

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: P934801

Luminaire Tested: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934801
REPORT IS A COMBINATION OF REPORTS P933709 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

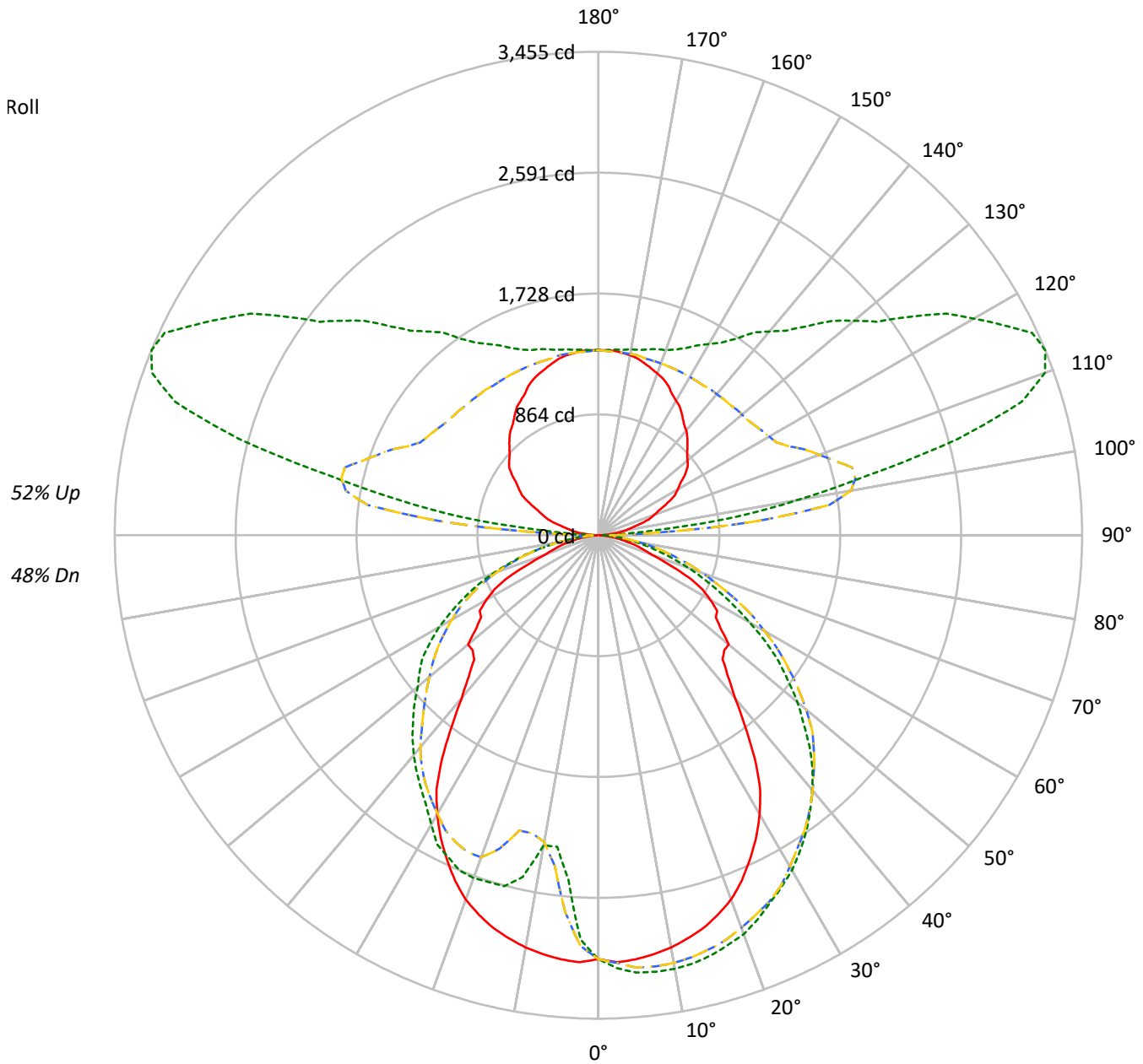
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16435.4 lumens
Efficiency: N/A
Efficacy: 129.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 127.2
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: P934801
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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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 | 48 |
| 1 | 97 | 93 | 89 | 86 | 89 | 86 | 82 | 79 | 72 | 70 | 68 | 60 | 58 | 56 | 48 | 47 | 46 | 40 |
| 2 | 89 | 81 | 75 | 70 | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 40 | 39 | 34 |
| 3 | 81 | 71 | 64 | 58 | 74 | 66 | 60 | 54 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 29 |
| 4 | 74 | 63 | 55 | 49 | 68 | 58 | 52 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 31 | 28 | 25 |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 37 | 33 | 29 | 30 | 27 | 25 | 21 |
| 6 | 62 | 50 | 42 | 37 | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 | 19 |
| 7 | 58 | 45 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 19 | 17 |
| 8 | 54 | 41 | 33 | 28 | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 | 15 |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |
| 10 | 46 | 34 | 27 | 22 | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 9367 | 9367 | 9367 | 9367 |
| 5° | 9440 | 9456 | 9440 | 7435 |
| 10° | 9381 | 9314 | 9381 | 6659 |
| 15° | 9282 | 9112 | 9282 | 7609 |
| 20° | 9092 | 8873 | 9092 | 7625 |
| 25° | 8698 | 8525 | 8698 | 7463 |
| 30° | 8188 | 8235 | 8188 | 7108 |
| 35° | 7303 | 7869 | 7303 | 6719 |
| 40° | 6088 | 7438 | 6088 | 6424 |
| 45° | 5444 | 6933 | 5444 | 6085 |
| 50° | 5788 | 6332 | 5788 | 5745 |
| 55° | 5451 | 5683 | 5451 | 5548 |
| 60° | 5626 | 4827 | 5626 | 5082 |
| 65° | 5109 | 3990 | 5109 | 4460 |
| 70° | 3546 | 3180 | 3546 | 3739 |
| 75° | 3121 | 2351 | 3121 | 2815 |
| 80° | 2534 | 1554 | 2534 | 1692 |
| 85° | 1484 | 823 | 1484 | 700 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8338 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 273.4 | 1.7 |
| 10°-20° | 776.2 | 4.7 |
| 20°-30° | 1199.8 | 7.3 |
| 30°-40° | 1432.3 | 8.7 |
| 40°-50° | 1440.7 | 8.8 |
| 50°-60° | 1253.5 | 7.6 |
| 60°-70° | 888.8 | 5.4 |
| 70°-80° | 470.2 | 2.9 |
| 80°-90° | 122.2 | 0.7 |
| 90°-100° | 645.1 | 3.9 |
| 100°-110° | 1695.9 | 10.3 |
| 110°-120° | 1758.4 | 10.7 |
| 120°-130° | 1410.5 | 8.6 |
| 130°-140° | 1106.7 | 6.7 |
| 140°-150° | 849.4 | 5.2 |
| 150°-160° | 611.7 | 3.7 |
| 160°-170° | 374.3 | 2.3 |
| 170°-180° | 126.5 | 0.8 |
| 0°-30° | 2249.3 | 13.7 |
| 0°-40° | 3681.6 | 22.4 |
| 0°-60° | 6375.8 | 38.8 |
| 0°-90° | 7857.0 | 47.8 |
| 90°-120° | 4099.3 | 24.9 |
| 90°-150° | 7466.0 | 45.4 |
| 90°-180° | 8578.0 | 52.2 |
| 0°-180° | 16435.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3028 | 3028 | 3028 | 3028 | 3028 | |
| 5° | 3043 | 3137 | 3043 | 2467 | 3043 | 289 |
| 15° | 2905 | 3109 | 2905 | 2596 | 2905 | 817 |
| 25° | 2558 | 2900 | 2558 | 2538 | 2558 | 1175 |
| 35° | 1945 | 2587 | 1945 | 2209 | 1945 | 1204 |
| 45° | 1255 | 2132 | 1255 | 1871 | 1255 | 1005 |
| 55° | 1023 | 1573 | 1023 | 1536 | 1023 | 940 |
| 65° | 710 | 948 | 710 | 1060 | 710 | 679 |
| 75° | 269 | 450 | 269 | 539 | 269 | 283 |
| 85° | 46 | 115 | 46 | 97 | 46 | 62 |
| 90° | 9 | 34 | 9 | 34 | 9 | 9 |
| 95° | 85 | 390 | 85 | 390 | 85 | 95 |
| 105° | 306 | 2656 | 306 | 2656 | 306 | 324 |
| 115° | 543 | 3419 | 543 | 3419 | 543 | 536 |
| 125° | 755 | 2723 | 755 | 2723 | 755 | 670 |
| 135° | 900 | 2113 | 900 | 2113 | 900 | 696 |
| 145° | 1044 | 1714 | 1044 | 1714 | 1044 | 654 |
| 155° | 1179 | 1476 | 1179 | 1476 | 1179 | 542 |
| 165° | 1273 | 1375 | 1273 | 1375 | 1273 | 359 |
| 175° | 1323 | 1332 | 1323 | 1332 | 1323 | 126 |
| 180° | 1323 | 1323 | 1323 | 1323 | 1323 | |



