

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: P935617

Luminaire Tested: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935617
REPORT IS A COMBINATION OF REPORTS P933761 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

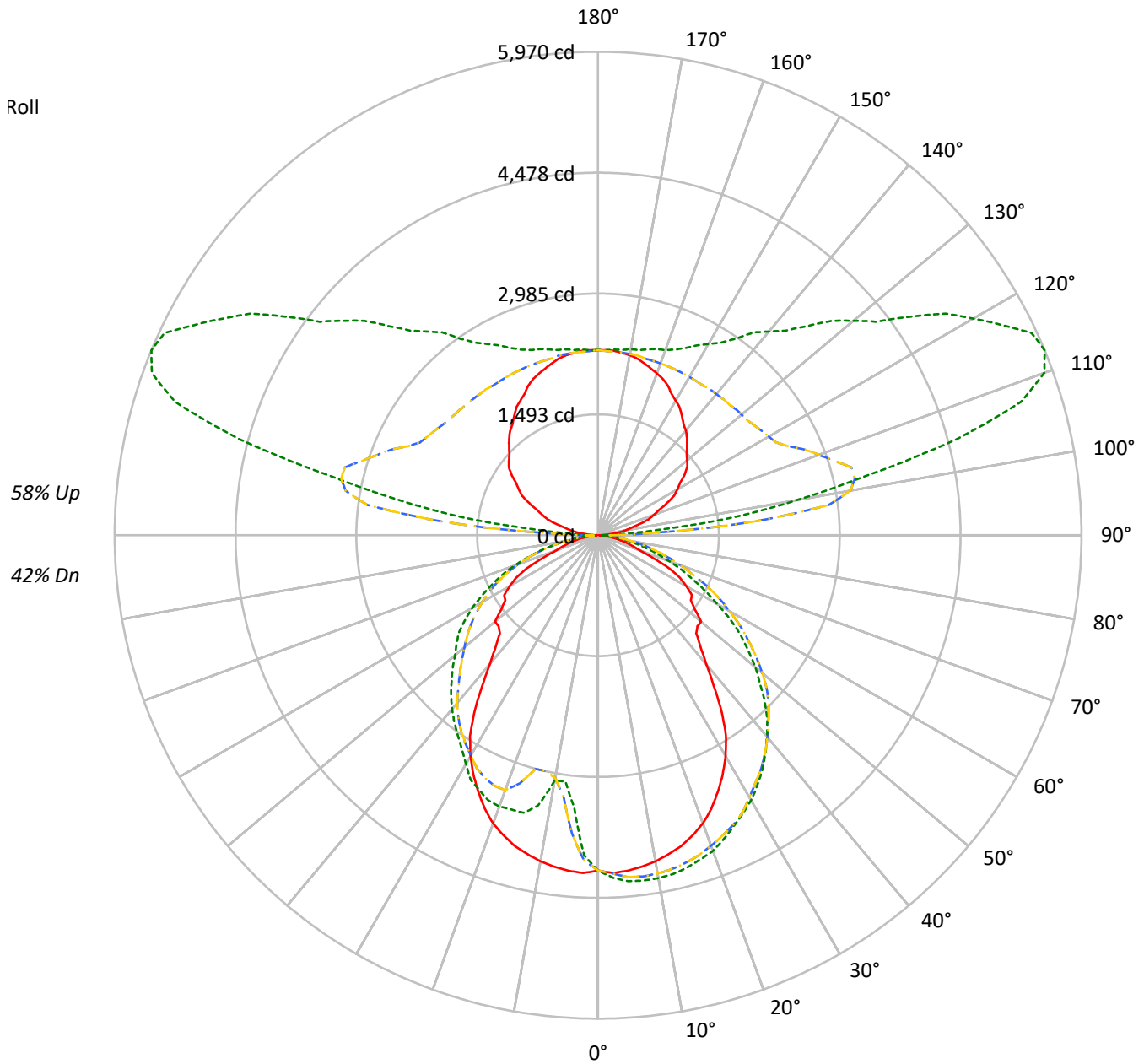
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25564.5 lumens
Efficiency: N/A
Efficacy: 132.3 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): 193.2
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: P935617
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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 | | | | 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 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 49 | 49 | 49 | 49 | 49 | 49 | 42 |
| 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 78 | 69 | 67 | 65 | 56 | 54 | 53 | 43 | 42 | 41 | 41 | 41 | 41 | 35 |
| 2 | 87 | 80 | 74 | 69 | 80 | 73 | 68 | 64 | 61 | 57 | 54 | 49 | 46 | 44 | 38 | 36 | 35 | 35 | 35 | 35 | 30 |
| 3 | 80 | 70 | 63 | 57 | 72 | 65 | 58 | 53 | 53 | 49 | 45 | 43 | 40 | 37 | 34 | 31 | 30 | 30 | 30 | 30 | 25 |
| 4 | 73 | 62 | 54 | 49 | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 38 | 35 | 32 | 30 | 28 | 25 | 25 | 25 | 25 | 22 |
| 5 | 67 | 55 | 47 | 41 | 61 | 51 | 44 | 39 | 42 | 37 | 33 | 34 | 31 | 27 | 27 | 24 | 22 | 22 | 22 | 22 | 19 |
| 6 | 62 | 50 | 42 | 36 | 56 | 46 | 39 | 33 | 38 | 33 | 29 | 31 | 27 | 24 | 24 | 22 | 19 | 19 | 19 | 19 | 16 |
| 7 | 57 | 45 | 37 | 31 | 52 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | 17 | 17 | 17 | 15 |
| 8 | 53 | 40 | 33 | 28 | 48 | 37 | 31 | 26 | 31 | 26 | 22 | 26 | 22 | 19 | 20 | 18 | 15 | 15 | 15 | 15 | 13 |
| 9 | 49 | 37 | 30 | 25 | 45 | 34 | 27 | 23 | 29 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 14 | 14 | 14 | 14 | 12 |
| 10 | 46 | 34 | 27 | 22 | 42 | 31 | 25 | 21 | 26 | 21 | 18 | 22 | 18 | 15 | 17 | 15 | 13 | 13 | 13 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 12803 | 12803 | 12803 | 12803 |
| 5° | 12904 | 12924 | 12904 | 10162 |
| 10° | 12822 | 12731 | 12822 | 9102 |
| 15° | 12688 | 12455 | 12688 | 10400 |
| 20° | 12427 | 12129 | 12427 | 10422 |
| 25° | 11889 | 11652 | 11889 | 10201 |
| 30° | 11192 | 11256 | 11192 | 9717 |
| 35° | 9982 | 10756 | 9982 | 9183 |
| 40° | 8323 | 10167 | 8323 | 8781 |
| 45° | 7441 | 9477 | 7441 | 8318 |
| 50° | 7911 | 8655 | 7911 | 7853 |
| 55° | 7450 | 7768 | 7450 | 7584 |
| 60° | 7690 | 6598 | 7690 | 6947 |
| 65° | 6983 | 5454 | 6983 | 6097 |
| 70° | 4847 | 4346 | 4847 | 5110 |
| 75° | 4266 | 3213 | 4266 | 3848 |
| 80° | 3463 | 2124 | 3463 | 2312 |
| 85° | 2028 | 1125 | 2028 | 957 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11397 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 373.6 | 1.5 |
| 10°-20° | 1060.9 | 4.1 |
| 20°-30° | 1640.0 | 6.4 |
| 30°-40° | 1957.8 | 7.7 |
| 40°-50° | 1969.2 | 7.7 |
| 50°-60° | 1713.5 | 6.7 |
| 60°-70° | 1214.9 | 4.8 |
| 70°-80° | 642.7 | 2.5 |
| 80°-90° | 168.8 | 0.7 |
| 90°-100° | 1114.6 | 4.4 |
| 100°-110° | 2930.4 | 11.5 |
| 110°-120° | 3038.5 | 11.9 |
| 120°-130° | 2437.2 | 9.5 |
| 130°-140° | 1912.4 | 7.5 |
| 140°-150° | 1467.8 | 5.7 |
| 150°-160° | 1057.1 | 4.1 |
| 160°-170° | 646.8 | 2.5 |
| 170°-180° | 218.5 | 0.9 |
| 0°-30° | 3074.5 | 12.0 |
| 0°-40° | 5032.3 | 19.7 |
| 0°-60° | 8715.0 | 34.1 |
| 0°-90° | 10741.4 | 42.0 |
| 90°-120° | 7083.4 | 27.7 |
| 90°-150° | 12900.8 | 50.5 |
| 90°-180° | 14823.0 | 58.0 |
| 0°-180° | 25564.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 4139 | 4139 | 4139 | 4139 | 4139 | |
| 5° | 4159 | 4288 | 4159 | 3372 | 4159 | 395 |
| 15° | 3971 | 4249 | 3971 | 3548 | 3971 | 1117 |
| 25° | 3497 | 3963 | 3497 | 3470 | 3497 | 1606 |
| 35° | 2659 | 3536 | 2659 | 3019 | 2659 | 1645 |
| 45° | 1715 | 2914 | 1715 | 2557 | 1715 | 1374 |
| 55° | 1398 | 2150 | 1398 | 2099 | 1398 | 1285 |
| 65° | 971 | 1296 | 971 | 1449 | 971 | 928 |
| 75° | 368 | 615 | 368 | 736 | 368 | 387 |
| 85° | 63 | 157 | 63 | 133 | 63 | 85 |
| 90° | 15 | 58 | 15 | 58 | 15 | 15 |
| 95° | 147 | 674 | 147 | 674 | 147 | 164 |
| 105° | 528 | 4589 | 528 | 4589 | 528 | 560 |
| 115° | 938 | 5908 | 938 | 5908 | 938 | 926 |
| 125° | 1304 | 4705 | 1304 | 4705 | 1304 | 1158 |
| 135° | 1555 | 3651 | 1555 | 3651 | 1555 | 1203 |
| 145° | 1803 | 2962 | 1803 | 2962 | 1803 | 1130 |
| 155° | 2038 | 2550 | 2038 | 2550 | 2038 | 936 |
| 165° | 2199 | 2376 | 2199 | 2376 | 2199 | 621 |
| 175° | 2287 | 2302 | 2287 | 2302 | 2287 | 217 |
| 180° | 2287 | 2287 | 2287 | 2287 | 2287 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 |
| 2.5° | 4174.6 | 4174.6 | 4198.1 | 4205.9 | 4205.9 | 4194.2 | 4182.4 | 4194.2 | 4229.4 | 4241.2 | 4237.2 |
| 5° | 4159.0 | 4190.3 | 4233.4 | 4241.2 | 4249.0 | 4245.1 | 4237.2 | 4245.1 | 4284.3 | 4292.1 | 4296.0 |
| 7.5° | 4127.6 | 4186.4 | 4241.2 | 4252.9 | 4264.7 | 4252.9 | 4249.0 | 4256.9 | 4296.0 | 4303.8 | 4303.8 |
| 10° | 4088.4 | 4170.7 | 4233.4 | 4241.2 | 4252.9 | 4241.2 | 4241.2 | 4256.9 | 4296.0 | 4303.8 | 4307.8 |
| 12.5° | 4033.6 | 4147.2 | 4205.9 | 4213.8 | 4229.4 | 4225.5 | 4221.6 | 4237.2 | 4276.5 | 4284.3 | 4284.3 |
| 15° | 3971.0 | 4104.2 | 4159.0 | 4166.8 | 4194.2 | 4186.4 | 4186.4 | 4202.1 | 4245.1 | 4256.9 | 4252.9 |
| 17.5° | 3884.8 | 4049.3 | 4112.0 | 4123.7 | 4143.3 | 4139.3 | 4143.3 | 4159.0 | 4198.1 | 4205.9 | 4209.9 |
| 20° | 3786.9 | 3974.9 | 4049.3 | 4061.1 | 4080.6 | 4080.6 | 4080.6 | 4100.2 | 4139.3 | 4155.0 | 4155.0 |
| 22.5° | 3653.7 | 3896.6 | 3974.9 | 3982.7 | 4006.2 | 4006.2 | 4014.0 | 4041.4 | 4076.7 | 4080.6 | 4080.6 |
| 25° | 3497.1 | 3810.4 | 3877.0 | 3900.5 | 3923.9 | 3935.7 | 3947.5 | 3963.2 | 3974.9 | 3971.0 | 3974.9 |
| 27.5° | 3332.6 | 3700.8 | 3786.9 | 3802.6 | 3833.9 | 3845.7 | 3861.3 | 3865.3 | 3869.1 | 3880.9 | 3873.1 |
| 30° | 3148.6 | 3548.0 | 3677.2 | 3692.9 | 3743.8 | 3751.6 | 3736.0 | 3743.8 | 3763.4 | 3771.3 | 3779.1 |
| 32.5° | 2941.0 | 3320.9 | 3563.7 | 3598.9 | 3645.9 | 3622.4 | 3618.6 | 3630.3 | 3661.6 | 3661.6 | 3669.4 |
| 35° | 2659.1 | 3144.7 | 3458.0 | 3489.3 | 3524.5 | 3497.1 | 3512.7 | 3516.7 | 3536.2 | 3548.0 | 3544.2 |
