

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: P934968

Luminaire Tested: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934968
REPORT IS A COMBINATION OF REPORTS P933720 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

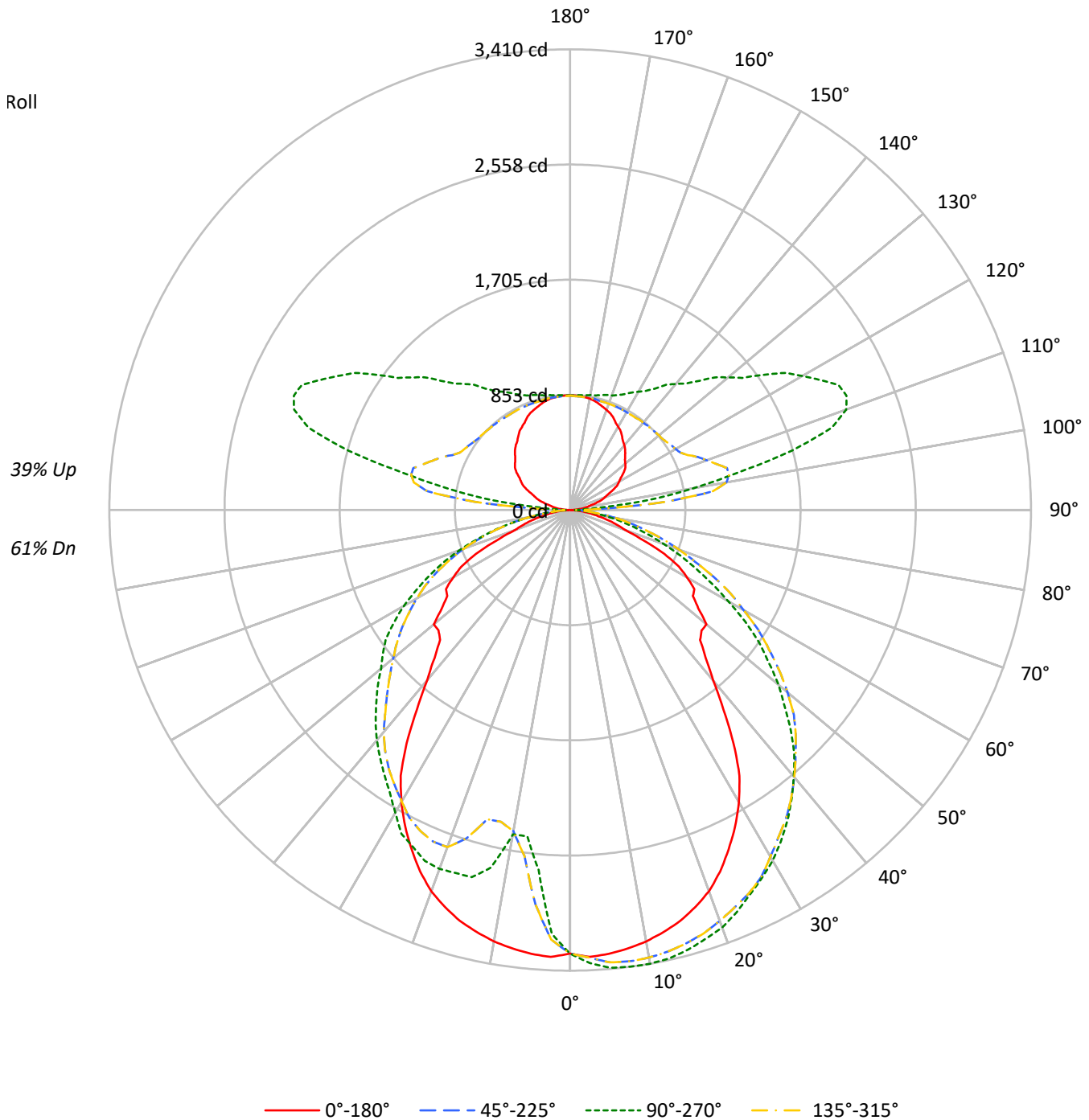
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14010.5 lumens
Efficiency: N/A
Efficacy: 113.0 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): 124
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: P934968
CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 89 | 89 | 89 | 77 | 77 | 77 | 66 | 66 | 66 | 61 |
| 1 | 100 | 96 | 92 | 88 | 94 | 90 | 86 | 83 | 79 | 76 | 74 | 68 | 66 | 65 | 59 | 57 | 56 | 51 |
| 2 | 91 | 84 | 78 | 72 | 85 | 79 | 73 | 68 | 69 | 65 | 61 | 60 | 57 | 54 | 52 | 49 | 47 | 43 |
| 3 | 83 | 74 | 66 | 60 | 78 | 69 | 63 | 57 | 61 | 56 | 51 | 53 | 49 | 46 | 46 | 43 | 40 | 36 |
| 4 | 76 | 65 | 57 | 51 | 71 | 61 | 54 | 49 | 54 | 48 | 44 | 47 | 43 | 39 | 41 | 37 | 35 | 31 |
| 5 | 70 | 58 | 50 | 44 | 65 | 55 | 47 | 42 | 48 | 42 | 38 | 42 | 38 | 34 | 37 | 33 | 30 | 27 |
| 6 | 65 | 52 | 44 | 38 | 60 | 49 | 42 | 36 | 44 | 37 | 33 | 38 | 33 | 30 | 33 | 29 | 26 | 24 |
| 7 | 60 | 47 | 39 | 33 | 56 | 45 | 37 | 32 | 39 | 33 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 21 |
| 8 | 55 | 43 | 35 | 29 | 52 | 40 | 33 | 28 | 36 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 19 |
| 9 | 52 | 39 | 31 | 26 | 48 | 37 | 30 | 25 | 33 | 27 | 23 | 29 | 24 | 21 | 26 | 22 | 19 | 17 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 27 | 23 | 30 | 25 | 21 | 27 | 22 | 19 | 24 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 15231 | 15231 | 15231 | 15231 |
| 5° | 15345 | 15375 | 15345 | 12089 |
| 10° | 15242 | 15145 | 15242 | 10828 |
| 15° | 15076 | 14817 | 15076 | 12372 |
| 20° | 14761 | 14428 | 14761 | 12398 |
| 25° | 14116 | 13861 | 14116 | 12135 |
| 30° | 13282 | 13390 | 13282 | 11559 |
| 35° | 11840 | 12795 | 11840 | 10925 |
| 40° | 9866 | 12094 | 9866 | 10446 |
| 45° | 8815 | 11274 | 8815 | 9895 |
| 50° | 9365 | 10295 | 9365 | 9342 |
| 55° | 8812 | 9241 | 8812 | 9022 |
| 60° | 9083 | 7849 | 9083 | 8263 |
| 65° | 8235 | 6488 | 8235 | 7252 |
| 70° | 5702 | 5170 | 5702 | 6079 |
| 75° | 4999 | 3822 | 4999 | 4576 |
| 80° | 4029 | 2527 | 4029 | 2752 |
| 85° | 2310 | 1339 | 2310 | 1138 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13511 cd/sqm



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 296.3 | 2.1 |
| 10°-20° | 841.4 | 6.0 |
| 20°-30° | 1300.6 | 9.3 |
| 30°-40° | 1552.6 | 11.1 |
| 40°-50° | 1561.7 | 11.1 |
| 50°-60° | 1358.9 | 9.7 |
| 60°-70° | 963.5 | 6.9 |
| 70°-80° | 509.7 | 3.6 |
| 80°-90° | 130.2 | 0.9 |
| 90°-100° | 413.2 | 2.9 |
| 100°-110° | 1086.4 | 7.8 |
| 110°-120° | 1126.5 | 8.0 |
| 120°-130° | 903.6 | 6.4 |
| 130°-140° | 709.0 | 5.1 |
| 140°-150° | 544.2 | 3.9 |
| 150°-160° | 391.9 | 2.8 |
| 160°-170° | 239.8 | 1.7 |
| 170°-180° | 81.0 | 0.6 |
| 0°-30° | 2438.3 | 17.4 |
| 0°-40° | 3990.9 | 28.5 |
| 0°-60° | 6911.5 | 49.3 |
| 0°-90° | 8514.9 | 60.8 |
| 90°-120° | 2626.1 | 18.7 |
| 90°-150° | 4782.9 | 34.1 |
| 90°-180° | 5496.0 | 39.2 |
| 0°-180° | 14010.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3283 | 3283 | 3283 | 3283 | 3283 | |
| 5° | 3298 | 3401 | 3298 | 2674 | 3298 | 313 |
| 15° | 3149 | 3370 | 3149 | 2814 | 3149 | 886 |
| 25° | 2774 | 3143 | 2774 | 2752 | 2774 | 1273 |
| 35° | 2109 | 2804 | 2109 | 2394 | 2109 | 1305 |
| 45° | 1360 | 2311 | 1360 | 2028 | 1360 | 1090 |
| 55° | 1109 | 1705 | 1109 | 1665 | 1109 | 1019 |
| 65° | 770 | 1028 | 770 | 1149 | 770 | 736 |
| 75° | 292 | 488 | 292 | 584 | 292 | 307 |
| 85° | 50 | 124 | 50 | 106 | 50 | 67 |
| 90° | 6 | 22 | 6 | 22 | 6 | 7 |
| 95° | 55 | 250 | 55 | 250 | 55 | 61 |
| 105° | 196 | 1701 | 196 | 1701 | 196 | 207 |
| 115° | 348 | 2190 | 348 | 2190 | 348 | 343 |
| 125° | 484 | 1744 | 484 | 1744 | 484 | 429 |
| 135° | 576 | 1354 | 576 | 1354 | 576 | 446 |
| 145° | 668 | 1098 | 668 | 1098 | 668 | 419 |
| 155° | 756 | 946 | 756 | 946 | 756 | 347 |
| 165° | 815 | 881 | 815 | 881 | 815 | 230 |
| 175° | 848 | 854 | 848 | 854 | 848 | 80 |
| 180° | 848 | 848 | 848 | 848 | 848 | |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 |
| 2.5° | 3310.7 | 3310.7 | 3329.3 | 3335.5 | 3335.5 | 3326.3 | 3316.9 | 3326.3 | 3354.2 | 3363.5 | 3360.4 |
| 5° | 3298.3 | 3323.2 | 3357.3 | 3363.5 | 3369.7 | 3366.7 | 3360.4 | 3366.7 | 3397.7 | 3403.9 | 3407.0 |
| 7.5° | 3273.4 | 3320.0 | 3363.5 | 3372.8 | 3382.2 | 3372.8 | 3369.7 | 3375.9 | 3407.0 | 3413.2 | 3413.2 |
| 10° | 3242.4 | 3307.6 | 3357.3 | 3363.5 | 3372.8 | 3363.5 | 3363.5 | 3375.9 | 3407.0 | 3413.2 | 3416.3 |
| 12.5° | 3198.9 | 3288.9 | 3335.5 | 3341.8 | 3354.2 | 3351.1 | 3348.0 | 3360.4 | 3391.4 | 3397.7 | 3397.7 |
| 15° | 3149.3 | 3254.8 | 3298.3 | 3304.5 | 3326.3 | 3320.0 | 3320.0 | 3332.4 | 3366.7 | 3375.9 | 3372.8 |
| 17.5° | 3080.9 | 3211.3 | 3261.0 | 3270.3 | 3285.9 | 3282.8 | 3285.9 | 3298.3 | 3329.3 | 3335.5 | 3338.7 |