TEST NUMBER: P934801
 CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 3054.2 | 3054.2 | 3071.4 | 3077.1 | 3077.1 | 3068.5 | 3059.9 | 3068.5 | 3094.3 | 3102.9 | 3100.0 |
| 5° | 3042.7 | 3065.6 | 3097.2 | 3102.9 | 3108.6 | 3105.8 | 3100.0 | 3105.8 | 3134.4 | 3140.1 | 3143.0 |
| 7.5° | 3019.8 | 3062.8 | 3102.9 | 3111.5 | 3120.1 | 3111.5 | 3108.6 | 3114.4 | 3143.0 | 3148.7 | 3148.7 |
| 10° | 2991.2 | 3051.3 | 3097.2 | 3102.9 | 3111.5 | 3102.9 | 3102.9 | 3114.4 | 3143.0 | 3148.7 | 3151.6 |
| 12.5° | 2951.0 | 3034.1 | 3077.1 | 3082.8 | 3094.3 | 3091.4 | 3088.6 | 3100.0 | 3128.7 | 3134.4 | 3134.4 |
| 15° | 2905.2 | 3002.6 | 3042.7 | 3048.5 | 3068.5 | 3062.8 | 3062.8 | 3074.2 | 3105.8 | 3114.4 | 3111.5 |
| 17.5° | 2842.2 | 2962.5 | 3008.3 | 3016.9 | 3031.3 | 3028.4 | 3031.3 | 3042.7 | 3071.4 | 3077.1 | 3080.0 |
| 20° | 2770.6 | 2908.1 | 2962.5 | 2971.1 | 2985.4 | 2985.4 | 2985.4 | 2999.8 | 3028.4 | 3039.9 | 3039.9 |
| 22.5° | 2673.1 | 2850.8 | 2908.1 | 2913.8 | 2931.0 | 2931.0 | 2936.7 | 2956.8 | 2982.6 | 2985.4 | 2985.4 |
| 25° | 2558.5 | 2787.7 | 2836.4 | 2853.6 | 2870.8 | 2879.4 | 2888.0 | 2899.5 | 2908.1 | 2905.2 | 2908.1 |
| 27.5° | 2438.1 | 2707.5 | 2770.6 | 2782.0 | 2804.9 | 2813.5 | 2825.0 | 2827.9 | 2830.7 | 2839.3 | 2833.6 |
| 30° | 2303.5 | 2595.8 | 2690.3 | 2701.8 | 2739.0 | 2744.8 | 2733.3 | 2739.0 | 2753.4 | 2759.1 | 2764.8 |
| 32.5° | 2151.6 | 2429.5 | 2607.2 | 2633.0 | 2667.4 | 2650.2 | 2647.4 | 2656.0 | 2678.9 | 2678.9 | 2684.6 |
| 35° | 1945.3 | 2300.6 | 2529.9 | 2552.8 | 2578.6 | 2558.5 | 2570.0 | 2572.9 | 2587.2 | 2595.8 | 2592.9 |
| 37.5° | 1719.0 | 2188.9 | 2449.6 | 2466.8 | 2486.8 | 2461.0 | 2478.2 | 2486.8 | 2498.3 | 2492.5 | 2492.5 |
| 40° | 1518.4 | 2014.1 | 2355.0 | 2366.5 | 2383.7 | 2363.6 | 2380.8 | 2386.5 | 2392.3 | 2386.5 | 2383.7 |
| 42.5° | 1369.5 | 1822.1 | 2254.8 | 2269.1 | 2257.6 | 2271.9 | 2277.7 | 2289.1 | 2280.5 | 2269.1 | 2269.1 |
| 45° | 1254.9 | 1770.6 | 2145.9 | 2163.1 | 2145.9 | 2168.8 | 2177.4 | 2177.4 | 2151.6 | 2145.9 | 2143.0 |
| 47.5° | 1217.6 | 1667.4 | 2037.0 | 2037.0 | 2028.4 | 2057.1 | 2071.4 | 2051.3 | 2025.6 | 2017.0 | 2017.0 |
| 50° | 1214.8 | 1552.8 | 1888.0 | 1876.6 | 1916.7 | 1951.1 | 1936.7 | 1916.7 | 1896.6 | 1865.1 | 1865.1 |
| 52.5° | 1103.0 | 1412.4 | 1696.1 | 1739.1 | 1802.1 | 1822.1 | 1799.2 | 1779.2 | 1744.8 | 1730.5 | 1719.0 |
| 55° | 1022.8 | 1266.3 | 1521.3 | 1607.3 | 1673.2 | 1698.9 | 1656.0 | 1635.9 | 1584.3 | 1575.8 | 1570.0 |
| 57.5° | 1005.6 | 1054.3 | 1360.9 | 1469.7 | 1550.0 | 1547.1 | 1521.3 | 1484.1 | 1441.1 | 1432.5 | 1429.6 |
| 60° | 922.5 | 762.1 | 1189.0 | 1317.9 | 1401.0 | 1392.4 | 1369.5 | 1335.1 | 1295.0 | 1289.2 | 1283.5 |
| 62.5° | 836.6 | 552.9 | 994.2 | 1140.3 | 1257.7 | 1254.9 | 1234.8 | 1183.2 | 1154.6 | 1140.3 | 1128.8 |
| 65° | 710.5 | 464.1 | 707.7 | 948.3 | 1117.4 | 1123.1 | 1080.1 | 1042.9 | 1011.3 | 994.2 | 991.3 |
| 67.5° | 541.5 | 378.2 | 478.5 | 790.7 | 982.7 | 977.0 | 922.5 | 905.3 | 865.2 | 856.6 | 839.4 |
| 70° | 401.1 | 252.1 | 332.3 | 641.8 | 850.9 | 836.6 | 793.6 | 773.6 | 736.3 | 716.2 | 704.8 |
| 72.5° | 332.3 | 203.4 | 243.5 | 498.5 | 716.2 | 699.1 | 661.8 | 638.9 | 607.4 | 590.2 | 578.7 |
| 75° | 269.3 | 214.9 | 186.2 | 369.6 | 581.6 | 570.1 | 535.8 | 512.8 | 487.0 | 464.1 | 467.0 |
| 77.5° | 197.7 | 200.5 | 149.0 | 272.2 | 461.3 | 444.1 | 424.0 | 395.4 | 383.9 | 361.0 | 361.0 |
| 80° | 149.0 | 157.6 | 111.7 | 186.2 | 332.3 | 332.3 | 315.2 | 295.1 | 275.0 | 263.6 | 263.6 |
| 82.5° | 100.3 | 100.3 | 83.1 | 117.5 | 226.3 | 217.7 | 206.3 | 200.5 | 189.1 | 183.4 | 183.4 |
| 85° | 45.8 | 57.3 | 51.6 | 71.6 | 123.2 | 128.9 | 128.9 | 123.2 | 120.3 | 114.6 | 117.5 |
| 87.5° | 14.3 | 25.8 | 31.5 | 40.1 | 63.0 | 65.9 | 68.8 | 68.8 | 68.8 | 71.6 | 71.6 |
| 90° | 8.9 | 15.9 | 23.0 | 24.8 | 39.1 | 58.1 | 67.5 | 60.0 | 45.0 | 33.7 | 33.7 |
| 92.5° | 35.5 | 95.9 | 156.3 | 171.4 | 240.9 | 333.7 | 380.1 | 333.1 | 239.2 | 168.7 | 162.1 |
| 95° | 85.3 | 195.8 | 306.4 | 334.0 | 593.0 | 938.4 | 1111.0 | 991.5 | 752.3 | 572.8 | 552.5 |
| 97.5° | 147.5 | 245.0 | 342.5 | 366.8 | 798.8 | 1374.6 | 1662.6 | 1586.9 | 1435.7 | 1322.4 | 1283.7 |
| 100° | 195.4 | 283.8 | 372.3 | 394.3 | 873.6 | 1512.6 | 1832.2 | 1837.7 | 1848.8 | 1857.1 | 1811.0 |
| 102.5° | 236.3 | 318.8 | 401.2 | 421.8 | 907.9 | 1556.1 | 1880.2 | 1976.5 | 2169.1 | 2313.6 | 2274.1 |
| 105° | 305.5 | 375.4 | 445.2 | 462.7 | 933.4 | 1561.0 | 1874.9 | 2090.8 | 2522.6 | 2846.5 | 2825.3 |
| 107.5° | 376.6 | 441.7 | 506.8 | 523.1 | 938.2 | 1491.6 | 1768.3 | 2069.5 | 2671.8 | 3123.5 | 3128.7 |
| 110° | 424.5 | 483.3 | 542.2 | 556.9 | 931.0 | 1430.0 | 1679.5 | 2016.2 | 2689.6 | 3194.6 | 3216.6 |