| 37.5° | 2349.7 | 2992.0 | 3348.3 | 3371.8 | 3399.2 | 3363.9 | 3387.5 | 3399.2 | 3414.9 | 3407.0 | 3407.0 |
| 40° | 2075.6 | 2753.1 | 3219.1 | 3234.7 | 3258.2 | 3230.9 | 3254.3 | 3262.2 | 3270.0 | 3262.2 | 3258.2 |
| 42.5° | 1872.0 | 2490.6 | 3082.0 | 3101.6 | 3085.9 | 3105.5 | 3113.3 | 3129.0 | 3117.2 | 3101.6 | 3101.6 |
| 45° | 1715.3 | 2420.2 | 2933.2 | 2956.7 | 2933.2 | 2964.5 | 2976.3 | 2976.3 | 2941.0 | 2933.2 | 2929.3 |
| 47.5° | 1664.4 | 2279.2 | 2784.4 | 2784.4 | 2772.6 | 2811.7 | 2831.4 | 2803.9 | 2768.7 | 2757.0 | 2757.0 |
| 50° | 1660.4 | 2122.5 | 2580.8 | 2565.0 | 2619.9 | 2666.9 | 2647.3 | 2619.9 | 2592.5 | 2549.4 | 2549.4 |
| 52.5° | 1507.7 | 1930.7 | 2318.3 | 2377.1 | 2463.3 | 2490.6 | 2459.3 | 2432.0 | 2384.9 | 2365.4 | 2349.7 |
| 55° | 1398.0 | 1731.0 | 2079.4 | 2196.9 | 2287.0 | 2322.3 | 2263.5 | 2236.1 | 2165.6 | 2153.8 | 2146.0 |
| 57.5° | 1374.6 | 1441.1 | 1860.2 | 2009.0 | 2118.7 | 2114.7 | 2079.4 | 2028.6 | 1969.8 | 1958.1 | 1954.2 |
| 60° | 1261.0 | 1041.6 | 1625.2 | 1801.4 | 1915.0 | 1903.3 | 1872.0 | 1824.9 | 1770.1 | 1762.3 | 1754.4 |
| 62.5° | 1143.5 | 755.8 | 1358.9 | 1558.7 | 1719.2 | 1715.3 | 1687.9 | 1617.4 | 1578.2 | 1558.7 | 1543.0 |
| 65° | 971.2 | 634.4 | 967.3 | 1296.3 | 1527.3 | 1535.2 | 1476.4 | 1425.5 | 1382.4 | 1358.9 | 1354.9 |
| 67.5° | 740.1 | 516.9 | 654.0 | 1080.9 | 1343.3 | 1335.4 | 1261.0 | 1237.5 | 1182.6 | 1170.9 | 1147.5 |
| 70° | 548.2 | 344.6 | 454.3 | 877.2 | 1163.1 | 1143.5 | 1084.7 | 1057.4 | 1006.5 | 979.0 | 963.4 |
| 72.5° | 454.3 | 278.0 | 332.9 | 681.4 | 979.0 | 955.5 | 904.6 | 873.3 | 830.2 | 806.7 | 791.1 |
| 75° | 368.1 | 293.7 | 254.5 | 505.2 | 794.9 | 779.3 | 732.3 | 701.0 | 665.7 | 634.4 | 638.3 |
| 77.5° | 270.2 | 274.2 | 203.6 | 372.1 | 630.5 | 607.0 | 579.6 | 540.4 | 524.7 | 493.4 | 493.4 |
| 80° | 203.6 | 215.4 | 152.7 | 254.5 | 454.3 | 454.3 | 430.8 | 403.4 | 375.9 | 360.3 | 360.3 |
| 82.5° | 137.0 | 137.0 | 113.5 | 160.6 | 309.3 | 297.6 | 282.0 | 274.2 | 258.5 | 250.7 | 250.7 |
| 85° | 62.6 | 78.3 | 70.4 | 97.9 | 168.4 | 176.3 | 176.3 | 168.4 | 164.5 | 156.6 | 160.6 |
| 87.5° | 19.6 | 35.3 | 43.1 | 54.8 | 86.2 | 90.1 | 94.0 | 94.0 | 94.0 | 97.9 | 97.9 |
| 90° | 15.3 | 27.6 | 39.9 | 43.0 | 67.5 | 100.2 | 116.6 | 103.6 | 77.8 | 58.3 | 58.3 |
| 92.5° | 61.4 | 165.7 | 270.1 | 296.2 | 416.4 | 576.7 | 656.8 | 575.6 | 413.3 | 291.6 | 280.0 |
| 95° | 147.3 | 338.3 | 529.3 | 577.0 | 1024.6 | 1621.4 | 1919.8 | 1713.1 | 1299.8 | 989.9 | 954.7 |
| 97.5° | 254.7 | 423.2 | 591.7 | 633.8 | 1380.1 | 2375.3 | 2872.8 | 2742.2 | 2481.0 | 2285.0 | 2218.2 |
| 100° | 337.6 | 490.4 | 643.2 | 681.4 | 1509.6 | 2613.9 | 3165.9 | 3175.5 | 3194.6 | 3208.9 | 3129.3 |
| 102.5° | 408.2 | 550.8 | 693.3 | 728.9 | 1568.9 | 2688.8 | 3248.8 | 3415.2 | 3748.1 | 3997.7 | 3929.6 |
| 105° | 527.9 | 648.6 | 769.4 | 799.6 | 1612.9 | 2697.3 | 3239.6 | 3612.6 | 4358.9 | 4918.5 | 4881.8 |
| 107.5° | 650.7 | 763.2 | 875.8 | 903.9 | 1621.1 | 2577.4 | 3055.5 | 3575.9 | 4616.6 | 5397.2 | 5406.1 |
| 110° | 733.6 | 835.2 | 936.8 | 962.2 | 1608.8 | 2470.9 | 2902.0 | 3483.8 | 4647.4 | 5520.1 | 5558.3 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 814.9 | 911.7 | 1008.6 | 1032.8 | 1609.3 | 2378.0 | 2762.3 | 3357.8 | 4548.7 | 5441.8 | 5500.5 |
| 115° | 937.6 | 1026.9 | 1116.3 | 1138.7 | 1624.2 | 2271.4 | 2595.1 | 3168.7 | 4315.9 | 5176.3 | 5257.6 |
| 117.5° | 1058.9 | 1140.1 | 1221.3 | 1241.5 | 1654.3 | 2204.7 | 2480.0 | 2997.7 | 4033.0 | 4809.5 | 4899.7 |
| 120° | 1129.5 | 1205.9 | 1282.3 | 1301.4 | 1678.9 | 2182.3 | 2433.9 | 2907.0 | 3853.0 | 4562.5 | 4650.1 |
| 122.5° | 1198.5 | 1275.6 | 1352.7 | 1371.9 | 1714.2 | 2170.5 | 2398.7 | 2824.6 | 3676.4 | 4315.4 | 4401.8 |
| 125° | 1304.5 | 1374.7 | 1445.0 | 1462.5 | 1761.8 | 2160.8 | 2360.2 | 2722.0 | 3445.7 | 3988.5 | 4068.1 |
| 127.5° | 1390.4 | 1461.4 | 1532.3 | 1550.0 | 1809.3 | 2155.1 | 2328.0 | 2638.7 | 3260.0 | 3726.0 | 3793.2 |
| 130° | 1436.5 | 1512.8 | 1589.2 | 1608.3 | 1844.1 | 2158.6 | 2315.8 | 2592.3 | 3145.5 | 3560.4 | 3622.4 |
| 132.5° | 1484.0 | 1560.3 | 1636.8 | 1655.9 | 1872.3 | 2160.8 | 2305.0 | 2552.6 | 3047.8 | 3419.2 | 3474.8 |
| 135° | 1554.6 | 1624.2 | 1693.7 | 1711.1 | 1903.0 | 2158.8 | 2286.6 | 2494.0 | 2908.7 | 3219.7 | 3267.6 |
| 137.5° | 1626.7 | 1695.6 | 1764.5 | 1781.7 | 1948.9 | 2172.0 | 2283.6 | 2458.8 | 2809.4 | 3072.3 | 3111.5 |
| 140° | 1686.5 | 1749.9 | 1813.4 | 1829.3 | 1977.1 | 2174.2 | 2272.8 | 2424.2 | 2727.0 | 2954.1 | 2990.8 |
| 142.5° | 1732.6 | 1791.2 | 1849.9 | 1864.6 | 2000.6 | 2182.1 | 2272.8 | 2405.8 | 2671.8 | 2871.3 | 2902.8 |
| 145° | 1803.2 | 1854.4 | 1905.6 | 1918.3 | 2031.3 | 2182.1 | 2257.5 | 2366.3 | 2583.8 | 2746.9 | 2770.8 |
| 147.5° | 1873.7 | 1923.5 | 1973.3 | 1985.8 | 2076.4 | 2197.1 | 2257.5 | 2343.0 | 2514.3 | 2642.6 | 2662.4 |
| 150° | 1919.8 | 1964.8 | 2009.9 | 2021.2 | 2099.9 | 2204.9 | 2257.5 | 2329.8 | 2474.3 | 2582.7 | 2598.7 |
| 152.5° | 1967.4 | 2001.5 | 2035.7 | 2044.2 | 2115.3 | 2210.1 | 2257.5 | 2319.2 | 2442.6 | 2535.2 | 2547.4 |
| 155° | 2037.9 | 2063.2 | 2088.4 | 2094.8 | 2149.0 | 2221.3 | 2257.5 | 2306.6 | 2404.8 | 2478.4 | 2486.4 |
| 157.5° | 2090.2 | 2114.7 | 2139.3 | 2145.4 | 2182.8 | 2232.6 | 2257.5 | 2295.6 | 2372.0 | 2429.3 | 2434.9 |
| 160° | 2125.5 | 2144.6 | 2163.7 | 2168.5 | 2198.1 | 2237.7 | 2257.5 | 2290.2 | 2355.7 | 2404.8 | 2408.1 |
| 162.5° | 2160.8 | 2175.1 | 2189.4 | 2193.0 | 2214.5 | 2243.2 | 2257.5 | 2285.1 | 2340.4 | 2381.8 | 2384.8 |
| 165° | 2199.1 | 2212.0 | 2225.0 | 2228.2 | 2238.0 | 2251.0 | 2257.5 | 2277.2 | 2316.8 | 2346.4 | 2349.7 |
| 167.5° | 2234.5 | 2240.6 | 2246.7 | 2248.2 | 2256.4 | 2267.4 | 2272.8 | 2285.7 | 2311.6 | 2331.1 | 2332.5 |
| 170° | 2257.5 | 2263.6 | 2269.7 | 2271.2 | 2271.7 | 2272.4 | 2272.8 | 2285.7 | 2311.6 | 2331.1 | 2331.1 |
| 172.5° | 2269.7 | 2271.1 | 2272.5 | 2272.8 | 2272.8 | 2272.8 | 2272.8 | 2283.1 | 2303.5 | 2318.8 | 2317.7 |
| 175° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2282.0 | 2275.9 | 2272.8 | 2279.3 | 2292.3 | 2301.9 | 2301.9 |
| 177.5° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2283.1 | 2278.2 | 2275.9 | 2281.0 | 2291.2 | 2298.9 | 2297.5 |
| 180° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 |



