

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: P934591

Luminaire Tested: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934591
REPORT IS A COMBINATION OF REPORTS P933703 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

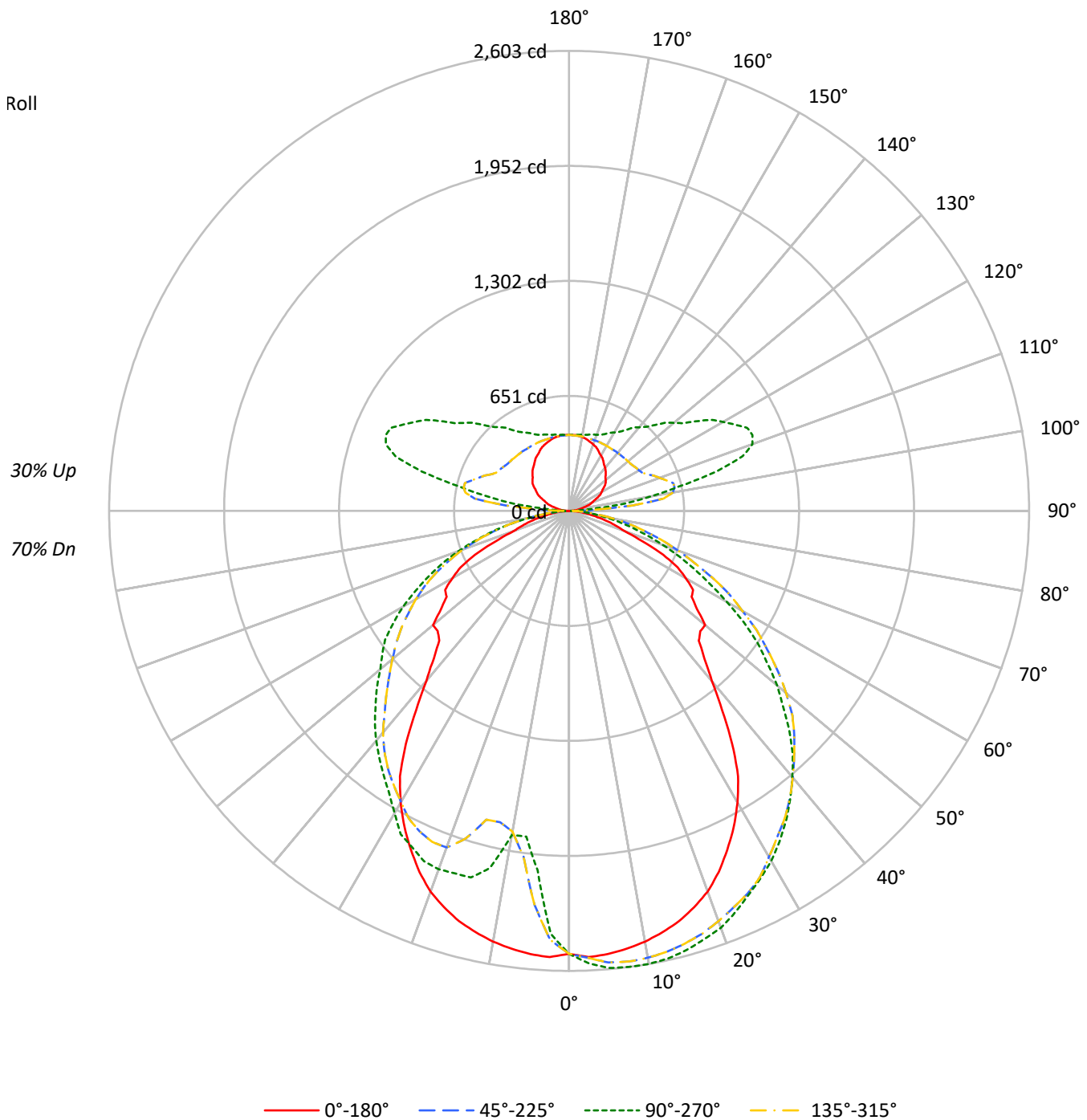
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9287.7 lumens
Efficiency: N/A
Efficacy: 110.6 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): 84
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: P934591
CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

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 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 94 | 94 | 94 | 84 | 84 | 84 | 74 | 74 | 74 | 74 | 74 | 74 | 70 |
| 1 | 102 | 98 | 94 | 90 | 97 | 93 | 89 | 86 | 83 | 80 | 78 | 74 | 72 | 70 | 66 | 65 | 63 | 63 | 63 | 63 | 59 |
| 2 | 93 | 86 | 79 | 74 | 88 | 81 | 76 | 71 | 73 | 68 | 65 | 65 | 62 | 59 | 58 | 56 | 53 | 53 | 53 | 53 | 50 |
| 3 | 85 | 75 | 68 | 62 | 80 | 71 | 65 | 59 | 64 | 59 | 54 | 58 | 53 | 50 | 52 | 48 | 45 | 45 | 45 | 45 | 42 |
| 4 | 78 | 67 | 58 | 52 | 73 | 63 | 56 | 50 | 57 | 51 | 46 | 51 | 47 | 43 | 46 | 42 | 39 | 39 | 39 | 39 | 36 |
| 5 | 72 | 60 | 51 | 45 | 67 | 57 | 49 | 43 | 51 | 45 | 40 | 46 | 41 | 37 | 41 | 37 | 34 | 34 | 34 | 34 | 31 |
| 6 | 66 | 53 | 45 | 39 | 62 | 51 | 43 | 38 | 46 | 40 | 35 | 42 | 36 | 32 | 38 | 33 | 30 | 30 | 30 | 30 | 27 |
| 7 | 61 | 48 | 40 | 34 | 58 | 46 | 39 | 33 | 42 | 36 | 31 | 38 | 33 | 29 | 34 | 30 | 27 | 27 | 27 | 27 | 24 |
| 8 | 57 | 44 | 36 | 30 | 54 | 42 | 35 | 29 | 38 | 32 | 28 | 35 | 29 | 26 | 31 | 27 | 24 | 24 | 24 | 24 | 22 |
| 9 | 53 | 40 | 32 | 27 | 50 | 38 | 31 | 26 | 35 | 29 | 25 | 32 | 27 | 23 | 29 | 25 | 21 | 21 | 21 | 21 | 19 |
| 10 | 49 | 37 | 30 | 25 | 47 | 35 | 28 | 24 | 32 | 26 | 22 | 30 | 25 | 21 | 27 | 23 | 19 | 19 | 19 | 19 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 15501 | 15501 | 15501 | 15501 |
| 5° | 15611 | 15647 | 15611 | 12304 |
| 10° | 15501 | 15414 | 15501 | 11019 |
| 15° | 15326 | 15079 | 15326 | 12591 |
| 20° | 15000 | 14684 | 15000 | 12618 |
| 25° | 14338 | 14107 | 14338 | 12351 |
| 30° | 13484 | 13628 | 13484 | 11764 |
| 35° | 12016 | 13022 | 12016 | 11118 |
| 40° | 10006 | 12308 | 10006 | 10631 |
| 45° | 8935 | 11474 | 8935 | 10070 |
| 50° | 9486 | 10478 | 9486 | 9508 |
| 55° | 8915 | 9405 | 8915 | 9182 |
| 60° | 9180 | 7988 | 9180 | 8411 |
| 65° | 8310 | 6603 | 8310 | 7381 |
| 70° | 5740 | 5262 | 5740 | 6187 |
| 75° | 5016 | 3890 | 5016 | 4658 |
| 80° | 4013 | 2571 | 4013 | 2800 |
| 85° | 2260 | 1362 | 2260 | 1158 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13702 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 226.2 | 2.4 |
| 10°-20° | 642.2 | 6.9 |
| 20°-30° | 992.7 | 10.7 |
| 30°-40° | 1185.1 | 12.8 |
| 40°-50° | 1192.1 | 12.8 |
| 50°-60° | 1037.2 | 11.2 |
| 60°-70° | 735.4 | 7.9 |
| 70°-80° | 389.1 | 4.2 |
| 80°-90° | 98.5 | 1.1 |
| 90°-100° | 209.7 | 2.3 |
| 100°-110° | 551.4 | 5.9 |
| 110°-120° | 571.7 | 6.2 |
| 120°-130° | 458.6 | 4.9 |
| 130°-140° | 359.8 | 3.9 |
| 140°-150° | 276.2 | 3.0 |
| 150°-160° | 198.9 | 2.1 |
| 160°-170° | 121.7 | 1.3 |
| 170°-180° | 41.1 | 0.4 |
| 0°-30° | 1861.1 | 20.0 |
| 0°-40° | 3046.2 | 32.8 |
| 0°-60° | 5275.5 | 56.8 |
| 0°-90° | 6498.5 | 70.0 |
| 90°-120° | 1332.8 | 14.4 |
| 90°-150° | 2427.4 | 26.1 |
| 90°-180° | 2789.0 | 30.0 |
| 0°-180° | 9287.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2506 | 2506 | 2506 | 2506 | 2506 | |
| 5° | 2518 | 2596 | 2518 | 2041 | 2518 | 239 |
| 15° | 2404 | 2572 | 2404 | 2148 | 2404 | 676 |
| 25° | 2117 | 2399 | 2117 | 2100 | 2117 | 972 |
| 35° | 1610 | 2141 | 1610 | 1828 | 1610 | 996 |
| 45° | 1038 | 1764 | 1038 | 1548 | 1038 | 832 |
| 55° | 846 | 1301 | 846 | 1271 | 846 | 778 |
| 65° | 588 | 785 | 588 | 877 | 588 | 562 |
| 75° | 223 | 372 | 223 | 446 | 223 | 234 |
| 85° | 38 | 95 | 38 | 81 | 38 | 51 |
| 90° | 3 | 11 | 3 | 11 | 3 | 4 |
| 95° | 28 | 127 | 28 | 127 | 28 | 31 |
| 105° | 99 | 863 | 99 | 863 | 99 | 105 |
| 115° | 176 | 1112 | 176 | 1112 | 176 | 174 |
| 125° | 246 | 885 | 246 | 885 | 246 | 218 |
| 135° | 292 | 687 | 292 | 687 | 292 | 226 |
| 145° | 339 | 557 | 339 | 557 | 339 | 213 |
| 155° | 384 | 480 | 384 | 480 | 384 | 176 |
| 165° | 414 | 447 | 414 | 447 | 414 | 117 |
| 175° | 430 | 433 | 430 | 433 | 430 | 41 |
| 180° | 430 | 430 | 430 | 430 | 430 | |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 |
| 2.5° | 2527.0 | 2527.0 | 2541.3 | 2546.0 | 2546.0 | 2538.9 | 2531.8 | 2538.9 | 2560.3 | 2567.4 | 2565.0 |
| 5° | 2517.6 | 2536.6 | 2562.6 | 2567.4 | 2572.1 | 2569.7 | 2565.0 | 2569.7 | 2593.4 | 2598.2 | 2600.5 |
| 7.5° | 2498.6 | 2534.1 | 2567.4 | 2574.5 | 2581.6 | 2574.5 | 2572.1 | 2576.8 | 2600.5 | 2605.3 | 2605.3 |
| 10° | 2474.9 | 2524.7 | 2562.6 | 2567.4 | 2574.5 | 2567.4 | 2567.4 | 2576.8 | 2600.5 | 2605.3 | 2607.6 |