| 20° | 3003.2 | 3152.3 | 3211.3 | 3220.7 | 3236.2 | 3236.2 | 3236.2 | 3251.7 | 3282.8 | 3295.2 | 3295.2 |
| 22.5° | 2897.6 | 3090.2 | 3152.3 | 3158.5 | 3177.2 | 3177.2 | 3183.4 | 3205.1 | 3233.0 | 3236.2 | 3236.2 |
| 25° | 2773.5 | 3021.9 | 3074.6 | 3093.3 | 3111.9 | 3121.3 | 3130.6 | 3143.0 | 3152.3 | 3149.3 | 3152.3 |
| 27.5° | 2643.0 | 2934.9 | 3003.2 | 3015.6 | 3040.5 | 3049.9 | 3062.3 | 3065.4 | 3068.5 | 3077.8 | 3071.5 |
| 30° | 2497.0 | 2813.8 | 2916.3 | 2928.7 | 2969.1 | 2975.3 | 2962.9 | 2969.1 | 2984.6 | 2990.9 | 2997.0 |
| 32.5° | 2332.4 | 2633.7 | 2826.2 | 2854.2 | 2891.5 | 2872.8 | 2869.7 | 2879.0 | 2903.9 | 2903.9 | 2910.1 |
| 35° | 2108.8 | 2493.9 | 2742.3 | 2767.2 | 2795.1 | 2773.5 | 2785.8 | 2789.0 | 2804.5 | 2813.8 | 2810.7 |
| 37.5° | 1863.5 | 2372.8 | 2655.4 | 2674.1 | 2695.8 | 2667.8 | 2686.5 | 2695.8 | 2708.2 | 2702.0 | 2702.0 |
| 40° | 1646.1 | 2183.3 | 2552.9 | 2565.3 | 2584.0 | 2562.2 | 2580.8 | 2587.1 | 2593.3 | 2587.1 | 2584.0 |
| 42.5° | 1484.6 | 1975.2 | 2444.2 | 2459.7 | 2447.3 | 2462.8 | 2469.1 | 2481.4 | 2472.2 | 2459.7 | 2459.7 |
| 45° | 1360.3 | 1919.4 | 2326.2 | 2344.8 | 2326.2 | 2351.0 | 2360.4 | 2360.4 | 2332.4 | 2326.2 | 2323.1 |
| 47.5° | 1319.9 | 1807.5 | 2208.2 | 2208.2 | 2198.9 | 2229.9 | 2245.4 | 2223.7 | 2195.8 | 2186.4 | 2186.4 |
| 50° | 1316.8 | 1683.3 | 2046.6 | 2034.3 | 2077.8 | 2115.0 | 2099.5 | 2077.8 | 2056.0 | 2021.9 | 2021.9 |
| 52.5° | 1195.7 | 1531.1 | 1838.6 | 1885.2 | 1953.5 | 1975.2 | 1950.4 | 1928.6 | 1891.4 | 1875.9 | 1863.5 |
| 55° | 1108.8 | 1372.8 | 1649.2 | 1742.3 | 1813.7 | 1841.7 | 1795.1 | 1773.4 | 1717.5 | 1708.2 | 1702.0 |
| 57.5° | 1090.1 | 1142.9 | 1475.2 | 1593.2 | 1680.2 | 1677.1 | 1649.2 | 1608.8 | 1562.2 | 1552.8 | 1549.8 |
| 60° | 1000.0 | 826.1 | 1288.9 | 1428.7 | 1518.7 | 1509.4 | 1484.6 | 1447.3 | 1403.8 | 1397.6 | 1391.4 |
| 62.5° | 906.9 | 599.4 | 1077.6 | 1236.0 | 1363.4 | 1360.3 | 1338.5 | 1282.7 | 1251.6 | 1236.0 | 1223.7 |
| 65° | 770.2 | 503.2 | 767.1 | 1028.0 | 1211.3 | 1217.4 | 1170.9 | 1130.5 | 1096.3 | 1077.6 | 1074.6 |
| 67.5° | 587.0 | 409.9 | 518.7 | 857.2 | 1065.3 | 1059.0 | 1000.0 | 981.4 | 938.0 | 928.6 | 910.0 |
| 70° | 434.8 | 273.3 | 360.3 | 695.7 | 922.4 | 906.9 | 860.2 | 838.6 | 798.2 | 776.5 | 764.0 |
| 72.5° | 360.3 | 220.5 | 264.0 | 540.4 | 776.5 | 757.8 | 717.5 | 692.6 | 658.4 | 639.8 | 627.3 |
| 75° | 291.9 | 232.9 | 201.9 | 400.7 | 630.5 | 618.1 | 580.8 | 555.9 | 527.9 | 503.2 | 506.2 |
| 77.5° | 214.3 | 217.4 | 161.5 | 295.0 | 500.1 | 481.4 | 459.7 | 428.6 | 416.2 | 391.3 | 391.3 |
| 80° | 161.5 | 170.8 | 121.1 | 201.9 | 360.3 | 360.3 | 341.7 | 319.9 | 298.2 | 285.8 | 285.8 |
| 82.5° | 108.7 | 108.7 | 90.0 | 127.4 | 245.4 | 236.0 | 223.6 | 217.4 | 205.0 | 198.8 | 198.8 |
| 85° | 49.6 | 62.1 | 55.9 | 77.6 | 133.5 | 139.8 | 139.8 | 133.5 | 130.4 | 124.3 | 127.4 |
| 87.5° | 15.5 | 28.0 | 34.1 | 43.5 | 68.4 | 71.4 | 74.5 | 74.5 | 74.5 | 77.6 | 77.6 |
| 90° | 5.7 | 10.3 | 14.9 | 16.0 | 25.1 | 37.2 | 43.2 | 38.5 | 28.8 | 21.7 | 21.7 |
| 92.5° | 22.8 | 61.5 | 100.2 | 109.8 | 154.4 | 213.8 | 243.6 | 213.5 | 153.3 | 108.1 | 103.8 |
| 95° | 54.6 | 125.4 | 196.2 | 213.9 | 379.8 | 601.1 | 711.8 | 635.1 | 481.9 | 367.0 | 354.0 |
| 97.5° | 94.4 | 156.9 | 219.4 | 235.0 | 511.7 | 880.6 | 1065.1 | 1016.6 | 919.8 | 847.2 | 822.4 |
| 100° | 125.2 | 181.8 | 238.5 | 252.6 | 559.7 | 969.1 | 1173.7 | 1177.3 | 1184.4 | 1189.7 | 1160.2 |
| 102.5° | 151.3 | 204.2 | 257.0 | 270.3 | 581.6 | 996.9 | 1204.5 | 1266.1 | 1389.6 | 1482.2 | 1456.8 |
| 105° | 195.7 | 240.5 | 285.2 | 296.4 | 598.0 | 1000.0 | 1201.1 | 1339.4 | 1616.0 | 1823.5 | 1809.9 |
| 107.5° | 241.3 | 283.0 | 324.7 | 335.1 | 601.0 | 955.5 | 1132.8 | 1325.7 | 1711.6 | 2001.0 | 2004.3 |
| 110° | 272.0 | 309.6 | 347.3 | 356.7 | 596.4 | 916.0 | 1075.9 | 1291.6 | 1723.0 | 2046.6 | 2060.7 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 302.1 | 338.0 | 373.9 | 382.9 | 596.6 | 881.6 | 1024.1 | 1244.9 | 1686.4 | 2017.6 | 2039.3 |
| 115° | 347.6 | 380.8 | 413.9 | 422.1 | 602.1 | 842.1 | 962.1 | 1174.7 | 1600.1 | 1919.1 | 1949.3 |
| 117.5° | 392.6 | 422.7 | 452.8 | 460.3 | 613.4 | 817.4 | 919.4 | 1111.3 | 1495.2 | 1783.1 | 1816.5 |
| 120° | 418.7 | 447.0 | 475.4 | 482.4 | 622.4 | 809.0 | 902.4 | 1077.7 | 1428.5 | 1691.5 | 1724.0 |
| 122.5° | 444.3 | 473.0 | 501.5 | 508.7 | 635.5 | 804.6 | 889.2 | 1047.2 | 1363.1 | 1599.9 | 1631.9 |
| 125° | 483.6 | 509.7 | 535.7 | 542.2 | 653.1 | 801.1 | 875.0 | 1009.2 | 1277.4 | 1478.7 | 1508.2 |
| 127.5° | 515.5 | 541.8 | 568.1 | 574.7 | 670.8 | 799.0 | 863.1 | 978.3 | 1208.6 | 1381.4 | 1406.3 |
| 130° | 532.5 | 560.8 | 589.2 | 596.2 | 683.7 | 800.3 | 858.6 | 961.1 | 1166.2 | 1320.0 | 1343.0 |
| 132.5° | 550.2 | 578.5 | 606.9 | 613.9 | 694.1 | 801.1 | 854.6 | 946.3 | 1130.0 | 1267.6 | 1288.3 |
| 135° | 576.3 | 602.1 | 628.0 | 634.4 | 705.5 | 800.3 | 847.8 | 924.7 | 1078.4 | 1193.6 | 1211.4 |