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CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 |
| 2.5° | 4245.1 | 4233.4 | 4245.1 | 4237.2 | 4241.2 | 4229.4 | 4194.2 | 4182.4 | 4194.2 | 4205.9 | 4205.9 |
| 5° | 4296.0 | 4288.2 | 4296.0 | 4296.0 | 4292.1 | 4284.3 | 4245.1 | 4237.2 | 4245.1 | 4249.0 | 4241.2 |
| 7.5° | 4311.6 | 4300.0 | 4311.6 | 4303.8 | 4303.8 | 4296.0 | 4256.9 | 4249.0 | 4252.9 | 4264.7 | 4252.9 |
| 10° | 4311.6 | 4300.0 | 4311.6 | 4307.8 | 4303.8 | 4296.0 | 4256.9 | 4241.2 | 4241.2 | 4252.9 | 4241.2 |
| 12.5° | 4292.1 | 4284.3 | 4292.1 | 4284.3 | 4284.3 | 4276.5 | 4237.2 | 4221.6 | 4225.5 | 4229.4 | 4213.8 |
| 15° | 4260.8 | 4249.0 | 4260.8 | 4252.9 | 4256.9 | 4245.1 | 4202.1 | 4186.4 | 4186.4 | 4194.2 | 4166.8 |
| 17.5° | 4213.8 | 4198.1 | 4213.8 | 4209.9 | 4205.9 | 4198.1 | 4159.0 | 4143.3 | 4139.3 | 4143.3 | 4123.7 |
| 20° | 4159.0 | 4147.2 | 4159.0 | 4155.0 | 4155.0 | 4139.3 | 4100.2 | 4080.6 | 4080.6 | 4080.6 | 4061.1 |
| 22.5° | 4072.8 | 4061.1 | 4072.8 | 4080.6 | 4080.6 | 4076.7 | 4041.4 | 4014.0 | 4006.2 | 4006.2 | 3982.7 |
| 25° | 3974.9 | 3963.2 | 3974.9 | 3974.9 | 3971.0 | 3974.9 | 3963.2 | 3947.5 | 3935.7 | 3923.9 | 3900.5 |
| 27.5° | 3880.9 | 3873.1 | 3880.9 | 3873.1 | 3880.9 | 3869.1 | 3865.3 | 3861.3 | 3845.7 | 3833.9 | 3802.6 |
| 30° | 3786.9 | 3779.1 | 3786.9 | 3779.1 | 3771.3 | 3763.4 | 3743.8 | 3736.0 | 3751.6 | 3743.8 | 3692.9 |
| 32.5° | 3669.4 | 3661.6 | 3669.4 | 3669.4 | 3661.6 | 3661.6 | 3630.3 | 3618.6 | 3622.4 | 3645.9 | 3598.9 |
| 35° | 3548.0 | 3536.2 | 3548.0 | 3544.2 | 3548.0 | 3536.2 | 3516.7 | 3512.7 | 3497.1 | 3524.5 | 3489.3 |
| 37.5° | 3407.0 | 3395.3 | 3407.0 | 3407.0 | 3407.0 | 3414.9 | 3399.2 | 3387.5 | 3363.9 | 3399.2 | 3371.8 |
| 40° | 3262.2 | 3246.5 | 3262.2 | 3258.2 | 3262.2 | 3270.0 | 3262.2 | 3254.3 | 3230.9 | 3258.2 | 3234.7 |
| 42.5° | 3097.7 | 3093.7 | 3097.7 | 3101.6 | 3101.6 | 3117.2 | 3129.0 | 3113.3 | 3105.5 | 3085.9 | 3101.6 |
| 45° | 2921.4 | 2913.6 | 2921.4 | 2929.3 | 2933.2 | 2941.0 | 2976.3 | 2976.3 | 2964.5 | 2933.2 | 2956.7 |
| 47.5° | 2733.5 | 2713.9 | 2733.5 | 2757.0 | 2757.0 | 2768.7 | 2803.9 | 2831.4 | 2811.7 | 2772.6 | 2784.4 |
| 50° | 2533.7 | 2537.7 | 2533.7 | 2549.4 | 2549.4 | 2592.5 | 2619.9 | 2647.3 | 2666.9 | 2619.9 | 2565.0 |
| 52.5° | 2337.9 | 2334.1 | 2337.9 | 2349.7 | 2365.4 | 2384.9 | 2432.0 | 2459.3 | 2490.6 | 2463.3 | 2377.1 |
| 55° | 2142.1 | 2150.0 | 2142.1 | 2146.0 | 2153.8 | 2165.6 | 2236.1 | 2263.5 | 2322.3 | 2287.0 | 2196.9 |
| 57.5° | 1946.4 | 1934.6 | 1946.4 | 1954.2 | 1958.1 | 1969.8 | 2028.6 | 2079.4 | 2114.7 | 2118.7 | 2009.0 |
| 60° | 1719.2 | 1703.5 | 1719.2 | 1754.4 | 1762.3 | 1770.1 | 1824.9 | 1872.0 | 1903.3 | 1915.0 | 1801.4 |
| 62.5° | 1519.4 | 1492.1 | 1519.4 | 1543.0 | 1558.7 | 1578.2 | 1617.4 | 1687.9 | 1715.3 | 1719.2 | 1558.7 |
| 65° | 1308.0 | 1296.3 | 1308.0 | 1354.9 | 1358.9 | 1382.4 | 1425.5 | 1476.4 | 1535.2 | 1527.3 | 1296.3 |
| 67.5° | 1116.1 | 1116.1 | 1116.1 | 1147.5 | 1170.9 | 1182.6 | 1237.5 | 1261.0 | 1335.4 | 1343.3 | 1080.9 |
| 70° | 939.9 | 935.9 | 939.9 | 963.4 | 979.0 | 1006.5 | 1057.4 | 1084.7 | 1143.5 | 1163.1 | 877.2 |
| 72.5° | 771.5 | 767.6 | 771.5 | 791.1 | 806.7 | 830.2 | 873.3 | 904.6 | 955.5 | 979.0 | 681.4 |
| 75° | 622.6 | 614.8 | 622.6 | 638.3 | 634.4 | 665.7 | 701.0 | 732.3 | 779.3 | 794.9 | 505.2 |
| 77.5° | 477.8 | 477.8 | 477.8 | 493.4 | 493.4 | 524.7 | 540.4 | 579.6 | 607.0 | 630.5 | 372.1 |
| 80° | 356.4 | 352.4 | 356.4 | 360.3 | 360.3 | 375.9 | 403.4 | 430.8 | 454.3 | 454.3 | 254.5 |
| 82.5° | 250.7 | 242.8 | 250.7 | 250.7 | 250.7 | 258.5 | 274.2 | 282.0 | 297.6 | 309.3 | 160.6 |
| 85° | 156.6 | 156.6 | 156.6 | 160.6 | 156.6 | 164.5 | 168.4 | 176.3 | 176.3 | 168.4 | 97.9 |
| 87.5° | 101.9 | 97.9 | 101.9 | 97.9 | 97.9 | 94.0 | 94.0 | 94.0 | 90.1 | 86.2 | 54.8 |
| 90° | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 77.8 | 103.6 | 116.6 | 100.2 | 67.5 | 43.0 |
| 92.5° | 233.6 | 187.2 | 233.6 | 280.0 | 291.6 | 413.3 | 575.6 | 656.8 | 576.7 | 416.4 | 296.2 |
| 95° | 814.2 | 673.7 | 814.2 | 954.7 | 989.9 | 1299.8 | 1713.1 | 1919.8 | 1621.4 | 1024.6 | 577.0 |
| 97.5° | 1950.8 | 1683.5 | 1950.8 | 2218.2 | 2285.0 | 2481.0 | 2742.2 | 2872.8 | 2375.3 | 1380.1 | 633.8 |
| 100° | 2810.8 | 2492.2 | 2810.8 | 3129.3 | 3208.9 | 3194.6 | 3175.5 | 3165.9 | 2613.9 | 1509.6 | 681.4 |
| 102.5° | 3656.7 | 3383.9 | 3656.7 | 3929.6 | 3997.7 | 3748.1 | 3415.2 | 3248.8 | 2688.8 | 1568.9 | 728.9 |
| 105° | 4735.2 | 4588.6 | 4735.2 | 4881.8 | 4918.5 | 4358.9 | 3612.6 | 3239.6 | 2697.3 | 1612.9 | 799.6 |
| 107.5° | 5441.6 | 5477.1 | 5441.6 | 5406.1 | 5397.2 | 4616.6 | 3575.9 | 3055.5 | 2577.4 | 1621.1 | 903.9 |
| 110° | 5711.0 | 5863.8 | 5711.0 | 5558.3 | 5520.1 | 4647.4 | 3483.8 | 2902.0 | 2470.9 | 1608.8 | 962.2 |