| 12.5° | 2441.8 | 2510.5 | 2546.0 | 2550.8 | 2560.3 | 2557.9 | 2555.5 | 2565.0 | 2588.7 | 2593.4 | 2593.4 |
| 15° | 2403.8 | 2484.3 | 2517.6 | 2522.4 | 2538.9 | 2534.1 | 2534.1 | 2543.7 | 2569.7 | 2576.8 | 2574.5 |
| 17.5° | 2351.6 | 2451.2 | 2489.1 | 2496.2 | 2508.1 | 2505.7 | 2508.1 | 2517.6 | 2541.3 | 2546.0 | 2548.4 |
| 20° | 2292.4 | 2406.2 | 2451.2 | 2458.3 | 2470.1 | 2470.1 | 2470.1 | 2482.0 | 2505.7 | 2515.2 | 2515.2 |
| 22.5° | 2211.8 | 2358.7 | 2406.2 | 2410.9 | 2425.1 | 2425.1 | 2429.9 | 2446.4 | 2467.8 | 2470.1 | 2470.1 |
| 25° | 2116.9 | 2306.6 | 2346.9 | 2361.2 | 2375.3 | 2382.4 | 2389.5 | 2399.1 | 2406.2 | 2403.8 | 2406.2 |
| 27.5° | 2017.3 | 2240.2 | 2292.4 | 2301.8 | 2320.8 | 2327.9 | 2337.4 | 2339.8 | 2342.2 | 2349.3 | 2344.5 |
| 30° | 1905.9 | 2147.7 | 2226.0 | 2235.4 | 2266.3 | 2271.0 | 2261.6 | 2266.3 | 2278.1 | 2282.9 | 2287.6 |
| 32.5° | 1780.3 | 2010.2 | 2157.3 | 2178.6 | 2207.0 | 2192.8 | 2190.4 | 2197.5 | 2216.5 | 2216.5 | 2221.2 |
| 35° | 1609.7 | 1903.6 | 2093.3 | 2112.2 | 2133.5 | 2116.9 | 2126.4 | 2128.8 | 2140.6 | 2147.7 | 2145.4 |
| 37.5° | 1422.4 | 1811.1 | 2026.9 | 2041.1 | 2057.7 | 2036.3 | 2050.6 | 2057.7 | 2067.1 | 2062.5 | 2062.5 |
| 40° | 1256.4 | 1666.5 | 1948.6 | 1958.1 | 1972.3 | 1955.7 | 1970.0 | 1974.8 | 1979.4 | 1974.8 | 1972.3 |
| 42.5° | 1133.1 | 1507.7 | 1865.7 | 1877.5 | 1868.0 | 1879.9 | 1884.6 | 1894.2 | 1887.0 | 1877.5 | 1877.5 |
| 45° | 1038.3 | 1465.1 | 1775.5 | 1789.8 | 1775.5 | 1794.6 | 1801.7 | 1801.7 | 1780.3 | 1775.5 | 1773.2 |
| 47.5° | 1007.5 | 1379.7 | 1685.5 | 1685.5 | 1678.4 | 1702.1 | 1714.0 | 1697.4 | 1676.0 | 1668.9 | 1668.9 |
| 50° | 1005.2 | 1284.9 | 1562.2 | 1552.8 | 1585.9 | 1614.4 | 1602.6 | 1585.9 | 1569.3 | 1543.2 | 1543.2 |
| 52.5° | 912.7 | 1168.7 | 1403.4 | 1438.9 | 1491.1 | 1507.7 | 1488.7 | 1472.2 | 1443.7 | 1431.8 | 1422.4 |
| 55° | 846.3 | 1047.8 | 1258.8 | 1329.9 | 1384.5 | 1405.8 | 1370.2 | 1353.6 | 1311.0 | 1303.9 | 1299.1 |
| 57.5° | 832.1 | 872.4 | 1126.0 | 1216.2 | 1282.5 | 1280.1 | 1258.8 | 1227.9 | 1192.4 | 1185.3 | 1182.9 |
| 60° | 763.4 | 630.5 | 983.8 | 1090.4 | 1159.2 | 1152.1 | 1133.1 | 1104.7 | 1071.5 | 1066.8 | 1062.1 |
| 62.5° | 692.2 | 457.6 | 822.6 | 943.5 | 1040.7 | 1038.3 | 1021.7 | 979.0 | 955.4 | 943.5 | 934.0 |
| 65° | 588.0 | 384.1 | 585.5 | 784.7 | 924.6 | 929.2 | 893.7 | 862.9 | 836.9 | 822.6 | 820.2 |
| 67.5° | 448.0 | 312.9 | 395.9 | 654.3 | 813.1 | 808.4 | 763.4 | 749.1 | 715.9 | 708.8 | 694.6 |
| 70° | 331.9 | 208.7 | 275.0 | 531.0 | 704.0 | 692.2 | 656.7 | 640.1 | 609.2 | 592.6 | 583.2 |
| 72.5° | 275.0 | 168.3 | 201.5 | 412.5 | 592.6 | 578.4 | 547.6 | 528.6 | 502.6 | 488.4 | 478.9 |
| 75° | 222.9 | 177.8 | 154.1 | 305.8 | 481.2 | 471.8 | 443.3 | 424.3 | 403.0 | 384.1 | 386.4 |
| 77.5° | 163.5 | 166.0 | 123.3 | 225.2 | 381.6 | 367.4 | 350.8 | 327.2 | 317.7 | 298.7 | 298.7 |
| 80° | 123.3 | 130.4 | 92.5 | 154.1 | 275.0 | 275.0 | 260.8 | 244.1 | 227.6 | 218.1 | 218.1 |
| 82.5° | 82.9 | 82.9 | 68.7 | 97.2 | 187.3 | 180.2 | 170.6 | 166.0 | 156.4 | 151.7 | 151.7 |
| 85° | 37.9 | 47.4 | 42.7 | 59.3 | 101.9 | 106.7 | 106.7 | 101.9 | 99.6 | 94.8 | 97.2 |
| 87.5° | 11.9 | 21.3 | 26.1 | 33.2 | 52.1 | 54.5 | 56.9 | 56.9 | 56.9 | 59.3 | 59.3 |
| 90° | 2.9 | 5.2 | 7.6 | 8.1 | 12.7 | 18.9 | 21.9 | 19.5 | 14.6 | 10.9 | 10.9 |
| 92.5° | 11.6 | 31.2 | 50.8 | 55.8 | 78.4 | 108.5 | 123.6 | 108.3 | 77.7 | 54.8 | 52.7 |
| 95° | 27.7 | 63.6 | 99.6 | 108.5 | 192.8 | 305.1 | 361.3 | 322.4 | 244.6 | 186.2 | 179.6 |
| 97.5° | 47.9 | 79.7 | 111.3 | 119.3 | 259.7 | 447.0 | 540.6 | 516.0 | 466.8 | 429.9 | 417.3 |
| 100° | 63.5 | 92.3 | 121.0 | 128.2 | 284.0 | 491.8 | 595.7 | 597.5 | 601.1 | 603.8 | 588.9 |
| 102.5° | 76.8 | 103.7 | 130.5 | 137.2 | 295.2 | 505.9 | 611.3 | 642.6 | 705.3 | 752.2 | 739.4 |
| 105° | 99.4 | 122.1 | 144.8 | 150.5 | 303.5 | 507.5 | 609.5 | 679.8 | 820.1 | 925.5 | 918.6 |
| 107.5° | 122.4 | 143.6 | 164.8 | 170.1 | 305.0 | 484.9 | 574.9 | 672.8 | 868.6 | 1015.5 | 1017.2 |
| 110° | 138.0 | 157.1 | 176.2 | 181.0 | 302.7 | 464.9 | 546.0 | 655.5 | 874.5 | 1038.7 | 1045.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 153.4 | 171.6 | 189.8 | 194.4 | 302.8 | 447.5 | 519.8 | 631.9 | 855.9 | 1023.9 | 1035.0 |
| 115° | 176.4 | 193.2 | 210.1 | 214.3 | 305.6 | 427.4 | 488.3 | 596.3 | 812.1 | 974.0 | 989.3 |
| 117.5° | 199.2 | 214.5 | 229.8 | 233.6 | 311.3 | 414.9 | 466.6 | 564.0 | 758.9 | 905.0 | 922.0 |
| 120° | 212.5 | 226.9 | 241.3 | 244.9 | 315.9 | 410.6 | 457.9 | 547.0 | 725.0 | 858.4 | 875.0 |
| 122.5° | 225.6 | 240.0 | 254.5 | 258.2 | 322.5 | 408.3 | 451.3 | 531.4 | 691.8 | 812.0 | 828.3 |
| 125° | 245.5 | 258.6 | 271.9 | 275.2 | 331.5 | 406.6 | 444.1 | 512.2 | 648.4 | 750.5 | 765.4 |
| 127.5° | 261.6 | 275.0 | 288.3 | 291.7 | 340.4 | 405.5 | 438.0 | 496.5 | 613.4 | 701.1 | 713.7 |
| 130° | 270.3 | 284.7 | 299.1 | 302.6 | 347.0 | 406.1 | 435.7 | 487.7 | 591.9 | 670.0 | 681.6 |
