

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: P935490

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935490
REPORT IS A COMBINATION OF REPORTS P933755 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

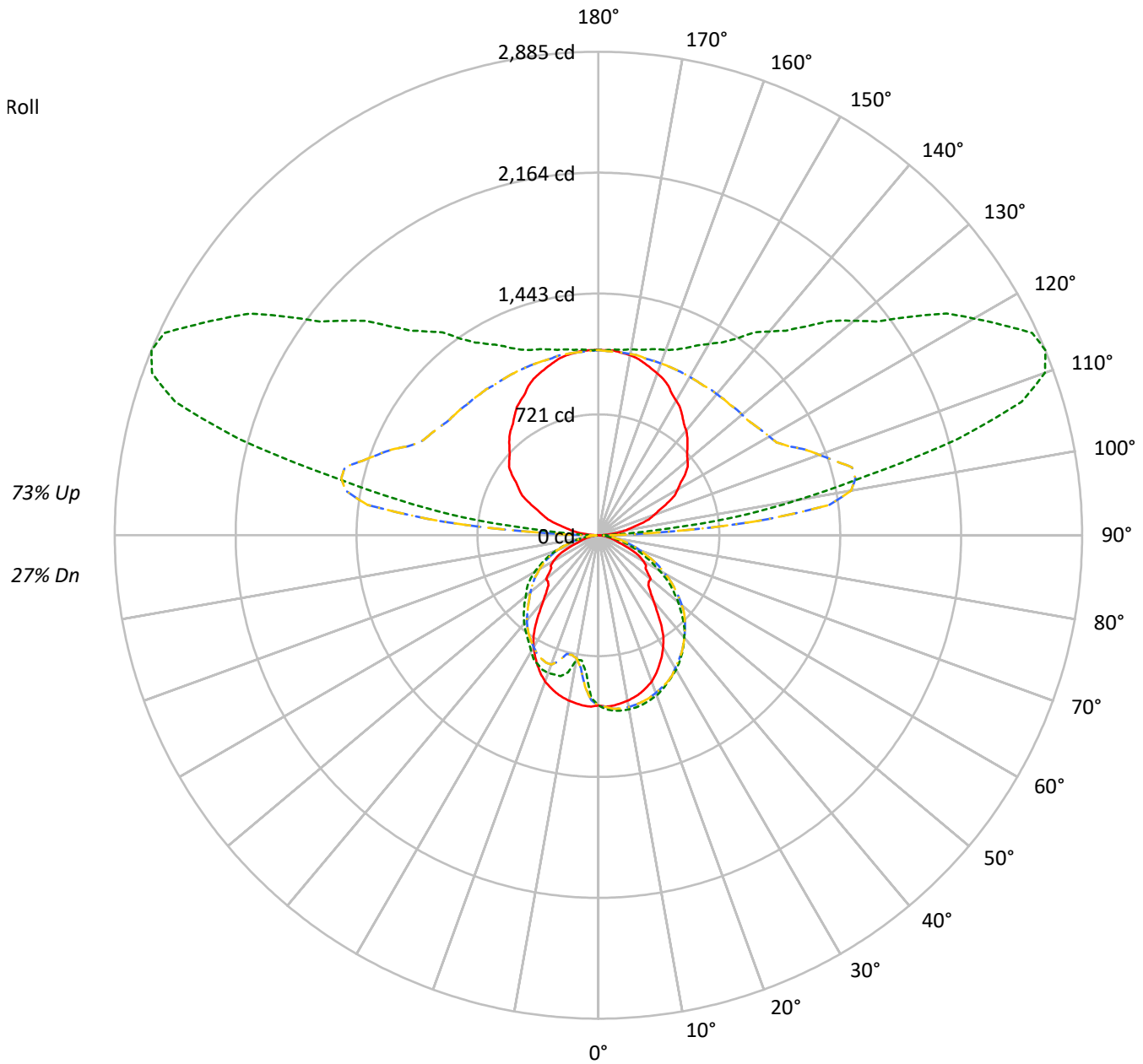
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9801.1 lumens
Efficiency: N/A
Efficacy: 137.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 71.4
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: P935490
CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 52 | 52 | 52 | 35 | 35 | 35 | 27 | | | 27 |
| 1 | 93 | 88 | 85 | 81 | 83 | 79 | 76 | 73 | 62 | 60 | 58 | 46 | 44 | 43 | 31 | 30 | 29 | 23 | | | 23 |
| 2 | 84 | 77 | 71 | 66 | 75 | 69 | 64 | 60 | 54 | 51 | 48 | 40 | 38 | 36 | 27 | 26 | 25 | 19 | | | 19 |
| 3 | 77 | 68 | 61 | 55 | 68 | 61 | 55 | 50 | 48 | 43 | 40 | 35 | 33 | 30 | 24 | 22 | 21 | 16 | | | 16 |
| 4 | 70 | 60 | 52 | 47 | 62 | 54 | 47 | 42 | 42 | 38 | 34 | 31 | 28 | 26 | 21 | 20 | 18 | 14 | | | 14 |
| 5 | 64 | 53 | 45 | 40 | 57 | 48 | 41 | 36 | 38 | 33 | 29 | 28 | 25 | 22 | 19 | 17 | 16 | 12 | | | 12 |
| 6 | 59 | 48 | 40 | 34 | 53 | 43 | 36 | 31 | 34 | 29 | 25 | 25 | 22 | 19 | 17 | 15 | 14 | 10 | | | 10 |
| 7 | 55 | 43 | 35 | 30 | 49 | 38 | 32 | 27 | 30 | 26 | 22 | 23 | 20 | 17 | 16 | 14 | 12 | 9 | | | 9 |
| 8 | 50 | 39 | 31 | 26 | 45 | 35 | 28 | 24 | 28 | 23 | 19 | 21 | 18 | 15 | 15 | 12 | 11 | 8 | | | 8 |
| 9 | 47 | 35 | 28 | 23 | 42 | 32 | 25 | 21 | 25 | 21 | 17 | 19 | 16 | 14 | 13 | 11 | 10 | 7 | | | 7 |
| 10 | 44 | 32 | 25 | 20 | 39 | 29 | 23 | 19 | 23 | 19 | 15 | 18 | 14 | 12 | 12 | 10 | 9 | 7 | | | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 6282 | 6282 | 6282 | 6282 |
| 5° | 6326 | 6341 | 6326 | 4986 |
| 10° | 6281 | 6247 | 6281 | 4466 |
| 15° | 6211 | 6111 | 6211 | 5103 |
| 20° | 6079 | 5951 | 6079 | 5113 |
| 25° | 5811 | 5717 | 5811 | 5005 |
| 30° | 5465 | 5523 | 5465 | 4768 |
| 35° | 4870 | 5277 | 4870 | 4506 |
| 40° | 4055 | 4989 | 4055 | 4308 |
| 45° | 3621 | 4649 | 3621 | 4081 |
| 50° | 3843 | 4247 | 3843 | 3853 |
| 55° | 3612 | 3811 | 3612 | 3721 |
| 60° | 3719 | 3237 | 3719 | 3408 |