TEST NUMBER: P935617

CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 5735.0 | 5969.7 | 5735.0 | 5500.5 | 5441.8 | 4548.7 | 3357.8 | 2762.3 | 2378.0 | 1609.3 | 1032.8 |
| 115° | 5583.0 | 5908.3 | 5583.0 | 5257.6 | 5176.3 | 4315.9 | 3168.7 | 2595.1 | 2271.4 | 1624.2 | 1138.7 |
| 117.5° | 5260.5 | 5621.3 | 5260.5 | 4899.7 | 4809.5 | 4033.0 | 2997.7 | 2480.0 | 2204.7 | 1654.3 | 1241.5 |
| 120° | 5000.7 | 5351.2 | 5000.7 | 4650.1 | 4562.5 | 3853.0 | 2907.0 | 2433.9 | 2182.3 | 1678.9 | 1301.4 |
| 122.5° | 4747.6 | 5093.4 | 4747.6 | 4401.8 | 4315.4 | 3676.4 | 2824.6 | 2398.7 | 2170.5 | 1714.2 | 1371.9 |
| 125° | 4386.6 | 4705.2 | 4386.6 | 4068.1 | 3988.5 | 3445.7 | 2722.0 | 2360.2 | 2160.8 | 1761.8 | 1462.5 |
| 127.5° | 4062.0 | 4330.7 | 4062.0 | 3793.2 | 3726.0 | 3260.0 | 2638.7 | 2328.0 | 2155.1 | 1809.3 | 1550.0 |
| 130° | 3870.7 | 4119.0 | 3870.7 | 3622.4 | 3560.4 | 3145.5 | 2592.3 | 2315.8 | 2158.6 | 1844.1 | 1608.3 |
| 132.5° | 3697.1 | 3919.4 | 3697.1 | 3474.8 | 3419.2 | 3047.8 | 2552.6 | 2305.0 | 2160.8 | 1872.3 | 1655.9 |
| 135° | 3459.2 | 3650.9 | 3459.2 | 3267.6 | 3219.7 | 2908.7 | 2494.0 | 2286.6 | 2158.8 | 1903.0 | 1711.1 |
| 137.5° | 3268.4 | 3425.3 | 3268.4 | 3111.5 | 3072.3 | 2809.4 | 2458.8 | 2283.6 | 2172.0 | 1948.9 | 1781.7 |
| 140° | 3137.5 | 3284.1 | 3137.5 | 2990.8 | 2954.1 | 2727.0 | 2424.2 | 2272.8 | 2174.2 | 1977.1 | 1829.3 |
| 142.5° | 3029.0 | 3155.2 | 3029.0 | 2902.8 | 2871.3 | 2671.8 | 2405.8 | 2272.8 | 2182.1 | 2000.6 | 1864.6 |
| 145° | 2866.3 | 2961.8 | 2866.3 | 2770.8 | 2746.9 | 2583.8 | 2366.3 | 2257.5 | 2182.1 | 2031.3 | 1918.3 |
| 147.5° | 2741.5 | 2820.6 | 2741.5 | 2662.4 | 2642.6 | 2514.3 | 2343.0 | 2257.5 | 2197.1 | 2076.4 | 1985.8 |
| 150° | 2663.0 | 2727.1 | 2663.0 | 2598.7 | 2582.7 | 2474.3 | 2329.8 | 2257.5 | 2204.9 | 2099.9 | 2021.2 |
| 152.5° | 2595.8 | 2644.2 | 2595.8 | 2547.4 | 2535.2 | 2442.6 | 2319.2 | 2257.5 | 2210.1 | 2115.3 | 2044.2 |
| 155° | 2518.5 | 2550.5 | 2518.5 | 2486.4 | 2478.4 | 2404.8 | 2306.6 | 2257.5 | 2221.3 | 2149.0 | 2094.8 |
| 157.5° | 2457.5 | 2480.0 | 2457.5 | 2434.9 | 2429.3 | 2372.0 | 2295.6 | 2257.5 | 2232.6 | 2182.8 | 2145.4 |
| 160° | 2421.0 | 2433.9 | 2421.0 | 2408.1 | 2404.8 | 2355.7 | 2290.2 | 2257.5 | 2237.7 | 2198.1 | 2168.5 |
| 162.5° | 2397.1 | 2409.3 | 2397.1 | 2384.8 | 2381.8 | 2340.4 | 2285.1 | 2257.5 | 2243.2 | 2214.5 | 2193.0 |
| 165° | 2362.6 | 2375.6 | 2362.6 | 2349.7 | 2346.4 | 2316.8 | 2277.2 | 2257.5 | 2251.0 | 2238.0 | 2228.2 |
| 167.5° | 2337.9 | 2343.3 | 2337.9 | 2332.5 | 2331.1 | 2311.6 | 2285.7 | 2272.8 | 2267.4 | 2256.4 | 2248.2 |
| 170° | 2331.1 | 2331.1 | 2331.1 | 2331.1 | 2331.1 | 2311.6 | 2285.7 | 2272.8 | 2272.4 | 2271.7 | 2271.2 |
| 172.5° | 2312.8 | 2308.1 | 2312.8 | 2317.7 | 2318.8 | 2303.5 | 2283.1 | 2272.8 | 2272.8 | 2272.8 | 2272.8 |
| 175° | 2301.9 | 2301.9 | 2301.9 | 2301.9 | 2301.9 | 2292.3 | 2279.3 | 2272.8 | 2275.9 | 2282.0 | 2286.6 |
| 177.5° | 2292.1 | 2286.6 | 2292.1 | 2297.5 | 2298.9 | 2291.2 | 2281.0 | 2275.9 | 2278.2 | 2283.1 | 2286.6 |
| 180° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 |