| 132.5° | 279.3 | 293.6 | 308.0 | 311.6 | 352.3 | 406.6 | 433.7 | 480.4 | 573.5 | 643.3 | 653.8 |
| 135° | 292.5 | 305.6 | 318.7 | 321.9 | 358.1 | 406.2 | 430.3 | 469.3 | 547.3 | 605.8 | 614.9 |
| 137.5° | 306.1 | 319.1 | 331.9 | 335.2 | 366.7 | 408.6 | 429.6 | 462.6 | 528.6 | 578.1 | 585.4 |
| 140° | 317.4 | 329.3 | 341.2 | 344.2 | 372.0 | 409.1 | 427.7 | 456.2 | 513.1 | 555.8 | 562.7 |
| 142.5° | 326.0 | 337.0 | 348.0 | 350.8 | 376.4 | 410.6 | 427.7 | 452.7 | 502.7 | 540.2 | 546.2 |
| 145° | 339.3 | 348.9 | 358.6 | 361.0 | 382.3 | 410.6 | 424.8 | 445.2 | 486.1 | 516.9 | 521.4 |
| 147.5° | 352.6 | 361.9 | 371.4 | 373.7 | 390.7 | 413.4 | 424.8 | 440.8 | 473.1 | 497.3 | 501.0 |
| 150° | 361.3 | 369.8 | 378.2 | 380.3 | 395.2 | 414.9 | 424.8 | 438.4 | 465.6 | 486.0 | 488.9 |
| 152.5° | 370.1 | 376.6 | 383.0 | 384.6 | 398.0 | 415.8 | 424.8 | 436.4 | 459.6 | 477.0 | 479.2 |
| 155° | 383.5 | 388.3 | 392.9 | 394.1 | 404.3 | 418.0 | 424.8 | 434.0 | 452.5 | 466.3 | 467.8 |
| 157.5° | 393.3 | 397.9 | 402.6 | 403.7 | 410.7 | 420.1 | 424.8 | 432.0 | 446.4 | 457.1 | 458.1 |
| 160° | 399.9 | 403.5 | 407.0 | 408.0 | 413.6 | 421.0 | 424.8 | 430.9 | 443.3 | 452.5 | 453.1 |
| 162.5° | 406.6 | 409.3 | 412.0 | 412.6 | 416.7 | 422.1 | 424.8 | 430.0 | 440.4 | 448.1 | 448.7 |
| 165° | 413.8 | 416.2 | 418.6 | 419.3 | 421.1 | 423.6 | 424.8 | 428.5 | 435.9 | 441.5 | 442.2 |
| 167.5° | 420.4 | 421.5 | 422.7 | 423.0 | 424.6 | 426.7 | 427.7 | 430.1 | 435.0 | 438.6 | 438.9 |
| 170° | 424.8 | 425.9 | 427.1 | 427.4 | 427.5 | 427.6 | 427.7 | 430.1 | 435.0 | 438.6 | 438.6 |
| 172.5° | 427.1 | 427.4 | 427.6 | 427.7 | 427.7 | 427.7 | 427.7 | 429.5 | 433.4 | 436.3 | 436.1 |
| 175° | 430.3 | 430.3 | 430.3 | 430.3 | 429.5 | 428.2 | 427.7 | 428.9 | 431.3 | 433.1 | 433.1 |
| 177.5° | 430.3 | 430.3 | 430.3 | 430.3 | 429.6 | 428.7 | 428.2 | 429.2 | 431.1 | 432.5 | 432.3 |
| 180° | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 |
| 2.5° | 2569.7 | 2562.6 | 2569.7 | 2565.0 | 2567.4 | 2560.3 | 2538.9 | 2531.8 | 2538.9 | 2546.0 | 2546.0 |
| 5° | 2600.5 | 2595.8 | 2600.5 | 2600.5 | 2598.2 | 2593.4 | 2569.7 | 2565.0 | 2569.7 | 2572.1 | 2567.4 |
| 7.5° | 2610.1 | 2603.0 | 2610.1 | 2605.3 | 2605.3 | 2600.5 | 2576.8 | 2572.1 | 2574.5 | 2581.6 | 2574.5 |
| 10° | 2610.1 | 2603.0 | 2610.1 | 2607.6 | 2605.3 | 2600.5 | 2576.8 | 2567.4 | 2567.4 | 2574.5 | 2567.4 |
| 12.5° | 2598.2 | 2593.4 | 2598.2 | 2593.4 | 2593.4 | 2588.7 | 2565.0 | 2555.5 | 2557.9 | 2560.3 | 2550.8 |
| 15° | 2579.2 | 2572.1 | 2579.2 | 2574.5 | 2576.8 | 2569.7 | 2543.7 | 2534.1 | 2534.1 | 2538.9 | 2522.4 |
| 17.5° | 2550.8 | 2541.3 | 2550.8 | 2548.4 | 2546.0 | 2541.3 | 2517.6 | 2508.1 | 2505.7 | 2508.1 | 2496.2 |
| 20° | 2517.6 | 2510.5 | 2517.6 | 2515.2 | 2515.2 | 2505.7 | 2482.0 | 2470.1 | 2470.1 | 2470.1 | 2458.3 |
| 22.5° | 2465.4 | 2458.3 | 2465.4 | 2470.1 | 2470.1 | 2467.8 | 2446.4 | 2429.9 | 2425.1 | 2425.1 | 2410.9 |
| 25° | 2406.2 | 2399.1 | 2406.2 | 2406.2 | 2403.8 | 2406.2 | 2399.1 | 2389.5 | 2382.4 | 2375.3 | 2361.2 |
| 27.5° | 2349.3 | 2344.5 | 2349.3 | 2344.5 | 2349.3 | 2342.2 | 2339.8 | 2337.4 | 2327.9 | 2320.8 | 2301.8 |
| 30° | 2292.4 | 2287.6 | 2292.4 | 2287.6 | 2282.9 | 2278.1 | 2266.3 | 2261.6 | 2271.0 | 2266.3 | 2235.4 |
| 32.5° | 2221.2 | 2216.5 | 2221.2 | 2221.2 | 2216.5 | 2216.5 | 2197.5 | 2190.4 | 2192.8 | 2207.0 | 2178.6 |
| 35° | 2147.7 | 2140.6 | 2147.7 | 2145.4 | 2147.7 | 2140.6 | 2128.8 | 2126.4 | 2116.9 | 2133.5 | 2112.2 |
| 37.5° | 2062.5 | 2055.3 | 2062.5 | 2062.5 | 2062.5 | 2067.1 | 2057.7 | 2050.6 | 2036.3 | 2057.7 | 2041.1 |
| 40° | 1974.8 | 1965.2 | 1974.8 | 1972.3 | 1974.8 | 1979.4 | 1974.8 | 1970.0 | 1955.7 | 1972.3 | 1958.1 |
| 42.5° | 1875.2 | 1872.8 | 1875.2 | 1877.5 | 1877.5 | 1887.0 | 1894.2 | 1884.6 | 1879.9 | 1868.0 | 1877.5 |
| 45° | 1768.4 | 1763.8 | 1768.4 | 1773.2 | 1775.5 | 1780.3 | 1801.7 | 1801.7 | 1794.6 | 1775.5 | 1789.8 |
| 47.5° | 1654.7 | 1642.8 | 1654.7 | 1668.9 | 1668.9 | 1676.0 | 1697.4 | 1714.0 | 1702.1 | 1678.4 | 1685.5 |
| 50° | 1533.8 | 1536.1 | 1533.8 | 1543.2 | 1543.2 | 1569.3 | 1585.9 | 1602.6 | 1614.4 | 1585.9 | 1552.8 |
| 52.5° | 1415.3 | 1412.9 | 1415.3 | 1422.4 | 1431.8 | 1443.7 | 1472.2 | 1488.7 | 1507.7 | 1491.1 | 1438.9 |
| 55° | 1296.7 | 1301.4 | 1296.7 | 1299.1 | 1303.9 | 1311.0 | 1353.6 | 1370.2 | 1405.8 | 1384.5 | 1329.9 |
| 57.5° | 1178.1 | 1171.0 | 1178.1 | 1182.9 | 1185.3 | 1192.4 | 1227.9 | 1258.8 | 1280.1 | 1282.5 | 1216.2 |
| 60° | 1040.7 | 1031.2 | 1040.7 | 1062.1 | 1066.8 | 1071.5 | 1104.7 | 1133.1 | 1152.1 | 1159.2 | 1090.4 |
| 62.5° | 919.8 | 903.2 | 919.8 | 934.0 | 943.5 | 955.4 | 979.0 | 1021.7 | 1038.3 | 1040.7 | 943.5 |
| 65° | 791.8 | 784.7 | 791.8 | 820.2 | 822.6 | 836.9 | 862.9 | 893.7 | 929.2 | 924.6 | 784.7 |
| 67.5° | 675.7 | 675.7 | 675.7 | 694.6 | 708.8 | 715.9 | 749.1 | 763.4 | 808.4 | 813.1 | 654.3 |
| 70° | 568.9 | 566.6 | 568.9 | 583.2 | 592.6 | 609.2 | 640.1 | 656.7 | 692.2 | 704.0 | 531.0 |