| 65° | 3368 | 2676 | 3368 | 2992 |
| 70° | 2326 | 2132 | 2326 | 2508 |
| 75° | 2032 | 1576 | 2032 | 1888 |
| 80° | 1624 | 1041 | 1624 | 1135 |
| 85° | 918 | 552 | 918 | 470 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5554 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 91.7 | 0.9 |
| 10°-20° | 260.3 | 2.7 |
| 20°-30° | 402.3 | 4.1 |
| 30°-40° | 480.3 | 4.9 |
| 40°-50° | 483.1 | 4.9 |
| 50°-60° | 420.3 | 4.3 |
| 60°-70° | 298.0 | 3.0 |
| 70°-80° | 157.7 | 1.6 |
| 80°-90° | 43.5 | 0.4 |
| 90°-100° | 538.7 | 5.5 |
| 100°-110° | 1416.2 | 14.4 |
| 110°-120° | 1468.5 | 15.0 |
| 120°-130° | 1177.9 | 12.0 |
| 130°-140° | 924.2 | 9.4 |
| 140°-150° | 709.4 | 7.2 |
| 150°-160° | 510.9 | 5.2 |
| 160°-170° | 312.6 | 3.2 |
| 170°-180° | 105.6 | 1.1 |
| 0°-30° | 754.2 | 7.7 |
| 0°-40° | 1234.5 | 12.6 |
| 0°-60° | 2137.9 | 21.8 |
| 0°-90° | 2637.1 | 26.9 |
| 90°-120° | 3423.4 | 34.9 |
| 90°-150° | 6234.9 | 63.6 |
| 90°-180° | 7164.0 | 73.1 |
| 0°-180° | 9801.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1016 | 1016 | 1016 | 1016 | 1016 | |
| 5° | 1020 | 1052 | 1020 | 827 | 1020 | 97 |
| 15° | 974 | 1042 | 974 | 870 | 974 | 274 |
| 25° | 858 | 972 | 858 | 851 | 858 | 394 |
| 35° | 652 | 868 | 652 | 741 | 652 | 404 |
| 45° | 421 | 715 | 421 | 627 | 421 | 337 |
| 55° | 343 | 527 | 343 | 515 | 343 | 315 |
| 65° | 238 | 318 | 238 | 356 | 238 | 228 |
| 75° | 90 | 151 | 90 | 181 | 90 | 95 |
| 85° | 15 | 38 | 15 | 33 | 15 | 21 |
| 90° | 7 | 28 | 7 | 28 | 7 | 7 |
| 95° | 71 | 326 | 71 | 326 | 71 | 79 |
| 105° | 255 | 2218 | 255 | 2218 | 255 | 271 |
| 115° | 453 | 2855 | 453 | 2855 | 453 | 448 |
| 125° | 630 | 2274 | 630 | 2274 | 630 | 560 |
| 135° | 751 | 1764 | 751 | 1764 | 751 | 581 |
| 145° | 871 | 1431 | 871 | 1431 | 871 | 546 |
| 155° | 985 | 1233 | 985 | 1233 | 985 | 453 |
| 165° | 1063 | 1148 | 1063 | 1148 | 1063 | 300 |
| 175° | 1105 | 1113 | 1105 | 1113 | 1105 | 105 |
| 180° | 1105 | 1105 | 1105 | 1105 | 1105 | |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 |
| 2.5° | 1024.1 | 1024.1 | 1029.9 | 1031.8 | 1031.8 | 1028.9 | 1026.1 | 1028.9 | 1037.6 | 1040.5 | 1039.5 |