| 137.5° | 603.1 | 628.6 | 654.1 | 660.6 | 722.6 | 805.3 | 846.6 | 911.5 | 1041.6 | 1139.0 | 1153.5 |
| 140° | 625.3 | 648.8 | 672.3 | 678.2 | 733.0 | 806.1 | 842.6 | 898.8 | 1011.0 | 1095.3 | 1108.9 |
| 142.5° | 642.4 | 664.1 | 685.9 | 691.3 | 741.8 | 809.0 | 842.6 | 891.9 | 990.6 | 1064.5 | 1076.2 |
| 145° | 668.5 | 687.5 | 706.4 | 711.2 | 753.2 | 809.0 | 836.9 | 877.3 | 958.0 | 1018.5 | 1027.3 |
| 147.5° | 694.7 | 713.1 | 731.7 | 736.3 | 769.9 | 814.5 | 836.9 | 868.7 | 932.1 | 979.7 | 987.1 |
| 150° | 711.8 | 728.5 | 745.2 | 749.3 | 778.5 | 817.5 | 836.9 | 863.7 | 917.3 | 957.5 | 963.5 |
| 152.5° | 729.4 | 742.0 | 754.7 | 757.8 | 784.2 | 819.3 | 836.9 | 859.8 | 905.6 | 939.9 | 944.4 |
| 155° | 755.5 | 764.9 | 774.3 | 776.6 | 796.7 | 823.5 | 836.9 | 855.1 | 891.5 | 918.9 | 921.8 |
| 157.5° | 774.9 | 784.0 | 793.1 | 795.4 | 809.2 | 827.7 | 836.9 | 851.1 | 879.4 | 900.6 | 902.7 |
| 160° | 788.0 | 795.1 | 802.2 | 803.9 | 814.9 | 829.6 | 836.9 | 849.1 | 873.4 | 891.5 | 892.7 |
| 162.5° | 801.1 | 806.4 | 811.7 | 813.1 | 821.1 | 831.6 | 836.9 | 847.2 | 867.7 | 883.0 | 884.1 |
| 165° | 815.3 | 820.1 | 824.9 | 826.1 | 829.7 | 834.6 | 836.9 | 844.3 | 859.0 | 870.0 | 871.2 |
| 167.5° | 828.4 | 830.7 | 833.0 | 833.5 | 836.6 | 840.6 | 842.6 | 847.4 | 857.0 | 864.3 | 864.7 |
| 170° | 836.9 | 839.2 | 841.5 | 842.1 | 842.3 | 842.5 | 842.6 | 847.4 | 857.0 | 864.3 | 864.3 |
| 172.5° | 841.5 | 842.0 | 842.5 | 842.6 | 842.6 | 842.6 | 842.6 | 846.4 | 854.0 | 859.7 | 859.2 |
| 175° | 847.8 | 847.8 | 847.8 | 847.8 | 846.0 | 843.7 | 842.6 | 845.0 | 849.9 | 853.5 | 853.5 |
| 177.5° | 847.8 | 847.8 | 847.8 | 847.8 | 846.4 | 844.6 | 843.7 | 845.7 | 849.4 | 852.3 | 851.8 |
| 180° | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 |
| 2.5° | 3366.7 | 3357.3 | 3366.7 | 3360.4 | 3363.5 | 3354.2 | 3326.3 | 3316.9 | 3326.3 | 3335.5 | 3335.5 |
| 5° | 3407.0 | 3400.8 | 3407.0 | 3407.0 | 3403.9 | 3397.7 | 3366.7 | 3360.4 | 3366.7 | 3369.7 | 3363.5 |
| 7.5° | 3419.4 | 3410.1 | 3419.4 | 3413.2 | 3413.2 | 3407.0 | 3375.9 | 3369.7 | 3372.8 | 3382.2 | 3372.8 |
| 10° | 3419.4 | 3410.1 | 3419.4 | 3416.3 | 3413.2 | 3407.0 | 3375.9 | 3363.5 | 3363.5 | 3372.8 | 3363.5 |
| 12.5° | 3403.9 | 3397.7 | 3403.9 | 3397.7 | 3397.7 | 3391.4 | 3360.4 | 3348.0 | 3351.1 | 3354.2 | 3341.8 |
| 15° | 3379.0 | 3369.7 | 3379.0 | 3372.8 | 3375.9 | 3366.7 | 3332.4 | 3320.0 | 3320.0 | 3326.3 | 3304.5 |
| 17.5° | 3341.8 | 3329.3 | 3341.8 | 3338.7 | 3335.5 | 3329.3 | 3298.3 | 3285.9 | 3282.8 | 3285.9 | 3270.3 |
| 20° | 3298.3 | 3288.9 | 3298.3 | 3295.2 | 3295.2 | 3282.8 | 3251.7 | 3236.2 | 3236.2 | 3236.2 | 3220.7 |
| 22.5° | 3229.9 | 3220.7 | 3229.9 | 3236.2 | 3236.2 | 3233.0 | 3205.1 | 3183.4 | 3177.2 | 3177.2 | 3158.5 |
| 25° | 3152.3 | 3143.0 | 3152.3 | 3152.3 | 3149.3 | 3152.3 | 3143.0 | 3130.6 | 3121.3 | 3111.9 | 3093.3 |
| 27.5° | 3077.8 | 3071.5 | 3077.8 | 3071.5 | 3077.8 | 3068.5 | 3065.4 | 3062.3 | 3049.9 | 3040.5 | 3015.6 |
| 30° | 3003.2 | 2997.0 | 3003.2 | 2997.0 | 2990.9 | 2984.6 | 2969.1 | 2962.9 | 2975.3 | 2969.1 | 2928.7 |
| 32.5° | 2910.1 | 2903.9 | 2910.1 | 2910.1 | 2903.9 | 2903.9 | 2879.0 | 2869.7 | 2872.8 | 2891.5 | 2854.2 |
| 35° | 2813.8 | 2804.5 | 2813.8 | 2810.7 | 2813.8 | 2804.5 | 2789.0 | 2785.8 | 2773.5 | 2795.1 | 2767.2 |
| 37.5° | 2702.0 | 2692.7 | 2702.0 | 2702.0 | 2702.0 | 2708.2 | 2695.8 | 2686.5 | 2667.8 | 2695.8 | 2674.1 |
| 40° | 2587.1 | 2574.7 | 2587.1 | 2584.0 | 2587.1 | 2593.3 | 2587.1 | 2580.8 | 2562.2 | 2584.0 | 2565.3 |
| 42.5° | 2456.7 | 2453.5 | 2456.7 | 2459.7 | 2459.7 | 2472.2 | 2481.4 | 2469.1 | 2462.8 | 2447.3 | 2459.7 |
| 45° | 2316.9 | 2310.7 | 2316.9 | 2323.1 | 2326.2 | 2332.4 | 2360.4 | 2360.4 | 2351.0 | 2326.2 | 2344.8 |
| 47.5° | 2167.8 | 2152.3 | 2167.8 | 2186.4 | 2186.4 | 2195.8 | 2223.7 | 2245.4 | 2229.9 | 2198.9 | 2208.2 |
| 50° | 2009.4 | 2012.5 | 2009.4 | 2021.9 | 2021.9 | 2056.0 | 2077.8 | 2099.5 | 2115.0 | 2077.8 | 2034.3 |
| 52.5° | 1854.1 | 1851.0 | 1854.1 | 1863.5 | 1875.9 | 1891.4 | 1928.6 | 1950.4 | 1975.2 | 1953.5 | 1885.2 |
| 55° | 1698.8 | 1705.1 | 1698.8 | 1702.0 | 1708.2 | 1717.5 | 1773.4 | 1795.1 | 1841.7 | 1813.7 | 1742.3 |
| 57.5° | 1543.6 | 1534.2 | 1543.6 | 1549.8 | 1552.8 | 1562.2 | 1608.8 | 1649.2 | 1677.1 | 1680.2 | 1593.2 |
| 60° | 1363.4 | 1351.0 | 1363.4 | 1391.4 | 1397.6 | 1403.8 | 1447.3 | 1484.6 | 1509.4 | 1518.7 | 1428.7 |
| 62.5° | 1205.0 | 1183.3 | 1205.0 | 1223.7 | 1236.0 | 1251.6 | 1282.7 | 1338.5 | 1360.3 | 1363.4 | 1236.0 |
| 65° | 1037.3 | 1028.0 | 1037.3 | 1074.6 | 1077.6 | 1096.3 | 1130.5 | 1170.9 | 1217.4 | 1211.3 | 1028.0 |
| 67.5° | 885.1 | 885.1 | 885.1 | 910.0 | 928.6 | 938.0 | 981.4 | 1000.0 | 1059.0 | 1065.3 | 857.2 |
| 70° | 745.4 | 742.2 | 745.4 | 764.0 | 776.5 | 798.2 | 838.6 | 860.2 | 906.9 | 922.4 | 695.7 |
| 72.5° | 611.8 | 608.7 | 611.8 | 627.3 | 639.8 | 658.4 | 692.6 | 717.5 | 757.8 | 776.5 | 540.4 |
| 75° | 493.8 | 487.6 | 493.8 | 506.2 | 503.2 | 527.9 | 555.9 | 580.8 | 618.1 | 630.5 | 400.7 |