| 72.5° | 467.0 | 464.7 | 467.0 | 478.9 | 488.4 | 502.6 | 528.6 | 547.6 | 578.4 | 592.6 | 412.5 |
| 75° | 377.0 | 372.2 | 377.0 | 386.4 | 384.1 | 403.0 | 424.3 | 443.3 | 471.8 | 481.2 | 305.8 |
| 77.5° | 289.3 | 289.3 | 289.3 | 298.7 | 298.7 | 317.7 | 327.2 | 350.8 | 367.4 | 381.6 | 225.2 |
| 80° | 215.8 | 213.3 | 215.8 | 218.1 | 218.1 | 227.6 | 244.1 | 260.8 | 275.0 | 275.0 | 154.1 |
| 82.5° | 151.7 | 147.0 | 151.7 | 151.7 | 151.7 | 156.4 | 166.0 | 170.6 | 180.2 | 187.3 | 97.2 |
| 85° | 94.8 | 94.8 | 94.8 | 97.2 | 94.8 | 99.6 | 101.9 | 106.7 | 106.7 | 101.9 | 59.3 |
| 87.5° | 61.6 | 59.3 | 61.6 | 59.3 | 59.3 | 56.9 | 56.9 | 56.9 | 54.5 | 52.1 | 33.2 |
| 90° | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 14.6 | 19.5 | 21.9 | 18.9 | 12.7 | 8.1 |
| 92.5° | 43.9 | 35.2 | 43.9 | 52.7 | 54.8 | 77.7 | 108.3 | 123.6 | 108.5 | 78.4 | 55.8 |
| 95° | 153.2 | 126.7 | 153.2 | 179.6 | 186.2 | 244.6 | 322.4 | 361.3 | 305.1 | 192.8 | 108.5 |
| 97.5° | 367.1 | 316.8 | 367.1 | 417.3 | 429.9 | 466.8 | 516.0 | 540.6 | 447.0 | 259.7 | 119.3 |
| 100° | 528.9 | 469.0 | 528.9 | 588.9 | 603.8 | 601.1 | 597.5 | 595.7 | 491.8 | 284.0 | 128.2 |
| 102.5° | 688.1 | 636.7 | 688.1 | 739.4 | 752.2 | 705.3 | 642.6 | 611.3 | 505.9 | 295.2 | 137.2 |
| 105° | 891.0 | 863.4 | 891.0 | 918.6 | 925.5 | 820.1 | 679.8 | 609.5 | 507.5 | 303.5 | 150.5 |
| 107.5° | 1023.9 | 1030.6 | 1023.9 | 1017.2 | 1015.5 | 868.6 | 672.8 | 574.9 | 484.9 | 305.0 | 170.1 |
| 110° | 1074.6 | 1103.3 | 1074.6 | 1045.9 | 1038.7 | 874.5 | 655.5 | 546.0 | 464.9 | 302.7 | 181.0 |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 1079.1 | 1123.2 | 1079.1 | 1035.0 | 1023.9 | 855.9 | 631.9 | 519.8 | 447.5 | 302.8 | 194.4 |
| 115° | 1050.5 | 1111.7 | 1050.5 | 989.3 | 974.0 | 812.1 | 596.3 | 488.3 | 427.4 | 305.6 | 214.3 |
| 117.5° | 989.9 | 1057.8 | 989.9 | 922.0 | 905.0 | 758.9 | 564.0 | 466.6 | 414.9 | 311.3 | 233.6 |
| 120° | 940.9 | 1006.9 | 940.9 | 875.0 | 858.4 | 725.0 | 547.0 | 457.9 | 410.6 | 315.9 | 244.9 |
| 122.5° | 893.4 | 958.4 | 893.4 | 828.3 | 812.0 | 691.8 | 531.4 | 451.3 | 408.3 | 322.5 | 258.2 |
| 125° | 825.4 | 885.3 | 825.4 | 765.4 | 750.5 | 648.4 | 512.2 | 444.1 | 406.6 | 331.5 | 275.2 |
| 127.5° | 764.3 | 814.9 | 764.3 | 713.7 | 701.1 | 613.4 | 496.5 | 438.0 | 405.5 | 340.4 | 291.7 |
| 130° | 728.3 | 775.0 | 728.3 | 681.6 | 670.0 | 591.9 | 487.7 | 435.7 | 406.1 | 347.0 | 302.6 |
| 132.5° | 695.6 | 737.5 | 695.6 | 653.8 | 643.3 | 573.5 | 480.4 | 433.7 | 406.6 | 352.3 | 311.6 |
| 135° | 650.9 | 687.0 | 650.9 | 614.9 | 605.8 | 547.3 | 469.3 | 430.3 | 406.2 | 358.1 | 321.9 |
| 137.5° | 615.0 | 644.6 | 615.0 | 585.4 | 578.1 | 528.6 | 462.6 | 429.6 | 408.6 | 366.7 | 335.2 |
| 140° | 590.3 | 617.9 | 590.3 | 562.7 | 555.8 | 513.1 | 456.2 | 427.7 | 409.1 | 372.0 | 344.2 |
| 142.5° | 569.9 | 593.7 | 569.9 | 546.2 | 540.2 | 502.7 | 452.7 | 427.7 | 410.6 | 376.4 | 350.8 |
| 145° | 539.4 | 557.3 | 539.4 | 521.4 | 516.9 | 486.1 | 445.2 | 424.8 | 410.6 | 382.3 | 361.0 |
| 147.5° | 515.8 | 530.7 | 515.8 | 501.0 | 497.3 | 473.1 | 440.8 | 424.8 | 413.4 | 390.7 | 373.7 |
| 150° | 501.1 | 513.1 | 501.1 | 488.9 | 486.0 | 465.6 | 438.4 | 424.8 | 414.9 | 395.2 | 380.3 |
| 152.5° | 488.4 | 497.5 | 488.4 | 479.2 | 477.0 | 459.6 | 436.4 | 424.8 | 415.8 | 398.0 | 384.6 |
| 155° | 473.9 | 479.9 | 473.9 | 467.8 | 466.3 | 452.5 | 434.0 | 424.8 | 418.0 | 404.3 | 394.1 |
| 157.5° | 462.4 | 466.6 | 462.4 | 458.1 | 457.1 | 446.4 | 432.0 | 424.8 | 420.1 | 410.7 | 403.7 |
| 160° | 455.5 | 457.9 | 455.5 | 453.1 | 452.5 | 443.3 | 430.9 | 424.8 | 421.0 | 413.6 | 408.0 |
| 162.5° | 451.0 | 453.4 | 451.0 | 448.7 | 448.1 | 440.4 | 430.0 | 424.8 | 422.1 | 416.7 | 412.6 |
| 165° | 444.6 | 447.0 | 444.6 | 442.2 | 441.5 | 435.9 | 428.5 | 424.8 | 423.6 | 421.1 | 419.3 |
| 167.5° | 439.9 | 440.9 | 439.9 | 438.9 | 438.6 | 435.0 | 430.1 | 427.7 | 426.7 | 424.6 | 423.0 |
| 170° | 438.6 | 438.6 | 438.6 | 438.6 | 438.6 | 435.0 | 430.1 | 427.7 | 427.6 | 427.5 | 427.4 |
| 172.5° | 435.2 | 434.3 | 435.2 | 436.1 | 436.3 | 433.4 | 429.5 | 427.7 | 427.7 | 427.7 | 427.7 |
| 175° | 433.1 | 433.1 | 433.1 | 433.1 | 433.1 | 431.3 | 428.9 | 427.7 | 428.2 | 429.5 | 430.3 |
| 177.5° | 431.3 | 430.3 | 431.3 | 432.3 | 432.5 | 431.1 | 429.2 | 428.2 | 428.7 | 429.6 | 430.3 |
| 180° | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 |
| 2.5° | 2541.3 | 2527.0 | 2527.0 | 2503.4 | 2493.9 | 2486.8 | 2474.9 | 2439.3 | 2429.9 | 2420.4 | 2434.6 |
| 5° | 2562.6 | 2536.6 | 2517.6 | 2474.9 | 2439.3 | 2425.1 | 2380.1 | 2294.7 | 2237.9 | 2195.2 | 2171.5 |
| 7.5° | 2567.4 | 2534.1 | 2498.6 | 2432.2 | 2346.9 | 2308.9 | 2171.5 | 2015.0 | 1972.3 | 1934.4 | 1910.7 |
| 10° | 2562.6 | 2524.7 | 2474.9 | 2375.3 | 2173.9 | 2107.5 | 1970.0 | 1868.0 | 1841.9 | 1834.8 | 1841.9 |
| 12.5° | 2546.0 | 2510.5 | 2441.8 | 2275.8 | 1993.7 | 1948.6 | 1868.0 | 1808.8 | 1804.0 | 1815.9 | 1879.9 |
