

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: P934204

Luminaire Tested: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

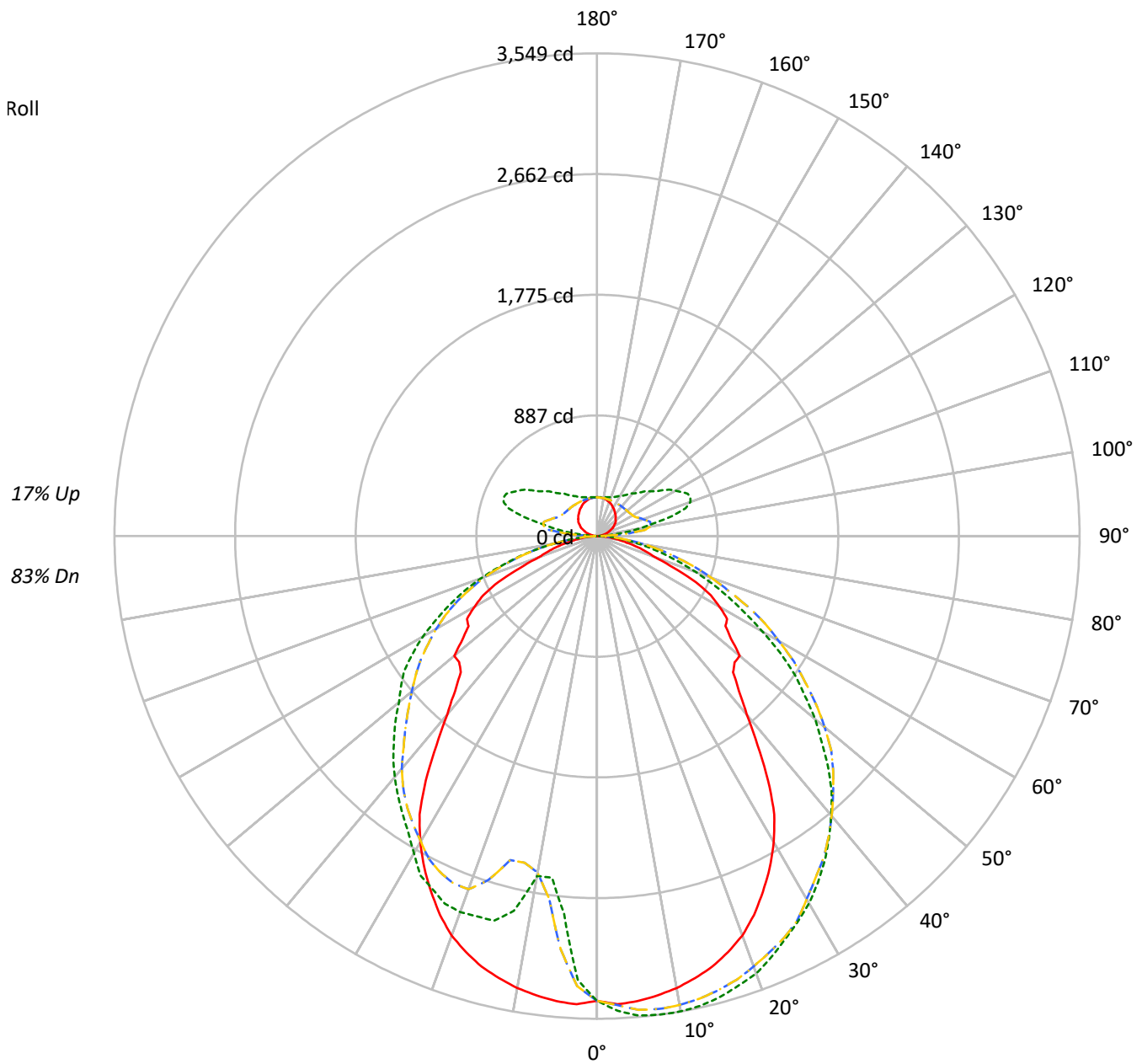
Test Method: LM-79-2019  
Report Number: P934204  
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10706.5 lumens  
Efficiency: N/A  
Efficacy: 107.9 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 99.2  
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

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°





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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 308.4   | 2.9       |
| 10°-20°   | 875.6   | 8.2       |
| 20°-30°   | 1353.5  | 12.6      |
| 30°-40°   | 1615.7  | 15.1      |
| 40°-50°   | 1625.2  | 15.2      |
| 50°-60°   | 1414.1  | 13.2      |
| 60°-70°   | 1002.6  | 9.4       |
| 70°-80°   | 530.5   | 5.0       |
| 80°-90°   | 133.2   | 1.2       |
| 90°-100°  | 138.9   | 1.3       |
| 100°-110° | 365.3   | 3.4       |
| 110°-120° | 378.8   | 3.5       |
| 120°-130° | 303.8   | 2.8       |
| 130°-140° | 238.4   | 2.2       |
| 140°-150° | 183.0   | 1.7       |
| 150°-160° | 131.8   | 1.2       |
| 160°-170° | 80.6    | 0.8       |
| 170°-180° | 27.2    | 0.3       |
| 0°-30°    | 2537.4  | 23.7      |
| 0°-40°    | 4153.1  | 38.8      |
| 0°-60°    | 7192.4  | 67.2      |
| 0°-90°    | 8858.7  | 82.7      |
| 90°-120°  | 883.0   | 8.2       |
| 90°-150°  | 1608.2  | 15.0      |
| 90°-180°  | 1848.0  | 17.3      |
| 0°-180°   | 10706.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 3416 | 3416 | 3416 | 3416 | 3416 |      |
| 5°   | 3432 | 3539 | 3432 | 2783 | 3432 | 326  |
| 15°  | 3277 | 3507 | 3277 | 2928 | 3277 | 922  |
| 25°  | 2886 | 3271 | 2886 | 2864 | 2886 | 1325 |
| 35°  | 2194 | 2918 | 2194 | 2492 | 2194 | 1358 |
| 45°  | 1416 | 2405 | 1416 | 2110 | 1416 | 1134 |
| 55°  | 1154 | 1774 | 1154 | 1732 | 1154 | 1060 |
| 65°  | 802  | 1070 | 802  | 1196 | 802  | 766  |
| 75°  | 304  | 507  | 304  | 608  | 304  | 319  |
| 85°  | 52   | 129  | 52   | 110  | 52   | 70   |
| 90°  | 2    | 7    | 2    | 7    | 2    | 4    |
| 95°  | 18   | 84   | 18   | 84   | 18   | 20   |
| 105° | 66   | 572  | 66   | 572  | 66   | 70   |
| 115° | 117  | 736  | 117  | 736  | 117  | 115  |
| 125° | 163  | 587  | 163  | 587  | 163  | 144  |
| 135° | 194  | 455  | 194  | 455  | 194  | 150  |
| 145° | 225  | 369  | 225  | 369  | 225  | 141  |
| 155° | 254  | 318  | 254  | 318  | 254  | 117  |
| 165° | 274  | 296  | 274  | 296  | 274  | 77   |
| 175° | 285  | 287  | 285  | 287  | 285  | 27   |
| 180° | 285  | 285  | 285  | 285  | 285  |      |