| 77.5° | 378.9 | 378.9 | 378.9 | 391.3 | 391.3 | 416.2 | 428.6 | 459.7 | 481.4 | 500.1 | 295.0 |
| 80° | 282.7 | 279.5 | 282.7 | 285.8 | 285.8 | 298.2 | 319.9 | 341.7 | 360.3 | 360.3 | 201.9 |
| 82.5° | 198.8 | 192.5 | 198.8 | 198.8 | 198.8 | 205.0 | 217.4 | 223.6 | 236.0 | 245.4 | 127.4 |
| 85° | 124.3 | 124.3 | 124.3 | 127.4 | 124.3 | 130.4 | 133.5 | 139.8 | 139.8 | 133.5 | 77.6 |
| 87.5° | 80.8 | 77.6 | 80.8 | 77.6 | 77.6 | 74.5 | 74.5 | 74.5 | 71.4 | 68.4 | 43.5 |
| 90° | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 28.8 | 38.5 | 43.2 | 37.2 | 25.1 | 16.0 |
| 92.5° | 86.6 | 69.4 | 86.6 | 103.8 | 108.1 | 153.3 | 213.5 | 243.6 | 213.8 | 154.4 | 109.8 |
| 95° | 301.9 | 249.8 | 301.9 | 354.0 | 367.0 | 481.9 | 635.1 | 711.8 | 601.1 | 379.8 | 213.9 |
| 97.5° | 723.2 | 624.1 | 723.2 | 822.4 | 847.2 | 919.8 | 1016.6 | 1065.1 | 880.6 | 511.7 | 235.0 |
| 100° | 1042.1 | 924.0 | 1042.1 | 1160.2 | 1189.7 | 1184.4 | 1177.3 | 1173.7 | 969.1 | 559.7 | 252.6 |
| 102.5° | 1355.7 | 1254.6 | 1355.7 | 1456.8 | 1482.2 | 1389.6 | 1266.1 | 1204.5 | 996.9 | 581.6 | 270.3 |
| 105° | 1755.5 | 1701.1 | 1755.5 | 1809.9 | 1823.5 | 1616.0 | 1339.4 | 1201.1 | 1000.0 | 598.0 | 296.4 |
| 107.5° | 2017.5 | 2030.6 | 2017.5 | 2004.3 | 2001.0 | 1711.6 | 1325.7 | 1132.8 | 955.5 | 601.0 | 335.1 |
| 110° | 2117.4 | 2174.0 | 2117.4 | 2060.7 | 2046.6 | 1723.0 | 1291.6 | 1075.9 | 916.0 | 596.4 | 356.7 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|
| 112.5° | 2126.2 | 2213.2 | 2126.2 | 2039.3 | 2017.6 | 1686.4 | 1244.9 | 1024.1 | 881.6 | 596.6 | 382.9 |
| 115° | 2069.9 | 2190.4 | 2069.9 | 1949.3 | 1919.1 | 1600.1 | 1174.7 | 962.1 | 842.1 | 602.1 | 422.1 |
| 117.5° | 1950.3 | 2084.1 | 1950.3 | 1816.5 | 1783.1 | 1495.2 | 1111.3 | 919.4 | 817.4 | 613.4 | 460.3 |
| 120° | 1854.0 | 1984.0 | 1854.0 | 1724.0 | 1691.5 | 1428.5 | 1077.7 | 902.4 | 809.0 | 622.4 | 482.4 |
| 122.5° | 1760.1 | 1888.3 | 1760.1 | 1631.9 | 1599.9 | 1363.1 | 1047.2 | 889.2 | 804.6 | 635.5 | 508.7 |
| 125° | 1626.3 | 1744.4 | 1626.3 | 1508.2 | 1478.7 | 1277.4 | 1009.2 | 875.0 | 801.1 | 653.1 | 542.2 |
| 127.5° | 1505.9 | 1605.6 | 1505.9 | 1406.3 | 1381.4 | 1208.6 | 978.3 | 863.1 | 799.0 | 670.8 | 574.7 |
| 130° | 1435.0 | 1527.0 | 1435.0 | 1343.0 | 1320.0 | 1166.2 | 961.1 | 858.6 | 800.3 | 683.7 | 596.2 |
| 132.5° | 1370.7 | 1453.1 | 1370.7 | 1288.3 | 1267.6 | 1130.0 | 946.3 | 854.6 | 801.1 | 694.1 | 613.9 |
| 135° | 1282.5 | 1353.5 | 1282.5 | 1211.4 | 1193.6 | 1078.4 | 924.7 | 847.8 | 800.3 | 705.5 | 634.4 |
| 137.5° | 1211.7 | 1269.9 | 1211.7 | 1153.5 | 1139.0 | 1041.6 | 911.5 | 846.6 | 805.3 | 722.6 | 660.6 |
| 140° | 1163.3 | 1217.6 | 1163.3 | 1108.9 | 1095.3 | 1011.0 | 898.8 | 842.6 | 806.1 | 733.0 | 678.2 |
| 142.5° | 1123.0 | 1169.8 | 1123.0 | 1076.2 | 1064.5 | 990.6 | 891.9 | 842.6 | 809.0 | 741.8 | 691.3 |
| 145° | 1062.7 | 1098.1 | 1062.7 | 1027.3 | 1018.5 | 958.0 | 877.3 | 836.9 | 809.0 | 753.2 | 711.2 |
| 147.5° | 1016.3 | 1045.7 | 1016.3 | 987.1 | 979.7 | 932.1 | 868.7 | 836.9 | 814.5 | 769.9 | 736.3 |
| 150° | 987.3 | 1011.0 | 987.3 | 963.5 | 957.5 | 917.3 | 863.7 | 836.9 | 817.5 | 778.5 | 749.3 |
| 152.5° | 962.3 | 980.3 | 962.3 | 944.4 | 939.9 | 905.6 | 859.8 | 836.9 | 819.3 | 784.2 | 757.8 |
| 155° | 933.8 | 945.6 | 933.8 | 921.8 | 918.9 | 891.5 | 855.1 | 836.9 | 823.5 | 796.7 | 776.6 |
| 157.5° | 911.1 | 919.4 | 911.1 | 902.7 | 900.6 | 879.4 | 851.1 | 836.9 | 827.7 | 809.2 | 795.4 |
| 160° | 897.6 | 902.4 | 897.6 | 892.7 | 891.5 | 873.4 | 849.1 | 836.9 | 829.6 | 814.9 | 803.9 |
| 162.5° | 888.7 | 893.3 | 888.7 | 884.1 | 883.0 | 867.7 | 847.2 | 836.9 | 831.6 | 821.1 | 813.1 |
| 165° | 875.9 | 880.7 | 875.9 | 871.2 | 870.0 | 859.0 | 844.3 | 836.9 | 834.6 | 829.7 | 826.1 |
| 167.5° | 866.8 | 868.8 | 866.8 | 864.7 | 864.3 | 857.0 | 847.4 | 842.6 | 840.6 | 836.6 | 833.5 |
| 170° | 864.3 | 864.3 | 864.3 | 864.3 | 864.3 | 857.0 | 847.4 | 842.6 | 842.5 | 842.3 | 842.1 |
| 172.5° | 857.5 | 855.8 | 857.5 | 859.2 | 859.7 | 854.0 | 846.4 | 842.6 | 842.6 | 842.6 | 842.6 |
| 175° | 853.5 | 853.5 | 853.5 | 853.5 | 853.5 | 849.9 | 845.0 | 842.6 | 843.7 | 846.0 | 847.8 |
| 177.5° | 849.8 | 847.8 | 849.8 | 851.8 | 852.3 | 849.4 | 845.7 | 843.7 | 844.6 | 846.4 | 847.8 |
| 180° | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 |
| 2.5° | 3329.3 | 3310.7 | 3310.7 | 3279.7 | 3267.3 | 3257.9 | 3242.4 | 3195.8 | 3183.4 | 3170.9 | 3189.6 |
| 5° | 3357.3 | 3323.2 | 3298.3 | 3242.4 | 3195.8 | 3177.2 | 3118.1 | 3006.4 | 2931.9 | 2875.9 | 2844.9 |
| 7.5° | 3363.5 | 3320.0 | 3273.4 | 3186.5 | 3074.6 | 3025.0 | 2844.9 | 2639.8 | 2584.0 | 2534.3 | 2503.2 |
| 10° | 3357.3 | 3307.6 | 3242.4 | 3111.9 | 2848.0 | 2761.0 | 2580.8 | 2447.3 | 2413.2 | 2403.8 | 2413.2 |
| 12.5° | 3335.5 | 3288.9 | 3198.9 | 2981.5 | 2611.9 | 2552.9 | 2447.3 | 2369.7 | 2363.4 | 2379.0 | 2462.8 |
| 15° | 3298.3 | 3254.8 | 3149.3 | 2807.6 | 2481.4 | 2438.0 | 2363.4 | 2335.5 | 2369.7 | 2478.4 | 2730.0 |
| 17.5° | 3261.0 | 3211.3 | 3080.9 | 2636.8 | 2382.1 | 2351.0 | 2298.3 | 2354.2 | 2546.7 | 2692.7 | 2776.5 |