| 15° | 2517.6 | 2484.3 | 2403.8 | 2143.1 | 1894.2 | 1860.9 | 1804.0 | 1782.7 | 1808.8 | 1891.7 | 2083.8 |
| 17.5° | 2489.1 | 2451.2 | 2351.6 | 2012.7 | 1818.2 | 1794.6 | 1754.2 | 1796.9 | 1943.9 | 2055.3 | 2119.3 |
| 20° | 2451.2 | 2406.2 | 2292.4 | 1917.8 | 1763.8 | 1742.4 | 1723.4 | 1915.4 | 2026.9 | 2067.1 | 2102.7 |
| 22.5° | 2406.2 | 2358.7 | 2211.8 | 1851.5 | 1706.8 | 1690.3 | 1702.1 | 1981.9 | 2026.9 | 2055.3 | 2086.1 |
| 25° | 2346.9 | 2306.6 | 2116.9 | 1799.3 | 1661.8 | 1642.8 | 1687.8 | 1974.8 | 2000.8 | 2007.9 | 2069.6 |
| 27.5° | 2292.4 | 2240.2 | 2017.3 | 1751.9 | 1607.2 | 1600.1 | 1699.7 | 1943.9 | 1962.9 | 1970.0 | 2036.3 |
| 30° | 2226.0 | 2147.7 | 1905.9 | 1702.1 | 1550.3 | 1548.0 | 1702.1 | 1905.9 | 1901.3 | 1920.2 | 1986.5 |
| 32.5° | 2157.3 | 2010.2 | 1780.3 | 1640.5 | 1495.9 | 1493.5 | 1685.5 | 1849.0 | 1844.4 | 1870.4 | 1920.2 |
| 35° | 2093.3 | 1903.6 | 1609.7 | 1569.3 | 1427.1 | 1429.5 | 1645.2 | 1782.7 | 1785.1 | 1808.8 | 1839.6 |
| 37.5° | 2026.9 | 1811.1 | 1422.4 | 1491.1 | 1360.7 | 1360.7 | 1590.7 | 1721.1 | 1716.3 | 1723.4 | 1766.1 |
| 40° | 1948.6 | 1666.5 | 1256.4 | 1389.1 | 1299.1 | 1292.0 | 1524.3 | 1654.7 | 1638.0 | 1635.7 | 1695.0 |
| 42.5° | 1865.7 | 1507.7 | 1133.1 | 1254.1 | 1227.9 | 1218.5 | 1443.7 | 1574.1 | 1543.2 | 1550.3 | 1626.2 |
| 45° | 1775.5 | 1465.1 | 1038.3 | 1059.6 | 1154.5 | 1147.3 | 1356.0 | 1481.6 | 1460.3 | 1479.3 | 1557.4 |
| 47.5° | 1685.5 | 1379.7 | 1007.5 | 879.5 | 1076.2 | 1073.9 | 1258.8 | 1391.6 | 1379.7 | 1398.7 | 1481.6 |
| 50° | 1562.2 | 1284.9 | 1005.2 | 753.8 | 988.5 | 998.0 | 1142.7 | 1303.9 | 1303.9 | 1320.4 | 1408.1 |
| 52.5° | 1403.4 | 1168.7 | 912.7 | 682.8 | 886.6 | 915.0 | 1040.7 | 1227.9 | 1232.7 | 1249.3 | 1327.5 |
| 55° | 1258.8 | 1047.8 | 846.3 | 628.2 | 765.7 | 827.3 | 941.1 | 1149.8 | 1159.2 | 1175.8 | 1246.9 |
| 57.5° | 1126.0 | 872.4 | 832.1 | 564.2 | 654.3 | 713.6 | 853.4 | 1073.9 | 1078.6 | 1092.9 | 1161.6 |
| 60° | 983.8 | 630.5 | 763.4 | 495.5 | 557.1 | 602.1 | 772.8 | 983.8 | 1000.4 | 1009.8 | 1069.1 |
| 62.5° | 822.6 | 457.6 | 692.2 | 448.0 | 509.7 | 519.1 | 706.5 | 898.4 | 919.8 | 926.9 | 962.5 |
| 65° | 585.5 | 384.1 | 588.0 | 407.8 | 459.9 | 462.2 | 635.3 | 810.7 | 829.7 | 841.5 | 867.7 |
| 67.5° | 395.9 | 312.9 | 448.0 | 369.8 | 422.0 | 424.3 | 566.6 | 708.8 | 734.9 | 744.4 | 760.9 |
| 70° | 275.0 | 208.7 | 331.9 | 329.5 | 379.3 | 384.1 | 493.1 | 616.3 | 640.1 | 647.2 | 656.7 |
| 72.5° | 201.5 | 168.3 | 275.0 | 296.4 | 334.3 | 339.0 | 417.2 | 512.0 | 535.7 | 542.8 | 547.6 |
| 75° | 154.1 | 177.8 | 222.9 | 258.4 | 284.5 | 286.8 | 341.4 | 417.2 | 433.8 | 438.6 | 440.9 |
| 77.5° | 123.3 | 166.0 | 163.5 | 208.7 | 232.3 | 227.6 | 267.9 | 322.4 | 336.6 | 336.6 | 336.6 |
| 80° | 92.5 | 130.4 | 123.3 | 149.3 | 170.6 | 166.0 | 192.0 | 230.0 | 234.7 | 239.4 | 237.0 |
| 82.5° | 68.7 | 82.9 | 82.9 | 94.8 | 113.8 | 109.1 | 128.1 | 149.3 | 149.3 | 149.3 | 154.1 |
| 85° | 42.7 | 47.4 | 37.9 | 49.8 | 64.0 | 61.6 | 71.1 | 80.6 | 82.9 | 82.9 | 78.3 |
| 87.5° | 26.1 | 21.3 | 11.9 | 19.0 | 28.5 | 28.5 | 33.2 | 35.6 | 33.2 | 33.2 | 33.2 |
| 90° | 7.6 | 5.2 | 2.9 | 5.2 | 7.6 | 8.1 | 12.7 | 18.9 | 21.9 | 19.5 | 14.6 |
| 92.5° | 50.8 | 31.2 | 11.6 | 31.2 | 50.8 | 55.8 | 78.4 | 108.5 | 123.6 | 108.3 | 77.7 |
| 95° | 99.6 | 63.6 | 27.7 | 63.6 | 99.6 | 108.5 | 192.8 | 305.1 | 361.3 | 322.4 | 244.6 |
| 97.5° | 111.3 | 79.7 | 47.9 | 79.7 | 111.3 | 119.3 | 259.7 | 447.0 | 540.6 | 516.0 | 466.8 |
| 100° | 121.0 | 92.3 | 63.5 | 92.3 | 121.0 | 128.2 | 284.0 | 491.8 | 595.7 | 597.5 | 601.1 |
| 102.5° | 130.5 | 103.7 | 76.8 | 103.7 | 130.5 | 137.2 | 295.2 | 505.9 | 611.3 | 642.6 | 705.3 |
| 105° | 144.8 | 122.1 | 99.4 | 122.1 | 144.8 | 150.5 | 303.5 | 507.5 | 609.5 | 679.8 | 820.1 |
| 107.5° | 164.8 | 143.6 | 122.4 | 143.6 | 164.8 | 170.1 | 305.0 | 484.9 | 574.9 | 672.8 | 868.6 |
| 110° | 176.2 | 157.1 | 138.0 | 157.1 | 176.2 | 181.0 | 302.7 | 464.9 | 546.0 | 655.5 | 874.5 |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 189.8 | 171.6 | 153.4 | 171.6 | 189.8 | 194.4 | 302.8 | 447.5 | 519.8 | 631.9 | 855.9 |
| 115° | 210.1 | 193.2 | 176.4 | 193.2 | 210.1 | 214.3 | 305.6 | 427.4 | 488.3 | 596.3 | 812.1 |
| 117.5° | 229.8 | 214.5 | 199.2 | 214.5 | 229.8 | 233.6 | 311.3 | 414.9 | 466.6 | 564.0 | 758.9 |
| 120° | 241.3 | 226.9 | 212.5 | 226.9 | 241.3 | 244.9 | 315.9 | 410.6 | 457.9 | 547.0 | 725.0 |
| 122.5° | 254.5 | 240.0 | 225.6 | 240.0 | 254.5 | 258.2 | 322.5 | 408.3 | 451.3 | 531.4 | 691.8 |
| 125° | 271.9 | 258.6 | 245.5 | 258.6 | 271.9 | 275.2 | 331.5 | 406.6 | 444.1 | 512.2 | 648.4 |
| 127.5° | 288.3 | 275.0 | 261.6 | 275.0 | 288.3 | 291.7 | 340.4 | 405.5 | 438.0 | 496.5 | 613.4 |
| 130° | 299.1 | 284.7 | 270.3 | 284.7 | 299.1 | 302.6 | 347.0 | 406.1 | 435.7 | 487.7 | 591.9 |
| 132.5° | 308.0 | 293.6 | 279.3 | 293.6 | 308.0 | 311.6 | 352.3 | 406.6 | 433.7 | 480.4 | 573.5 |
| 135° | 318.7 | 305.6 | 292.5 | 305.6 | 318.7 | 321.9 | 358.1 | 406.2 | 430.3 | 469.3 | 547.3 |