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CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 471.6 | 527.6 | 583.7 | 597.7 | 931.4 | 1376.3 | 1598.7 | 1943.2 | 2632.5 | 3149.3 | 3183.2 |
| 115° | 542.6 | 594.3 | 646.1 | 658.9 | 939.9 | 1314.6 | 1501.8 | 1833.8 | 2497.7 | 2995.6 | 3042.7 |
| 117.5° | 612.8 | 659.8 | 706.7 | 718.4 | 957.4 | 1275.9 | 1435.2 | 1734.8 | 2333.9 | 2783.3 | 2835.6 |
| 120° | 653.7 | 697.9 | 742.0 | 753.1 | 971.6 | 1262.9 | 1408.5 | 1682.2 | 2229.7 | 2640.4 | 2691.1 |
| 122.5° | 693.6 | 738.2 | 782.8 | 794.0 | 992.1 | 1256.1 | 1388.1 | 1634.6 | 2127.6 | 2497.4 | 2547.5 |
| 125° | 754.9 | 795.6 | 836.3 | 846.4 | 1019.6 | 1250.5 | 1365.9 | 1575.4 | 1994.1 | 2308.2 | 2354.4 |
| 127.5° | 804.7 | 845.7 | 886.8 | 897.0 | 1047.2 | 1247.2 | 1347.3 | 1527.1 | 1886.7 | 2156.4 | 2195.3 |
| 130° | 831.3 | 875.5 | 919.7 | 930.7 | 1067.2 | 1249.1 | 1340.2 | 1500.2 | 1820.3 | 2060.4 | 2096.3 |
| 132.5° | 858.8 | 903.0 | 947.2 | 958.2 | 1083.4 | 1250.5 | 1333.9 | 1477.2 | 1763.8 | 1978.8 | 2010.9 |
| 135° | 899.7 | 939.9 | 980.2 | 990.2 | 1101.3 | 1249.3 | 1323.3 | 1443.3 | 1683.3 | 1863.3 | 1891.0 |
| 137.5° | 941.4 | 981.3 | 1021.2 | 1031.1 | 1128.0 | 1257.0 | 1321.5 | 1423.0 | 1625.9 | 1778.0 | 1800.7 |
| 140° | 976.0 | 1012.7 | 1049.4 | 1058.6 | 1144.2 | 1258.3 | 1315.3 | 1403.0 | 1578.2 | 1709.6 | 1730.8 |
| 142.5° | 1002.7 | 1036.7 | 1070.6 | 1079.1 | 1157.8 | 1262.8 | 1315.3 | 1392.3 | 1546.2 | 1661.7 | 1679.9 |
| 145° | 1043.5 | 1073.1 | 1102.7 | 1110.2 | 1175.6 | 1262.8 | 1306.4 | 1369.4 | 1495.3 | 1589.8 | 1603.6 |
| 147.5° | 1084.4 | 1113.2 | 1142.1 | 1149.2 | 1201.7 | 1271.5 | 1306.4 | 1356.0 | 1455.0 | 1529.3 | 1540.8 |
| 150° | 1111.0 | 1137.1 | 1163.2 | 1169.7 | 1215.2 | 1276.1 | 1306.4 | 1348.3 | 1431.9 | 1494.7 | 1503.9 |
| 152.5° | 1138.6 | 1158.3 | 1178.0 | 1183.0 | 1224.1 | 1279.0 | 1306.4 | 1342.2 | 1413.6 | 1467.2 | 1474.1 |
| 155° | 1179.4 | 1194.0 | 1208.6 | 1212.3 | 1243.7 | 1285.5 | 1306.4 | 1334.9 | 1391.7 | 1434.3 | 1439.0 |
| 157.5° | 1209.6 | 1223.8 | 1238.1 | 1241.6 | 1263.2 | 1292.0 | 1306.4 | 1328.5 | 1372.7 | 1405.9 | 1409.1 |
| 160° | 1230.0 | 1241.1 | 1252.2 | 1255.0 | 1272.2 | 1295.0 | 1306.4 | 1325.3 | 1363.3 | 1391.7 | 1393.6 |
| 162.5° | 1250.5 | 1258.8 | 1267.0 | 1269.1 | 1281.5 | 1298.1 | 1306.4 | 1322.4 | 1354.4 | 1378.4 | 1380.2 |
| 165° | 1272.7 | 1280.2 | 1287.6 | 1289.5 | 1295.2 | 1302.7 | 1306.4 | 1317.9 | 1340.7 | 1357.9 | 1359.8 |
| 167.5° | 1293.1 | 1296.6 | 1300.2 | 1301.1 | 1305.9 | 1312.2 | 1315.3 | 1322.8 | 1337.8 | 1349.0 | 1349.8 |
| 170° | 1306.4 | 1310.0 | 1313.6 | 1314.5 | 1314.7 | 1315.1 | 1315.3 | 1322.8 | 1337.8 | 1349.0 | 1349.0 |
| 172.5° | 1313.5 | 1314.3 | 1315.1 | 1315.3 | 1315.3 | 1315.3 | 1315.3 | 1321.2 | 1333.1 | 1342.0 | 1341.3 |
| 175° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1320.7 | 1317.1 | 1315.3 | 1319.0 | 1326.6 | 1332.2 | 1332.2 |
| 177.5° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1321.2 | 1318.5 | 1317.1 | 1320.1 | 1326.0 | 1330.4 | 1329.6 |
| 180° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 |



TEST NUMBER: P934801

CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 3105.8 | 3097.2 | 3105.8 | 3100.0 | 3102.9 | 3094.3 | 3068.5 | 3059.9 | 3068.5 | 3077.1 | 3077.1 |
| 5° | 3143.0 | 3137.3 | 3143.0 | 3143.0 | 3140.1 | 3134.4 | 3105.8 | 3100.0 | 3105.8 | 3108.6 | 3102.9 |
| 7.5° | 3154.5 | 3145.9 | 3154.5 | 3148.7 | 3148.7 | 3143.0 | 3114.4 | 3108.6 | 3111.5 | 3120.1 | 3111.5 |
| 10° | 3154.5 | 3145.9 | 3154.5 | 3151.6 | 3148.7 | 3143.0 | 3114.4 | 3102.9 | 3102.9 | 3111.5 | 3102.9 |
| 12.5° | 3140.1 | 3134.4 | 3140.1 | 3134.4 | 3134.4 | 3128.7 | 3100.0 | 3088.6 | 3091.4 | 3094.3 | 3082.8 |
| 15° | 3117.2 | 3108.6 | 3117.2 | 3111.5 | 3114.4 | 3105.8 | 3074.2 | 3062.8 | 3062.8 | 3068.5 | 3048.5 |
| 17.5° | 3082.8 | 3071.4 | 3082.8 | 3080.0 | 3077.1 | 3071.4 | 3042.7 | 3031.3 | 3028.4 | 3031.3 | 3016.9 |
| 20° | 3042.7 | 3034.1 | 3042.7 | 3039.9 | 3039.9 | 3028.4 | 2999.8 | 2985.4 | 2985.4 | 2985.4 | 2971.1 |
| 22.5° | 2979.7 | 2971.1 | 2979.7 | 2985.4 | 2985.4 | 2982.6 | 2956.8 | 2936.7 | 2931.0 | 2931.0 | 2913.8 |
| 25° | 2908.1 | 2899.5 | 2908.1 | 2908.1 | 2905.2 | 2908.1 | 2899.5 | 2888.0 | 2879.4 | 2870.8 | 2853.6 |
| 27.5° | 2839.3 | 2833.6 | 2839.3 | 2833.6 | 2839.3 | 2830.7 | 2827.9 | 2825.0 | 2813.5 | 2804.9 | 2782.0 |
| 30° | 2770.6 | 2764.8 | 2770.6 | 2764.8 | 2759.1 | 2753.4 | 2739.0 | 2733.3 | 2744.8 | 2739.0 | 2701.8 |
| 32.5° | 2684.6 | 2678.9 | 2684.6 | 2684.6 | 2678.9 | 2678.9 | 2656.0 | 2647.4 | 2650.2 | 2667.4 | 2633.0 |
| 35° | 2595.8 | 2587.2 | 2595.8 | 2592.9 | 2595.8 | 2587.2 | 2572.9 | 2570.0 | 2558.5 | 2578.6 | 2552.8 |
| 37.5° | 2492.5 | 2484.0 | 2492.5 | 2492.5 | 2492.5 | 2498.3 | 2486.8 | 2478.2 | 2461.0 | 2486.8 | 2466.8 |
| 40° | 2386.5 | 2375.1 | 2386.5 | 2383.7 | 2386.5 | 2392.3 | 2386.5 | 2380.8 | 2363.6 | 2383.7 | 2366.5 |
| 42.5° | 2266.2 | 2263.4 | 2266.2 | 2269.1 | 2269.1 | 2280.5 | 2289.1 | 2277.7 | 2271.9 | 2257.6 | 2269.1 |
| 45° | 2137.3 | 2131.6 | 2137.3 | 2143.0 | 2145.9 | 2151.6 | 2177.4 | 2177.4 | 2168.8 | 2145.9 | 2163.1 |
| 47.5° | 1999.8 | 1985.4 | 1999.8 | 2017.0 | 2017.0 | 2025.6 | 2051.3 | 2071.4 | 2057.1 | 2028.4 | 2037.0 |
| 50° | 1853.7 | 1856.5 | 1853.7 | 1865.1 | 1865.1 | 1896.6 | 1916.7 | 1936.7 | 1951.1 | 1916.7 | 1876.6 |
| 52.5° | 1710.4 | 1707.5 | 1710.4 | 1719.0 | 1730.5 | 1744.8 | 1779.2 | 1799.2 | 1822.1 | 1802.1 | 1739.1 |
| 55° | 1567.2 | 1572.9 | 1567.2 | 1570.0 | 1575.8 | 1584.3 | 1635.9 | 1656.0 | 1698.9 | 1673.2 | 1607.3 |
| 57.5° | 1423.9 | 1415.3 | 1423.9 | 1429.6 | 1432.5 | 1441.1 | 1484.1 | 1521.3 | 1547.1 | 1550.0 | 1469.7 |
| 60° | 1257.7 | 1246.3 | 1257.7 | 1283.5 | 1289.2 | 1295.0 | 1335.1 | 1369.5 | 1392.4 | 1401.0 | 1317.9 |
| 62.5° | 1111.6 | 1091.6 | 1111.6 | 1128.8 | 1140.3 | 1154.6 | 1183.2 | 1234.8 | 1254.9 | 1257.7 | 1140.3 |
| 65° | 956.9 | 948.3 | 956.9 | 991.3 | 994.2 | 1011.3 | 1042.9 | 1080.1 | 1123.1 | 1117.4 | 948.3 |
| 67.5° | 816.5 | 816.5 | 816.5 | 839.4 | 856.6 | 865.2 | 905.3 | 922.5 | 977.0 | 982.7 | 790.7 |
| 70° | 687.6 | 684.7 | 687.6 | 704.8 | 716.2 | 736.3 | 773.6 | 793.6 | 836.6 | 850.9 | 641.8 |
| 72.5° | 564.4 | 561.5 | 564.4 | 578.7 | 590.2 | 607.4 | 638.9 | 661.8 | 699.1 | 716.2 | 498.5 |
| 75° | 455.5 | 449.8 | 455.5 | 467.0 | 464.1 | 487.0 | 512.8 | 535.8 | 570.1 | 581.6 | 369.6 |
| 77.5° | 349.5 | 349.5 | 349.5 | 361.0 | 361.0 | 383.9 | 395.4 | 424.0 | 444.1 | 461.3 | 272.2 |
| 80° | 260.7 | 257.8 | 260.7 | 263.6 | 263.6 | 275.0 | 295.1 | 315.2 | 332.3 | 332.3 | 186.2 |
| 82.5° | 183.4 | 177.6 | 183.4 | 183.4 | 183.4 | 189.1 | 200.5 | 206.3 | 217.7 | 226.3 | 117.5 |
| 85° | 114.6 | 114.6 | 114.6 | 117.5 | 114.6 | 120.3 | 123.2 | 128.9 | 128.9 | 123.2 | 71.6 |
| 87.5° | 74.5 | 71.6 | 74.5 | 71.6 | 71.6 | 68.8 | 68.8 | 68.8 | 65.9 | 63.0 | 40.1 |
| 90° | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 45.0 | 60.0 | 67.5 | 58.1 | 39.1 | 24.8 |
| 92.5° | 135.2 | 108.4 | 135.2 | 162.1 | 168.7 | 239.2 | 333.1 | 380.1 | 333.7 | 240.9 | 171.4 |
| 95° | 471.2 | 389.9 | 471.2 | 552.5 | 572.8 | 752.3 | 991.5 | 1111.0 | 938.4 | 593.0 | 334.0 |
| 97.5° | 1129.0 | 974.3 | 1129.0 | 1283.7 | 1322.4 | 1435.7 | 1586.9 | 1662.6 | 1374.6 | 798.8 | 366.8 |
| 100° | 1626.7 | 1442.3 | 1626.7 | 1811.0 | 1857.1 | 1848.8 | 1837.7 | 1832.2 | 1512.6 | 873.6 | 394.3 |
| 102.5° | 2116.2 | 1958.3 | 2116.2 | 2274.1 | 2313.6 | 2169.1 | 1976.5 | 1880.2 | 1556.1 | 907.9 | 421.8 |
| 105° | 2740.4 | 2655.5 | 2740.4 | 2825.3 | 2846.5 | 2522.6 | 2090.8 | 1874.9 | 1561.0 | 933.4 | 462.7 |
| 107.5° | 3149.2 | 3169.7 | 3149.2 | 3128.7 | 3123.5 | 2671.8 | 2069.5 | 1768.3 | 1491.6 | 938.2 | 523.1 |
| 110° | 3305.1 | 3393.5 | 3305.1 | 3216.6 | 3194.6 | 2689.6 | 2016.2 | 1679.5 | 1430.0 | 931.0 | 556.9 |



