H | 15.23 | 15.90 | 16.20 | 16.88 | 18.14 | 19.41 | 20.08 | 20.38 | 21.06 | 22.32 |
| | 12H | 15.21 | 15.84 | 16.18 | 16.81 | 18.10 | 19.45 | 20.08 | 20.43 | 21.06 | 22.35 |
| 4H | 2H | 15.47 | 16.23 | 16.43 | 17.19 | 18.44 | 17.68 | 18.43 | 18.63 | 19.39 | 20.64 |
| | 3H | 16.50 | 17.14 | 17.47 | 18.12 | 19.39 | 19.18 | 19.82 | 20.15 | 20.80 | 22.07 |
| | 4H | 16.78 | 17.36 | 17.76 | 18.34 | 19.63 | 19.71 | 20.29 | 20.69 | 21.27 | 22.56 |
| | 6H | 16.91 | 17.41 | 17.90 | 18.41 | 19.70 | 20.08 | 20.57 | 21.07 | 21.58 | 22.87 |
| | 8H | 16.91 | 17.38 | 17.91 | 18.38 | 19.68 | 20.18 | 20.65 | 21.17 | 21.65 | 22.95 |
| | 12H | 16.88 | 17.30 | 17.89 | 18.32 | 19.62 | 20.24 | 20.66 | 21.25 | 21.67 | 22.98 |
| 8H | 4H | 17.24 | 17.70 | 18.23 | 18.70 | 20.00 | 19.84 | 20.30 | 20.83 | 21.30 | 22.60 |
| | 6H | 17.50 | 17.88 | 18.52 | 18.92 | 20.22 | 20.28 | 20.66 | 21.29 | 21.70 | 23.00 |
| | 8H | 17.54 | 17.88 | 18.57 | 18.91 | 20.23 | 20.43 | 20.76 | 21.45 | 21.79 | 23.11 |
| | 12H | 17.53 | 17.83 | 18.56 | 18.85 | 20.21 | 20.53 | 20.82 | 21.55 | 21.84 | 23.21 |
| 12H | 4H | 17.24 | 17.66 | 18.25 | 18.68 | 19.99 | 19.80 | 20.22 | 20.81 | 21.24 | 22.55 |
| | 6H | 17.56 | 17.90 | 18.58 | 18.93 | 20.25 | 20.27 | 20.61 | 21.30 | 21.64 | 22.96 |
| | 8H | 17.63 | 17.93 | 18.66 | 18.95 | 20.31 | 20.43 | 20.73 | 21.46 | 21.75 | 23.12 |