| 137.5° | 331.9 | 319.1 | 306.1 | 319.1 | 331.9 | 335.2 | 366.7 | 408.6 | 429.6 | 462.6 | 528.6 |
| 140° | 341.2 | 329.3 | 317.4 | 329.3 | 341.2 | 344.2 | 372.0 | 409.1 | 427.7 | 456.2 | 513.1 |
| 142.5° | 348.0 | 337.0 | 326.0 | 337.0 | 348.0 | 350.8 | 376.4 | 410.6 | 427.7 | 452.7 | 502.7 |
| 145° | 358.6 | 348.9 | 339.3 | 348.9 | 358.6 | 361.0 | 382.3 | 410.6 | 424.8 | 445.2 | 486.1 |
| 147.5° | 371.4 | 361.9 | 352.6 | 361.9 | 371.4 | 373.7 | 390.7 | 413.4 | 424.8 | 440.8 | 473.1 |
| 150° | 378.2 | 369.8 | 361.3 | 369.8 | 378.2 | 380.3 | 395.2 | 414.9 | 424.8 | 438.4 | 465.6 |
| 152.5° | 383.0 | 376.6 | 370.1 | 376.6 | 383.0 | 384.6 | 398.0 | 415.8 | 424.8 | 436.4 | 459.6 |
| 155° | 392.9 | 388.3 | 383.5 | 388.3 | 392.9 | 394.1 | 404.3 | 418.0 | 424.8 | 434.0 | 452.5 |
| 157.5° | 402.6 | 397.9 | 393.3 | 397.9 | 402.6 | 403.7 | 410.7 | 420.1 | 424.8 | 432.0 | 446.4 |
| 160° | 407.0 | 403.5 | 399.9 | 403.5 | 407.0 | 408.0 | 413.6 | 421.0 | 424.8 | 430.9 | 443.3 |
| 162.5° | 412.0 | 409.3 | 406.6 | 409.3 | 412.0 | 412.6 | 416.7 | 422.1 | 424.8 | 430.0 | 440.4 |
| 165° | 418.6 | 416.2 | 413.8 | 416.2 | 418.6 | 419.3 | 421.1 | 423.6 | 424.8 | 428.5 | 435.9 |
| 167.5° | 422.7 | 421.5 | 420.4 | 421.5 | 422.7 | 423.0 | 424.6 | 426.7 | 427.7 | 430.1 | 435.0 |
| 170° | 427.1 | 425.9 | 424.8 | 425.9 | 427.1 | 427.4 | 427.5 | 427.6 | 427.7 | 430.1 | 435.0 |
| 172.5° | 427.6 | 427.4 | 427.1 | 427.4 | 427.6 | 427.7 | 427.7 | 427.7 | 427.7 | 429.5 | 433.4 |
| 175° | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 429.5 | 428.2 | 427.7 | 428.9 | 431.3 |
| 177.5° | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 429.6 | 428.7 | 428.2 | 429.2 | 431.1 |
| 180° | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 |
| 2.5° | 2418.0 | 2410.9 | 2420.4 | 2394.3 | 2420.4 | 2410.9 | 2418.0 | 2434.6 | 2420.4 | 2429.9 | 2439.3 |
| 5° | 2121.7 | 2109.8 | 2071.9 | 2041.1 | 2071.9 | 2109.8 | 2121.7 | 2171.5 | 2195.2 | 2237.9 | 2294.7 |
| 7.5° | 1896.5 | 1887.0 | 1877.5 | 1858.6 | 1877.5 | 1887.0 | 1896.5 | 1910.7 | 1934.4 | 1972.3 | 2015.0 |
| 10° | 1846.7 | 1849.0 | 1863.3 | 1860.9 | 1863.3 | 1849.0 | 1846.7 | 1841.9 | 1834.8 | 1841.9 | 1868.0 |
| 12.5° | 1974.8 | 1996.1 | 2074.3 | 2069.6 | 2074.3 | 1996.1 | 1974.8 | 1879.9 | 1815.9 | 1804.0 | 1808.8 |
| 15° | 2121.7 | 2128.8 | 2145.4 | 2147.7 | 2145.4 | 2128.8 | 2121.7 | 2083.8 | 1891.7 | 1808.8 | 1782.7 |
| 17.5° | 2135.9 | 2138.3 | 2150.2 | 2150.2 | 2150.2 | 2138.3 | 2135.9 | 2119.3 | 2055.3 | 1943.9 | 1796.9 |
| 20° | 2124.1 | 2128.8 | 2152.5 | 2157.3 | 2152.5 | 2128.8 | 2124.1 | 2102.7 | 2067.1 | 2026.9 | 1915.4 |
| 22.5° | 2119.3 | 2128.8 | 2147.7 | 2145.4 | 2147.7 | 2128.8 | 2119.3 | 2086.1 | 2055.3 | 2026.9 | 1981.9 |
| 25° | 2095.6 | 2095.6 | 2098.0 | 2100.4 | 2098.0 | 2095.6 | 2095.6 | 2069.6 | 2007.9 | 2000.8 | 1974.8 |
| 27.5° | 2045.8 | 2050.6 | 2064.8 | 2062.5 | 2064.8 | 2050.6 | 2045.8 | 2036.3 | 1970.0 | 1962.9 | 1943.9 |
| 30° | 2000.8 | 1996.1 | 1984.2 | 1974.8 | 1984.2 | 1996.1 | 2000.8 | 1986.5 | 1920.2 | 1901.3 | 1905.9 |
| 32.5° | 1925.0 | 1913.1 | 1901.3 | 1894.2 | 1901.3 | 1913.1 | 1925.0 | 1920.2 | 1870.4 | 1844.4 | 1849.0 |
| 35° | 1834.8 | 1837.2 | 1834.8 | 1827.7 | 1834.8 | 1837.2 | 1834.8 | 1839.6 | 1808.8 | 1785.1 | 1782.7 |
| 37.5° | 1770.9 | 1775.5 | 1773.2 | 1763.8 | 1773.2 | 1775.5 | 1770.9 | 1766.1 | 1723.4 | 1716.3 | 1721.1 |
| 40° | 1704.5 | 1706.8 | 1704.5 | 1697.4 | 1704.5 | 1706.8 | 1704.5 | 1695.0 | 1635.7 | 1638.0 | 1654.7 |
| 42.5° | 1640.5 | 1638.0 | 1631.0 | 1626.2 | 1631.0 | 1638.0 | 1640.5 | 1626.2 | 1550.3 | 1543.2 | 1574.1 |
| 45° | 1567.0 | 1569.3 | 1555.1 | 1548.0 | 1555.1 | 1569.3 | 1567.0 | 1557.4 | 1479.3 | 1460.3 | 1481.6 |
| 47.5° | 1493.5 | 1493.5 | 1481.6 | 1474.5 | 1481.6 | 1493.5 | 1493.5 | 1481.6 | 1398.7 | 1379.7 | 1391.6 |
| 50° | 1415.3 | 1412.9 | 1396.3 | 1393.9 | 1396.3 | 1412.9 | 1415.3 | 1408.1 | 1320.4 | 1303.9 | 1303.9 |
| 52.5° | 1325.2 | 1325.2 | 1327.5 | 1332.3 | 1327.5 | 1325.2 | 1325.2 | 1327.5 | 1249.3 | 1232.7 | 1227.9 |
| 55° | 1246.9 | 1249.3 | 1265.9 | 1270.6 | 1265.9 | 1249.3 | 1246.9 | 1246.9 | 1175.8 | 1159.2 | 1149.8 |
| 57.5° | 1166.4 | 1166.4 | 1178.1 | 1178.1 | 1178.1 | 1166.4 | 1166.4 | 1161.6 | 1092.9 | 1078.6 | 1073.9 |
| 60° | 1073.9 | 1078.6 | 1088.1 | 1085.8 | 1088.1 | 1078.6 | 1073.9 | 1069.1 | 1009.8 | 1000.4 | 983.8 |
| 62.5° | 976.7 | 981.4 | 983.8 | 979.0 | 983.8 | 981.4 | 976.7 | 962.5 | 926.9 | 919.8 | 898.4 |
| 65° | 874.8 | 879.5 | 881.9 | 877.1 | 881.9 | 879.5 | 874.8 | 867.7 | 841.5 | 829.7 | 810.7 |
| 67.5° | 770.5 | 768.0 | 765.7 | 775.2 | 765.7 | 768.0 | 770.5 | 760.9 | 744.4 | 734.9 | 708.8 |
| 70° | 663.8 | 663.8 | 661.4 | 666.1 | 661.4 | 663.8 | 663.8 | 656.7 | 647.2 | 640.1 | 616.3 |
| 72.5° | 549.9 | 547.6 | 557.1 | 549.9 | 557.1 | 547.6 | 549.9 | 547.6 | 542.8 | 535.7 | 512.0 |