TEST NUMBER: P934801

CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3319.0 | 3454.8 | 3319.0 | 3183.2 | 3149.3 | 2632.5 | 1943.2 | 1598.7 | 1376.3 | 931.4 | 597.7 |
| 115° | 3231.0 | 3419.3 | 3231.0 | 3042.7 | 2995.6 | 2497.7 | 1833.8 | 1501.8 | 1314.6 | 939.9 | 658.9 |
| 117.5° | 3044.3 | 3253.2 | 3044.3 | 2835.6 | 2783.3 | 2333.9 | 1734.8 | 1435.2 | 1275.9 | 957.4 | 718.4 |
| 120° | 2894.0 | 3096.9 | 2894.0 | 2691.1 | 2640.4 | 2229.7 | 1682.2 | 1408.5 | 1262.9 | 971.6 | 753.1 |
| 122.5° | 2747.5 | 2947.7 | 2747.5 | 2547.5 | 2497.4 | 2127.6 | 1634.6 | 1388.1 | 1256.1 | 992.1 | 794.0 |
| 125° | 2538.7 | 2723.0 | 2538.7 | 2354.4 | 2308.2 | 1994.1 | 1575.4 | 1365.9 | 1250.5 | 1019.6 | 846.4 |
| 127.5° | 2350.8 | 2506.3 | 2350.8 | 2195.3 | 2156.4 | 1886.7 | 1527.1 | 1347.3 | 1247.2 | 1047.2 | 897.0 |
| 130° | 2240.0 | 2383.8 | 2240.0 | 2096.3 | 2060.4 | 1820.3 | 1500.2 | 1340.2 | 1249.1 | 1067.2 | 930.7 |
| 132.5° | 2139.6 | 2268.3 | 2139.6 | 2010.9 | 1978.8 | 1763.8 | 1477.2 | 1333.9 | 1250.5 | 1083.4 | 958.2 |
| 135° | 2002.0 | 2112.8 | 2002.0 | 1891.0 | 1863.3 | 1683.3 | 1443.3 | 1323.3 | 1249.3 | 1101.3 | 990.2 |
| 137.5° | 1891.5 | 1982.3 | 1891.5 | 1800.7 | 1778.0 | 1625.9 | 1423.0 | 1321.5 | 1257.0 | 1128.0 | 1031.1 |
| 140° | 1815.7 | 1900.5 | 1815.7 | 1730.8 | 1709.6 | 1578.2 | 1403.0 | 1315.3 | 1258.3 | 1144.2 | 1058.6 |
| 142.5° | 1753.0 | 1826.0 | 1753.0 | 1679.9 | 1661.7 | 1546.2 | 1392.3 | 1315.3 | 1262.8 | 1157.8 | 1079.1 |
| 145° | 1658.8 | 1714.0 | 1658.8 | 1603.6 | 1589.8 | 1495.3 | 1369.4 | 1306.4 | 1262.8 | 1175.6 | 1110.2 |
| 147.5° | 1586.5 | 1632.4 | 1586.5 | 1540.8 | 1529.3 | 1455.0 | 1356.0 | 1306.4 | 1271.5 | 1201.7 | 1149.2 |
| 150° | 1541.1 | 1578.2 | 1541.1 | 1503.9 | 1494.7 | 1431.9 | 1348.3 | 1306.4 | 1276.1 | 1215.2 | 1169.7 |
| 152.5° | 1502.2 | 1530.2 | 1502.2 | 1474.1 | 1467.2 | 1413.6 | 1342.2 | 1306.4 | 1279.0 | 1224.1 | 1183.0 |
| 155° | 1457.5 | 1476.0 | 1457.5 | 1439.0 | 1434.3 | 1391.7 | 1334.9 | 1306.4 | 1285.5 | 1243.7 | 1212.3 |
| 157.5° | 1422.2 | 1435.2 | 1422.2 | 1409.1 | 1405.9 | 1372.7 | 1328.5 | 1306.4 | 1292.0 | 1263.2 | 1241.6 |
| 160° | 1401.1 | 1408.5 | 1401.1 | 1393.6 | 1391.7 | 1363.3 | 1325.3 | 1306.4 | 1295.0 | 1272.2 | 1255.0 |
| 162.5° | 1387.2 | 1394.4 | 1387.2 | 1380.2 | 1378.4 | 1354.4 | 1322.4 | 1306.4 | 1298.1 | 1281.5 | 1269.1 |
| 165° | 1367.3 | 1374.8 | 1367.3 | 1359.8 | 1357.9 | 1340.7 | 1317.9 | 1306.4 | 1302.7 | 1295.2 | 1289.5 |
| 167.5° | 1353.0 | 1356.2 | 1353.0 | 1349.8 | 1349.0 | 1337.8 | 1322.8 | 1315.3 | 1312.2 | 1305.9 | 1301.1 |
| 170° | 1349.0 | 1349.0 | 1349.0 | 1349.0 | 1349.0 | 1337.8 | 1322.8 | 1315.3 | 1315.1 | 1314.7 | 1314.5 |
| 172.5° | 1338.5 | 1335.8 | 1338.5 | 1341.3 | 1342.0 | 1333.1 | 1321.2 | 1315.3 | 1315.3 | 1315.3 | 1315.3 |
| 175° | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1326.6 | 1319.0 | 1315.3 | 1317.1 | 1320.7 | 1323.3 |
| 177.5° | 1326.5 | 1323.3 | 1326.5 | 1329.6 | 1330.4 | 1326.0 | 1320.1 | 1317.1 | 1318.5 | 1321.2 | 1323.3 |
| 180° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 |