TEST NUMBER: P934204  
 CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 |
| 2.5°   | 3445.3 | 3445.3 | 3464.6 | 3471.1 | 3471.1 | 3461.5 | 3451.8 | 3461.5 | 3490.5 | 3500.3 | 3497.0 |
| 5°     | 3432.4 | 3458.2 | 3493.8 | 3500.3 | 3506.7 | 3503.5 | 3497.0 | 3503.5 | 3535.8 | 3542.3 | 3545.5 |
| 7.5°   | 3406.5 | 3455.0 | 3500.3 | 3509.9 | 3519.7 | 3509.9 | 3506.7 | 3513.2 | 3545.5 | 3551.9 | 3551.9 |
| 10°    | 3374.2 | 3442.1 | 3493.8 | 3500.3 | 3509.9 | 3500.3 | 3500.3 | 3513.2 | 3545.5 | 3551.9 | 3552.2 |
| 12.5°  | 3328.9 | 3422.6 | 3471.1 | 3477.6 | 3490.5 | 3487.3 | 3484.1 | 3497.0 | 3529.3 | 3535.8 | 3535.8 |
| 15°    | 3277.3 | 3387.1 | 3432.4 | 3438.9 | 3461.5 | 3455.0 | 3455.0 | 3467.9 | 3503.5 | 3513.2 | 3509.9 |
| 17.5°  | 3206.1 | 3341.8 | 3393.6 | 3403.2 | 3419.5 | 3416.2 | 3419.5 | 3432.4 | 3464.6 | 3471.1 | 3474.4 |
| 20°    | 3125.3 | 3280.4 | 3341.8 | 3351.6 | 3367.7 | 3367.7 | 3367.7 | 3383.9 | 3416.2 | 3429.1 | 3429.1 |
| 22.5°  | 3015.4 | 3215.9 | 3280.4 | 3286.9 | 3306.3 | 3306.3 | 3312.8 | 3335.4 | 3364.5 | 3367.7 | 3367.7 |
| 25°    | 2886.2 | 3144.7 | 3199.6 | 3219.0 | 3238.4 | 3248.1 | 3257.9 | 3270.8 | 3280.4 | 3277.3 | 3280.4 |
| 27.5°  | 2750.4 | 3054.2 | 3125.3 | 3138.2 | 3164.1 | 3173.8 | 3186.7 | 3190.0 | 3193.2 | 3202.9 | 3196.4 |
| 30°    | 2598.6 | 2928.2 | 3034.8 | 3047.8 | 3089.8 | 3096.2 | 3083.3 | 3089.8 | 3105.9 | 3112.4 | 3118.8 |
| 32.5°  | 2427.2 | 2740.8 | 2941.1 | 2970.2 | 3009.0 | 2989.6 | 2986.4 | 2996.0 | 3021.9 | 3021.9 | 3028.4 |
| 35°    | 2194.5 | 2595.3 | 2853.8 | 2879.7 | 2908.7 | 2886.2 | 2899.1 | 2902.3 | 2918.5 | 2928.2 | 2925.0 |
| 37.5°  | 1939.2 | 2469.2 | 2763.4 | 2782.8 | 2805.4 | 2776.3 | 2795.7 | 2805.4 | 2818.3 | 2811.8 | 2811.8 |
| 40°    | 1713.0 | 2272.0 | 2656.7 | 2669.6 | 2689.0 | 2666.4 | 2685.7 | 2692.2 | 2698.7 | 2692.2 | 2689.0 |
| 42.5°  | 1544.9 | 2055.5 | 2543.5 | 2559.7 | 2546.8 | 2562.9 | 2569.4 | 2582.3 | 2572.7 | 2559.7 | 2559.7 |
| 45°    | 1415.6 | 1997.4 | 2420.7 | 2440.1 | 2420.7 | 2446.6 | 2456.4 | 2456.4 | 2427.2 | 2420.7 | 2417.5 |
| 47.5°  | 1373.6 | 1881.0 | 2297.9 | 2297.9 | 2288.3 | 2320.6 | 2336.7 | 2314.1 | 2285.0 | 2275.3 | 2275.3 |
| 50°    | 1370.3 | 1751.8 | 2129.8 | 2116.9 | 2162.2 | 2201.0 | 2184.8 | 2162.2 | 2139.6 | 2104.1 | 2104.1 |
| 52.5°  | 1244.3 | 1593.3 | 1913.3 | 1961.9 | 2032.9 | 2055.5 | 2029.7 | 2007.0 | 1968.3 | 1952.1 | 1939.2 |
| 55°    | 1153.8 | 1428.6 | 1716.2 | 1813.2 | 1887.5 | 1916.6 | 1868.1 | 1845.4 | 1787.3 | 1777.6 | 1771.1 |
| 57.5°  | 1134.4 | 1189.4 | 1535.2 | 1658.0 | 1748.5 | 1745.3 | 1716.2 | 1674.2 | 1625.7 | 1616.0 | 1612.8 |
| 60°    | 1040.7 | 859.7  | 1341.3 | 1486.7 | 1580.4 | 1570.8 | 1544.9 | 1506.1 | 1460.9 | 1454.4 | 1448.0 |
| 62.5°  | 943.7  | 623.8  | 1121.5 | 1286.3 | 1418.8 | 1415.6 | 1393.0 | 1334.8 | 1302.5 | 1286.3 | 1273.4 |
| 65°    | 801.5  | 523.6  | 798.3  | 1069.8 | 1260.5 | 1266.9 | 1218.5 | 1176.5 | 1140.8 | 1121.5 | 1118.3 |
| 67.5°  | 610.8  | 426.6  | 539.8  | 892.1  | 1108.6 | 1102.1 | 1040.7 | 1021.3 | 976.1  | 966.4  | 947.0  |
| 70°    | 452.5  | 284.4  | 374.9  | 724.0  | 959.9  | 943.7  | 895.2  | 872.7  | 830.7  | 808.0  | 795.0  |
| 72.5°  | 374.9  | 229.5  | 274.8  | 562.4  | 808.0  | 788.6  | 746.6  | 720.7  | 685.2  | 665.8  | 652.8  |
| 75°    | 303.8  | 242.4  | 210.1  | 417.0  | 656.1  | 643.2  | 604.4  | 578.5  | 549.4  | 523.6  | 526.8  |
| 77.5°  | 223.0  | 226.2  | 168.1  | 307.0  | 520.4  | 501.0  | 478.4  | 446.0  | 433.1  | 407.2  | 407.2  |
| 80°    | 168.1  | 177.7  | 126.1  | 210.1  | 374.9  | 374.9  | 355.5  | 332.9  | 310.3  | 297.4  | 297.4  |
| 82.5°  | 113.1  | 113.1  | 93.7   | 132.6  | 255.4  | 245.6  | 232.7  | 226.2  | 213.3  | 206.9  | 206.9  |
| 85°    | 51.7   | 64.7   | 58.2   | 80.8   | 139.0  | 145.4  | 145.4  | 139.0  | 135.7  | 129.3  | 132.6  |
| 87.5°  | 16.1   | 29.1   | 35.5   | 45.3   | 71.1   | 74.3   | 77.5   | 77.5   | 77.5   | 80.8   | 80.8   |
| 90°    | 1.9    | 3.4    | 5.0    | 5.3    | 8.4    | 12.5   | 14.5   | 12.9   | 9.6    | 7.3    | 7.3    |
| 92.5°  | 7.6    | 20.6   | 33.7   | 37.0   | 52.0   | 71.9   | 81.8   | 71.7   | 51.6   | 36.4   | 35.0   |
| 95°    | 18.3   | 42.1   | 66.0   | 71.9   | 127.7  | 202.1  | 239.3  | 213.5  | 162.1  | 123.4  | 119.0  |
| 97.5°  | 31.8   | 52.8   | 73.7   | 79.0   | 172.0  | 296.0  | 358.1  | 341.9  | 309.3  | 284.9  | 276.6  |
| 100°   | 42.1   | 61.1   | 80.1   | 84.9   | 188.1  | 325.8  | 394.6  | 395.8  | 398.2  | 400.0  | 390.1  |
| 102.5° | 50.9   | 68.7   | 86.4   | 90.8   | 195.6  | 335.2  | 405.0  | 425.7  | 467.2  | 498.3  | 489.8  |
| 105°   | 65.8   | 80.9   | 96.0   | 99.7   | 201.1  | 336.3  | 403.9  | 450.4  | 543.4  | 613.1  | 608.5  |
| 107.5° | 81.1   | 95.1   | 109.2  | 112.7  | 202.1  | 321.3  | 380.9  | 445.7  | 575.5  | 672.8  | 673.9  |
| 110°   | 91.5   | 104.1  | 116.8  | 119.9  | 200.5  | 308.0  | 361.8  | 434.2  | 579.3  | 688.1  | 692.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 22.5° | 30°   | 40°   | 45°   | 50°   | 60°   | 67.5° | 70°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 101.6 | 113.6 | 125.7 | 128.7 | 200.6 | 296.4 | 344.4 | 418.6 | 567.0 | 678.3 | 685.7 |
| 115°   | 116.9 | 128.0 | 139.1 | 141.9 | 202.5 | 283.2 | 323.5 | 395.0 | 538.0 | 645.3 | 655.4 |
| 117.5° | 132.0 | 142.1 | 152.2 | 154.8 | 206.3 | 274.8 | 309.1 | 373.7 | 502.7 | 599.5 | 610.8 |
| 120°   | 140.8 | 150.3 | 159.9 | 162.3 | 209.3 | 272.1 | 303.4 | 362.3 | 480.3 | 568.7 | 579.6 |
| 122.5° | 149.4 | 159.0 | 168.7 | 171.0 | 213.7 | 270.6 | 299.0 | 352.1 | 458.3 | 538.0 | 548.7 |
| 125°   | 162.6 | 171.4 | 180.1 | 182.3 | 219.6 | 269.4 | 294.2 | 339.3 | 429.6 | 497.2 | 507.1 |
| 127.5° | 173.3 | 182.1 | 191.0 | 193.2 | 225.6 | 268.6 | 290.2 | 329.0 | 406.4 | 464.5 | 472.9 |
| 130°   | 179.1 | 188.6 | 198.1 | 200.5 | 229.9 | 269.1 | 288.7 | 323.2 | 392.1 | 443.8 | 451.5 |
| 132.5° | 185.0 | 194.5 | 204.0 | 206.4 | 233.4 | 269.4 | 287.4 | 318.2 | 379.9 | 426.2 | 433.2 |
| 135°   | 193.8 | 202.5 | 211.2 | 213.3 | 237.2 | 269.1 | 285.1 | 310.9 | 362.6 | 401.4 | 407.3 |
| 137.5° | 202.7 | 211.3 | 219.9 | 222.1 | 243.0 | 270.7 | 284.7 | 306.6 | 350.2 | 383.0 | 387.8 |
| 140°   | 210.2 | 218.1 | 226.0 | 228.1 | 246.5 | 271.0 | 283.3 | 302.3 | 340.0 | 368.2 | 372.8 |
| 142.5° | 216.0 | 223.3 | 230.6 | 232.4 | 249.4 | 272.1 | 283.3 | 300.0 | 333.1 | 357.9 | 361.8 |
| 145°   | 224.8 | 231.2 | 237.5 | 239.1 | 253.3 | 272.1 | 281.4 | 295.0 | 322.1 | 342.5 | 345.4 |
| 147.5° | 233.6 | 239.8 | 246.0 | 247.5 | 258.8 | 273.9 | 281.4 | 292.1 | 313.4 | 329.4 | 331.9 |
| 150°   | 239.3 | 245.0 | 250.5 | 251.9 | 261.8 | 274.8 | 281.4 | 290.4 | 308.5 | 321.9 | 323.9 |
| 152.5° | 245.2 | 249.4 | 253.7 | 254.8 | 263.7 | 275.5 | 281.4 | 289.1 | 304.5 | 316.0 | 317.5 |
| 155°   | 254.0 | 257.2 | 260.3 | 261.1 | 267.9 | 277.0 | 281.4 | 287.6 | 299.8 | 308.9 | 309.9 |
| 157.5° | 260.5 | 263.6 | 266.6 | 267.4 | 272.1 | 278.3 | 281.4 | 286.2 | 295.7 | 302.8 | 303.5 |
| 160°   | 264.9 | 267.3 | 269.7 | 270.3 | 274.0 | 279.0 | 281.4 | 285.5 | 293.7 | 299.8 | 300.2 |
| 162.5° | 269.3 | 271.1 | 272.8 | 273.3 | 276.0 | 279.6 | 281.4 | 284.9 | 291.8 | 296.9 | 297.3 |
| 165°   | 274.2 | 275.8 | 277.4 | 277.8 | 279.1 | 280.7 | 281.4 | 283.9 | 288.8 | 292.5 | 292.9 |
| 167.5° | 278.6 | 279.3 | 280.1 | 280.3 | 281.3 | 282.7 | 283.3 | 285.0 | 288.2 | 290.6 | 290.8 |
| 170°   | 281.4 | 282.2 | 283.0 | 283.2 | 283.3 | 283.3 | 283.3 | 285.0 | 288.2 | 290.6 | 290.6 |
| 172.5° | 283.0 | 283.2 | 283.3 | 283.3 | 283.3 | 283.3 | 283.3 | 284.6 | 287.2 | 289.1 | 288.9 |
| 175°   | 285.1 | 285.1 | 285.1 | 285.1 | 284.5 | 283.7 | 283.3 | 284.1 | 285.7 | 287.0 | 287.0 |
| 177.5° | 285.1 | 285.1 | 285.1 | 285.1 | 284.6 | 284.0 | 283.7 | 284.4 | 285.6 | 286.6 | 286.4 |
| 180°   | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 |