TEST NUMBER: P935617

CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 |
| 2.5° | 4198.1 | 4174.6 | 4174.6 | 4135.5 | 4119.8 | 4108.0 | 4088.4 | 4029.8 | 4014.0 | 3998.3 | 4021.9 |
| 5° | 4233.4 | 4190.3 | 4159.0 | 4088.4 | 4029.8 | 4006.2 | 3931.8 | 3790.9 | 3696.8 | 3626.4 | 3587.2 |
| 7.5° | 4241.2 | 4186.4 | 4127.6 | 4018.0 | 3877.0 | 3814.4 | 3587.2 | 3328.8 | 3258.2 | 3195.6 | 3156.4 |
| 10° | 4233.4 | 4170.7 | 4088.4 | 3923.9 | 3591.1 | 3481.4 | 3254.3 | 3085.9 | 3042.8 | 3031.1 | 3042.8 |
| 12.5° | 4205.9 | 4147.2 | 4033.6 | 3759.5 | 3293.5 | 3219.1 | 3085.9 | 2988.0 | 2980.2 | 2999.8 | 3105.5 |
| 15° | 4159.0 | 4104.2 | 3971.0 | 3540.2 | 3129.0 | 3074.2 | 2980.2 | 2944.9 | 2988.0 | 3125.0 | 3442.3 |
| 17.5° | 4112.0 | 4049.3 | 3884.8 | 3324.8 | 3003.7 | 2964.5 | 2897.9 | 2968.4 | 3211.2 | 3395.3 | 3501.1 |
| 20° | 4049.3 | 3974.9 | 3786.9 | 3168.1 | 2913.6 | 2878.3 | 2847.0 | 3164.3 | 3348.3 | 3414.9 | 3473.6 |
| 22.5° | 3974.9 | 3896.6 | 3653.7 | 3058.6 | 2819.7 | 2792.2 | 2811.7 | 3273.9 | 3348.3 | 3395.3 | 3446.2 |
| 25° | 3877.0 | 3810.4 | 3497.1 | 2972.4 | 2745.3 | 2713.9 | 2788.3 | 3262.2 | 3305.3 | 3317.0 | 3418.8 |
| 27.5° | 3786.9 | 3700.8 | 3332.6 | 2894.0 | 2655.2 | 2643.4 | 2807.9 | 3211.2 | 3242.6 | 3254.3 | 3363.9 |
| 30° | 3677.2 | 3548.0 | 3148.6 | 2811.7 | 2561.2 | 2557.2 | 2811.7 | 3148.6 | 3140.8 | 3172.1 | 3281.7 |
| 32.5° | 3563.7 | 3320.9 | 2941.0 | 2710.0 | 2471.1 | 2467.1 | 2784.4 | 3054.6 | 3046.8 | 3089.9 | 3172.1 |
| 35° | 3458.0 | 3144.7 | 2659.1 | 2592.5 | 2357.6 | 2361.4 | 2717.8 | 2944.9 | 2948.9 | 2988.0 | 3038.9 |
| 37.5° | 3348.3 | 2992.0 | 2349.7 | 2463.3 | 2247.9 | 2247.9 | 2627.7 | 2843.2 | 2835.3 | 2847.0 | 2917.6 |
| 40° | 3219.1 | 2753.1 | 2075.6 | 2294.8 | 2146.0 | 2134.3 | 2518.1 | 2733.5 | 2706.0 | 2702.2 | 2800.1 |
| 42.5° | 3082.0 | 2490.6 | 1872.0 | 2071.6 | 2028.6 | 2012.9 | 2384.9 | 2600.3 | 2549.4 | 2561.2 | 2686.5 |
| 45° | 2933.2 | 2420.2 | 1715.3 | 1750.5 | 1907.1 | 1895.4 | 2240.0 | 2447.6 | 2412.3 | 2443.7 | 2572.9 |
| 47.5° | 2784.4 | 2279.2 | 1664.4 | 1452.9 | 1777.9 | 1774.1 | 2079.4 | 2298.8 | 2279.2 | 2310.5 | 2447.6 |
| 50° | 2580.8 | 2122.5 | 1660.4 | 1245.4 | 1633.1 | 1648.7 | 1887.6 | 2153.8 | 2153.8 | 2181.3 | 2326.1 |
| 52.5° | 2318.3 | 1930.7 | 1507.7 | 1127.8 | 1464.6 | 1511.6 | 1719.2 | 2028.6 | 2036.4 | 2063.8 | 2193.1 |
| 55° | 2079.4 | 1731.0 | 1398.0 | 1037.8 | 1264.9 | 1366.7 | 1554.7 | 1899.3 | 1915.0 | 1942.4 | 2059.9 |
| 57.5° | 1860.2 | 1441.1 | 1374.6 | 932.1 | 1080.9 | 1178.8 | 1409.8 | 1774.1 | 1781.9 | 1805.4 | 1918.9 |
| 60° | 1625.2 | 1041.6 | 1261.0 | 818.5 | 920.3 | 994.7 | 1276.7 | 1625.2 | 1652.6 | 1668.2 | 1766.1 |
| 62.5° | 1358.9 | 755.8 | 1143.5 | 740.1 | 842.0 | 857.7 | 1167.0 | 1484.2 | 1519.4 | 1531.2 | 1590.0 |
| 65° | 967.3 | 634.4 | 971.2 | 673.6 | 759.8 | 763.6 | 1049.6 | 1339.3 | 1370.7 | 1390.2 | 1433.3 |
| 67.5° | 654.0 | 516.9 | 740.1 | 610.9 | 697.0 | 701.0 | 935.9 | 1170.9 | 1214.0 | 1229.7 | 1257.1 |
| 70° | 454.3 | 344.6 | 548.2 | 544.4 | 626.6 | 634.4 | 814.6 | 1018.2 | 1057.4 | 1069.1 | 1084.7 |
| 72.5° | 332.9 | 278.0 | 454.3 | 489.6 | 552.2 | 560.0 | 689.2 | 845.9 | 885.1 | 896.8 | 904.6 |
| 75° | 254.5 | 293.7 | 368.1 | 426.8 | 469.9 | 473.8 | 564.0 | 689.2 | 716.7 | 724.5 | 728.4 |
| 77.5° | 203.6 | 274.2 | 270.2 | 344.6 | 383.7 | 375.9 | 442.5 | 532.6 | 556.0 | 556.0 | 556.0 |
| 80° | 152.7 | 215.4 | 203.6 | 246.7 | 282.0 | 274.2 | 317.2 | 379.9 | 387.7 | 395.5 | 391.6 |
| 82.5° | 113.5 | 137.0 | 137.0 | 156.6 | 188.0 | 180.1 | 211.4 | 246.7 | 246.7 | 246.7 | 254.5 |
| 85° | 70.4 | 78.3 | 62.6 | 82.2 | 105.7 | 101.9 | 117.5 | 133.2 | 137.0 | 137.0 | 129.2 |
| 87.5° | 43.1 | 35.3 | 19.6 | 31.3 | 47.0 | 47.0 | 54.8 | 58.8 | 54.8 | 54.8 | 54.8 |
| 90° | 39.9 | 27.6 | 15.3 | 27.6 | 39.9 | 43.0 | 67.5 | 100.2 | 116.6 | 103.6 | 77.8 |
| 92.5° | 270.1 | 165.7 | 61.4 | 165.7 | 270.1 | 296.2 | 416.4 | 576.7 | 656.8 | 575.6 | 413.3 |
| 95° | 529.3 | 338.3 | 147.3 | 338.3 | 529.3 | 577.0 | 1024.6 | 1621.4 | 1919.8 | 1713.1 | 1299.8 |
| 97.5° | 591.7 | 423.2 | 254.7 | 423.2 | 591.7 | 633.8 | 1380.1 | 2375.3 | 2872.8 | 2742.2 | 2481.0 |
| 100° | 643.2 | 490.4 | 337.6 | 490.4 | 643.2 | 681.4 | 1509.6 | 2613.9 | 3165.9 | 3175.5 | 3194.6 |
| 102.5° | 693.3 | 550.8 | 408.2 | 550.8 | 693.3 | 728.9 | 1568.9 | 2688.8 | 3248.8 | 3415.2 | 3748.1 |
| 105° | 769.4 | 648.6 | 527.9 | 648.6 | 769.4 | 799.6 | 1612.9 | 2697.3 | 3239.6 | 3612.6 | 4358.9 |
| 107.5° | 875.8 | 763.2 | 650.7 | 763.2 | 875.8 | 903.9 | 1621.1 | 2577.4 | 3055.5 | 3575.9 | 4616.6 |
| 110° | 936.8 | 835.2 | 733.6 | 835.2 | 936.8 | 962.2 | 1608.8 | 2470.9 | 2902.0 | 3483.8 | 4647.4 |