| 20° | 3211.3 | 3152.3 | 3003.2 | 2512.6 | 2310.7 | 2282.7 | 2257.9 | 2509.4 | 2655.4 | 2708.2 | 2754.8 |
| 22.5° | 3152.3 | 3090.2 | 2897.6 | 2425.6 | 2236.1 | 2214.4 | 2229.9 | 2596.4 | 2655.4 | 2692.7 | 2733.1 |
| 25° | 3074.6 | 3021.9 | 2773.5 | 2357.3 | 2177.1 | 2152.3 | 2211.3 | 2587.1 | 2621.2 | 2630.6 | 2711.3 |
| 27.5° | 3003.2 | 2934.9 | 2643.0 | 2295.2 | 2105.7 | 2096.4 | 2226.8 | 2546.7 | 2571.6 | 2580.8 | 2667.8 |
| 30° | 2916.3 | 2813.8 | 2497.0 | 2229.9 | 2031.1 | 2028.0 | 2229.9 | 2497.0 | 2490.8 | 2515.7 | 2602.6 |
| 32.5° | 2826.2 | 2633.7 | 2332.4 | 2149.1 | 1959.7 | 1956.6 | 2208.2 | 2422.4 | 2416.3 | 2450.4 | 2515.7 |
| 35° | 2742.3 | 2493.9 | 2108.8 | 2056.0 | 1869.6 | 1872.7 | 2155.4 | 2335.5 | 2338.7 | 2369.7 | 2410.1 |
| 37.5° | 2655.4 | 2372.8 | 1863.5 | 1953.5 | 1782.7 | 1782.7 | 2083.9 | 2254.8 | 2248.5 | 2257.9 | 2313.8 |
| 40° | 2552.9 | 2183.3 | 1646.1 | 1820.0 | 1702.0 | 1692.6 | 1997.0 | 2167.8 | 2146.0 | 2143.0 | 2220.6 |
| 42.5° | 2444.2 | 1975.2 | 1484.6 | 1642.9 | 1608.8 | 1596.3 | 1891.4 | 2062.2 | 2021.9 | 2031.1 | 2130.5 |
| 45° | 2326.2 | 1919.4 | 1360.3 | 1388.3 | 1512.5 | 1503.2 | 1776.5 | 1941.1 | 1913.1 | 1938.0 | 2040.5 |
| 47.5° | 2208.2 | 1807.5 | 1319.9 | 1152.3 | 1410.0 | 1406.9 | 1649.2 | 1823.1 | 1807.5 | 1832.4 | 1941.1 |
| 50° | 2046.6 | 1683.3 | 1316.8 | 987.6 | 1295.1 | 1307.5 | 1496.9 | 1708.2 | 1708.2 | 1729.9 | 1844.8 |
| 52.5° | 1838.6 | 1531.1 | 1195.7 | 894.5 | 1161.5 | 1198.8 | 1363.4 | 1608.8 | 1615.0 | 1636.7 | 1739.2 |
| 55° | 1649.2 | 1372.8 | 1108.8 | 823.0 | 1003.1 | 1083.9 | 1233.0 | 1506.3 | 1518.7 | 1540.4 | 1633.6 |
| 57.5° | 1475.2 | 1142.9 | 1090.1 | 739.2 | 857.2 | 934.9 | 1118.0 | 1406.9 | 1413.1 | 1431.8 | 1521.8 |
| 60° | 1288.9 | 826.1 | 1000.0 | 649.1 | 729.8 | 788.9 | 1012.5 | 1288.9 | 1310.7 | 1323.0 | 1400.7 |
| 62.5° | 1077.6 | 599.4 | 906.9 | 587.0 | 667.7 | 680.2 | 925.5 | 1177.0 | 1205.0 | 1214.4 | 1260.9 |
| 65° | 767.1 | 503.2 | 770.2 | 534.2 | 602.5 | 605.6 | 832.3 | 1062.1 | 1087.0 | 1102.5 | 1136.7 |
| 67.5° | 518.7 | 409.9 | 587.0 | 484.5 | 552.8 | 555.9 | 742.2 | 928.6 | 962.8 | 975.2 | 997.0 |
| 70° | 360.3 | 273.3 | 434.8 | 431.7 | 496.9 | 503.2 | 646.0 | 807.5 | 838.6 | 847.9 | 860.2 |
| 72.5° | 264.0 | 220.5 | 360.3 | 388.2 | 437.9 | 444.2 | 546.6 | 670.8 | 701.9 | 711.2 | 717.5 |
| 75° | 201.9 | 232.9 | 291.9 | 338.5 | 372.7 | 375.8 | 447.2 | 546.6 | 568.3 | 574.6 | 577.7 |
| 77.5° | 161.5 | 217.4 | 214.3 | 273.3 | 304.4 | 298.2 | 350.9 | 422.4 | 441.0 | 441.0 | 441.0 |
| 80° | 121.1 | 170.8 | 161.5 | 195.7 | 223.6 | 217.4 | 251.5 | 301.3 | 307.4 | 313.7 | 310.5 |
| 82.5° | 90.0 | 108.7 | 108.7 | 124.3 | 149.0 | 142.9 | 167.8 | 195.7 | 195.7 | 195.7 | 201.9 |
| 85° | 55.9 | 62.1 | 49.6 | 65.2 | 83.9 | 80.8 | 93.1 | 105.6 | 108.7 | 108.7 | 102.5 |
| 87.5° | 34.1 | 28.0 | 15.5 | 24.9 | 37.3 | 37.3 | 43.5 | 46.6 | 43.5 | 43.5 | 43.5 |
| 90° | 14.9 | 10.3 | 5.7 | 10.3 | 14.9 | 16.0 | 25.1 | 37.2 | 43.2 | 38.5 | 28.8 |
| 92.5° | 100.2 | 61.5 | 22.8 | 61.5 | 100.2 | 109.8 | 154.4 | 213.8 | 243.6 | 213.5 | 153.3 |
| 95° | 196.2 | 125.4 | 54.6 | 125.4 | 196.2 | 213.9 | 379.8 | 601.1 | 711.8 | 635.1 | 481.9 |
| 97.5° | 219.4 | 156.9 | 94.4 | 156.9 | 219.4 | 235.0 | 511.7 | 880.6 | 1065.1 | 1016.6 | 919.8 |
| 100° | 238.5 | 181.8 | 125.2 | 181.8 | 238.5 | 252.6 | 559.7 | 969.1 | 1173.7 | 1177.3 | 1184.4 |
| 102.5° | 257.0 | 204.2 | 151.3 | 204.2 | 257.0 | 270.3 | 581.6 | 996.9 | 1204.5 | 1266.1 | 1389.6 |
| 105° | 285.2 | 240.5 | 195.7 | 240.5 | 285.2 | 296.4 | 598.0 | 1000.0 | 1201.1 | 1339.4 | 1616.0 |
| 107.5° | 324.7 | 283.0 | 241.3 | 283.0 | 324.7 | 335.1 | 601.0 | 955.5 | 1132.8 | 1325.7 | 1711.6 |
| 110° | 347.3 | 309.6 | 272.0 | 309.6 | 347.3 | 356.7 | 596.4 | 916.0 | 1075.9 | 1291.6 | 1723.0 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|--------|--------|--------|
| 112.5° | 373.9 | 338.0 | 302.1 | 338.0 | 373.9 | 382.9 | 596.6 | 881.6 | 1024.1 | 1244.9 | 1686.4 |
| 115° | 413.9 | 380.8 | 347.6 | 380.8 | 413.9 | 422.1 | 602.1 | 842.1 | 962.1 | 1174.7 | 1600.1 |
| 117.5° | 452.8 | 422.7 | 392.6 | 422.7 | 452.8 | 460.3 | 613.4 | 817.4 | 919.4 | 1111.3 | 1495.2 |
| 120° | 475.4 | 447.0 | 418.7 | 447.0 | 475.4 | 482.4 | 622.4 | 809.0 | 902.4 | 1077.7 | 1428.5 |
| 122.5° | 501.5 | 473.0 | 444.3 | 473.0 | 501.5 | 508.7 | 635.5 | 804.6 | 889.2 | 1047.2 | 1363.1 |
| 125° | 535.7 | 509.7 | 483.6 | 509.7 | 535.7 | 542.2 | 653.1 | 801.1 | 875.0 | 1009.2 | 1277.4 |
| 127.5° | 568.1 | 541.8 | 515.5 | 541.8 | 568.1 | 574.7 | 670.8 | 799.0 | 863.1 | 978.3 | 1208.6 |
| 130° | 589.2 | 560.8 | 532.5 | 560.8 | 589.2 | 596.2 | 683.7 | 800.3 | 858.6 | 961.1 | 1166.2 |
| 132.5° | 606.9 | 578.5 | 550.2 | 578.5 | 606.9 | 613.9 | 694.1 | 801.1 | 854.6 | 946.3 | 1130.0 |
| 135° | 628.0 | 602.1 | 576.3 | 602.1 | 628.0 | 634.4 | 705.5 | 800.3 | 847.8 | 924.7 | 1078.4 |