| 5° | 1020.2 | 1028.0 | 1038.6 | 1040.5 | 1042.4 | 1041.4 | 1039.5 | 1041.4 | 1051.0 | 1053.0 | 1053.9 |
| 7.5° | 1012.6 | 1027.0 | 1040.5 | 1043.3 | 1046.2 | 1043.3 | 1042.4 | 1044.3 | 1053.9 | 1055.8 | 1055.8 |
| 10° | 1002.9 | 1023.2 | 1038.6 | 1040.5 | 1043.3 | 1040.5 | 1040.5 | 1044.3 | 1053.9 | 1055.8 | 1056.8 |
| 12.5° | 989.6 | 1017.4 | 1031.8 | 1033.7 | 1037.6 | 1036.7 | 1035.6 | 1039.5 | 1049.1 | 1051.0 | 1051.0 |
| 15° | 974.2 | 1006.9 | 1020.2 | 1022.2 | 1028.9 | 1027.0 | 1027.0 | 1030.8 | 1041.4 | 1044.3 | 1043.3 |
| 17.5° | 953.0 | 993.4 | 1008.8 | 1011.6 | 1016.4 | 1015.5 | 1016.4 | 1020.2 | 1029.9 | 1031.8 | 1032.7 |
| 20° | 929.0 | 975.2 | 993.4 | 996.3 | 1001.0 | 1001.0 | 1001.0 | 1005.9 | 1015.5 | 1019.3 | 1019.3 |
| 22.5° | 896.4 | 955.9 | 975.2 | 977.1 | 982.8 | 982.8 | 984.7 | 991.5 | 1000.1 | 1001.0 | 1001.0 |
| 25° | 857.9 | 934.8 | 951.1 | 956.9 | 962.6 | 965.5 | 968.4 | 972.3 | 975.2 | 974.2 | 975.2 |
| 27.5° | 817.6 | 907.8 | 929.0 | 932.8 | 940.6 | 943.4 | 947.3 | 948.2 | 949.2 | 952.0 | 950.1 |
| 30° | 772.4 | 870.4 | 902.1 | 905.9 | 918.4 | 920.3 | 916.5 | 918.4 | 923.2 | 925.2 | 927.1 |
| 32.5° | 721.5 | 814.7 | 874.2 | 882.9 | 894.5 | 888.6 | 887.7 | 890.5 | 898.3 | 898.3 | 900.2 |
| 35° | 652.4 | 771.4 | 848.3 | 856.0 | 864.7 | 857.9 | 861.8 | 862.7 | 867.5 | 870.4 | 869.4 |
| 37.5° | 576.4 | 734.0 | 821.4 | 827.1 | 833.9 | 825.2 | 831.0 | 833.9 | 837.7 | 835.8 | 835.8 |
| 40° | 509.2 | 675.4 | 789.7 | 793.5 | 799.3 | 792.6 | 798.4 | 800.3 | 802.2 | 800.3 | 799.3 |
| 42.5° | 459.3 | 611.0 | 756.1 | 760.8 | 757.0 | 761.8 | 763.8 | 767.6 | 764.8 | 760.8 | 760.8 |
| 45° | 420.8 | 593.7 | 719.6 | 725.3 | 719.6 | 727.2 | 730.1 | 730.1 | 721.5 | 719.6 | 718.6 |
| 47.5° | 408.3 | 559.2 | 683.1 | 683.1 | 680.2 | 689.8 | 694.6 | 687.9 | 679.2 | 676.3 | 676.3 |
| 50° | 407.3 | 520.7 | 633.1 | 629.2 | 642.7 | 654.3 | 649.4 | 642.7 | 636.0 | 625.4 | 625.4 |
| 52.5° | 369.9 | 473.6 | 568.7 | 583.1 | 604.3 | 611.0 | 603.4 | 596.6 | 585.0 | 580.3 | 576.4 |
| 55° | 342.9 | 424.6 | 510.2 | 539.0 | 561.1 | 569.7 | 555.3 | 548.6 | 531.3 | 528.4 | 526.5 |
| 57.5° | 337.2 | 353.5 | 456.3 | 492.9 | 519.7 | 518.8 | 510.2 | 497.7 | 483.2 | 480.4 | 479.4 |