TEST NUMBER: P935617

CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1008.6 | 911.7 | 814.9 | 911.7 | 1008.6 | 1032.8 | 1609.3 | 2378.0 | 2762.3 | 3357.8 | 4548.7 |
| 115° | 1116.3 | 1026.9 | 937.6 | 1026.9 | 1116.3 | 1138.7 | 1624.2 | 2271.4 | 2595.1 | 3168.7 | 4315.9 |
| 117.5° | 1221.3 | 1140.1 | 1058.9 | 1140.1 | 1221.3 | 1241.5 | 1654.3 | 2204.7 | 2480.0 | 2997.7 | 4033.0 |
| 120° | 1282.3 | 1205.9 | 1129.5 | 1205.9 | 1282.3 | 1301.4 | 1678.9 | 2182.3 | 2433.9 | 2907.0 | 3853.0 |
| 122.5° | 1352.7 | 1275.6 | 1198.5 | 1275.6 | 1352.7 | 1371.9 | 1714.2 | 2170.5 | 2398.7 | 2824.6 | 3676.4 |
| 125° | 1445.0 | 1374.7 | 1304.5 | 1374.7 | 1445.0 | 1462.5 | 1761.8 | 2160.8 | 2360.2 | 2722.0 | 3445.7 |
| 127.5° | 1532.3 | 1461.4 | 1390.4 | 1461.4 | 1532.3 | 1550.0 | 1809.3 | 2155.1 | 2328.0 | 2638.7 | 3260.0 |
| 130° | 1589.2 | 1512.8 | 1436.5 | 1512.8 | 1589.2 | 1608.3 | 1844.1 | 2158.6 | 2315.8 | 2592.3 | 3145.5 |
| 132.5° | 1636.8 | 1560.3 | 1484.0 | 1560.3 | 1636.8 | 1655.9 | 1872.3 | 2160.8 | 2305.0 | 2552.6 | 3047.8 |
| 135° | 1693.7 | 1624.2 | 1554.6 | 1624.2 | 1693.7 | 1711.1 | 1903.0 | 2158.8 | 2286.6 | 2494.0 | 2908.7 |
| 137.5° | 1764.5 | 1695.6 | 1626.7 | 1695.6 | 1764.5 | 1781.7 | 1948.9 | 2172.0 | 2283.6 | 2458.8 | 2809.4 |
| 140° | 1813.4 | 1749.9 | 1686.5 | 1749.9 | 1813.4 | 1829.3 | 1977.1 | 2174.2 | 2272.8 | 2424.2 | 2727.0 |
| 142.5° | 1849.9 | 1791.2 | 1732.6 | 1791.2 | 1849.9 | 1864.6 | 2000.6 | 2182.1 | 2272.8 | 2405.8 | 2671.8 |
| 145° | 1905.6 | 1854.4 | 1803.2 | 1854.4 | 1905.6 | 1918.3 | 2031.3 | 2182.1 | 2257.5 | 2366.3 | 2583.8 |
| 147.5° | 1973.3 | 1923.5 | 1873.7 | 1923.5 | 1973.3 | 1985.8 | 2076.4 | 2197.1 | 2257.5 | 2343.0 | 2514.3 |
| 150° | 2009.9 | 1964.8 | 1919.8 | 1964.8 | 2009.9 | 2021.2 | 2099.9 | 2204.9 | 2257.5 | 2329.8 | 2474.3 |
| 152.5° | 2035.7 | 2001.5 | 1967.4 | 2001.5 | 2035.7 | 2044.2 | 2115.3 | 2210.1 | 2257.5 | 2319.2 | 2442.6 |
| 155° | 2088.4 | 2063.2 | 2037.9 | 2063.2 | 2088.4 | 2094.8 | 2149.0 | 2221.3 | 2257.5 | 2306.6 | 2404.8 |
| 157.5° | 2139.3 | 2114.7 | 2090.2 | 2114.7 | 2139.3 | 2145.4 | 2182.8 | 2232.6 | 2257.5 | 2295.6 | 2372.0 |
| 160° | 2163.7 | 2144.6 | 2125.5 | 2144.6 | 2163.7 | 2168.5 | 2198.1 | 2237.7 | 2257.5 | 2290.2 | 2355.7 |
| 162.5° | 2189.4 | 2175.1 | 2160.8 | 2175.1 | 2189.4 | 2193.0 | 2214.5 | 2243.2 | 2257.5 | 2285.1 | 2340.4 |
| 165° | 2225.0 | 2212.0 | 2199.1 | 2212.0 | 2225.0 | 2228.2 | 2238.0 | 2251.0 | 2257.5 | 2277.2 | 2316.8 |
| 167.5° | 2246.7 | 2240.6 | 2234.5 | 2240.6 | 2246.7 | 2248.2 | 2256.4 | 2267.4 | 2272.8 | 2285.7 | 2311.6 |
| 170° | 2269.7 | 2263.6 | 2257.5 | 2263.6 | 2269.7 | 2271.2 | 2271.7 | 2272.4 | 2272.8 | 2285.7 | 2311.6 |
| 172.5° | 2272.5 | 2271.1 | 2269.7 | 2271.1 | 2272.5 | 2272.8 | 2272.8 | 2272.8 | 2272.8 | 2283.1 | 2303.5 |
| 175° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2282.0 | 2275.9 | 2272.8 | 2279.3 | 2292.3 |
| 177.5° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2283.1 | 2278.2 | 2275.9 | 2281.0 | 2291.2 |
| 180° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 |



TEST NUMBER: P935617

CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 |
| 2.5° | 3994.5 | 3982.7 | 3998.3 | 3955.3 | 3998.3 | 3982.7 | 3994.5 | 4021.9 | 3998.3 | 4014.0 | 4029.8 |
| 5° | 3504.9 | 3485.4 | 3422.7 | 3371.8 | 3422.7 | 3485.4 | 3504.9 | 3587.2 | 3626.4 | 3696.8 | 3790.9 |
| 7.5° | 3132.9 | 3117.2 | 3101.6 | 3070.2 | 3101.6 | 3117.2 | 3132.9 | 3156.4 | 3195.6 | 3258.2 | 3328.8 |
| 10° | 3050.6 | 3054.6 | 3078.1 | 3074.2 | 3078.1 | 3054.6 | 3050.6 | 3042.8 | 3031.1 | 3042.8 | 3085.9 |
| 12.5° | 3262.2 | 3297.4 | 3426.6 | 3418.8 | 3426.6 | 3297.4 | 3262.2 | 3105.5 | 2999.8 | 2980.2 | 2988.0 |
| 15° | 3504.9 | 3516.7 | 3544.2 | 3548.0 | 3544.2 | 3516.7 | 3504.9 | 3442.3 | 3125.0 | 2988.0 | 2944.9 |
| 17.5° | 3528.4 | 3532.4 | 3552.0 | 3552.0 | 3552.0 | 3532.4 | 3528.4 | 3501.1 | 3395.3 | 3211.2 | 2968.4 |
| 20° | 3508.9 | 3516.7 | 3555.8 | 3563.7 | 3555.8 | 3516.7 | 3508.9 | 3473.6 | 3414.9 | 3348.3 | 3164.3 |
| 22.5° | 3501.1 | 3516.7 | 3548.0 | 3544.2 | 3548.0 | 3516.7 | 3501.1 | 3446.2 | 3395.3 | 3348.3 | 3273.9 |
| 25° | 3461.9 | 3461.9 | 3465.8 | 3469.7 | 3465.8 | 3461.9 | 3461.9 | 3418.8 | 3317.0 | 3305.3 | 3262.2 |
| 27.5° | 3379.7 | 3387.5 | 3411.0 | 3407.0 | 3411.0 | 3387.5 | 3379.7 | 3363.9 | 3254.3 | 3242.6 | 3211.2 |
| 30° | 3305.3 | 3297.4 | 3277.8 | 3262.2 | 3277.8 | 3297.4 | 3305.3 | 3281.7 | 3172.1 | 3140.8 | 3148.6 |
| 32.5° | 3179.9 | 3160.3 | 3140.8 | 3129.0 | 3140.8 | 3160.3 | 3179.9 | 3172.1 | 3089.9 | 3046.8 | 3054.6 |
| 35° | 3031.1 | 3035.0 | 3031.1 | 3019.3 | 3031.1 | 3035.0 | 3031.1 | 3038.9 | 2988.0 | 2948.9 | 2944.9 |
| 37.5° | 2925.4 | 2933.2 | 2929.3 | 2913.6 | 2929.3 | 2933.2 | 2925.4 | 2917.6 | 2847.0 | 2835.3 | 2843.2 |
| 40° | 2815.7 | 2819.7 | 2815.7 | 2803.9 | 2815.7 | 2819.7 | 2815.7 | 2800.1 | 2702.2 | 2706.0 | 2733.5 |
| 42.5° | 2710.0 | 2706.0 | 2694.3 | 2686.5 | 2694.3 | 2706.0 | 2710.0 | 2686.5 | 2561.2 | 2549.4 | 2600.3 |
| 45° | 2588.6 | 2592.5 | 2569.0 | 2557.2 | 2569.0 | 2592.5 | 2588.6 | 2572.9 | 2443.7 | 2412.3 | 2447.6 |
| 47.5° | 2467.1 | 2467.1 | 2447.6 | 2435.8 | 2447.6 | 2467.1 | 2467.1 | 2447.6 | 2310.5 | 2279.2 | 2298.8 |
| 50° | 2337.9 | 2334.1 | 2306.6 | 2302.7 | 2306.6 | 2334.1 | 2337.9 | 2326.1 | 2181.3 | 2153.8 | 2153.8 |
| 52.5° | 2189.1 | 2189.1 | 2193.1 | 2200.9 | 2193.1 | 2189.1 | 2189.1 | 2193.1 | 2063.8 | 2036.4 | 2028.6 |
| 55° | 2059.9 | 2063.8 | 2091.2 | 2099.0 | 2091.2 | 2063.8 | 2059.9 | 2059.9 | 1942.4 | 1915.0 | 1899.3 |
| 57.5° | 1926.7 | 1926.7 | 1946.4 | 1946.4 | 1946.4 | 1926.7 | 1926.7 | 1918.9 | 1805.4 | 1781.9 | 1774.1 |
| 60° | 1774.1 | 1781.9 | 1797.5 | 1793.6 | 1797.5 | 1781.9 | 1774.1 | 1766.1 | 1668.2 | 1652.6 | 1625.2 |
| 62.5° | 1613.4 | 1621.3 | 1625.2 | 1617.4 | 1625.2 | 1621.3 | 1613.4 | 1590.0 | 1531.2 | 1519.4 | 1484.2 |
| 65° | 1445.0 | 1452.9 | 1456.8 | 1449.0 | 1456.8 | 1452.9 | 1445.0 | 1433.3 | 1390.2 | 1370.7 | 1339.3 |
| 67.5° | 1272.7 | 1268.8 | 1264.9 | 1280.5 | 1264.9 | 1268.8 | 1272.7 | 1257.1 | 1229.7 | 1214.0 | 1170.9 |
| 70° | 1096.5 | 1096.5 | 1092.6 | 1100.4 | 1092.6 | 1096.5 | 1096.5 | 1084.7 | 1069.1 | 1057.4 | 1018.2 |
| 72.5° | 908.6 | 904.6 | 920.3 | 908.6 | 920.3 | 904.6 | 908.6 | 904.6 | 896.8 | 885.1 | 845.9 |
| 75° | 724.5 | 732.3 | 724.5 | 736.3 | 724.5 | 732.3 | 724.5 | 728.4 | 724.5 | 716.7 | 689.2 |
| 77.5° | 552.2 | 560.0 | 552.2 | 552.2 | 552.2 | 560.0 | 552.2 | 556.0 | 556.0 | 556.0 | 532.6 |
| 80° | 391.6 | 387.7 | 387.7 | 383.7 | 387.7 | 387.7 | 391.6 | 391.6 | 395.5 | 387.7 | 379.9 |
| 82.5° | 250.7 | 246.7 | 246.7 | 254.5 | 246.7 | 246.7 | 250.7 | 254.5 | 246.7 | 246.7 | 246.7 |
| 85° | 137.0 | 141.0 | 133.2 | 133.2 | 133.2 | 141.0 | 137.0 | 129.2 | 137.0 | 137.0 | 133.2 |
| 87.5° | 50.9 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 50.9 | 54.8 | 54.8 | 54.8 | 58.8 |
| 90° | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 77.8 | 103.6 | 116.6 | 100.2 |
| 92.5° | 291.6 | 280.0 | 233.6 | 187.2 | 233.6 | 280.0 | 291.6 | 413.3 | 575.6 | 656.8 | 576.7 |
| 95° | 989.9 | 954.7 | 814.2 | 673.7 | 814.2 | 954.7 | 989.9 | 1299.8 | 1713.1 | 1919.8 | 1621.4 |
| 97.5° | 2285.0 | 2218.2 | 1950.8 | 1683.5 | 1950.8 | 2218.2 | 2285.0 | 2481.0 | 2742.2 | 2872.8 | 2375.3 |
| 100° | 3208.9 | 3129.3 | 2810.8 | 2492.2 | 2810.8 | 3129.3 | 3208.9 | 3194.6 | 3175.5 | 3165.9 | 2613.9 |
| 102.5° | 3997.7 | 3929.6 | 3656.7 | 3383.9 | 3656.7 | 3929.6 | 3997.7 | 3748.1 | 3415.2 | 3248.8 | 2688.8 |
| 105° | 4918.5 | 4881.8 | 4735.2 | 4588.6 | 4735.2 | 4881.8 | 4918.5 | 4358.9 | 3612.6 | 3239.6 | 2697.3 |
| 107.5° | 5397.2 | 5406.1 | 5441.6 | 5477.1 | 5441.6 | 5406.1 | 5397.2 | 4616.6 | 3575.9 | 3055.5 | 2577.4 |
| 110° | 5520.1 | 5558.3 | 5711.0 | 5863.8 | 5711.0 | 5558.3 | 5520.1 | 4647.4 | 3483.8 | 2902.0 | 2470.9 |