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**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 |
| 2.5°   | 3503.5 | 3493.8 | 3503.5 | 3497.0 | 3500.3 | 3490.5 | 3461.5 | 3451.8 | 3461.5 | 3471.1 | 3471.1 |
| 5°     | 3545.5 | 3539.0 | 3545.5 | 3545.5 | 3542.3 | 3535.8 | 3503.5 | 3497.0 | 3503.5 | 3506.7 | 3500.3 |
| 7.5°   | 3558.4 | 3548.7 | 3558.4 | 3551.9 | 3551.9 | 3545.5 | 3513.2 | 3506.7 | 3509.9 | 3519.7 | 3509.9 |
| 10°    | 3558.4 | 3548.7 | 3558.4 | 3555.2 | 3551.9 | 3545.5 | 3513.2 | 3500.3 | 3500.3 | 3509.9 | 3500.3 |
| 12.5°  | 3542.3 | 3535.8 | 3542.3 | 3535.8 | 3535.8 | 3529.3 | 3497.0 | 3484.1 | 3487.3 | 3490.5 | 3477.6 |
| 15°    | 3516.4 | 3506.7 | 3516.4 | 3509.9 | 3513.2 | 3503.5 | 3467.9 | 3455.0 | 3455.0 | 3461.5 | 3438.9 |
| 17.5°  | 3477.6 | 3464.6 | 3477.6 | 3474.4 | 3471.1 | 3464.6 | 3432.4 | 3419.5 | 3416.2 | 3419.5 | 3403.2 |
| 20°    | 3432.4 | 3422.6 | 3432.4 | 3429.1 | 3429.1 | 3416.2 | 3383.9 | 3367.7 | 3367.7 | 3367.7 | 3351.6 |
| 22.5°  | 3361.2 | 3351.6 | 3361.2 | 3367.7 | 3367.7 | 3364.5 | 3335.4 | 3312.8 | 3306.3 | 3306.3 | 3286.9 |
| 25°    | 3280.4 | 3270.8 | 3280.4 | 3280.4 | 3277.3 | 3280.4 | 3270.8 | 3257.9 | 3248.1 | 3238.4 | 3219.0 |
| 27.5°  | 3202.9 | 3196.4 | 3202.9 | 3196.4 | 3202.9 | 3193.2 | 3190.0 | 3186.7 | 3173.8 | 3164.1 | 3138.2 |
| 30°    | 3125.3 | 3118.8 | 3125.3 | 3118.8 | 3112.4 | 3105.9 | 3089.8 | 3083.3 | 3096.2 | 3089.8 | 3047.8 |
| 32.5°  | 3028.4 | 3021.9 | 3028.4 | 3028.4 | 3021.9 | 3021.9 | 2996.0 | 2986.4 | 2989.6 | 3009.0 | 2970.2 |
| 35°    | 2928.2 | 2918.5 | 2928.2 | 2925.0 | 2928.2 | 2918.5 | 2902.3 | 2899.1 | 2886.2 | 2908.7 | 2879.7 |
| 37.5°  | 2811.8 | 2802.2 | 2811.8 | 2811.8 | 2811.8 | 2818.3 | 2805.4 | 2795.7 | 2776.3 | 2805.4 | 2782.8 |
| 40°    | 2692.2 | 2679.3 | 2692.2 | 2689.0 | 2692.2 | 2698.7 | 2692.2 | 2685.7 | 2666.4 | 2689.0 | 2669.6 |
| 42.5°  | 2556.5 | 2553.3 | 2556.5 | 2559.7 | 2559.7 | 2572.7 | 2582.3 | 2569.4 | 2562.9 | 2546.8 | 2559.7 |
| 45°    | 2411.1 | 2404.6 | 2411.1 | 2417.5 | 2420.7 | 2427.2 | 2456.4 | 2456.4 | 2446.6 | 2420.7 | 2440.1 |
| 47.5°  | 2255.9 | 2239.8 | 2255.9 | 2275.3 | 2275.3 | 2285.0 | 2314.1 | 2336.7 | 2320.6 | 2288.3 | 2297.9 |
| 50°    | 2091.1 | 2094.3 | 2091.1 | 2104.1 | 2104.1 | 2139.6 | 2162.2 | 2184.8 | 2201.0 | 2162.2 | 2116.9 |
| 52.5°  | 1929.5 | 1926.2 | 1929.5 | 1939.2 | 1952.1 | 1968.3 | 2007.0 | 2029.7 | 2055.5 | 2032.9 | 1961.9 |
| 55°    | 1767.9 | 1774.4 | 1767.9 | 1771.1 | 1777.6 | 1787.3 | 1845.4 | 1868.1 | 1916.6 | 1887.5 | 1813.2 |
| 57.5°  | 1606.3 | 1596.6 | 1606.3 | 1612.8 | 1616.0 | 1625.7 | 1674.2 | 1716.2 | 1745.3 | 1748.5 | 1658.0 |
| 60°    | 1418.8 | 1406.0 | 1418.8 | 1448.0 | 1454.4 | 1460.9 | 1506.1 | 1544.9 | 1570.8 | 1580.4 | 1486.7 |
| 62.5°  | 1254.0 | 1231.4 | 1254.0 | 1273.4 | 1286.3 | 1302.5 | 1334.8 | 1393.0 | 1415.6 | 1418.8 | 1286.3 |
| 65°    | 1079.4 | 1069.8 | 1079.4 | 1118.3 | 1121.5 | 1140.8 | 1176.5 | 1218.5 | 1266.9 | 1260.5 | 1069.8 |
| 67.5°  | 921.1  | 921.1  | 921.1  | 947.0  | 966.4  | 976.1  | 1021.3 | 1040.7 | 1102.1 | 1108.6 | 892.1  |
| 70°    | 775.7  | 772.4  | 775.7  | 795.0  | 808.0  | 830.7  | 872.7  | 895.2  | 943.7  | 959.9  | 724.0  |
| 72.5°  | 636.7  | 633.5  | 636.7  | 652.8  | 665.8  | 685.2  | 720.7  | 746.6  | 788.6  | 808.0  | 562.4  |
| 75°    | 513.9  | 507.4  | 513.9  | 526.8  | 523.6  | 549.4  | 578.5  | 604.4  | 643.2  | 656.1  | 417.0  |
| 77.5°  | 394.3  | 394.3  | 394.3  | 407.2  | 407.2  | 433.1  | 446.0  | 478.4  | 501.0  | 520.4  | 307.0  |
| 80°    | 294.1  | 290.9  | 294.1  | 297.4  | 297.4  | 310.3  | 332.9  | 355.5  | 374.9  | 374.9  | 210.1  |
| 82.5°  | 206.9  | 200.4  | 206.9  | 206.9  | 206.9  | 213.3  | 226.2  | 232.7  | 245.6  | 255.4  | 132.6  |
| 85°    | 129.3  | 129.3  | 129.3  | 132.6  | 129.3  | 135.7  | 139.0  | 145.4  | 145.4  | 139.0  | 80.8   |
| 87.5°  | 84.0   | 80.8   | 84.0   | 80.8   | 80.8   | 77.5   | 77.5   | 77.5   | 74.3   | 71.1   | 45.3   |
| 90°    | 7.3    | 7.3    | 7.3    | 7.3    | 7.3    | 9.6    | 12.9   | 14.5   | 12.5   | 8.4    | 5.3    |
| 92.5°  | 29.1   | 23.3   | 29.1   | 35.0   | 36.4   | 51.6   | 71.7   | 81.8   | 71.9   | 52.0   | 37.0   |
| 95°    | 101.5  | 83.9   | 101.5  | 119.0  | 123.4  | 162.1  | 213.5  | 239.3  | 202.1  | 127.7  | 71.9   |
| 97.5°  | 243.1  | 209.8  | 243.1  | 276.6  | 284.9  | 309.3  | 341.9  | 358.1  | 296.0  | 172.0  | 79.0   |
| 100°   | 350.4  | 310.7  | 350.4  | 390.1  | 400.0  | 398.2  | 395.8  | 394.6  | 325.8  | 188.1  | 84.9   |
| 102.5° | 455.8  | 421.8  | 455.8  | 489.8  | 498.3  | 467.2  | 425.7  | 405.0  | 335.2  | 195.6  | 90.8   |
| 105°   | 590.3  | 571.9  | 590.3  | 608.5  | 613.1  | 543.4  | 450.4  | 403.9  | 336.3  | 201.1  | 99.7   |
| 107.5° | 678.3  | 682.7  | 678.3  | 673.9  | 672.8  | 575.5  | 445.7  | 380.9  | 321.3  | 202.1  | 112.7  |
| 110°   | 711.9  | 731.0  | 711.9  | 692.9  | 688.1  | 579.3  | 434.2  | 361.8  | 308.0  | 200.5  | 119.9  |





TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 80°   | 90°   | 100°  | 110°  | 112.5° | 120°  | 130°  | 135°  | 140°  | 150°  | 157.5° |
|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 714.9 | 744.1 | 714.9 | 685.7 | 678.3  | 567.0 | 418.6 | 344.4 | 296.4 | 200.6 | 128.7  |
| 115°   | 696.0 | 736.5 | 696.0 | 655.4 | 645.3  | 538.0 | 395.0 | 323.5 | 283.2 | 202.5 | 141.9  |
| 117.5° | 655.8 | 700.8 | 655.8 | 610.8 | 599.5  | 502.7 | 373.7 | 309.1 | 274.8 | 206.3 | 154.8  |
| 120°   | 623.3 | 667.1 | 623.3 | 579.6 | 568.7  | 480.3 | 362.3 | 303.4 | 272.1 | 209.3 | 162.3  |
| 122.5° | 591.8 | 634.9 | 591.8 | 548.7 | 538.0  | 458.3 | 352.1 | 299.0 | 270.6 | 213.7 | 171.0  |
| 125°   | 546.8 | 586.6 | 546.8 | 507.1 | 497.2  | 429.6 | 339.3 | 294.2 | 269.4 | 219.6 | 182.3  |
| 127.5° | 506.3 | 539.9 | 506.3 | 472.9 | 464.5  | 406.4 | 329.0 | 290.2 | 268.6 | 225.6 | 193.2  |
| 130°   | 482.5 | 513.4 | 482.5 | 451.5 | 443.8  | 392.1 | 323.2 | 288.7 | 269.1 | 229.9 | 200.5  |
| 132.5° | 460.9 | 488.6 | 460.9 | 433.2 | 426.2  | 379.9 | 318.2 | 287.4 | 269.4 | 233.4 | 206.4  |
| 135°   | 431.2 | 455.1 | 431.2 | 407.3 | 401.4  | 362.6 | 310.9 | 285.1 | 269.1 | 237.2 | 213.3  |
| 137.5° | 407.4 | 427.0 | 407.4 | 387.8 | 383.0  | 350.2 | 306.6 | 284.7 | 270.7 | 243.0 | 222.1  |
| 140°   | 391.1 | 409.4 | 391.1 | 372.8 | 368.2  | 340.0 | 302.3 | 283.3 | 271.0 | 246.5 | 228.1  |
| 142.5° | 377.6 | 393.3 | 377.6 | 361.8 | 357.9  | 333.1 | 300.0 | 283.3 | 272.1 | 249.4 | 232.4  |
| 145°   | 357.4 | 369.2 | 357.4 | 345.4 | 342.5  | 322.1 | 295.0 | 281.4 | 272.1 | 253.3 | 239.1  |
| 147.5° | 341.7 | 351.6 | 341.7 | 331.9 | 329.4  | 313.4 | 292.1 | 281.4 | 273.9 | 258.8 | 247.5  |
| 150°   | 332.0 | 340.0 | 332.0 | 323.9 | 321.9  | 308.5 | 290.4 | 281.4 | 274.8 | 261.8 | 251.9  |
| 152.5° | 323.6 | 329.6 | 323.6 | 317.5 | 316.0  | 304.5 | 289.1 | 281.4 | 275.5 | 263.7 | 254.8  |
| 155°   | 313.9 | 317.9 | 313.9 | 309.9 | 308.9  | 299.8 | 287.6 | 281.4 | 277.0 | 267.9 | 261.1  |
| 157.5° | 306.4 | 309.1 | 306.4 | 303.5 | 302.8  | 295.7 | 286.2 | 281.4 | 278.3 | 272.1 | 267.4  |
| 160°   | 301.8 | 303.4 | 301.8 | 300.2 | 299.8  | 293.7 | 285.5 | 281.4 | 279.0 | 274.0 | 270.3  |
| 162.5° | 298.8 | 300.3 | 298.8 | 297.3 | 296.9  | 291.8 | 284.9 | 281.4 | 279.6 | 276.0 | 273.3  |
| 165°   | 294.5 | 296.1 | 294.5 | 292.9 | 292.5  | 288.8 | 283.9 | 281.4 | 280.7 | 279.1 | 277.8  |
| 167.5° | 291.5 | 292.1 | 291.5 | 290.8 | 290.6  | 288.2 | 285.0 | 283.3 | 282.7 | 281.3 | 280.3  |
| 170°   | 290.6 | 290.6 | 290.6 | 290.6 | 290.6  | 288.2 | 285.0 | 283.3 | 283.3 | 283.3 | 283.2  |
| 172.5° | 288.3 | 287.7 | 288.3 | 288.9 | 289.1  | 287.2 | 284.6 | 283.3 | 283.3 | 283.3 | 283.3  |
| 175°   | 287.0 | 287.0 | 287.0 | 287.0 | 287.0  | 285.7 | 284.1 | 283.3 | 283.7 | 284.5 | 285.1  |
| 177.5° | 285.7 | 285.1 | 285.7 | 286.4 | 286.6  | 285.6 | 284.4 | 283.7 | 284.0 | 284.6 | 285.1  |
| 180°   | 285.1 | 285.1 | 285.1 | 285.1 | 285.1  | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1  |



TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 |
| 2.5°   | 3464.6 | 3445.3 | 3445.3 | 3413.0 | 3400.1 | 3390.3 | 3374.2 | 3325.7 | 3312.8 | 3299.8 | 3319.3 |
| 5°     | 3493.8 | 3458.2 | 3432.4 | 3374.2 | 3325.7 | 3306.3 | 3244.9 | 3128.6 | 3051.0 | 2992.8 | 2960.5 |
| 7.5°   | 3500.3 | 3455.0 | 3406.5 | 3316.0 | 3199.6 | 3148.0 | 2960.5 | 2747.2 | 2689.0 | 2637.3 | 2605.0 |
| 10°    | 3493.8 | 3442.1 | 3374.2 | 3238.4 | 2963.7 | 2873.2 | 2685.7 | 2546.8 | 2511.3 | 2501.5 | 2511.3 |
| 12.5°  | 3471.1 | 3422.6 | 3328.9 | 3102.7 | 2718.1 | 2656.7 | 2546.8 | 2466.0 | 2459.5 | 2475.7 | 2562.9 |
| 15°    | 3432.4 | 3387.1 | 3277.3 | 2921.7 | 2582.3 | 2537.1 | 2459.5 | 2430.5 | 2466.0 | 2579.2 | 2840.9 |
| 17.5°  | 3393.6 | 3341.8 | 3206.1 | 2744.0 | 2478.9 | 2446.6 | 2391.7 | 2449.9 | 2650.2 | 2802.2 | 2889.4 |
| 20°    | 3341.8 | 3280.4 | 3125.3 | 2614.7 | 2404.6 | 2375.5 | 2349.7 | 2611.4 | 2763.4 | 2818.3 | 2866.8 |
| 22.5°  | 3280.4 | 3215.9 | 3015.4 | 2524.2 | 2327.0 | 2304.4 | 2320.6 | 2702.0 | 2763.4 | 2802.2 | 2844.2 |
| 25°    | 3199.6 | 3144.7 | 2886.2 | 2453.1 | 2265.6 | 2239.8 | 2301.2 | 2692.2 | 2727.8 | 2737.5 | 2821.5 |
| 27.5°  | 3125.3 | 3054.2 | 2750.4 | 2388.5 | 2191.2 | 2181.6 | 2317.3 | 2650.2 | 2676.1 | 2685.7 | 2776.3 |
| 30°    | 3034.8 | 2928.2 | 2598.6 | 2320.6 | 2113.7 | 2110.5 | 2320.6 | 2598.6 | 2592.1 | 2617.9 | 2708.4 |
| 32.5°  | 2941.1 | 2740.8 | 2427.2 | 2236.5 | 2039.4 | 2036.2 | 2297.9 | 2520.9 | 2514.5 | 2550.0 | 2617.9 |
| 35°    | 2853.8 | 2595.3 | 2194.5 | 2139.6 | 1945.6 | 1948.9 | 2243.0 | 2430.5 | 2433.7 | 2466.0 | 2508.0 |
| 37.5°  | 2763.4 | 2469.2 | 1939.2 | 2032.9 | 1855.2 | 1855.2 | 2168.6 | 2346.4 | 2339.9 | 2349.7 | 2407.8 |
| 40°    | 2656.7 | 2272.0 | 1713.0 | 1894.0 | 1771.1 | 1761.4 | 2078.2 | 2255.9 | 2233.3 | 2230.1 | 2310.9 |
| 42.5°  | 2543.5 | 2055.5 | 1544.9 | 1709.7 | 1674.2 | 1661.2 | 1968.3 | 2146.1 | 2104.1 | 2113.7 | 2217.1 |
| 45°    | 2420.7 | 1997.4 | 1415.6 | 1444.7 | 1573.9 | 1564.3 | 1848.7 | 2020.0 | 1990.9 | 2016.8 | 2123.4 |
| 47.5°  | 2297.9 | 1881.0 | 1373.6 | 1199.1 | 1467.4 | 1464.1 | 1716.2 | 1897.2 | 1881.0 | 1906.8 | 2020.0 |
| 50°    | 2129.8 | 1751.8 | 1370.3 | 1027.8 | 1347.7 | 1360.7 | 1557.8 | 1777.6 | 1777.6 | 1800.2 | 1919.8 |
| 52.5°  | 1913.3 | 1593.3 | 1244.3 | 930.8  | 1208.7 | 1247.5 | 1418.8 | 1674.2 | 1680.6 | 1703.2 | 1809.9 |
| 55°    | 1716.2 | 1428.6 | 1153.8 | 856.4  | 1043.9 | 1128.0 | 1283.1 | 1567.5 | 1580.4 | 1603.1 | 1700.0 |
| 57.5°  | 1535.2 | 1189.4 | 1134.4 | 769.3  | 892.1  | 972.9  | 1163.5 | 1464.1 | 1470.5 | 1490.0 | 1583.7 |
| 60°    | 1341.3 | 859.7  | 1040.7 | 675.5  | 759.5  | 820.9  | 1053.7 | 1341.3 | 1363.9 | 1376.8 | 1457.6 |
| 62.5°  | 1121.5 | 623.8  | 943.7  | 610.8  | 694.9  | 707.8  | 963.1  | 1224.9 | 1254.0 | 1263.8 | 1312.2 |
| 65°    | 798.3  | 523.6  | 801.5  | 555.9  | 627.0  | 630.2  | 866.2  | 1105.3 | 1131.2 | 1147.3 | 1182.9 |
| 67.5°  | 539.8  | 426.6  | 610.8  | 504.1  | 575.3  | 578.5  | 772.4  | 966.4  | 1001.9 | 1014.9 | 1037.5 |
| 70°    | 374.9  | 284.4  | 452.5  | 449.2  | 517.1  | 523.6  | 672.2  | 840.3  | 872.7  | 882.3  | 895.2  |
| 72.5°  | 274.8  | 229.5  | 374.9  | 404.0  | 455.7  | 462.2  | 568.8  | 698.1  | 730.4  | 740.1  | 746.6  |
| 75°    | 210.1  | 242.4  | 303.8  | 352.3  | 387.8  | 391.1  | 465.4  | 568.8  | 591.4  | 597.9  | 601.2  |
| 77.5°  | 168.1  | 226.2  | 223.0  | 284.4  | 316.8  | 310.3  | 365.2  | 439.6  | 459.0  | 459.0  | 459.0  |
| 80°    | 126.1  | 177.7  | 168.1  | 203.6  | 232.7  | 226.2  | 261.8  | 313.5  | 319.9  | 326.4  | 323.2  |
| 82.5°  | 93.7   | 113.1  | 113.1  | 129.3  | 155.1  | 148.7  | 174.6  | 203.6  | 203.6  | 203.6  | 210.1  |
| 85°    | 58.2   | 64.7   | 51.7   | 67.9   | 87.3   | 84.0   | 96.9   | 109.9  | 113.1  | 113.1  | 106.7  |
| 87.5°  | 35.5   | 29.1   | 16.1   | 25.9   | 38.8   | 38.8   | 45.3   | 48.5   | 45.3   | 45.3   | 45.3   |
| 90°    | 5.0    | 3.4    | 1.9    | 3.4    | 5.0    | 5.3    | 8.4    | 12.5   | 14.5   | 12.9   | 9.6    |
| 92.5°  | 33.7   | 20.6   | 7.6    | 20.6   | 33.7   | 37.0   | 52.0   | 71.9   | 81.8   | 71.7   | 51.6   |
| 95°    | 66.0   | 42.1   | 18.3   | 42.1   | 66.0   | 71.9   | 127.7  | 202.1  | 239.3  | 213.5  | 162.1  |
| 97.5°  | 73.7   | 52.8   | 31.8   | 52.8   | 73.7   | 79.0   | 172.0  | 296.0  | 358.1  | 341.9  | 309.3  |
| 100°   | 80.1   | 61.1   | 42.1   | 61.1   | 80.1   | 84.9   | 188.1  | 325.8  | 394.6  | 395.8  | 398.2  |
| 102.5° | 86.4   | 68.7   | 50.9   | 68.7   | 86.4   | 90.8   | 195.6  | 335.2  | 405.0  | 425.7  | 467.2  |
| 105°   | 96.0   | 80.9   | 65.8   | 80.9   | 96.0   | 99.7   | 201.1  | 336.3  | 403.9  | 450.4  | 543.4  |
| 107.5° | 109.2  | 95.1   | 81.1   | 95.1   | 109.2  | 112.7  | 202.1  | 321.3  | 380.9  | 445.7  | 575.5  |
| 110°   | 116.8  | 104.1  | 91.5   | 104.1  | 116.8  | 119.9  | 200.5  | 308.0  | 361.8  | 434.2  | 579.3  |



TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 160°  | 170°  | 180°  | 190°  | 200°  | 202.5° | 210°  | 220°  | 225°  | 230°  | 240°  |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 125.7 | 113.6 | 101.6 | 113.6 | 125.7 | 128.7  | 200.6 | 296.4 | 344.4 | 418.6 | 567.0 |
| 115°   | 139.1 | 128.0 | 116.9 | 128.0 | 139.1 | 141.9  | 202.5 | 283.2 | 323.5 | 395.0 | 538.0 |
| 117.5° | 152.2 | 142.1 | 132.0 | 142.1 | 152.2 | 154.8  | 206.3 | 274.8 | 309.1 | 373.7 | 502.7 |
| 120°   | 159.9 | 150.3 | 140.8 | 150.3 | 159.9 | 162.3  | 209.3 | 272.1 | 303.4 | 362.3 | 480.3 |
| 122.5° | 168.7 | 159.0 | 149.4 | 159.0 | 168.7 | 171.0  | 213.7 | 270.6 | 299.0 | 352.1 | 458.3 |
| 125°   | 180.1 | 171.4 | 162.6 | 171.4 | 180.1 | 182.3  | 219.6 | 269.4 | 294.2 | 339.3 | 429.6 |
| 127.5° | 191.0 | 182.1 | 173.3 | 182.1 | 191.0 | 193.2  | 225.6 | 268.6 | 290.2 | 329.0 | 406.4 |
| 130°   | 198.1 | 188.6 | 179.1 | 188.6 | 198.1 | 200.5  | 229.9 | 269.1 | 288.7 | 323.2 | 392.1 |
| 132.5° | 204.0 | 194.5 | 185.0 | 194.5 | 204.0 | 206.4  | 233.4 | 269.4 | 287.4 | 318.2 | 379.9 |
| 135°   | 211.2 | 202.5 | 193.8 | 202.5 | 211.2 | 213.3  | 237.2 | 269.1 | 285.1 | 310.9 | 362.6 |
| 137.5° | 219.9 | 211.3 | 202.7 | 211.3 | 219.9 | 222.1  | 243.0 | 270.7 | 284.7 | 306.6 | 350.2 |
| 140°   | 226.0 | 218.1 | 210.2 | 218.1 | 226.0 | 228.1  | 246.5 | 271.0 | 283.3 | 302.3 | 340.0 |
| 142.5° | 230.6 | 223.3 | 216.0 | 223.3 | 230.6 | 232.4  | 249.4 | 272.1 | 283.3 | 300.0 | 333.1 |
| 145°   | 237.5 | 231.2 | 224.8 | 231.2 | 237.5 | 239.1  | 253.3 | 272.1 | 281.4 | 295.0 | 322.1 |
| 147.5° | 246.0 | 239.8 | 233.6 | 239.8 | 246.0 | 247.5  | 258.8 | 273.9 | 281.4 | 292.1 | 313.4 |
| 150°   | 250.5 | 245.0 | 239.3 | 245.0 | 250.5 | 251.9  | 261.8 | 274.8 | 281.4 | 290.4 | 308.5 |
| 152.5° | 253.7 | 249.4 | 245.2 | 249.4 | 253.7 | 254.8  | 263.7 | 275.5 | 281.4 | 289.1 | 304.5 |
| 155°   | 260.3 | 257.2 | 254.0 | 257.2 | 260.3 | 261.1  | 267.9 | 277.0 | 281.4 | 287.6 | 299.8 |
| 157.5° | 266.6 | 263.6 | 260.5 | 263.6 | 266.6 | 267.4  | 272.1 | 278.3 | 281.4 | 286.2 | 295.7 |
| 160°   | 269.7 | 267.3 | 264.9 | 267.3 | 269.7 | 270.3  | 274.0 | 279.0 | 281.4 | 285.5 | 293.7 |
| 162.5° | 272.8 | 271.1 | 269.3 | 271.1 | 272.8 | 273.3  | 276.0 | 279.6 | 281.4 | 284.9 | 291.8 |
| 165°   | 277.4 | 275.8 | 274.2 | 275.8 | 277.4 | 277.8  | 279.1 | 280.7 | 281.4 | 283.9 | 288.8 |
| 167.5° | 280.1 | 279.3 | 278.6 | 279.3 | 280.1 | 280.3  | 281.3 | 282.7 | 283.3 | 285.0 | 288.2 |
| 170°   | 283.0 | 282.2 | 281.4 | 282.2 | 283.0 | 283.2  | 283.3 | 283.3 | 283.3 | 285.0 | 288.2 |
| 172.5° | 283.3 | 283.2 | 283.0 | 283.2 | 283.3 | 283.3  | 283.3 | 283.3 | 283.3 | 284.6 | 287.2 |
| 175°   | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1  | 284.5 | 283.7 | 283.3 | 284.1 | 285.7 |
| 177.5° | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1  | 284.6 | 284.0 | 283.7 | 284.4 | 285.6 |
| 180°   | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1  | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 |



TEST NUMBER: P934204  
 CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 |
| 2.5°   | 3296.7 | 3286.9 | 3299.8 | 3264.3 | 3299.8 | 3286.9 | 3296.7 | 3319.3 | 3299.8 | 3312.8 | 3325.7 |
| 5°     | 2892.6 | 2876.5 | 2824.8 | 2782.8 | 2824.8 | 2876.5 | 2892.6 | 2960.5 | 2992.8 | 3051.0 | 3128.6 |
| 7.5°   | 2585.6 | 2572.7 | 2559.7 | 2533.9 | 2559.7 | 2572.7 | 2585.6 | 2605.0 | 2637.3 | 2689.0 | 2747.2 |
| 10°    | 2517.8 | 2520.9 | 2540.3 | 2537.1 | 2540.3 | 2520.9 | 2517.8 | 2511.3 | 2501.5 | 2511.3 | 2546.8 |
| 12.5°  | 2692.2 | 2721.4 | 2827.9 | 2821.5 | 2827.9 | 2721.4 | 2692.2 | 2562.9 | 2475.7 | 2459.5 | 2466.0 |
| 15°    | 2892.6 | 2902.3 | 2925.0 | 2928.2 | 2925.0 | 2902.3 | 2892.6 | 2840.9 | 2579.2 | 2466.0 | 2430.5 |
| 17.5°  | 2912.0 | 2915.2 | 2931.4 | 2931.4 | 2931.4 | 2915.2 | 2912.0 | 2889.4 | 2802.2 | 2650.2 | 2449.9 |
| 20°    | 2895.8 | 2902.3 | 2934.6 | 2941.1 | 2934.6 | 2902.3 | 2895.8 | 2866.8 | 2818.3 | 2763.4 | 2611.4 |
| 22.5°  | 2889.4 | 2902.3 | 2928.2 | 2925.0 | 2928.2 | 2902.3 | 2889.4 | 2844.2 | 2802.2 | 2763.4 | 2702.0 |
| 25°    | 2857.1 | 2857.1 | 2860.3 | 2863.6 | 2860.3 | 2857.1 | 2857.1 | 2821.5 | 2737.5 | 2727.8 | 2692.2 |
| 27.5°  | 2789.2 | 2795.7 | 2815.1 | 2811.8 | 2815.1 | 2795.7 | 2789.2 | 2776.3 | 2685.7 | 2676.1 | 2650.2 |
| 30°    | 2727.8 | 2721.4 | 2705.1 | 2692.2 | 2705.1 | 2721.4 | 2727.8 | 2708.4 | 2617.9 | 2592.1 | 2598.6 |
| 32.5°  | 2624.3 | 2608.2 | 2592.1 | 2582.3 | 2592.1 | 2608.2 | 2624.3 | 2617.9 | 2550.0 | 2514.5 | 2520.9 |
| 35°    | 2501.5 | 2504.8 | 2501.5 | 2491.9 | 2501.5 | 2504.8 | 2501.5 | 2508.0 | 2466.0 | 2433.7 | 2430.5 |
| 37.5°  | 2414.3 | 2420.7 | 2417.5 | 2404.6 | 2417.5 | 2420.7 | 2414.3 | 2407.8 | 2349.7 | 2339.9 | 2346.4 |
| 40°    | 2323.8 | 2327.0 | 2323.8 | 2314.1 | 2323.8 | 2327.0 | 2323.8 | 2310.9 | 2230.1 | 2233.3 | 2255.9 |
| 42.5°  | 2236.5 | 2233.3 | 2223.6 | 2217.1 | 2223.6 | 2233.3 | 2236.5 | 2217.1 | 2113.7 | 2104.1 | 2146.1 |
| 45°    | 2136.3 | 2139.6 | 2120.2 | 2110.5 | 2120.2 | 2139.6 | 2136.3 | 2123.4 | 2016.8 | 1990.9 | 2020.0 |
| 47.5°  | 2036.2 | 2036.2 | 2020.0 | 2010.3 | 2020.0 | 2036.2 | 2036.2 | 2020.0 | 1906.8 | 1881.0 | 1897.2 |
| 50°    | 1929.5 | 1926.2 | 1903.6 | 1900.4 | 1903.6 | 1926.2 | 1929.5 | 1919.8 | 1800.2 | 1777.6 | 1777.6 |
| 52.5°  | 1806.7 | 1806.7 | 1809.9 | 1816.4 | 1809.9 | 1806.7 | 1806.7 | 1809.9 | 1703.2 | 1680.6 | 1674.2 |
| 55°    | 1700.0 | 1703.2 | 1725.9 | 1732.4 | 1725.9 | 1703.2 | 1700.0 | 1700.0 | 1603.1 | 1580.4 | 1567.5 |
| 57.5°  | 1590.2 | 1590.2 | 1606.3 | 1606.3 | 1606.3 | 1590.2 | 1590.2 | 1583.7 | 1490.0 | 1470.5 | 1464.1 |
| 60°    | 1464.1 | 1470.5 | 1483.5 | 1480.2 | 1483.5 | 1470.5 | 1464.1 | 1457.6 | 1376.8 | 1363.9 | 1341.3 |
| 62.5°  | 1331.6 | 1338.1 | 1341.3 | 1334.8 | 1341.3 | 1338.1 | 1331.6 | 1312.2 | 1263.8 | 1254.0 | 1224.9 |
| 65°    | 1192.6 | 1199.1 | 1202.3 | 1195.9 | 1202.3 | 1199.1 | 1192.6 | 1182.9 | 1147.3 | 1131.2 | 1105.3 |
| 67.5°  | 1050.4 | 1047.2 | 1043.9 | 1056.9 | 1043.9 | 1047.2 | 1050.4 | 1037.5 | 1014.9 | 1001.9 | 966.4  |
| 70°    | 905.0  | 905.0  | 901.7  | 908.2  | 901.7  | 905.0  | 905.0  | 895.2  | 882.3  | 872.7  | 840.3  |
| 72.5°  | 749.9  | 746.6  | 759.5  | 749.9  | 759.5  | 746.6  | 749.9  | 746.6  | 740.1  | 730.4  | 698.1  |
| 75°    | 597.9  | 604.4  | 597.9  | 607.6  | 597.9  | 604.4  | 597.9  | 601.2  | 597.9  | 591.4  | 568.8  |
| 77.5°  | 455.7  | 462.2  | 455.7  | 455.7  | 455.7  | 462.2  | 455.7  | 459.0  | 459.0  | 459.0  | 439.6  |
| 80°    | 323.2  | 319.9  | 319.9  | 316.8  | 319.9  | 319.9  | 323.2  | 323.2  | 326.4  | 319.9  | 313.5  |
| 82.5°  | 206.9  | 203.6  | 203.6  | 210.1  | 203.6  | 203.6  | 206.9  | 210.1  | 203.6  | 203.6  | 203.6  |
| 85°    | 113.1  | 116.3  | 109.9  | 109.9  | 109.9  | 116.3  | 113.1  | 106.7  | 113.1  | 113.1  | 109.9  |
| 87.5°  | 42.0   | 38.8   | 38.8   | 38.8   | 38.8   | 38.8   | 42.0   | 45.3   | 45.3   | 45.3   | 48.5   |
| 90°    | 7.3    | 7.3    | 7.3    | 7.3    | 7.3    | 7.3    | 7.3    | 9.6    | 12.9   | 14.5   | 12.5   |
| 92.5°  | 36.4   | 35.0   | 29.1   | 23.3   | 29.1   | 35.0   | 36.4   | 51.6   | 71.7   | 81.8   | 71.9   |
| 95°    | 123.4  | 119.0  | 101.5  | 83.9   | 101.5  | 119.0  | 123.4  | 162.1  | 213.5  | 239.3  | 202.1  |
| 97.5°  | 284.9  | 276.6  | 243.1  | 209.8  | 243.1  | 276.6  | 284.9  | 309.3  | 341.9  | 358.1  | 296.0  |
| 100°   | 400.0  | 390.1  | 350.4  | 310.7  | 350.4  | 390.1  | 400.0  | 398.2  | 395.8  | 394.6  | 325.8  |
| 102.5° | 498.3  | 489.8  | 455.8  | 421.8  | 455.8  | 489.8  | 498.3  | 467.2  | 425.7  | 405.0  | 335.2  |
| 105°   | 613.1  | 608.5  | 590.3  | 571.9  | 590.3  | 608.5  | 613.1  | 543.4  | 450.4  | 403.9  | 336.3  |
| 107.5° | 672.8  | 673.9  | 678.3  | 682.7  | 678.3  | 673.9  | 672.8  | 575.5  | 445.7  | 380.9  | 321.3  |
| 110°   | 688.1  | 692.9  | 711.9  | 731.0  | 711.9  | 692.9  | 688.1  | 579.3  | 434.2  | 361.8  | 308.0  |



TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 260°  | 270°  | 280°  | 290°  | 292.5° | 300°  | 310°  | 315°  | 320°  |
|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 112.5° | 678.3  | 685.7 | 714.9 | 744.1 | 714.9 | 685.7 | 678.3  | 567.0 | 418.6 | 344.4 | 296.4 |
| 115°   | 645.3  | 655.4 | 696.0 | 736.5 | 696.0 | 655.4 | 645.3  | 538.0 | 395.0 | 323.5 | 283.2 |
| 117.5° | 599.5  | 610.8 | 655.8 | 700.8 | 655.8 | 610.8 | 599.5  | 502.7 | 373.7 | 309.1 | 274.8 |
| 120°   | 568.7  | 579.6 | 623.3 | 667.1 | 623.3 | 579.6 | 568.7  | 480.3 | 362.3 | 303.4 | 272.1 |
| 122.5° | 538.0  | 548.7 | 591.8 | 634.9 | 591.8 | 548.7 | 538.0  | 458.3 | 352.1 | 299.0 | 270.6 |
| 125°   | 497.2  | 507.1 | 546.8 | 586.6 | 546.8 | 507.1 | 497.2  | 429.6 | 339.3 | 294.2 | 269.4 |
| 127.5° | 464.5  | 472.9 | 506.3 | 539.9 | 506.3 | 472.9 | 464.5  | 406.4 | 329.0 | 290.2 | 268.6 |
| 130°   | 443.8  | 451.5 | 482.5 | 513.4 | 482.5 | 451.5 | 443.8  | 392.1 | 323.2 | 288.7 | 269.1 |
| 132.5° | 426.2  | 433.2 | 460.9 | 488.6 | 460.9 | 433.2 | 426.2  | 379.9 | 318.2 | 287.4 | 269.4 |
| 135°   | 401.4  | 407.3 | 431.2 | 455.1 | 431.2 | 407.3 | 401.4  | 362.6 | 310.9 | 285.1 | 269.1 |
| 137.5° | 383.0  | 387.8 | 407.4 | 427.0 | 407.4 | 387.8 | 383.0  | 350.2 | 306.6 | 284.7 | 270.7 |
| 140°   | 368.2  | 372.8 | 391.1 | 409.4 | 391.1 | 372.8 | 368.2  | 340.0 | 302.3 | 283.3 | 271.0 |
| 142.5° | 357.9  | 361.8 | 377.6 | 393.3 | 377.6 | 361.8 | 357.9  | 333.1 | 300.0 | 283.3 | 272.1 |
| 145°   | 342.5  | 345.4 | 357.4 | 369.2 | 357.4 | 345.4 | 342.5  | 322.1 | 295.0 | 281.4 | 272.1 |
| 147.5° | 329.4  | 331.9 | 341.7 | 351.6 | 341.7 | 331.9 | 329.4  | 313.4 | 292.1 | 281.4 | 273.9 |
| 150°   | 321.9  | 323.9 | 332.0 | 340.0 | 332.0 | 323.9 | 321.9  | 308.5 | 290.4 | 281.4 | 274.8 |
| 152.5° | 316.0  | 317.5 | 323.6 | 329.6 | 323.6 | 317.5 | 316.0  | 304.5 | 289.1 | 281.4 | 275.5 |
| 155°   | 308.9  | 309.9 | 313.9 | 317.9 | 313.9 | 309.9 | 308.9  | 299.8 | 287.6 | 281.4 | 277.0 |
| 157.5° | 302.8  | 303.5 | 306.4 | 309.1 | 306.4 | 303.5 | 302.8  | 295.7 | 286.2 | 281.4 | 278.3 |
| 160°   | 299.8  | 300.2 | 301.8 | 303.4 | 301.8 | 300.2 | 299.8  | 293.7 | 285.5 | 281.4 | 279.0 |
| 162.5° | 296.9  | 297.3 | 298.8 | 300.3 | 298.8 | 297.3 | 296.9  | 291.8 | 284.9 | 281.4 | 279.6 |
| 165°   | 292.5  | 292.9 | 294.5 | 296.1 | 294.5 | 292.9 | 292.5  | 288.8 | 283.9 | 281.4 | 280.7 |
| 167.5° | 290.6  | 290.8 | 291.5 | 292.1 | 291.5 | 290.8 | 290.6  | 288.2 | 285.0 | 283.3 | 282.7 |
| 170°   | 290.6  | 290.6 | 290.6 | 290.6 | 290.6 | 290.6 | 290.6  | 288.2 | 285.0 | 283.3 | 283.3 |
| 172.5° | 289.1  | 288.9 | 288.3 | 287.7 | 288.3 | 288.9 | 289.1  | 287.2 | 284.6 | 283.3 | 283.3 |
| 175°   | 287.0  | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0  | 285.7 | 284.1 | 283.3 | 283.7 |
| 177.5° | 286.6  | 286.4 | 285.7 | 285.1 | 285.7 | 286.4 | 286.6  | 285.6 | 284.4 | 283.7 | 284.0 |
| 180°   | 285.1  | 285.1 | 285.1 | 285.1 | 285.1 | 285.1 | 285.1  | 285.1 | 285.1 | 285.1 | 285.1 |



TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 3416.2 | 3416.2 | 3416.2 | 3416.2 | 3416.2 |
| 2.5°   | 3374.2 | 3390.3 | 3400.1 | 3413.0 | 3445.3 |
| 5°     | 3244.9 | 3306.3 | 3325.7 | 3374.2 | 3432.4 |
| 7.5°   | 2960.5 | 3148.0 | 3199.6 | 3316.0 | 3406.5 |
| 10°    | 2685.7 | 2873.2 | 2963.7 | 3238.4 | 3374.2 |
| 12.5°  | 2546.8 | 2656.7 | 2718.1 | 3102.7 | 3328.9 |
| 15°    | 2459.5 | 2537.1 | 2582.3 | 2921.7 | 3277.3 |
| 17.5°  | 2391.7 | 2446.6 | 2478.9 | 2744.0 | 3206.1 |
| 20°    | 2349.7 | 2375.5 | 2404.6 | 2614.7 | 3125.3 |
| 22.5°  | 2320.6 | 2304.4 | 2327.0 | 2524.2 | 3015.4 |
| 25°    | 2301.2 | 2239.8 | 2265.6 | 2453.1 | 2886.2 |
| 27.5°  | 2317.3 | 2181.6 | 2191.2 | 2388.5 | 2750.4 |
| 30°    | 2320.6 | 2110.5 | 2113.7 | 2320.6 | 2598.6 |
| 32.5°  | 2297.9 | 2036.2 | 2039.4 | 2236.5 | 2427.2 |
| 35°    | 2243.0 | 1948.9 | 1945.6 | 2139.6 | 2194.5 |
| 37.5°  | 2168.6 | 1855.2 | 1855.2 | 2032.9 | 1939.2 |
| 40°    | 2078.2 | 1761.4 | 1771.1 | 1894.0 | 1713.0 |
| 42.5°  | 1968.3 | 1661.2 | 1674.2 | 1709.7 | 1544.9 |
| 45°    | 1848.7 | 1564.3 | 1573.9 | 1444.7 | 1415.6 |
| 47.5°  | 1716.2 | 1464.1 | 1467.4 | 1199.1 | 1373.6 |
| 50°    | 1557.8 | 1360.7 | 1347.7 | 1027.8 | 1370.3 |
| 52.5°  | 1418.8 | 1247.5 | 1208.7 | 930.8  | 1244.3 |
| 55°    | 1283.1 | 1128.0 | 1043.9 | 856.4  | 1153.8 |
| 57.5°  | 1163.5 | 972.9  | 892.1  | 769.3  | 1134.4 |
| 60°    | 1053.7 | 820.9  | 759.5  | 675.5  | 1040.7 |
| 62.5°  | 963.1  | 707.8  | 694.9  | 610.8  | 943.7  |
| 65°    | 866.2  | 630.2  | 627.0  | 555.9  | 801.5  |
| 67.5°  | 772.4  | 578.5  | 575.3  | 504.1  | 610.8  |
| 70°    | 672.2  | 523.6  | 517.1  | 449.2  | 452.5  |
| 72.5°  | 568.8  | 462.2  | 455.7  | 404.0  | 374.9  |
| 75°    | 465.4  | 391.1  | 387.8  | 352.3  | 303.8  |
| 77.5°  | 365.2  | 310.3  | 316.8  | 284.4  | 223.0  |
| 80°    | 261.8  | 226.2  | 232.7  | 203.6  | 168.1  |
| 82.5°  | 174.6  | 148.7  | 155.1  | 129.3  | 113.1  |
| 85°    | 96.9   | 84.0   | 87.3   | 67.9   | 51.7   |
| 87.5°  | 45.3   | 38.8   | 38.8   | 25.9   | 16.1   |
| 90°    | 8.4    | 5.3    | 5.0    | 3.4    | 1.9    |
| 92.5°  | 52.0   | 37.0   | 33.7   | 20.6   | 7.6    |
| 95°    | 127.7  | 71.9   | 66.0   | 42.1   | 18.3   |
| 97.5°  | 172.0  | 79.0   | 73.7   | 52.8   | 31.8   |
| 100°   | 188.1  | 84.9   | 80.1   | 61.1   | 42.1   |
| 102.5° | 195.6  | 90.8   | 86.4   | 68.7   | 50.9   |
| 105°   | 201.1  | 99.7   | 96.0   | 80.9   | 65.8   |
| 107.5° | 202.1  | 112.7  | 109.2  | 95.1   | 81.1   |
| 110°   | 200.5  | 119.9  | 116.8  | 104.1  | 91.5   |



TEST NUMBER: P934204

CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 337.5° | 340°  | 350°  | 360°  |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 200.6 | 128.7  | 125.7 | 113.6 | 101.6 |
| 115°   | 202.5 | 141.9  | 139.1 | 128.0 | 116.9 |
| 117.5° | 206.3 | 154.8  | 152.2 | 142.1 | 132.0 |
| 120°   | 209.3 | 162.3  | 159.9 | 150.3 | 140.8 |
| 122.5° | 213.7 | 171.0  | 168.7 | 159.0 | 149.4 |
| 125°   | 219.6 | 182.3  | 180.1 | 171.4 | 162.6 |
| 127.5° | 225.6 | 193.2  | 191.0 | 182.1 | 173.3 |
| 130°   | 229.9 | 200.5  | 198.1 | 188.6 | 179.1 |
| 132.5° | 233.4 | 206.4  | 204.0 | 194.5 | 185.0 |
| 135°   | 237.2 | 213.3  | 211.2 | 202.5 | 193.8 |
| 137.5° | 243.0 | 222.1  | 219.9 | 211.3 | 202.7 |
| 140°   | 246.5 | 228.1  | 226.0 | 218.1 | 210.2 |
| 142.5° | 249.4 | 232.4  | 230.6 | 223.3 | 216.0 |
| 145°   | 253.3 | 239.1  | 237.5 | 231.2 | 224.8 |
| 147.5° | 258.8 | 247.5  | 246.0 | 239.8 | 233.6 |
| 150°   | 261.8 | 251.9  | 250.5 | 245.0 | 239.3 |
| 152.5° | 263.7 | 254.8  | 253.7 | 249.4 | 245.2 |
| 155°   | 267.9 | 261.1  | 260.3 | 257.2 | 254.0 |
| 157.5° | 272.1 | 267.4  | 266.6 | 263.6 | 260.5 |
| 160°   | 274.0 | 270.3  | 269.7 | 267.3 | 264.9 |
| 162.5° | 276.0 | 273.3  | 272.8 | 271.1 | 269.3 |
| 165°   | 279.1 | 277.8  | 277.4 | 275.8 | 274.2 |
| 167.5° | 281.3 | 280.3  | 280.1 | 279.3 | 278.6 |
| 170°   | 283.3 | 283.2  | 283.0 | 282.2 | 281.4 |
| 172.5° | 283.3 | 283.3  | 283.3 | 283.2 | 283.0 |
| 175°   | 284.5 | 285.1  | 285.1 | 285.1 | 285.1 |
| 177.5° | 284.6 | 285.1  | 285.1 | 285.1 | 285.1 |
| 180°   | 285.1 | 285.1  | 285.1 | 285.1 | 285.1 |



TEST NUMBER: P934204  
 CATALOG NUMBER: SQ4-FA-025U-125D-B40-1D-UNV-STD-W-8

**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 | 17.02            | 18.28 | 17.63 | 18.90 | 19.61 | 19.86          | 21.12 | 20.47 | 21.74 | 22.45 |
|                 | 3H   | 17.52            | 18.66 | 18.15 | 19.29 | 20.04 | 21.23          | 22.37 | 21.86 | 23.00 | 23.75 |
|                 | 4H   | 17.73            | 18.80 | 18.38 | 19.45 | 20.21 | 21.70          | 22.76 | 22.34 | 23.41 | 24.17 |
|                 | 6H   | 17.87            | 18.86 | 18.53 | 19.52 | 20.29 | 22.00          | 22.99 | 22.67 | 23.65 | 24.42 |
|                 | 8H   | 17.88            | 18.82 | 18.56 | 19.50 | 20.28 | 22.09          | 23.03 | 22.76 | 23.71 | 24.49 |
|                 | 12H  | 17.87            | 18.77 | 18.55 | 19.44 | 20.25 | 22.14          | 23.04 | 22.82 | 23.71 | 24.52 |
| 4H              | 2H   | 18.10            | 19.17 | 18.75 | 19.81 | 20.58 | 20.31          | 21.38 | 20.96 | 22.03 | 22.79 |
|                 | 3H   | 19.16            | 20.05 | 19.83 | 20.74 | 21.52 | 21.86          | 22.75 | 22.52 | 23.43 | 24.21 |
|                 | 4H   | 19.46            | 20.26 | 20.14 | 20.95 | 21.76 | 22.40          | 23.21 | 23.08 | 23.90 | 24.71 |
|                 | 6H   | 19.60            | 20.30 | 20.30 | 21.02 | 21.84 | 22.79          | 23.49 | 23.49 | 24.21 | 25.03 |
|                 | 8H   | 19.62            | 20.27 | 20.32 | 20.99 | 21.82 | 22.91          | 23.56 | 23.61 | 24.28 | 25.11 |
|                 | 12H  | 19.60            | 20.19 | 20.33 | 20.93 | 21.77 | 22.99          | 23.57 | 23.71 | 24.31 | 25.15 |
| 8H              | 4H   | 19.94            | 20.60 | 20.65 | 21.31 | 22.14 | 22.56          | 23.21 | 23.26 | 23.93 | 24.76 |
|                 | 6H   | 20.22            | 20.76 | 20.96 | 21.52 | 22.35 | 23.01          | 23.56 | 23.75 | 24.31 | 25.15 |
|                 | 8H   | 20.27            | 20.75 | 21.02 | 21.51 | 22.36 | 23.17          | 23.65 | 23.92 | 24.41 | 25.26 |
|                 | 12H  | 20.27            | 20.69 | 21.02 | 21.44 | 22.36 | 23.29          | 23.71 | 24.04 | 24.46 | 25.38 |
| 12H             | 4H   | 19.97            | 20.55 | 20.69 | 21.29 | 22.13 | 22.54          | 23.13 | 23.27 | 23.87 | 24.71 |
|                 | 6H   | 20.28            | 20.77 | 21.03 | 21.53 | 22.38 | 23.01          | 23.50 | 23.76 | 24.26 | 25.11 |
|                 | 8H   | 20.37            | 20.80 | 21.12 | 21.54 | 22.46 | 23.19          | 23.62 | 23.94 | 24.37 | 25.28 |