TEST NUMBER: P934801

CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 3071.4 | 3054.2 | 3054.2 | 3025.5 | 3014.1 | 3005.5 | 2991.2 | 2948.2 | 2936.7 | 2925.3 | 2942.5 |
| 5° | 3097.2 | 3065.6 | 3042.7 | 2991.2 | 2948.2 | 2931.0 | 2876.6 | 2773.4 | 2704.7 | 2653.1 | 2624.4 |
| 7.5° | 3102.9 | 3062.8 | 3019.8 | 2939.6 | 2836.4 | 2790.6 | 2624.4 | 2435.2 | 2383.7 | 2337.8 | 2309.2 |
| 10° | 3097.2 | 3051.3 | 2991.2 | 2870.8 | 2627.3 | 2547.1 | 2380.8 | 2257.6 | 2226.1 | 2217.5 | 2226.1 |
| 12.5° | 3077.1 | 3034.1 | 2951.0 | 2750.5 | 2409.5 | 2355.0 | 2257.6 | 2186.0 | 2180.3 | 2194.6 | 2271.9 |
| 15° | 3042.7 | 3002.6 | 2905.2 | 2590.1 | 2289.1 | 2249.0 | 2180.3 | 2154.5 | 2186.0 | 2286.3 | 2518.3 |
| 17.5° | 3008.3 | 2962.5 | 2842.2 | 2432.4 | 2197.5 | 2168.8 | 2120.1 | 2171.7 | 2349.3 | 2484.0 | 2561.4 |
| 20° | 2962.5 | 2908.1 | 2770.6 | 2317.8 | 2131.6 | 2105.8 | 2082.9 | 2314.9 | 2449.6 | 2498.3 | 2541.4 |
| 22.5° | 2908.1 | 2850.8 | 2673.1 | 2237.6 | 2062.8 | 2042.7 | 2057.1 | 2395.1 | 2449.6 | 2484.0 | 2521.2 |
| 25° | 2836.4 | 2787.7 | 2558.5 | 2174.5 | 2008.4 | 1985.4 | 2039.9 | 2386.5 | 2418.1 | 2426.7 | 2501.1 |
| 27.5° | 2770.6 | 2707.5 | 2438.1 | 2117.2 | 1942.5 | 1933.9 | 2054.2 | 2349.3 | 2372.2 | 2380.8 | 2461.0 |
| 30° | 2690.3 | 2595.8 | 2303.5 | 2057.1 | 1873.7 | 1870.8 | 2057.1 | 2303.5 | 2297.7 | 2320.6 | 2400.9 |
| 32.5° | 2607.2 | 2429.5 | 2151.6 | 1982.6 | 1807.8 | 1805.0 | 2037.0 | 2234.7 | 2229.0 | 2260.5 | 2320.6 |
| 35° | 2529.9 | 2300.6 | 1945.3 | 1896.6 | 1724.7 | 1727.6 | 1988.3 | 2154.5 | 2157.3 | 2186.0 | 2223.2 |
| 37.5° | 2449.6 | 2188.9 | 1719.0 | 1802.1 | 1644.5 | 1644.5 | 1922.4 | 2080.0 | 2074.3 | 2082.9 | 2134.4 |
| 40° | 2355.0 | 2014.1 | 1518.4 | 1678.9 | 1570.0 | 1561.4 | 1842.2 | 1999.8 | 1979.7 | 1976.8 | 2048.5 |
| 42.5° | 2254.8 | 1822.1 | 1369.5 | 1515.6 | 1484.1 | 1472.6 | 1744.8 | 1902.4 | 1865.1 | 1873.7 | 1965.4 |
| 45° | 2145.9 | 1770.6 | 1254.9 | 1280.7 | 1395.3 | 1386.7 | 1638.8 | 1790.6 | 1764.8 | 1787.8 | 1882.3 |
| 47.5° | 2037.0 | 1667.4 | 1217.6 | 1062.9 | 1300.7 | 1297.8 | 1521.3 | 1681.8 | 1667.4 | 1690.4 | 1790.6 |
| 50° | 1888.0 | 1552.8 | 1214.8 | 911.1 | 1194.7 | 1206.2 | 1380.9 | 1575.8 | 1575.8 | 1595.8 | 1701.8 |
| 52.5° | 1696.1 | 1412.4 | 1103.0 | 825.1 | 1071.5 | 1105.9 | 1257.7 | 1484.1 | 1489.8 | 1509.9 | 1604.4 |
| 55° | 1521.3 | 1266.3 | 1022.8 | 759.2 | 925.4 | 999.9 | 1137.4 | 1389.5 | 1401.0 | 1421.0 | 1507.0 |
| 57.5° | 1360.9 | 1054.3 | 1005.6 | 681.9 | 790.7 | 862.4 | 1031.4 | 1297.8 | 1303.6 | 1320.8 | 1403.8 |
| 60° | 1189.0 | 762.1 | 922.5 | 598.8 | 673.3 | 727.7 | 934.0 | 1189.0 | 1209.0 | 1220.5 | 1292.1 |
| 62.5° | 994.2 | 552.9 | 836.6 | 541.5 | 616.0 | 627.4 | 853.8 | 1085.8 | 1111.6 | 1120.2 | 1163.2 |
| 65° | 707.7 | 464.1 | 710.5 | 492.8 | 555.8 | 558.7 | 767.8 | 979.8 | 1002.8 | 1017.1 | 1048.6 |
| 67.5° | 478.5 | 378.2 | 541.5 | 446.9 | 510.0 | 512.8 | 684.7 | 856.6 | 888.2 | 899.6 | 919.7 |
| 70° | 332.3 | 252.1 | 401.1 | 398.2 | 458.4 | 464.1 | 595.9 | 744.9 | 773.6 | 782.1 | 793.6 |
| 72.5° | 243.5 | 203.4 | 332.3 | 358.1 | 404.0 | 409.7 | 504.2 | 618.8 | 647.5 | 656.1 | 661.8 |
| 75° | 186.2 | 214.9 | 269.3 | 312.3 | 343.8 | 346.7 | 412.6 | 504.2 | 524.3 | 530.0 | 532.9 |
| 77.5° | 149.0 | 200.5 | 197.7 | 252.1 | 280.8 | 275.0 | 323.7 | 389.6 | 406.8 | 406.8 | 406.8 |
| 80° | 111.7 | 157.6 | 149.0 | 180.5 | 206.3 | 200.5 | 232.1 | 277.9 | 283.6 | 289.4 | 286.5 |
| 82.5° | 83.1 | 100.3 | 100.3 | 114.6 | 137.5 | 131.8 | 154.7 | 180.5 | 180.5 | 180.5 | 186.2 |
| 85° | 51.6 | 57.3 | 45.8 | 60.2 | 77.4 | 74.5 | 86.0 | 97.4 | 100.3 | 100.3 | 94.5 |
| 87.5° | 31.5 | 25.8 | 14.3 | 22.9 | 34.4 | 34.4 | 40.1 | 43.0 | 40.1 | 40.1 | 40.1 |
| 90° | 23.0 | 15.9 | 8.9 | 15.9 | 23.0 | 24.8 | 39.1 | 58.1 | 67.5 | 60.0 | 45.0 |
| 92.5° | 156.3 | 95.9 | 35.5 | 95.9 | 156.3 | 171.4 | 240.9 | 333.7 | 380.1 | 333.1 | 239.2 |
| 95° | 306.4 | 195.8 | 85.3 | 195.8 | 306.4 | 334.0 | 593.0 | 938.4 | 1111.0 | 991.5 | 752.3 |
| 97.5° | 342.5 | 245.0 | 147.5 | 245.0 | 342.5 | 366.8 | 798.8 | 1374.6 | 1662.6 | 1586.9 | 1435.7 |
| 100° | 372.3 | 283.8 | 195.4 | 283.8 | 372.3 | 394.3 | 873.6 | 1512.6 | 1832.2 | 1837.7 | 1848.8 |
| 102.5° | 401.2 | 318.8 | 236.3 | 318.8 | 401.2 | 421.8 | 907.9 | 1556.1 | 1880.2 | 1976.5 | 2169.1 |
| 105° | 445.2 | 375.4 | 305.5 | 375.4 | 445.2 | 462.7 | 933.4 | 1561.0 | 1874.9 | 2090.8 | 2522.6 |
| 107.5° | 506.8 | 441.7 | 376.6 | 441.7 | 506.8 | 523.1 | 938.2 | 1491.6 | 1768.3 | 2069.5 | 2671.8 |
| 110° | 542.2 | 483.3 | 424.5 | 483.3 | 542.2 | 556.9 | 931.0 | 1430.0 | 1679.5 | 2016.2 | 2689.6 |