| 137.5° | 654.1 | 628.6 | 603.1 | 628.6 | 654.1 | 660.6 | 722.6 | 805.3 | 846.6 | 911.5 | 1041.6 |
| 140° | 672.3 | 648.8 | 625.3 | 648.8 | 672.3 | 678.2 | 733.0 | 806.1 | 842.6 | 898.8 | 1011.0 |
| 142.5° | 685.9 | 664.1 | 642.4 | 664.1 | 685.9 | 691.3 | 741.8 | 809.0 | 842.6 | 891.9 | 990.6 |
| 145° | 706.4 | 687.5 | 668.5 | 687.5 | 706.4 | 711.2 | 753.2 | 809.0 | 836.9 | 877.3 | 958.0 |
| 147.5° | 731.7 | 713.1 | 694.7 | 713.1 | 731.7 | 736.3 | 769.9 | 814.5 | 836.9 | 868.7 | 932.1 |
| 150° | 745.2 | 728.5 | 711.8 | 728.5 | 745.2 | 749.3 | 778.5 | 817.5 | 836.9 | 863.7 | 917.3 |
| 152.5° | 754.7 | 742.0 | 729.4 | 742.0 | 754.7 | 757.8 | 784.2 | 819.3 | 836.9 | 859.8 | 905.6 |
| 155° | 774.3 | 764.9 | 755.5 | 764.9 | 774.3 | 776.6 | 796.7 | 823.5 | 836.9 | 855.1 | 891.5 |
| 157.5° | 793.1 | 784.0 | 774.9 | 784.0 | 793.1 | 795.4 | 809.2 | 827.7 | 836.9 | 851.1 | 879.4 |
| 160° | 802.2 | 795.1 | 788.0 | 795.1 | 802.2 | 803.9 | 814.9 | 829.6 | 836.9 | 849.1 | 873.4 |
| 162.5° | 811.7 | 806.4 | 801.1 | 806.4 | 811.7 | 813.1 | 821.1 | 831.6 | 836.9 | 847.2 | 867.7 |
| 165° | 824.9 | 820.1 | 815.3 | 820.1 | 824.9 | 826.1 | 829.7 | 834.6 | 836.9 | 844.3 | 859.0 |
| 167.5° | 833.0 | 830.7 | 828.4 | 830.7 | 833.0 | 833.5 | 836.6 | 840.6 | 842.6 | 847.4 | 857.0 |
| 170° | 841.5 | 839.2 | 836.9 | 839.2 | 841.5 | 842.1 | 842.3 | 842.5 | 842.6 | 847.4 | 857.0 |
| 172.5° | 842.5 | 842.0 | 841.5 | 842.0 | 842.5 | 842.6 | 842.6 | 842.6 | 842.6 | 846.4 | 854.0 |
| 175° | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 846.0 | 843.7 | 842.6 | 845.0 | 849.9 |
| 177.5° | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 846.4 | 844.6 | 843.7 | 845.7 | 849.4 |
| 180° | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 |
| 2.5° | 3167.9 | 3158.5 | 3170.9 | 3136.8 | 3170.9 | 3158.5 | 3167.9 | 3189.6 | 3170.9 | 3183.4 | 3195.8 |
| 5° | 2779.6 | 2764.1 | 2714.5 | 2674.1 | 2714.5 | 2764.1 | 2779.6 | 2844.9 | 2875.9 | 2931.9 | 3006.4 |
| 7.5° | 2484.6 | 2472.2 | 2459.7 | 2434.9 | 2459.7 | 2472.2 | 2484.6 | 2503.2 | 2534.3 | 2584.0 | 2639.8 |
| 10° | 2419.4 | 2422.4 | 2441.1 | 2438.0 | 2441.1 | 2422.4 | 2419.4 | 2413.2 | 2403.8 | 2413.2 | 2447.3 |
| 12.5° | 2587.1 | 2615.1 | 2717.5 | 2711.3 | 2717.5 | 2615.1 | 2587.1 | 2462.8 | 2379.0 | 2363.4 | 2369.7 |
| 15° | 2779.6 | 2789.0 | 2810.7 | 2813.8 | 2810.7 | 2789.0 | 2779.6 | 2730.0 | 2478.4 | 2369.7 | 2335.5 |
| 17.5° | 2798.2 | 2801.4 | 2816.9 | 2816.9 | 2816.9 | 2801.4 | 2798.2 | 2776.5 | 2692.7 | 2546.7 | 2354.2 |
| 20° | 2782.7 | 2789.0 | 2820.0 | 2826.2 | 2820.0 | 2789.0 | 2782.7 | 2754.8 | 2708.2 | 2655.4 | 2509.4 |
| 22.5° | 2776.5 | 2789.0 | 2813.8 | 2810.7 | 2813.8 | 2789.0 | 2776.5 | 2733.1 | 2692.7 | 2655.4 | 2596.4 |
| 25° | 2745.5 | 2745.5 | 2748.6 | 2751.7 | 2748.6 | 2745.5 | 2745.5 | 2711.3 | 2630.6 | 2621.2 | 2587.1 |
| 27.5° | 2680.2 | 2686.5 | 2705.1 | 2702.0 | 2705.1 | 2686.5 | 2680.2 | 2667.8 | 2580.8 | 2571.6 | 2546.7 |
| 30° | 2621.2 | 2615.1 | 2599.5 | 2587.1 | 2599.5 | 2615.1 | 2621.2 | 2602.6 | 2515.7 | 2490.8 | 2497.0 |
| 32.5° | 2521.8 | 2506.3 | 2490.8 | 2481.4 | 2490.8 | 2506.3 | 2521.8 | 2515.7 | 2450.4 | 2416.3 | 2422.4 |
| 35° | 2403.8 | 2406.9 | 2403.8 | 2394.5 | 2403.8 | 2406.9 | 2403.8 | 2410.1 | 2369.7 | 2338.7 | 2335.5 |
| 37.5° | 2320.0 | 2326.2 | 2323.1 | 2310.7 | 2323.1 | 2326.2 | 2320.0 | 2313.8 | 2257.9 | 2248.5 | 2254.8 |
| 40° | 2233.0 | 2236.1 | 2233.0 | 2223.7 | 2233.0 | 2236.1 | 2233.0 | 2220.6 | 2143.0 | 2146.0 | 2167.8 |
| 42.5° | 2149.1 | 2146.0 | 2136.8 | 2130.5 | 2136.8 | 2146.0 | 2149.1 | 2130.5 | 2031.1 | 2021.9 | 2062.2 |
| 45° | 2052.9 | 2056.0 | 2037.4 | 2028.0 | 2037.4 | 2056.0 | 2052.9 | 2040.5 | 1938.0 | 1913.1 | 1941.1 |
| 47.5° | 1956.6 | 1956.6 | 1941.1 | 1931.7 | 1941.1 | 1956.6 | 1956.6 | 1941.1 | 1832.4 | 1807.5 | 1823.1 |
| 50° | 1854.1 | 1851.0 | 1829.2 | 1826.2 | 1829.2 | 1851.0 | 1854.1 | 1844.8 | 1729.9 | 1708.2 | 1708.2 |
| 52.5° | 1736.1 | 1736.1 | 1739.2 | 1745.5 | 1739.2 | 1736.1 | 1736.1 | 1739.2 | 1636.7 | 1615.0 | 1608.8 |
| 55° | 1633.6 | 1636.7 | 1658.5 | 1664.7 | 1658.5 | 1636.7 | 1633.6 | 1633.6 | 1540.4 | 1518.7 | 1506.3 |
| 57.5° | 1528.1 | 1528.1 | 1543.6 | 1543.6 | 1543.6 | 1528.1 | 1528.1 | 1521.8 | 1431.8 | 1413.1 | 1406.9 |
| 60° | 1406.9 | 1413.1 | 1425.5 | 1422.4 | 1425.5 | 1413.1 | 1406.9 | 1400.7 | 1323.0 | 1310.7 | 1288.9 |
| 62.5° | 1279.5 | 1285.8 | 1288.9 | 1282.7 | 1288.9 | 1285.8 | 1279.5 | 1260.9 | 1214.4 | 1205.0 | 1177.0 |
| 65° | 1146.0 | 1152.3 | 1155.4 | 1149.1 | 1155.4 | 1152.3 | 1146.0 | 1136.7 | 1102.5 | 1087.0 | 1062.1 |
| 67.5° | 1009.4 | 1006.3 | 1003.1 | 1015.6 | 1003.1 | 1006.3 | 1009.4 | 997.0 | 975.2 | 962.8 | 928.6 |
| 70° | 869.6 | 869.6 | 866.5 | 872.7 | 866.5 | 869.6 | 869.6 | 860.2 | 847.9 | 838.6 | 807.5 |
| 72.5° | 720.6 | 717.5 | 729.8 | 720.6 | 729.8 | 717.5 | 720.6 | 717.5 | 711.2 | 701.9 | 670.8 |
| 75° | 574.6 | 580.8 | 574.6 | 583.8 | 574.6 | 580.8 | 574.6 | 577.7 | 574.6 | 568.3 | 546.6 |