| 75° | 438.6 | 443.3 | 438.6 | 445.7 | 438.6 | 443.3 | 438.6 | 440.9 | 438.6 | 433.8 | 417.2 |
| 77.5° | 334.3 | 339.0 | 334.3 | 334.3 | 334.3 | 339.0 | 334.3 | 336.6 | 336.6 | 336.6 | 322.4 |
| 80° | 237.0 | 234.7 | 234.7 | 232.3 | 234.7 | 234.7 | 237.0 | 237.0 | 239.4 | 234.7 | 230.0 |
| 82.5° | 151.7 | 149.3 | 149.3 | 154.1 | 149.3 | 149.3 | 151.7 | 154.1 | 149.3 | 149.3 | 149.3 |
| 85° | 82.9 | 85.4 | 80.6 | 80.6 | 80.6 | 85.4 | 82.9 | 78.3 | 82.9 | 82.9 | 80.6 |
| 87.5° | 30.8 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 30.8 | 33.2 | 33.2 | 33.2 | 35.6 |
| 90° | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 14.6 | 19.5 | 21.9 | 18.9 |
| 92.5° | 54.8 | 52.7 | 43.9 | 35.2 | 43.9 | 52.7 | 54.8 | 77.7 | 108.3 | 123.6 | 108.5 |
| 95° | 186.2 | 179.6 | 153.2 | 126.7 | 153.2 | 179.6 | 186.2 | 244.6 | 322.4 | 361.3 | 305.1 |
| 97.5° | 429.9 | 417.3 | 367.1 | 316.8 | 367.1 | 417.3 | 429.9 | 466.8 | 516.0 | 540.6 | 447.0 |
| 100° | 603.8 | 588.9 | 528.9 | 469.0 | 528.9 | 588.9 | 603.8 | 601.1 | 597.5 | 595.7 | 491.8 |
| 102.5° | 752.2 | 739.4 | 688.1 | 636.7 | 688.1 | 739.4 | 752.2 | 705.3 | 642.6 | 611.3 | 505.9 |
| 105° | 925.5 | 918.6 | 891.0 | 863.4 | 891.0 | 918.6 | 925.5 | 820.1 | 679.8 | 609.5 | 507.5 |
| 107.5° | 1015.5 | 1017.2 | 1023.9 | 1030.6 | 1023.9 | 1017.2 | 1015.5 | 868.6 | 672.8 | 574.9 | 484.9 |
| 110° | 1038.7 | 1045.9 | 1074.6 | 1103.3 | 1074.6 | 1045.9 | 1038.7 | 874.5 | 655.5 | 546.0 | 464.9 |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1023.9 | 1035.0 | 1079.1 | 1123.2 | 1079.1 | 1035.0 | 1023.9 | 855.9 | 631.9 | 519.8 | 447.5 |
| 115° | 974.0 | 989.3 | 1050.5 | 1111.7 | 1050.5 | 989.3 | 974.0 | 812.1 | 596.3 | 488.3 | 427.4 |
| 117.5° | 905.0 | 922.0 | 989.9 | 1057.8 | 989.9 | 922.0 | 905.0 | 758.9 | 564.0 | 466.6 | 414.9 |
| 120° | 858.4 | 875.0 | 940.9 | 1006.9 | 940.9 | 875.0 | 858.4 | 725.0 | 547.0 | 457.9 | 410.6 |
| 122.5° | 812.0 | 828.3 | 893.4 | 958.4 | 893.4 | 828.3 | 812.0 | 691.8 | 531.4 | 451.3 | 408.3 |
| 125° | 750.5 | 765.4 | 825.4 | 885.3 | 825.4 | 765.4 | 750.5 | 648.4 | 512.2 | 444.1 | 406.6 |
| 127.5° | 701.1 | 713.7 | 764.3 | 814.9 | 764.3 | 713.7 | 701.1 | 613.4 | 496.5 | 438.0 | 405.5 |
| 130° | 670.0 | 681.6 | 728.3 | 775.0 | 728.3 | 681.6 | 670.0 | 591.9 | 487.7 | 435.7 | 406.1 |
| 132.5° | 643.3 | 653.8 | 695.6 | 737.5 | 695.6 | 653.8 | 643.3 | 573.5 | 480.4 | 433.7 | 406.6 |
| 135° | 605.8 | 614.9 | 650.9 | 687.0 | 650.9 | 614.9 | 605.8 | 547.3 | 469.3 | 430.3 | 406.2 |
| 137.5° | 578.1 | 585.4 | 615.0 | 644.6 | 615.0 | 585.4 | 578.1 | 528.6 | 462.6 | 429.6 | 408.6 |
| 140° | 555.8 | 562.7 | 590.3 | 617.9 | 590.3 | 562.7 | 555.8 | 513.1 | 456.2 | 427.7 | 409.1 |
| 142.5° | 540.2 | 546.2 | 569.9 | 593.7 | 569.9 | 546.2 | 540.2 | 502.7 | 452.7 | 427.7 | 410.6 |
| 145° | 516.9 | 521.4 | 539.4 | 557.3 | 539.4 | 521.4 | 516.9 | 486.1 | 445.2 | 424.8 | 410.6 |
| 147.5° | 497.3 | 501.0 | 515.8 | 530.7 | 515.8 | 501.0 | 497.3 | 473.1 | 440.8 | 424.8 | 413.4 |
| 150° | 486.0 | 488.9 | 501.1 | 513.1 | 501.1 | 488.9 | 486.0 | 465.6 | 438.4 | 424.8 | 414.9 |
| 152.5° | 477.0 | 479.2 | 488.4 | 497.5 | 488.4 | 479.2 | 477.0 | 459.6 | 436.4 | 424.8 | 415.8 |
| 155° | 466.3 | 467.8 | 473.9 | 479.9 | 473.9 | 467.8 | 466.3 | 452.5 | 434.0 | 424.8 | 418.0 |
| 157.5° | 457.1 | 458.1 | 462.4 | 466.6 | 462.4 | 458.1 | 457.1 | 446.4 | 432.0 | 424.8 | 420.1 |
| 160° | 452.5 | 453.1 | 455.5 | 457.9 | 455.5 | 453.1 | 452.5 | 443.3 | 430.9 | 424.8 | 421.0 |
| 162.5° | 448.1 | 448.7 | 451.0 | 453.4 | 451.0 | 448.7 | 448.1 | 440.4 | 430.0 | 424.8 | 422.1 |
| 165° | 441.5 | 442.2 | 444.6 | 447.0 | 444.6 | 442.2 | 441.5 | 435.9 | 428.5 | 424.8 | 423.6 |
| 167.5° | 438.6 | 438.9 | 439.9 | 440.9 | 439.9 | 438.9 | 438.6 | 435.0 | 430.1 | 427.7 | 426.7 |
| 170° | 438.6 | 438.6 | 438.6 | 438.6 | 438.6 | 438.6 | 438.6 | 435.0 | 430.1 | 427.7 | 427.6 |
| 172.5° | 436.3 | 436.1 | 435.2 | 434.3 | 435.2 | 436.1 | 436.3 | 433.4 | 429.5 | 427.7 | 427.7 |
| 175° | 433.1 | 433.1 | 433.1 | 433.1 | 433.1 | 433.1 | 433.1 | 431.3 | 428.9 | 427.7 | 428.2 |
| 177.5° | 432.5 | 432.3 | 431.3 | 430.3 | 431.3 | 432.3 | 432.5 | 431.1 | 429.2 | 428.2 | 428.7 |
| 180° | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 2505.7 | 2505.7 | 2505.7 | 2505.7 | 2505.7 |
| 2.5° | 2474.9 | 2486.8 | 2493.9 | 2503.4 | 2527.0 |
| 5° | 2380.1 | 2425.1 | 2439.3 | 2474.9 | 2517.6 |
| 7.5° | 2171.5 | 2308.9 | 2346.9 | 2432.2 | 2498.6 |
| 10° | 1970.0 | 2107.5 | 2173.9 | 2375.3 | 2474.9 |
| 12.5° | 1868.0 | 1948.6 | 1993.7 | 2275.8 | 2441.8 |
| 15° | 1804.0 | 1860.9 | 1894.2 | 2143.1 | 2403.8 |
| 17.5° | 1754.2 | 1794.6 | 1818.2 | 2012.7 | 2351.6 |
| 20° | 1723.4 | 1742.4 | 1763.8 | 1917.8 | 2292.4 |
| 22.5° | 1702.1 | 1690.3 | 1706.8 | 1851.5 | 2211.8 |
| 25° | 1687.8 | 1642.8 | 1661.8 | 1799.3 | 2116.9 |
| 27.5° | 1699.7 | 1600.1 | 1607.2 | 1751.9 | 2017.3 |
| 30° | 1702.1 | 1548.0 | 1550.3 | 1702.1 | 1905.9 |