| 60° | 309.3 | 255.6 | 398.7 | 442.0 | 469.8 | 466.9 | 459.3 | 447.7 | 434.2 | 432.3 | 430.4 |
| 62.5° | 280.5 | 185.5 | 333.4 | 382.4 | 421.7 | 420.8 | 414.1 | 396.8 | 387.2 | 382.4 | 378.6 |
| 65° | 238.3 | 155.7 | 237.3 | 318.0 | 374.6 | 376.6 | 362.2 | 349.7 | 339.1 | 333.4 | 332.4 |
| 67.5° | 181.5 | 126.8 | 160.4 | 265.2 | 329.6 | 327.6 | 309.3 | 303.6 | 290.1 | 287.3 | 281.5 |
| 70° | 134.5 | 84.5 | 111.4 | 215.2 | 285.4 | 280.5 | 266.2 | 259.4 | 246.9 | 240.2 | 236.4 |
| 72.5° | 111.4 | 68.2 | 81.7 | 167.1 | 240.2 | 234.5 | 221.9 | 214.2 | 203.7 | 197.9 | 194.1 |
| 75° | 90.3 | 72.0 | 62.5 | 124.0 | 195.0 | 191.2 | 179.6 | 172.0 | 163.3 | 155.7 | 156.6 |
| 77.5° | 66.3 | 67.2 | 49.9 | 91.3 | 154.7 | 148.9 | 142.2 | 132.6 | 128.7 | 121.1 | 121.1 |
| 80° | 49.9 | 52.8 | 37.4 | 62.5 | 111.4 | 111.4 | 105.7 | 98.9 | 92.3 | 88.4 | 88.4 |
| 82.5° | 33.6 | 33.6 | 27.9 | 39.3 | 75.9 | 73.1 | 69.1 | 67.2 | 63.4 | 61.5 | 61.5 |
| 85° | 15.4 | 19.2 | 17.3 | 24.0 | 41.4 | 43.3 | 43.3 | 41.4 | 40.4 | 38.4 | 39.3 |
| 87.5° | 4.8 | 8.7 | 10.6 | 13.5 | 21.1 | 22.1 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 |
| 90° | 7.4 | 13.4 | 19.3 | 20.7 | 32.6 | 48.4 | 56.3 | 50.0 | 37.5 | 28.2 | 28.2 |
| 92.5° | 29.7 | 80.1 | 130.5 | 143.2 | 201.2 | 278.7 | 317.4 | 278.2 | 199.8 | 141.0 | 135.3 |
| 95° | 71.2 | 163.5 | 255.7 | 278.9 | 495.2 | 783.7 | 927.9 | 828.0 | 628.2 | 478.4 | 461.4 |
| 97.5° | 123.1 | 204.5 | 285.9 | 306.3 | 667.0 | 1148.0 | 1388.5 | 1325.3 | 1199.1 | 1104.4 | 1072.1 |
| 100° | 163.2 | 237.0 | 310.9 | 329.3 | 729.5 | 1263.3 | 1530.1 | 1534.7 | 1543.9 | 1550.8 | 1512.3 |
| 102.5° | 197.3 | 266.2 | 335.1 | 352.3 | 758.3 | 1299.5 | 1570.1 | 1650.5 | 1811.4 | 1932.1 | 1899.1 |
| 105° | 255.2 | 313.5 | 371.8 | 386.4 | 779.5 | 1303.7 | 1565.7 | 1746.0 | 2106.6 | 2377.1 | 2359.3 |
| 107.5° | 314.5 | 368.8 | 423.3 | 436.8 | 783.5 | 1245.6 | 1476.7 | 1728.3 | 2231.3 | 2608.5 | 2612.8 |
| 110° | 354.5 | 403.6 | 452.7 | 465.0 | 777.5 | 1194.1 | 1402.5 | 1683.7 | 2246.1 | 2667.9 | 2686.3 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 393.8 | 440.6 | 487.4 | 499.2 | 777.8 | 1149.2 | 1335.0 | 1622.7 | 2198.3 | 2630.0 | 2658.3 |