TEST NUMBER: P934801

CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 583.7 | 527.6 | 471.6 | 527.6 | 583.7 | 597.7 | 931.4 | 1376.3 | 1598.7 | 1943.2 | 2632.5 |
| 115° | 646.1 | 594.3 | 542.6 | 594.3 | 646.1 | 658.9 | 939.9 | 1314.6 | 1501.8 | 1833.8 | 2497.7 |
| 117.5° | 706.7 | 659.8 | 612.8 | 659.8 | 706.7 | 718.4 | 957.4 | 1275.9 | 1435.2 | 1734.8 | 2333.9 |
| 120° | 742.0 | 697.9 | 653.7 | 697.9 | 742.0 | 753.1 | 971.6 | 1262.9 | 1408.5 | 1682.2 | 2229.7 |
| 122.5° | 782.8 | 738.2 | 693.6 | 738.2 | 782.8 | 794.0 | 992.1 | 1256.1 | 1388.1 | 1634.6 | 2127.6 |
| 125° | 836.3 | 795.6 | 754.9 | 795.6 | 836.3 | 846.4 | 1019.6 | 1250.5 | 1365.9 | 1575.4 | 1994.1 |
| 127.5° | 886.8 | 845.7 | 804.7 | 845.7 | 886.8 | 897.0 | 1047.2 | 1247.2 | 1347.3 | 1527.1 | 1886.7 |
| 130° | 919.7 | 875.5 | 831.3 | 875.5 | 919.7 | 930.7 | 1067.2 | 1249.1 | 1340.2 | 1500.2 | 1820.3 |
| 132.5° | 947.2 | 903.0 | 858.8 | 903.0 | 947.2 | 958.2 | 1083.4 | 1250.5 | 1333.9 | 1477.2 | 1763.8 |
| 135° | 980.2 | 939.9 | 899.7 | 939.9 | 980.2 | 990.2 | 1101.3 | 1249.3 | 1323.3 | 1443.3 | 1683.3 |
| 137.5° | 1021.2 | 981.3 | 941.4 | 981.3 | 1021.2 | 1031.1 | 1128.0 | 1257.0 | 1321.5 | 1423.0 | 1625.9 |
| 140° | 1049.4 | 1012.7 | 976.0 | 1012.7 | 1049.4 | 1058.6 | 1144.2 | 1258.3 | 1315.3 | 1403.0 | 1578.2 |
| 142.5° | 1070.6 | 1036.7 | 1002.7 | 1036.7 | 1070.6 | 1079.1 | 1157.8 | 1262.8 | 1315.3 | 1392.3 | 1546.2 |
| 145° | 1102.7 | 1073.1 | 1043.5 | 1073.1 | 1102.7 | 1110.2 | 1175.6 | 1262.8 | 1306.4 | 1369.4 | 1495.3 |
| 147.5° | 1142.1 | 1113.2 | 1084.4 | 1113.2 | 1142.1 | 1149.2 | 1201.7 | 1271.5 | 1306.4 | 1356.0 | 1455.0 |
| 150° | 1163.2 | 1137.1 | 1111.0 | 1137.1 | 1163.2 | 1169.7 | 1215.2 | 1276.1 | 1306.4 | 1348.3 | 1431.9 |
| 152.5° | 1178.0 | 1158.3 | 1138.6 | 1158.3 | 1178.0 | 1183.0 | 1224.1 | 1279.0 | 1306.4 | 1342.2 | 1413.6 |
| 155° | 1208.6 | 1194.0 | 1179.4 | 1194.0 | 1208.6 | 1212.3 | 1243.7 | 1285.5 | 1306.4 | 1334.9 | 1391.7 |
| 157.5° | 1238.1 | 1223.8 | 1209.6 | 1223.8 | 1238.1 | 1241.6 | 1263.2 | 1292.0 | 1306.4 | 1328.5 | 1372.7 |
| 160° | 1252.2 | 1241.1 | 1230.0 | 1241.1 | 1252.2 | 1255.0 | 1272.2 | 1295.0 | 1306.4 | 1325.3 | 1363.3 |
| 162.5° | 1267.0 | 1258.8 | 1250.5 | 1258.8 | 1267.0 | 1269.1 | 1281.5 | 1298.1 | 1306.4 | 1322.4 | 1354.4 |
| 165° | 1287.6 | 1280.2 | 1272.7 | 1280.2 | 1287.6 | 1289.5 | 1295.2 | 1302.7 | 1306.4 | 1317.9 | 1340.7 |
| 167.5° | 1300.2 | 1296.6 | 1293.1 | 1296.6 | 1300.2 | 1301.1 | 1305.9 | 1312.2 | 1315.3 | 1322.8 | 1337.8 |
| 170° | 1313.6 | 1310.0 | 1306.4 | 1310.0 | 1313.6 | 1314.5 | 1314.7 | 1315.1 | 1315.3 | 1322.8 | 1337.8 |
| 172.5° | 1315.1 | 1314.3 | 1313.5 | 1314.3 | 1315.1 | 1315.3 | 1315.3 | 1315.3 | 1315.3 | 1321.2 | 1333.1 |
| 175° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1320.7 | 1317.1 | 1315.3 | 1319.0 | 1326.6 |
| 177.5° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1321.2 | 1318.5 | 1317.1 | 1320.1 | 1326.0 |
| 180° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 |



TEST NUMBER: P934801
 CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 2922.4 | 2913.8 | 2925.3 | 2893.7 | 2925.3 | 2913.8 | 2922.4 | 2942.5 | 2925.3 | 2936.7 | 2948.2 |
| 5° | 2564.3 | 2549.9 | 2504.0 | 2466.8 | 2504.0 | 2549.9 | 2564.3 | 2624.4 | 2653.1 | 2704.7 | 2773.4 |
| 7.5° | 2292.0 | 2280.5 | 2269.1 | 2246.2 | 2269.1 | 2280.5 | 2292.0 | 2309.2 | 2337.8 | 2383.7 | 2435.2 |
| 10° | 2231.8 | 2234.7 | 2251.9 | 2249.0 | 2251.9 | 2234.7 | 2231.8 | 2226.1 | 2217.5 | 2226.1 | 2257.6 |
| 12.5° | 2386.5 | 2412.3 | 2506.9 | 2501.1 | 2506.9 | 2412.3 | 2386.5 | 2271.9 | 2194.6 | 2180.3 | 2186.0 |
| 15° | 2564.3 | 2572.9 | 2592.9 | 2595.8 | 2592.9 | 2572.9 | 2564.3 | 2518.3 | 2286.3 | 2186.0 | 2154.5 |
| 17.5° | 2581.5 | 2584.3 | 2598.7 | 2598.7 | 2598.7 | 2584.3 | 2581.5 | 2561.4 | 2484.0 | 2349.3 | 2171.7 |
| 20° | 2567.1 | 2572.9 | 2601.5 | 2607.2 | 2601.5 | 2572.9 | 2567.1 | 2541.4 | 2498.3 | 2449.6 | 2314.9 |
| 22.5° | 2561.4 | 2572.9 | 2595.8 | 2592.9 | 2595.8 | 2572.9 | 2561.4 | 2521.2 | 2484.0 | 2449.6 | 2395.1 |
| 25° | 2532.8 | 2532.8 | 2535.6 | 2538.5 | 2535.6 | 2532.8 | 2532.8 | 2501.1 | 2426.7 | 2418.1 | 2386.5 |
| 27.5° | 2472.5 | 2478.2 | 2495.4 | 2492.5 | 2495.4 | 2478.2 | 2472.5 | 2461.0 | 2380.8 | 2372.2 | 2349.3 |
| 30° | 2418.1 | 2412.3 | 2398.0 | 2386.5 | 2398.0 | 2412.3 | 2418.1 | 2400.9 | 2320.6 | 2297.7 | 2303.5 |
| 32.5° | 2326.4 | 2312.1 | 2297.7 | 2289.1 | 2297.7 | 2312.1 | 2326.4 | 2320.6 | 2260.5 | 2229.0 | 2234.7 |
| 35° | 2217.5 | 2220.4 | 2217.5 | 2208.9 | 2217.5 | 2220.4 | 2217.5 | 2223.2 | 2186.0 | 2157.3 | 2154.5 |
| 37.5° | 2140.2 | 2145.9 | 2143.0 | 2131.6 | 2143.0 | 2145.9 | 2140.2 | 2134.4 | 2082.9 | 2074.3 | 2080.0 |
| 40° | 2059.9 | 2062.8 | 2059.9 | 2051.3 | 2059.9 | 2062.8 | 2059.9 | 2048.5 | 1976.8 | 1979.7 | 1999.8 |
| 42.5° | 1982.6 | 1979.7 | 1971.1 | 1965.4 | 1971.1 | 1979.7 | 1982.6 | 1965.4 | 1873.7 | 1865.1 | 1902.4 |
| 45° | 1893.8 | 1896.6 | 1879.4 | 1870.8 | 1879.4 | 1896.6 | 1893.8 | 1882.3 | 1787.8 | 1764.8 | 1790.6 |
| 47.5° | 1805.0 | 1805.0 | 1790.6 | 1782.0 | 1790.6 | 1805.0 | 1805.0 | 1790.6 | 1690.4 | 1667.4 | 1681.8 |
| 50° | 1710.4 | 1707.5 | 1687.5 | 1684.6 | 1687.5 | 1707.5 | 1710.4 | 1701.8 | 1595.8 | 1575.8 | 1575.8 |
| 52.5° | 1601.5 | 1601.5 | 1604.4 | 1610.1 | 1604.4 | 1601.5 | 1601.5 | 1604.4 | 1509.9 | 1489.8 | 1484.1 |
| 55° | 1507.0 | 1509.9 | 1529.9 | 1535.6 | 1529.9 | 1509.9 | 1507.0 | 1507.0 | 1421.0 | 1401.0 | 1389.5 |
| 57.5° | 1409.6 | 1409.6 | 1423.9 | 1423.9 | 1423.9 | 1409.6 | 1409.6 | 1403.8 | 1320.8 | 1303.6 | 1297.8 |
| 60° | 1297.8 | 1303.6 | 1315.0 | 1312.2 | 1315.0 | 1303.6 | 1297.8 | 1292.1 | 1220.5 | 1209.0 | 1189.0 |
| 62.5° | 1180.4 | 1186.1 | 1189.0 | 1183.2 | 1189.0 | 1186.1 | 1180.4 | 1163.2 | 1120.2 | 1111.6 | 1085.8 |
| 65° | 1057.2 | 1062.9 | 1065.8 | 1060.0 | 1065.8 | 1062.9 | 1057.2 | 1048.6 | 1017.1 | 1002.8 | 979.8 |
| 67.5° | 931.1 | 928.3 | 925.4 | 936.9 | 925.4 | 928.3 | 931.1 | 919.7 | 899.6 | 888.2 | 856.6 |
| 70° | 802.2 | 802.2 | 799.3 | 805.1 | 799.3 | 802.2 | 802.2 | 793.6 | 782.1 | 773.6 | 744.9 |
| 72.5° | 664.7 | 661.8 | 673.3 | 664.7 | 673.3 | 661.8 | 664.7 | 661.8 | 656.1 | 647.5 | 618.8 |
| 75° | 530.0 | 535.8 | 530.0 | 538.6 | 530.0 | 535.8 | 530.0 | 532.9 | 530.0 | 524.3 | 504.2 |
| 77.5° | 404.0 | 409.7 | 404.0 | 404.0 | 404.0 | 409.7 | 404.0 | 406.8 | 406.8 | 406.8 | 389.6 |
| 80° | 286.5 | 283.6 | 283.6 | 280.8 | 283.6 | 283.6 | 286.5 | 286.5 | 289.4 | 283.6 | 277.9 |
| 82.5° | 183.4 | 180.5 | 180.5 | 186.2 | 180.5 | 180.5 | 183.4 | 186.2 | 180.5 | 180.5 | 180.5 |
| 85° | 100.3 | 103.1 | 97.4 | 97.4 | 97.4 | 103.1 | 100.3 | 94.5 | 100.3 | 100.3 | 97.4 |
| 87.5° | 37.2 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 37.2 | 40.1 | 40.1 | 40.1 | 43.0 |
| 90° | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 45.0 | 60.0 | 67.5 | 58.1 |
| 92.5° | 168.7 | 162.1 | 135.2 | 108.4 | 135.2 | 162.1 | 168.7 | 239.2 | 333.1 | 380.1 | 333.7 |
| 95° | 572.8 | 552.5 | 471.2 | 389.9 | 471.2 | 552.5 | 572.8 | 752.3 | 991.5 | 1111.0 | 938.4 |
| 97.5° | 1322.4 | 1283.7 | 1129.0 | 974.3 | 1129.0 | 1283.7 | 1322.4 | 1435.7 | 1586.9 | 1662.6 | 1374.6 |
| 100° | 1857.1 | 1811.0 | 1626.7 | 1442.3 | 1626.7 | 1811.0 | 1857.1 | 1848.8 | 1837.7 | 1832.2 | 1512.6 |
| 102.5° | 2313.6 | 2274.1 | 2116.2 | 1958.3 | 2116.2 | 2274.1 | 2313.6 | 2169.1 | 1976.5 | 1880.2 | 1556.1 |
| 105° | 2846.5 | 2825.3 | 2740.4 | 2655.5 | 2740.4 | 2825.3 | 2846.5 | 2522.6 | 2090.8 | 1874.9 | 1561.0 |
| 107.5° | 3123.5 | 3128.7 | 3149.2 | 3169.7 | 3149.2 | 3128.7 | 3123.5 | 2671.8 | 2069.5 | 1768.3 | 1491.6 |
| 110° | 3194.6 | 3216.6 | 3305.1 | 3393.5 | 3305.1 | 3216.6 | 3194.6 | 2689.6 | 2016.2 | 1679.5 | 1430.0 |