TEST NUMBER: P935617

CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 5441.8 | 5500.5 | 5735.0 | 5969.7 | 5735.0 | 5500.5 | 5441.8 | 4548.7 | 3357.8 | 2762.3 | 2378.0 |
| 115° | 5176.3 | 5257.6 | 5583.0 | 5908.3 | 5583.0 | 5257.6 | 5176.3 | 4315.9 | 3168.7 | 2595.1 | 2271.4 |
| 117.5° | 4809.5 | 4899.7 | 5260.5 | 5621.3 | 5260.5 | 4899.7 | 4809.5 | 4033.0 | 2997.7 | 2480.0 | 2204.7 |
| 120° | 4562.5 | 4650.1 | 5000.7 | 5351.2 | 5000.7 | 4650.1 | 4562.5 | 3853.0 | 2907.0 | 2433.9 | 2182.3 |
| 122.5° | 4315.4 | 4401.8 | 4747.6 | 5093.4 | 4747.6 | 4401.8 | 4315.4 | 3676.4 | 2824.6 | 2398.7 | 2170.5 |
| 125° | 3988.5 | 4068.1 | 4386.6 | 4705.2 | 4386.6 | 4068.1 | 3988.5 | 3445.7 | 2722.0 | 2360.2 | 2160.8 |
| 127.5° | 3726.0 | 3793.2 | 4062.0 | 4330.7 | 4062.0 | 3793.2 | 3726.0 | 3260.0 | 2638.7 | 2328.0 | 2155.1 |
| 130° | 3560.4 | 3622.4 | 3870.7 | 4119.0 | 3870.7 | 3622.4 | 3560.4 | 3145.5 | 2592.3 | 2315.8 | 2158.6 |
| 132.5° | 3419.2 | 3474.8 | 3697.1 | 3919.4 | 3697.1 | 3474.8 | 3419.2 | 3047.8 | 2552.6 | 2305.0 | 2160.8 |
| 135° | 3219.7 | 3267.6 | 3459.2 | 3650.9 | 3459.2 | 3267.6 | 3219.7 | 2908.7 | 2494.0 | 2286.6 | 2158.8 |
| 137.5° | 3072.3 | 3111.5 | 3268.4 | 3425.3 | 3268.4 | 3111.5 | 3072.3 | 2809.4 | 2458.8 | 2283.6 | 2172.0 |
| 140° | 2954.1 | 2990.8 | 3137.5 | 3284.1 | 3137.5 | 2990.8 | 2954.1 | 2727.0 | 2424.2 | 2272.8 | 2174.2 |
| 142.5° | 2871.3 | 2902.8 | 3029.0 | 3155.2 | 3029.0 | 2902.8 | 2871.3 | 2671.8 | 2405.8 | 2272.8 | 2182.1 |
| 145° | 2746.9 | 2770.8 | 2866.3 | 2961.8 | 2866.3 | 2770.8 | 2746.9 | 2583.8 | 2366.3 | 2257.5 | 2182.1 |
| 147.5° | 2642.6 | 2662.4 | 2741.5 | 2820.6 | 2741.5 | 2662.4 | 2642.6 | 2514.3 | 2343.0 | 2257.5 | 2197.1 |
| 150° | 2582.7 | 2598.7 | 2663.0 | 2727.1 | 2663.0 | 2598.7 | 2582.7 | 2474.3 | 2329.8 | 2257.5 | 2204.9 |
| 152.5° | 2535.2 | 2547.4 | 2595.8 | 2644.2 | 2595.8 | 2547.4 | 2535.2 | 2442.6 | 2319.2 | 2257.5 | 2210.1 |
| 155° | 2478.4 | 2486.4 | 2518.5 | 2550.5 | 2518.5 | 2486.4 | 2478.4 | 2404.8 | 2306.6 | 2257.5 | 2221.3 |
| 157.5° | 2429.3 | 2434.9 | 2457.5 | 2480.0 | 2457.5 | 2434.9 | 2429.3 | 2372.0 | 2295.6 | 2257.5 | 2232.6 |
| 160° | 2404.8 | 2408.1 | 2421.0 | 2433.9 | 2421.0 | 2408.1 | 2404.8 | 2355.7 | 2290.2 | 2257.5 | 2237.7 |
| 162.5° | 2381.8 | 2384.8 | 2397.1 | 2409.3 | 2397.1 | 2384.8 | 2381.8 | 2340.4 | 2285.1 | 2257.5 | 2243.2 |
| 165° | 2346.4 | 2349.7 | 2362.6 | 2375.6 | 2362.6 | 2349.7 | 2346.4 | 2316.8 | 2277.2 | 2257.5 | 2251.0 |
| 167.5° | 2331.1 | 2332.5 | 2337.9 | 2343.3 | 2337.9 | 2332.5 | 2331.1 | 2311.6 | 2285.7 | 2272.8 | 2267.4 |
| 170° | 2331.1 | 2331.1 | 2331.1 | 2331.1 | 2331.1 | 2331.1 | 2331.1 | 2311.6 | 2285.7 | 2272.8 | 2272.4 |
| 172.5° | 2318.8 | 2317.7 | 2312.8 | 2308.1 | 2312.8 | 2317.7 | 2318.8 | 2303.5 | 2283.1 | 2272.8 | 2272.8 |
| 175° | 2301.9 | 2301.9 | 2301.9 | 2301.9 | 2301.9 | 2301.9 | 2301.9 | 2292.3 | 2279.3 | 2272.8 | 2275.9 |
| 177.5° | 2298.9 | 2297.5 | 2292.1 | 2286.6 | 2292.1 | 2297.5 | 2298.9 | 2291.2 | 2281.0 | 2275.9 | 2278.2 |
| 180° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 |