| 77.5° | 437.9 | 444.2 | 437.9 | 437.9 | 437.9 | 444.2 | 437.9 | 441.0 | 441.0 | 441.0 | 422.4 |
| 80° | 310.5 | 307.4 | 307.4 | 304.4 | 307.4 | 307.4 | 310.5 | 310.5 | 313.7 | 307.4 | 301.3 |
| 82.5° | 198.8 | 195.7 | 195.7 | 201.9 | 195.7 | 195.7 | 198.8 | 201.9 | 195.7 | 195.7 | 195.7 |
| 85° | 108.7 | 111.8 | 105.6 | 105.6 | 105.6 | 111.8 | 108.7 | 102.5 | 108.7 | 108.7 | 105.6 |
| 87.5° | 40.4 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 40.4 | 43.5 | 43.5 | 43.5 | 46.6 |
| 90° | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 28.8 | 38.5 | 43.2 | 37.2 |
| 92.5° | 108.1 | 103.8 | 86.6 | 69.4 | 86.6 | 103.8 | 108.1 | 153.3 | 213.5 | 243.6 | 213.8 |
| 95° | 367.0 | 354.0 | 301.9 | 249.8 | 301.9 | 354.0 | 367.0 | 481.9 | 635.1 | 711.8 | 601.1 |
| 97.5° | 847.2 | 822.4 | 723.2 | 624.1 | 723.2 | 822.4 | 847.2 | 919.8 | 1016.6 | 1065.1 | 880.6 |
| 100° | 1189.7 | 1160.2 | 1042.1 | 924.0 | 1042.1 | 1160.2 | 1189.7 | 1184.4 | 1177.3 | 1173.7 | 969.1 |
| 102.5° | 1482.2 | 1456.8 | 1355.7 | 1254.6 | 1355.7 | 1456.8 | 1482.2 | 1389.6 | 1266.1 | 1204.5 | 996.9 |
| 105° | 1823.5 | 1809.9 | 1755.5 | 1701.1 | 1755.5 | 1809.9 | 1823.5 | 1616.0 | 1339.4 | 1201.1 | 1000.0 |
| 107.5° | 2001.0 | 2004.3 | 2017.5 | 2030.6 | 2017.5 | 2004.3 | 2001.0 | 1711.6 | 1325.7 | 1132.8 | 955.5 |
| 110° | 2046.6 | 2060.7 | 2117.4 | 2174.0 | 2117.4 | 2060.7 | 2046.6 | 1723.0 | 1291.6 | 1075.9 | 916.0 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 2017.6 | 2039.3 | 2126.2 | 2213.2 | 2126.2 | 2039.3 | 2017.6 | 1686.4 | 1244.9 | 1024.1 | 881.6 |
| 115° | 1919.1 | 1949.3 | 2069.9 | 2190.4 | 2069.9 | 1949.3 | 1919.1 | 1600.1 | 1174.7 | 962.1 | 842.1 |
| 117.5° | 1783.1 | 1816.5 | 1950.3 | 2084.1 | 1950.3 | 1816.5 | 1783.1 | 1495.2 | 1111.3 | 919.4 | 817.4 |
| 120° | 1691.5 | 1724.0 | 1854.0 | 1984.0 | 1854.0 | 1724.0 | 1691.5 | 1428.5 | 1077.7 | 902.4 | 809.0 |
| 122.5° | 1599.9 | 1631.9 | 1760.1 | 1888.3 | 1760.1 | 1631.9 | 1599.9 | 1363.1 | 1047.2 | 889.2 | 804.6 |
| 125° | 1478.7 | 1508.2 | 1626.3 | 1744.4 | 1626.3 | 1508.2 | 1478.7 | 1277.4 | 1009.2 | 875.0 | 801.1 |
| 127.5° | 1381.4 | 1406.3 | 1505.9 | 1605.6 | 1505.9 | 1406.3 | 1381.4 | 1208.6 | 978.3 | 863.1 | 799.0 |
| 130° | 1320.0 | 1343.0 | 1435.0 | 1527.0 | 1435.0 | 1343.0 | 1320.0 | 1166.2 | 961.1 | 858.6 | 800.3 |
| 132.5° | 1267.6 | 1288.3 | 1370.7 | 1453.1 | 1370.7 | 1288.3 | 1267.6 | 1130.0 | 946.3 | 854.6 | 801.1 |
| 135° | 1193.6 | 1211.4 | 1282.5 | 1353.5 | 1282.5 | 1211.4 | 1193.6 | 1078.4 | 924.7 | 847.8 | 800.3 |
| 137.5° | 1139.0 | 1153.5 | 1211.7 | 1269.9 | 1211.7 | 1153.5 | 1139.0 | 1041.6 | 911.5 | 846.6 | 805.3 |
| 140° | 1095.3 | 1108.9 | 1163.3 | 1217.6 | 1163.3 | 1108.9 | 1095.3 | 1011.0 | 898.8 | 842.6 | 806.1 |
| 142.5° | 1064.5 | 1076.2 | 1123.0 | 1169.8 | 1123.0 | 1076.2 | 1064.5 | 990.6 | 891.9 | 842.6 | 809.0 |
| 145° | 1018.5 | 1027.3 | 1062.7 | 1098.1 | 1062.7 | 1027.3 | 1018.5 | 958.0 | 877.3 | 836.9 | 809.0 |
| 147.5° | 979.7 | 987.1 | 1016.3 | 1045.7 | 1016.3 | 987.1 | 979.7 | 932.1 | 868.7 | 836.9 | 814.5 |
| 150° | 957.5 | 963.5 | 987.3 | 1011.0 | 987.3 | 963.5 | 957.5 | 917.3 | 863.7 | 836.9 | 817.5 |
| 152.5° | 939.9 | 944.4 | 962.3 | 980.3 | 962.3 | 944.4 | 939.9 | 905.6 | 859.8 | 836.9 | 819.3 |
| 155° | 918.9 | 921.8 | 933.8 | 945.6 | 933.8 | 921.8 | 918.9 | 891.5 | 855.1 | 836.9 | 823.5 |
| 157.5° | 900.6 | 902.7 | 911.1 | 919.4 | 911.1 | 902.7 | 900.6 | 879.4 | 851.1 | 836.9 | 827.7 |
| 160° | 891.5 | 892.7 | 897.6 | 902.4 | 897.6 | 892.7 | 891.5 | 873.4 | 849.1 | 836.9 | 829.6 |
| 162.5° | 883.0 | 884.1 | 888.7 | 893.3 | 888.7 | 884.1 | 883.0 | 867.7 | 847.2 | 836.9 | 831.6 |
| 165° | 870.0 | 871.2 | 875.9 | 880.7 | 875.9 | 871.2 | 870.0 | 859.0 | 844.3 | 836.9 | 834.6 |
| 167.5° | 864.3 | 864.7 | 866.8 | 868.8 | 866.8 | 864.7 | 864.3 | 857.0 | 847.4 | 842.6 | 840.6 |
| 170° | 864.3 | 864.3 | 864.3 | 864.3 | 864.3 | 864.3 | 864.3 | 857.0 | 847.4 | 842.6 | 842.5 |
| 172.5° | 859.7 | 859.2 | 857.5 | 855.8 | 857.5 | 859.2 | 859.7 | 854.0 | 846.4 | 842.6 | 842.6 |
| 175° | 853.5 | 853.5 | 853.5 | 853.5 | 853.5 | 853.5 | 853.5 | 849.9 | 845.0 | 842.6 | 843.7 |
| 177.5° | 852.3 | 851.8 | 849.8 | 847.8 | 849.8 | 851.8 | 852.3 | 849.4 | 845.7 | 843.7 | 844.6 |
| 180° | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 3282.8 | 3282.8 | 3282.8 | 3282.8 | 3282.8 |
| 2.5° | 3242.4 | 3257.9 | 3267.3 | 3279.7 | 3310.7 |
| 5° | 3118.1 | 3177.2 | 3195.8 | 3242.4 | 3298.3 |
| 7.5° | 2844.9 | 3025.0 | 3074.6 | 3186.5 | 3273.4 |
| 10° | 2580.8 | 2761.0 | 2848.0 | 3111.9 | 3242.4 |
| 12.5° | 2447.3 | 2552.9 | 2611.9 | 2981.5 | 3198.9 |
| 15° | 2363.4 | 2438.0 | 2481.4 | 2807.6 | 3149.3 |
| 17.5° | 2298.3 | 2351.0 | 2382.1 | 2636.8 | 3080.9 |
| 20° | 2257.9 | 2282.7 | 2310.7 | 2512.6 | 3003.2 |
| 22.5° | 2229.9 | 2214.4 | 2236.1 | 2425.6 | 2897.6 |
| 25° | 2211.3 | 2152.3 | 2177.1 | 2357.3 | 2773.5 |
| 27.5° | 2226.8 | 2096.4 | 2105.7 | 2295.2 | 2643.0 |
| 30° | 2229.9 | 2028.0 | 2031.1 | 2229.9 | 2497.0 |