TEST NUMBER: P934801

CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3149.3 | 3183.2 | 3319.0 | 3454.8 | 3319.0 | 3183.2 | 3149.3 | 2632.5 | 1943.2 | 1598.7 | 1376.3 |
| 115° | 2995.6 | 3042.7 | 3231.0 | 3419.3 | 3231.0 | 3042.7 | 2995.6 | 2497.7 | 1833.8 | 1501.8 | 1314.6 |
| 117.5° | 2783.3 | 2835.6 | 3044.3 | 3253.2 | 3044.3 | 2835.6 | 2783.3 | 2333.9 | 1734.8 | 1435.2 | 1275.9 |
| 120° | 2640.4 | 2691.1 | 2894.0 | 3096.9 | 2894.0 | 2691.1 | 2640.4 | 2229.7 | 1682.2 | 1408.5 | 1262.9 |
| 122.5° | 2497.4 | 2547.5 | 2747.5 | 2947.7 | 2747.5 | 2547.5 | 2497.4 | 2127.6 | 1634.6 | 1388.1 | 1256.1 |
| 125° | 2308.2 | 2354.4 | 2538.7 | 2723.0 | 2538.7 | 2354.4 | 2308.2 | 1994.1 | 1575.4 | 1365.9 | 1250.5 |
| 127.5° | 2156.4 | 2195.3 | 2350.8 | 2506.3 | 2350.8 | 2195.3 | 2156.4 | 1886.7 | 1527.1 | 1347.3 | 1247.2 |
| 130° | 2060.4 | 2096.3 | 2240.0 | 2383.8 | 2240.0 | 2096.3 | 2060.4 | 1820.3 | 1500.2 | 1340.2 | 1249.1 |
| 132.5° | 1978.8 | 2010.9 | 2139.6 | 2268.3 | 2139.6 | 2010.9 | 1978.8 | 1763.8 | 1477.2 | 1333.9 | 1250.5 |
| 135° | 1863.3 | 1891.0 | 2002.0 | 2112.8 | 2002.0 | 1891.0 | 1863.3 | 1683.3 | 1443.3 | 1323.3 | 1249.3 |
| 137.5° | 1778.0 | 1800.7 | 1891.5 | 1982.3 | 1891.5 | 1800.7 | 1778.0 | 1625.9 | 1423.0 | 1321.5 | 1257.0 |
| 140° | 1709.6 | 1730.8 | 1815.7 | 1900.5 | 1815.7 | 1730.8 | 1709.6 | 1578.2 | 1403.0 | 1315.3 | 1258.3 |
| 142.5° | 1661.7 | 1679.9 | 1753.0 | 1826.0 | 1753.0 | 1679.9 | 1661.7 | 1546.2 | 1392.3 | 1315.3 | 1262.8 |
| 145° | 1589.8 | 1603.6 | 1658.8 | 1714.0 | 1658.8 | 1603.6 | 1589.8 | 1495.3 | 1369.4 | 1306.4 | 1262.8 |
| 147.5° | 1529.3 | 1540.8 | 1586.5 | 1632.4 | 1586.5 | 1540.8 | 1529.3 | 1455.0 | 1356.0 | 1306.4 | 1271.5 |
| 150° | 1494.7 | 1503.9 | 1541.1 | 1578.2 | 1541.1 | 1503.9 | 1494.7 | 1431.9 | 1348.3 | 1306.4 | 1276.1 |
| 152.5° | 1467.2 | 1474.1 | 1502.2 | 1530.2 | 1502.2 | 1474.1 | 1467.2 | 1413.6 | 1342.2 | 1306.4 | 1279.0 |
| 155° | 1434.3 | 1439.0 | 1457.5 | 1476.0 | 1457.5 | 1439.0 | 1434.3 | 1391.7 | 1334.9 | 1306.4 | 1285.5 |
| 157.5° | 1405.9 | 1409.1 | 1422.2 | 1435.2 | 1422.2 | 1409.1 | 1405.9 | 1372.7 | 1328.5 | 1306.4 | 1292.0 |
| 160° | 1391.7 | 1393.6 | 1401.1 | 1408.5 | 1401.1 | 1393.6 | 1391.7 | 1363.3 | 1325.3 | 1306.4 | 1295.0 |
| 162.5° | 1378.4 | 1380.2 | 1387.2 | 1394.4 | 1387.2 | 1380.2 | 1378.4 | 1354.4 | 1322.4 | 1306.4 | 1298.1 |
| 165° | 1357.9 | 1359.8 | 1367.3 | 1374.8 | 1367.3 | 1359.8 | 1357.9 | 1340.7 | 1317.9 | 1306.4 | 1302.7 |
| 167.5° | 1349.0 | 1349.8 | 1353.0 | 1356.2 | 1353.0 | 1349.8 | 1349.0 | 1337.8 | 1322.8 | 1315.3 | 1312.2 |
| 170° | 1349.0 | 1349.0 | 1349.0 | 1349.0 | 1349.0 | 1349.0 | 1349.0 | 1337.8 | 1322.8 | 1315.3 | 1315.1 |
| 172.5° | 1342.0 | 1341.3 | 1338.5 | 1335.8 | 1338.5 | 1341.3 | 1342.0 | 1333.1 | 1321.2 | 1315.3 | 1315.3 |
| 175° | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1326.6 | 1319.0 | 1315.3 | 1317.1 |
| 177.5° | 1330.4 | 1329.6 | 1326.5 | 1323.3 | 1326.5 | 1329.6 | 1330.4 | 1326.0 | 1320.1 | 1317.1 | 1318.5 |
| 180° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 |