| 32.5° | 1685.5 | 1493.5 | 1495.9 | 1640.5 | 1780.3 |
| 35° | 1645.2 | 1429.5 | 1427.1 | 1569.3 | 1609.7 |
| 37.5° | 1590.7 | 1360.7 | 1360.7 | 1491.1 | 1422.4 |
| 40° | 1524.3 | 1292.0 | 1299.1 | 1389.1 | 1256.4 |
| 42.5° | 1443.7 | 1218.5 | 1227.9 | 1254.1 | 1133.1 |
| 45° | 1356.0 | 1147.3 | 1154.5 | 1059.6 | 1038.3 |
| 47.5° | 1258.8 | 1073.9 | 1076.2 | 879.5 | 1007.5 |
| 50° | 1142.7 | 998.0 | 988.5 | 753.8 | 1005.2 |
| 52.5° | 1040.7 | 915.0 | 886.6 | 682.8 | 912.7 |
| 55° | 941.1 | 827.3 | 765.7 | 628.2 | 846.3 |
| 57.5° | 853.4 | 713.6 | 654.3 | 564.2 | 832.1 |
| 60° | 772.8 | 602.1 | 557.1 | 495.5 | 763.4 |
| 62.5° | 706.5 | 519.1 | 509.7 | 448.0 | 692.2 |
| 65° | 635.3 | 462.2 | 459.9 | 407.8 | 588.0 |
| 67.5° | 566.6 | 424.3 | 422.0 | 369.8 | 448.0 |
| 70° | 493.1 | 384.1 | 379.3 | 329.5 | 331.9 |
| 72.5° | 417.2 | 339.0 | 334.3 | 296.4 | 275.0 |
| 75° | 341.4 | 286.8 | 284.5 | 258.4 | 222.9 |
| 77.5° | 267.9 | 227.6 | 232.3 | 208.7 | 163.5 |
| 80° | 192.0 | 166.0 | 170.6 | 149.3 | 123.3 |
| 82.5° | 128.1 | 109.1 | 113.8 | 94.8 | 82.9 |
| 85° | 71.1 | 61.6 | 64.0 | 49.8 | 37.9 |
| 87.5° | 33.2 | 28.5 | 28.5 | 19.0 | 11.9 |
| 90° | 12.7 | 8.1 | 7.6 | 5.2 | 2.9 |
| 92.5° | 78.4 | 55.8 | 50.8 | 31.2 | 11.6 |
| 95° | 192.8 | 108.5 | 99.6 | 63.6 | 27.7 |
| 97.5° | 259.7 | 119.3 | 111.3 | 79.7 | 47.9 |
| 100° | 284.0 | 128.2 | 121.0 | 92.3 | 63.5 |
| 102.5° | 295.2 | 137.2 | 130.5 | 103.7 | 76.8 |
| 105° | 303.5 | 150.5 | 144.8 | 122.1 | 99.4 |
| 107.5° | 305.0 | 170.1 | 164.8 | 143.6 | 122.4 |
| 110° | 302.7 | 181.0 | 176.2 | 157.1 | 138.0 |



TEST NUMBER: P934591

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 302.8 | 194.4 | 189.8 | 171.6 | 153.4 |
| 115° | 305.6 | 214.3 | 210.1 | 193.2 | 176.4 |
| 117.5° | 311.3 | 233.6 | 229.8 | 214.5 | 199.2 |
| 120° | 315.9 | 244.9 | 241.3 | 226.9 | 212.5 |
| 122.5° | 322.5 | 258.2 | 254.5 | 240.0 | 225.6 |
| 125° | 331.5 | 275.2 | 271.9 | 258.6 | 245.5 |
| 127.5° | 340.4 | 291.7 | 288.3 | 275.0 | 261.6 |
| 130° | 347.0 | 302.6 | 299.1 | 284.7 | 270.3 |
| 132.5° | 352.3 | 311.6 | 308.0 | 293.6 | 279.3 |
| 135° | 358.1 | 321.9 | 318.7 | 305.6 | 292.5 |
| 137.5° | 366.7 | 335.2 | 331.9 | 319.1 | 306.1 |
| 140° | 372.0 | 344.2 | 341.2 | 329.3 | 317.4 |
| 142.5° | 376.4 | 350.8 | 348.0 | 337.0 | 326.0 |
| 145° | 382.3 | 361.0 | 358.6 | 348.9 | 339.3 |
| 147.5° | 390.7 | 373.7 | 371.4 | 361.9 | 352.6 |
| 150° | 395.2 | 380.3 | 378.2 | 369.8 | 361.3 |
| 152.5° | 398.0 | 384.6 | 383.0 | 376.6 | 370.1 |
| 155° | 404.3 | 394.1 | 392.9 | 388.3 | 383.5 |
| 157.5° | 410.7 | 403.7 | 402.6 | 397.9 | 393.3 |
| 160° | 413.6 | 408.0 | 407.0 | 403.5 | 399.9 |
| 162.5° | 416.7 | 412.6 | 412.0 | 409.3 | 406.6 |
| 165° | 421.1 | 419.3 | 418.6 | 416.2 | 413.8 |
| 167.5° | 424.6 | 423.0 | 422.7 | 421.5 | 420.4 |
| 170° | 427.5 | 427.4 | 427.1 | 425.9 | 424.8 |
| 172.5° | 427.7 | 427.7 | 427.6 | 427.4 | 427.1 |
| 175° | 429.5 | 430.3 | 430.3 | 430.3 | 430.3 |
| 177.5° | 429.6 | 430.3 | 430.3 | 430.3 | 430.3 |
| 180° | 430.3 | 430.3 | 430.3 | 430.3 | 430.3 |



TEST NUMBER: P934591
 CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-6-5000K

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 | 15.99 | 17.07 | 16.76 | 17.85 | 18.81 | 18.82 | 19.89 | 19.58 | 20.68 | 21.63 |
| | 3H | 16.49 | 17.45 | 17.26 | 18.25 | 19.23 | 20.18 | 21.14 | 20.95 | 21.94 | 22.92 |
| | 4H | 16.69 | 17.60 | 17.48 | 18.40 | 19.40 | 20.63 | 21.54 | 21.43 | 22.34 | 23.34 |
| | 6H | 16.82 | 17.66 | 17.63 | 18.47 | 19.48 | 20.92 | 21.76 | 21.73 | 22.58 | 23.59 |
| | 8H | 16.82 | 17.62 | 17.64 | 18.46 | 19.47 | 21.00 | 21.80 | 21.82 | 22.64 | 23.65 |
| | 12H | 16.80 | 17.56 | 17.63 | 18.39 | 19.43 | 21.05 | 21.81 | 21.87 | 22.64 | 23.67 |
| 4H | 2H | 17.05 | 17.96 | 17.85 | 18.76 | 19.76 | 19.25 | 20.16 | 20.05 | 20.97 | 21.96 |
| | 3H | 18.10 | 18.85 | 18.91 | 19.69 | 20.71 | 20.78 | 21.53 | 21.59 | 22.37 | 23.39 |
| | 4H | 18.38 | 19.07 | 19.21 | 19.91 | 20.95 | 21.31 | 22.00 | 22.14 | 22.84 | 23.88 |
| | 6H | 18.52 | 19.12 | 19.36 | 19.98 | 21.02 | 21.69 | 22.28 | 22.53 | 23.15 | 24.19 |
| | 8H | 18.53 | 19.09 | 19.38 | 19.94 | 21.00 | 21.80 | 22.36 | 22.64 | 23.21 | 24.27 |
| | 12H | 18.51 | 19.01 | 19.37 | 19.89 | 20.95 | 21.86 | 22.37 | 22.73 | 23.24 | 24.31 |
| 8H | 4H | 18.85 | 19.41 | 19.70 | 20.27 | 21.32 | 21.45 | 22.01 | 22.30 | 22.87 | 23.93 |
| | 6H | 19.12 | 19.58 | 20.00 | 20.48 | 21.54 | 21.90 | 22.36 | 22.77 | 23.26 | 24.32 |
| | 8H | 19.17 | 19.58 | 20.05 | 20.47 | 21.54 | 22.05 | 22.46 | 22.94 | 23.35 | 24.43 |
| | 12H | 19.16 | 19.52 | 20.05 | 20.41 | 21.54 | 22.16 | 22.52 | 23.05 | 23.40 | 24.53 |
| 12H | 4H | 18.87 | 19.37 | 19.73 | 20.25 | 21.31 | 21.43 | 21.93 | 22.29 | 22.81 | 23.87 |
| | 6H | 19.18 | 19.59 | 20.07 | 20.49 | 21.56 | 21.90 | 22.31 | 22.78 | 23.20 | 24.28 |
| | 8H | 19.26 | 19.62 | 20.15 | 20.51 | 21.64 | 22.07 | 22.43 | 22.95 | 23.31 | 24.44 |