| 32.5° | 2208.2 | 1956.6 | 1959.7 | 2149.1 | 2332.4 |
| 35° | 2155.4 | 1872.7 | 1869.6 | 2056.0 | 2108.8 |
| 37.5° | 2083.9 | 1782.7 | 1782.7 | 1953.5 | 1863.5 |
| 40° | 1997.0 | 1692.6 | 1702.0 | 1820.0 | 1646.1 |
| 42.5° | 1891.4 | 1596.3 | 1608.8 | 1642.9 | 1484.6 |
| 45° | 1776.5 | 1503.2 | 1512.5 | 1388.3 | 1360.3 |
| 47.5° | 1649.2 | 1406.9 | 1410.0 | 1152.3 | 1319.9 |
| 50° | 1496.9 | 1307.5 | 1295.1 | 987.6 | 1316.8 |
| 52.5° | 1363.4 | 1198.8 | 1161.5 | 894.5 | 1195.7 |
| 55° | 1233.0 | 1083.9 | 1003.1 | 823.0 | 1108.8 |
| 57.5° | 1118.0 | 934.9 | 857.2 | 739.2 | 1090.1 |
| 60° | 1012.5 | 788.9 | 729.8 | 649.1 | 1000.0 |
| 62.5° | 925.5 | 680.2 | 667.7 | 587.0 | 906.9 |
| 65° | 832.3 | 605.6 | 602.5 | 534.2 | 770.2 |
| 67.5° | 742.2 | 555.9 | 552.8 | 484.5 | 587.0 |
| 70° | 646.0 | 503.2 | 496.9 | 431.7 | 434.8 |
| 72.5° | 546.6 | 444.2 | 437.9 | 388.2 | 360.3 |
| 75° | 447.2 | 375.8 | 372.7 | 338.5 | 291.9 |
| 77.5° | 350.9 | 298.2 | 304.4 | 273.3 | 214.3 |
| 80° | 251.5 | 217.4 | 223.6 | 195.7 | 161.5 |
| 82.5° | 167.8 | 142.9 | 149.0 | 124.3 | 108.7 |
| 85° | 93.1 | 80.8 | 83.9 | 65.2 | 49.6 |
| 87.5° | 43.5 | 37.3 | 37.3 | 24.9 | 15.5 |
| 90° | 25.1 | 16.0 | 14.9 | 10.3 | 5.7 |
| 92.5° | 154.4 | 109.8 | 100.2 | 61.5 | 22.8 |
| 95° | 379.8 | 213.9 | 196.2 | 125.4 | 54.6 |
| 97.5° | 511.7 | 235.0 | 219.4 | 156.9 | 94.4 |
| 100° | 559.7 | 252.6 | 238.5 | 181.8 | 125.2 |
| 102.5° | 581.6 | 270.3 | 257.0 | 204.2 | 151.3 |
| 105° | 598.0 | 296.4 | 285.2 | 240.5 | 195.7 |
| 107.5° | 601.0 | 335.1 | 324.7 | 283.0 | 241.3 |
| 110° | 596.4 | 356.7 | 347.3 | 309.6 | 272.0 |



TEST NUMBER: P934968

CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 596.6 | 382.9 | 373.9 | 338.0 | 302.1 |
| 115° | 602.1 | 422.1 | 413.9 | 380.8 | 347.6 |
| 117.5° | 613.4 | 460.3 | 452.8 | 422.7 | 392.6 |
| 120° | 622.4 | 482.4 | 475.4 | 447.0 | 418.7 |
| 122.5° | 635.5 | 508.7 | 501.5 | 473.0 | 444.3 |
| 125° | 653.1 | 542.2 | 535.7 | 509.7 | 483.6 |
| 127.5° | 670.8 | 574.7 | 568.1 | 541.8 | 515.5 |
| 130° | 683.7 | 596.2 | 589.2 | 560.8 | 532.5 |
| 132.5° | 694.1 | 613.9 | 606.9 | 578.5 | 550.2 |
| 135° | 705.5 | 634.4 | 628.0 | 602.1 | 576.3 |
| 137.5° | 722.6 | 660.6 | 654.1 | 628.6 | 603.1 |
| 140° | 733.0 | 678.2 | 672.3 | 648.8 | 625.3 |
| 142.5° | 741.8 | 691.3 | 685.9 | 664.1 | 642.4 |
| 145° | 753.2 | 711.2 | 706.4 | 687.5 | 668.5 |
| 147.5° | 769.9 | 736.3 | 731.7 | 713.1 | 694.7 |
| 150° | 778.5 | 749.3 | 745.2 | 728.5 | 711.8 |
| 152.5° | 784.2 | 757.8 | 754.7 | 742.0 | 729.4 |
| 155° | 796.7 | 776.6 | 774.3 | 764.9 | 755.5 |
| 157.5° | 809.2 | 795.4 | 793.1 | 784.0 | 774.9 |
| 160° | 814.9 | 803.9 | 802.2 | 795.1 | 788.0 |
| 162.5° | 821.1 | 813.1 | 811.7 | 806.4 | 801.1 |
| 165° | 829.7 | 826.1 | 824.9 | 820.1 | 815.3 |
| 167.5° | 836.6 | 833.5 | 833.0 | 830.7 | 828.4 |
| 170° | 842.3 | 842.1 | 841.5 | 839.2 | 836.9 |
| 172.5° | 842.6 | 842.6 | 842.5 | 842.0 | 841.5 |
| 175° | 846.0 | 847.8 | 847.8 | 847.8 | 847.8 |
| 177.5° | 846.4 | 847.8 | 847.8 | 847.8 | 847.8 |
| 180° | 847.8 | 847.8 | 847.8 | 847.8 | 847.8 |



TEST NUMBER: P934968
 CATALOG NUMBER: SQ4-FA-075U-125D-93050-1D-UNV-STD-W-8-5000K

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 15.21 | 16.18 | 16.07 | 17.06 | 18.16 | 18.05 | 19.01 | 18.90 | 19.89 | 21.00 |
| | 3H | 15.69 | 16.56 | 16.56 | 17.45 | 18.59 | 19.40 | 20.27 | 20.27 | 21.16 | 22.29 |
| | 4H | 15.89 | 16.71 | 16.78 | 17.60 | 18.75 | 19.85 | 20.67 | 20.74 | 21.57 | 22.71 |
| | 6H | 16.01 | 16.77 | 16.91 | 17.67 | 18.83 | 20.14 | 20.90 | 21.04 | 21.80 | 22.96 |
| | 8H | 16.02 | 16.74 | 16.92 | 17.66 | 18.82 | 20.22 | 20.94 | 21.13 | 21.86 | 23.02 |
| | 12H | 15.99 | 16.68 | 16.91 | 17.59 | 18.77 | 20.27 | 20.95 | 21.18 | 21.87 | 23.05 |
| 4H | 2H | 16.26 | 17.07 | 17.15 | 17.97 | 19.12 | 18.47 | 19.29 | 19.36 | 20.18 | 21.33 |
| | 3H | 17.29 | 17.98 | 18.20 | 18.90 | 20.06 | 19.99 | 20.67 | 20.89 | 21.60 | 22.76 |
| | 4H | 17.57 | 18.20 | 18.49 | 19.12 | 20.30 | 20.52 | 21.14 | 21.43 | 22.07 | 23.25 |
| | 6H | 17.70 | 18.24 | 18.63 | 19.19 | 20.38 | 20.89 | 21.43 | 21.82 | 22.38 | 23.56 |
| | 8H | 17.71 | 18.21 | 18.64 | 19.16 | 20.36 | 21.00 | 21.51 | 21.93 | 22.45 | 23.65 |
| | 12H | 17.68 | 18.14 | 18.64 | 19.10 | 20.30 | 21.07 | 21.52 | 22.02 | 22.48 | 23.68 |
| 8H | 4H | 18.04 | 18.54 | 18.97 | 19.48 | 20.68 | 20.65 | 21.15 | 21.58 | 22.10 | 23.30 |
| | 6H | 18.30 | 18.72 | 19.26 | 19.70 | 20.90 | 21.10 | 21.51 | 22.05 | 22.49 | 23.69 |
| | 8H | 18.35 | 18.71 | 19.31 | 19.69 | 20.90 | 21.25 | 21.62 | 22.22 | 22.59 | 23.81 |
| | 12H | 18.33 | 18.66 | 19.31 | 19.62 | 20.89 | 21.35 | 21.68 | 22.33 | 22.64 | 23.91 |
| 12H | 4H | 18.05 | 18.50 | 19.00 | 19.46 | 20.67 | 20.62 | 21.07 | 21.57 | 22.03 | 23.24 |
| | 6H | 18.36 | 18.73 | 19.33 | 19.71 | 20.92 | 21.09 | 21.46 | 22.06 | 22.43 | 23.65 |
| | 8H | 18.44 | 18.76 | 19.41 | 19.73 | 20.99 | 21.26 | 21.58 | 22.23 | 22.55 | 23.82 |