TEST NUMBER: P934801
 CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 3028.4 | 3028.4 | 3028.4 | 3028.4 | 3028.4 |
| 2.5° | 2991.2 | 3005.5 | 3014.1 | 3025.5 | 3054.2 |
| 5° | 2876.6 | 2931.0 | 2948.2 | 2991.2 | 3042.7 |
| 7.5° | 2624.4 | 2790.6 | 2836.4 | 2939.6 | 3019.8 |
| 10° | 2380.8 | 2547.1 | 2627.3 | 2870.8 | 2991.2 |
| 12.5° | 2257.6 | 2355.0 | 2409.5 | 2750.5 | 2951.0 |
| 15° | 2180.3 | 2249.0 | 2289.1 | 2590.1 | 2905.2 |
| 17.5° | 2120.1 | 2168.8 | 2197.5 | 2432.4 | 2842.2 |
| 20° | 2082.9 | 2105.8 | 2131.6 | 2317.8 | 2770.6 |
| 22.5° | 2057.1 | 2042.7 | 2062.8 | 2237.6 | 2673.1 |
| 25° | 2039.9 | 1985.4 | 2008.4 | 2174.5 | 2558.5 |
| 27.5° | 2054.2 | 1933.9 | 1942.5 | 2117.2 | 2438.1 |
| 30° | 2057.1 | 1870.8 | 1873.7 | 2057.1 | 2303.5 |
| 32.5° | 2037.0 | 1805.0 | 1807.8 | 1982.6 | 2151.6 |
| 35° | 1988.3 | 1727.6 | 1724.7 | 1896.6 | 1945.3 |
| 37.5° | 1922.4 | 1644.5 | 1644.5 | 1802.1 | 1719.0 |
| 40° | 1842.2 | 1561.4 | 1570.0 | 1678.9 | 1518.4 |
| 42.5° | 1744.8 | 1472.6 | 1484.1 | 1515.6 | 1369.5 |
| 45° | 1638.8 | 1386.7 | 1395.3 | 1280.7 | 1254.9 |
| 47.5° | 1521.3 | 1297.8 | 1300.7 | 1062.9 | 1217.6 |
| 50° | 1380.9 | 1206.2 | 1194.7 | 911.1 | 1214.8 |
| 52.5° | 1257.7 | 1105.9 | 1071.5 | 825.1 | 1103.0 |
| 55° | 1137.4 | 999.9 | 925.4 | 759.2 | 1022.8 |
| 57.5° | 1031.4 | 862.4 | 790.7 | 681.9 | 1005.6 |
| 60° | 934.0 | 727.7 | 673.3 | 598.8 | 922.5 |
| 62.5° | 853.8 | 627.4 | 616.0 | 541.5 | 836.6 |
| 65° | 767.8 | 558.7 | 555.8 | 492.8 | 710.5 |
| 67.5° | 684.7 | 512.8 | 510.0 | 446.9 | 541.5 |
| 70° | 595.9 | 464.1 | 458.4 | 398.2 | 401.1 |
| 72.5° | 504.2 | 409.7 | 404.0 | 358.1 | 332.3 |
| 75° | 412.6 | 346.7 | 343.8 | 312.3 | 269.3 |
| 77.5° | 323.7 | 275.0 | 280.8 | 252.1 | 197.7 |
| 80° | 232.1 | 200.5 | 206.3 | 180.5 | 149.0 |
| 82.5° | 154.7 | 131.8 | 137.5 | 114.6 | 100.3 |
| 85° | 86.0 | 74.5 | 77.4 | 60.2 | 45.8 |
| 87.5° | 40.1 | 34.4 | 34.4 | 22.9 | 14.3 |
| 90° | 39.1 | 24.8 | 23.0 | 15.9 | 8.9 |
| 92.5° | 240.9 | 171.4 | 156.3 | 95.9 | 35.5 |
| 95° | 593.0 | 334.0 | 306.4 | 195.8 | 85.3 |
| 97.5° | 798.8 | 366.8 | 342.5 | 245.0 | 147.5 |
| 100° | 873.6 | 394.3 | 372.3 | 283.8 | 195.4 |
| 102.5° | 907.9 | 421.8 | 401.2 | 318.8 | 236.3 |
| 105° | 933.4 | 462.7 | 445.2 | 375.4 | 305.5 |
| 107.5° | 938.2 | 523.1 | 506.8 | 441.7 | 376.6 |
| 110° | 931.0 | 556.9 | 542.2 | 483.3 | 424.5 |



TEST NUMBER: P934801

CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 931.4 | 597.7 | 583.7 | 527.6 | 471.6 |
| 115° | 939.9 | 658.9 | 646.1 | 594.3 | 542.6 |
| 117.5° | 957.4 | 718.4 | 706.7 | 659.8 | 612.8 |
| 120° | 971.6 | 753.1 | 742.0 | 697.9 | 653.7 |
| 122.5° | 992.1 | 794.0 | 782.8 | 738.2 | 693.6 |
| 125° | 1019.6 | 846.4 | 836.3 | 795.6 | 754.9 |
| 127.5° | 1047.2 | 897.0 | 886.8 | 845.7 | 804.7 |
| 130° | 1067.2 | 930.7 | 919.7 | 875.5 | 831.3 |
| 132.5° | 1083.4 | 958.2 | 947.2 | 903.0 | 858.8 |
| 135° | 1101.3 | 990.2 | 980.2 | 939.9 | 899.7 |
| 137.5° | 1128.0 | 1031.1 | 1021.2 | 981.3 | 941.4 |
| 140° | 1144.2 | 1058.6 | 1049.4 | 1012.7 | 976.0 |
| 142.5° | 1157.8 | 1079.1 | 1070.6 | 1036.7 | 1002.7 |
| 145° | 1175.6 | 1110.2 | 1102.7 | 1073.1 | 1043.5 |
| 147.5° | 1201.7 | 1149.2 | 1142.1 | 1113.2 | 1084.4 |
| 150° | 1215.2 | 1169.7 | 1163.2 | 1137.1 | 1111.0 |
| 152.5° | 1224.1 | 1183.0 | 1178.0 | 1158.3 | 1138.6 |
| 155° | 1243.7 | 1212.3 | 1208.6 | 1194.0 | 1179.4 |
| 157.5° | 1263.2 | 1241.6 | 1238.1 | 1223.8 | 1209.6 |
| 160° | 1272.2 | 1255.0 | 1252.2 | 1241.1 | 1230.0 |
| 162.5° | 1281.5 | 1269.1 | 1267.0 | 1258.8 | 1250.5 |
| 165° | 1295.2 | 1289.5 | 1287.6 | 1280.2 | 1272.7 |
| 167.5° | 1305.9 | 1301.1 | 1300.2 | 1296.6 | 1293.1 |
| 170° | 1314.7 | 1314.5 | 1313.6 | 1310.0 | 1306.4 |
| 172.5° | 1315.3 | 1315.3 | 1315.1 | 1314.3 | 1313.5 |
| 175° | 1320.7 | 1323.3 | 1323.3 | 1323.3 | 1323.3 |
| 177.5° | 1321.2 | 1323.3 | 1323.3 | 1323.3 | 1323.3 |
| 180° | 1323.3 | 1323.3 | 1323.3 | 1323.3 | 1323.3 |



TEST NUMBER: P934801
 CATALOG NUMBER: SQ4-FA-075U-075D-B40-1D-UNV-STD-W-12

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 | 12.38 | 13.22 | 13.35 | 14.21 | 15.51 | 15.23 | 16.07 | 16.20 | 17.06 | 18.36 |
| | 3H | 12.85 | 13.61 | 13.84 | 14.61 | 15.93 | 16.58 | 17.33 | 17.57 | 18.33 | 19.66 |
| | 4H | 13.04 | 13.76 | 14.04 | 14.76 | 16.09 | 17.03 | 17.74 | 18.03 | 18.74 | 20.08 |
| | 6H | 13.16 | 13.82 | 14.17 | 14.83 | 16.17 | 17.32 | 17.97 | 18.33 | 18.98 | 20.33 |
| | 8H | 13.16 | 13.79 | 14.18 | 14.81 | 16.15 | 17.39 | 18.02 | 18.41 | 19.04 | 20.38 |
| | 12H | 13.13 | 13.73 | 14.15 | 14.74 | 16.11 | 17.43 | 18.03 | 18.46 | 19.05 | 20.41 |
| 4H | 2H | 13.41 | 14.13 | 14.42 | 15.13 | 16.46 | 15.64 | 16.35 | 16.64 | 17.35 | 18.68 |
| | 3H | 14.44 | 15.03 | 15.45 | 16.06 | 17.41 | 17.15 | 17.74 | 18.16 | 18.77 | 20.12 |
| | 4H | 14.71 | 15.26 | 15.74 | 16.28 | 17.65 | 17.68 | 18.22 | 18.70 | 19.24 | 20.61 |
| | 6H | 14.84 | 15.31 | 15.87 | 16.35 | 17.72 | 18.05 | 18.51 | 19.08 | 19.56 | 20.93 |
| | 8H | 14.84 | 15.28 | 15.88 | 16.32 | 17.70 | 18.16 | 18.59 | 19.19 | 19.63 | 21.01 |
| | 12H | 14.81 | 15.20 | 15.86 | 16.26 | 17.64 | 18.22 | 18.61 | 19.27 | 19.66 | 21.05 |
| 8H | 4H | 15.17 | 15.61 | 16.20 | 16.65 | 18.03 | 17.80 | 18.24 | 18.83 | 19.28 | 20.66 |
| | 6H | 15.43 | 15.79 | 16.49 | 16.87 | 18.25 | 18.24 | 18.60 | 19.30 | 19.68 | 21.06 |
| | 8H | 15.47 | 15.79 | 16.54 | 16.86 | 18.25 | 18.40 | 18.71 | 19.46 | 19.78 | 21.18 |
| | 12H | 15.46 | 15.74 | 16.53 | 16.80 | 18.23 | 18.50 | 18.78 | 19.57 | 19.84 | 21.28 |
| 12H | 4H | 15.18 | 15.57 | 16.23 | 16.62 | 18.01 | 17.76 | 18.16 | 18.82 | 19.21 | 20.60 |
| | 6H | 15.49 | 15.81 | 16.56 | 16.88 | 18.27 | 18.24 | 18.56 | 19.30 | 19.62 | 21.02 |
| | 8H | 15.56 | 15.84 | 16.63 | 16.90 | 18.34 | 18.40 | 18.68 | 19.47 | 19.74 | 21.18 |