TEST NUMBER: P935617

CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 4139.3 | 4139.3 | 4139.3 | 4139.3 | 4139.3 |
| 2.5° | 4088.4 | 4108.0 | 4119.8 | 4135.5 | 4174.6 |
| 5° | 3931.8 | 4006.2 | 4029.8 | 4088.4 | 4159.0 |
| 7.5° | 3587.2 | 3814.4 | 3877.0 | 4018.0 | 4127.6 |
| 10° | 3254.3 | 3481.4 | 3591.1 | 3923.9 | 4088.4 |
| 12.5° | 3085.9 | 3219.1 | 3293.5 | 3759.5 | 4033.6 |
| 15° | 2980.2 | 3074.2 | 3129.0 | 3540.2 | 3971.0 |
| 17.5° | 2897.9 | 2964.5 | 3003.7 | 3324.8 | 3884.8 |
| 20° | 2847.0 | 2878.3 | 2913.6 | 3168.1 | 3786.9 |
| 22.5° | 2811.7 | 2792.2 | 2819.7 | 3058.6 | 3653.7 |
| 25° | 2788.3 | 2713.9 | 2745.3 | 2972.4 | 3497.1 |
| 27.5° | 2807.9 | 2643.4 | 2655.2 | 2894.0 | 3332.6 |
| 30° | 2811.7 | 2557.2 | 2561.2 | 2811.7 | 3148.6 |
| 32.5° | 2784.4 | 2467.1 | 2471.1 | 2710.0 | 2941.0 |
| 35° | 2717.8 | 2361.4 | 2357.6 | 2592.5 | 2659.1 |
| 37.5° | 2627.7 | 2247.9 | 2247.9 | 2463.3 | 2349.7 |
| 40° | 2518.1 | 2134.3 | 2146.0 | 2294.8 | 2075.6 |
| 42.5° | 2384.9 | 2012.9 | 2028.6 | 2071.6 | 1872.0 |
| 45° | 2240.0 | 1895.4 | 1907.1 | 1750.5 | 1715.3 |
| 47.5° | 2079.4 | 1774.1 | 1777.9 | 1452.9 | 1664.4 |
| 50° | 1887.6 | 1648.7 | 1633.1 | 1245.4 | 1660.4 |
| 52.5° | 1719.2 | 1511.6 | 1464.6 | 1127.8 | 1507.7 |
| 55° | 1554.7 | 1366.7 | 1264.9 | 1037.8 | 1398.0 |
| 57.5° | 1409.8 | 1178.8 | 1080.9 | 932.1 | 1374.6 |
| 60° | 1276.7 | 994.7 | 920.3 | 818.5 | 1261.0 |
| 62.5° | 1167.0 | 857.7 | 842.0 | 740.1 | 1143.5 |
| 65° | 1049.6 | 763.6 | 759.8 | 673.6 | 971.2 |
| 67.5° | 935.9 | 701.0 | 697.0 | 610.9 | 740.1 |
| 70° | 814.6 | 634.4 | 626.6 | 544.4 | 548.2 |
| 72.5° | 689.2 | 560.0 | 552.2 | 489.6 | 454.3 |
| 75° | 564.0 | 473.8 | 469.9 | 426.8 | 368.1 |
| 77.5° | 442.5 | 375.9 | 383.7 | 344.6 | 270.2 |
| 80° | 317.2 | 274.2 | 282.0 | 246.7 | 203.6 |
| 82.5° | 211.4 | 180.1 | 188.0 | 156.6 | 137.0 |
| 85° | 117.5 | 101.9 | 105.7 | 82.2 | 62.6 |
| 87.5° | 54.8 | 47.0 | 47.0 | 31.3 | 19.6 |
| 90° | 67.5 | 43.0 | 39.9 | 27.6 | 15.3 |
| 92.5° | 416.4 | 296.2 | 270.1 | 165.7 | 61.4 |
| 95° | 1024.6 | 577.0 | 529.3 | 338.3 | 147.3 |
| 97.5° | 1380.1 | 633.8 | 591.7 | 423.2 | 254.7 |
| 100° | 1509.6 | 681.4 | 643.2 | 490.4 | 337.6 |
| 102.5° | 1568.9 | 728.9 | 693.3 | 550.8 | 408.2 |
| 105° | 1612.9 | 799.6 | 769.4 | 648.6 | 527.9 |
| 107.5° | 1621.1 | 903.9 | 875.8 | 763.2 | 650.7 |
| 110° | 1608.8 | 962.2 | 936.8 | 835.2 | 733.6 |



TEST NUMBER: P935617
 CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1609.3 | 1032.8 | 1008.6 | 911.7 | 814.9 |
| 115° | 1624.2 | 1138.7 | 1116.3 | 1026.9 | 937.6 |
| 117.5° | 1654.3 | 1241.5 | 1221.3 | 1140.1 | 1058.9 |
| 120° | 1678.9 | 1301.4 | 1282.3 | 1205.9 | 1129.5 |
| 122.5° | 1714.2 | 1371.9 | 1352.7 | 1275.6 | 1198.5 |
| 125° | 1761.8 | 1462.5 | 1445.0 | 1374.7 | 1304.5 |
| 127.5° | 1809.3 | 1550.0 | 1532.3 | 1461.4 | 1390.4 |
| 130° | 1844.1 | 1608.3 | 1589.2 | 1512.8 | 1436.5 |
| 132.5° | 1872.3 | 1655.9 | 1636.8 | 1560.3 | 1484.0 |
| 135° | 1903.0 | 1711.1 | 1693.7 | 1624.2 | 1554.6 |
| 137.5° | 1948.9 | 1781.7 | 1764.5 | 1695.6 | 1626.7 |
| 140° | 1977.1 | 1829.3 | 1813.4 | 1749.9 | 1686.5 |
| 142.5° | 2000.6 | 1864.6 | 1849.9 | 1791.2 | 1732.6 |
| 145° | 2031.3 | 1918.3 | 1905.6 | 1854.4 | 1803.2 |
| 147.5° | 2076.4 | 1985.8 | 1973.3 | 1923.5 | 1873.7 |
| 150° | 2099.9 | 2021.2 | 2009.9 | 1964.8 | 1919.8 |
| 152.5° | 2115.3 | 2044.2 | 2035.7 | 2001.5 | 1967.4 |
| 155° | 2149.0 | 2094.8 | 2088.4 | 2063.2 | 2037.9 |
| 157.5° | 2182.8 | 2145.4 | 2139.3 | 2114.7 | 2090.2 |
| 160° | 2198.1 | 2168.5 | 2163.7 | 2144.6 | 2125.5 |
| 162.5° | 2214.5 | 2193.0 | 2189.4 | 2175.1 | 2160.8 |
| 165° | 2238.0 | 2228.2 | 2225.0 | 2212.0 | 2199.1 |
| 167.5° | 2256.4 | 2248.2 | 2246.7 | 2240.6 | 2234.5 |
| 170° | 2271.7 | 2271.2 | 2269.7 | 2263.6 | 2257.5 |
| 172.5° | 2272.8 | 2272.8 | 2272.5 | 2271.1 | 2269.7 |
| 175° | 2282.0 | 2286.6 | 2286.6 | 2286.6 | 2286.6 |
| 177.5° | 2283.1 | 2286.6 | 2286.6 | 2286.6 | 2286.6 |
| 180° | 2286.6 | 2286.6 | 2286.6 | 2286.6 | 2286.6 |



TEST NUMBER: P935617
 CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-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 | 12.89 | 13.68 | 13.91 | 14.71 | 16.09 | 15.74 | 16.53 | 16.76 | 17.56 | 18.94 |
| | 3H | 13.36 | 14.07 | 14.39 | 15.11 | 16.51 | 17.08 | 17.79 | 18.12 | 18.83 | 20.23 |
| | 4H | 13.54 | 14.22 | 14.59 | 15.26 | 16.67 | 17.53 | 18.20 | 18.57 | 19.24 | 20.65 |
| | 6H | 13.66 | 14.28 | 14.71 | 15.33 | 16.75 | 17.82 | 18.44 | 18.87 | 19.48 | 20.90 |
| | 8H | 13.66 | 14.25 | 14.72 | 15.31 | 16.73 | 17.89 | 18.48 | 18.95 | 19.54 | 20.96 |
| | 12H | 13.63 | 14.19 | 14.69 | 15.24 | 16.68 | 17.93 | 18.49 | 19.00 | 19.55 | 20.99 |
| 4H | 2H | 13.91 | 14.59 | 14.97 | 15.63 | 17.04 | 16.14 | 16.81 | 17.19 | 17.85 | 19.26 |
| | 3H | 14.94 | 15.50 | 16.00 | 16.57 | 17.99 | 17.64 | 18.20 | 18.70 | 19.27 | 20.69 |
| | 4H | 15.21 | 15.72 | 16.27 | 16.78 | 18.23 | 18.17 | 18.69 | 19.24 | 19.75 | 21.19 |
| | 6H | 15.33 | 15.77 | 16.40 | 16.86 | 18.29 | 18.54 | 18.98 | 19.61 | 20.06 | 21.50 |
| | 8H | 15.33 | 15.75 | 16.41 | 16.82 | 18.28 | 18.65 | 19.06 | 19.72 | 20.14 | 21.59 |
| | 12H | 15.30 | 15.67 | 16.39 | 16.76 | 18.22 | 18.70 | 19.08 | 19.80 | 20.17 | 21.63 |
| 8H | 4H | 15.66 | 16.07 | 16.74 | 17.15 | 18.60 | 18.29 | 18.70 | 19.37 | 19.78 | 21.23 |
| | 6H | 15.92 | 16.26 | 17.02 | 17.38 | 18.83 | 18.73 | 19.07 | 19.83 | 20.19 | 21.64 |
| | 8H | 15.96 | 16.26 | 17.07 | 17.36 | 18.83 | 18.88 | 19.18 | 19.99 | 20.28 | 21.75 |
| | 12H | 15.94 | 16.20 | 17.05 | 17.30 | 18.81 | 18.98 | 19.25 | 20.09 | 20.34 | 21.85 |
| 12H | 4H | 15.66 | 16.04 | 16.76 | 17.13 | 18.59 | 18.25 | 18.62 | 19.34 | 19.71 | 21.17 |
| | 6H | 15.98 | 16.28 | 17.09 | 17.38 | 18.85 | 18.73 | 19.02 | 19.83 | 20.13 | 21.60 |
| | 8H | 16.04 | 16.31 | 17.15 | 17.40 | 18.91 | 18.89 | 19.15 | 20.00 | 20.25 | 21.76 |