| 115° | 453.1 | 496.3 | 539.6 | 550.4 | 785.0 | 1097.8 | 1254.2 | 1531.4 | 2085.9 | 2501.7 | 2541.1 |
| 117.5° | 511.8 | 551.0 | 590.2 | 600.0 | 799.5 | 1065.5 | 1198.5 | 1448.7 | 1949.2 | 2324.5 | 2368.0 |
| 120° | 545.9 | 582.8 | 619.7 | 629.0 | 811.4 | 1054.6 | 1176.3 | 1404.9 | 1862.1 | 2205.0 | 2247.4 |
| 122.5° | 579.3 | 616.5 | 653.8 | 663.1 | 828.5 | 1049.0 | 1159.3 | 1365.2 | 1776.9 | 2085.6 | 2127.4 |
| 125° | 630.4 | 664.4 | 698.3 | 706.8 | 851.5 | 1044.3 | 1140.7 | 1315.6 | 1665.3 | 1927.7 | 1966.2 |
| 127.5° | 671.9 | 706.2 | 740.5 | 749.1 | 874.5 | 1041.6 | 1125.2 | 1275.3 | 1575.7 | 1800.8 | 1833.3 |
| 130° | 694.2 | 731.1 | 768.0 | 777.3 | 891.2 | 1043.1 | 1119.2 | 1252.9 | 1520.2 | 1720.7 | 1750.7 |
| 132.5° | 717.2 | 754.2 | 791.0 | 800.3 | 904.9 | 1044.3 | 1114.0 | 1233.7 | 1473.0 | 1652.4 | 1679.3 |
| 135° | 751.3 | 784.9 | 818.5 | 826.9 | 919.7 | 1043.3 | 1105.1 | 1205.3 | 1405.8 | 1556.1 | 1579.2 |
| 137.5° | 786.2 | 819.5 | 852.8 | 861.1 | 941.9 | 1049.7 | 1103.6 | 1188.3 | 1357.7 | 1484.8 | 1503.7 |
| 140° | 815.1 | 845.7 | 876.4 | 884.0 | 955.5 | 1050.8 | 1098.4 | 1171.6 | 1318.0 | 1427.7 | 1445.5 |
| 142.5° | 837.3 | 865.7 | 894.1 | 901.1 | 966.9 | 1054.6 | 1098.4 | 1162.7 | 1291.3 | 1387.7 | 1403.0 |
| 145° | 871.4 | 896.2 | 920.9 | 927.1 | 981.7 | 1054.6 | 1091.0 | 1143.6 | 1248.8 | 1327.6 | 1339.2 |
| 147.5° | 905.6 | 929.7 | 953.8 | 959.8 | 1003.5 | 1061.9 | 1091.0 | 1132.3 | 1215.1 | 1277.2 | 1286.8 |
| 150° | 927.9 | 949.7 | 971.3 | 976.8 | 1014.9 | 1065.6 | 1091.0 | 1125.9 | 1195.9 | 1248.3 | 1256.0 |
| 152.5° | 950.8 | 967.3 | 983.8 | 987.9 | 1022.3 | 1068.1 | 1091.0 | 1120.8 | 1180.5 | 1225.3 | 1231.1 |
| 155° | 985.0 | 997.2 | 1009.3 | 1012.4 | 1038.6 | 1073.5 | 1091.0 | 1114.8 | 1162.2 | 1197.9 | 1201.8 |
| 157.5° | 1010.2 | 1022.0 | 1033.9 | 1036.8 | 1054.9 | 1079.0 | 1091.0 | 1109.4 | 1146.4 | 1174.1 | 1176.8 |
| 160° | 1027.2 | 1036.5 | 1045.7 | 1048.0 | 1062.3 | 1081.4 | 1091.0 | 1106.8 | 1138.5 | 1162.2 | 1163.8 |
| 162.5° | 1044.3 | 1051.2 | 1058.1 | 1059.9 | 1070.3 | 1084.1 | 1091.0 | 1104.4 | 1131.0 | 1151.1 | 1152.6 |
| 165° | 1062.8 | 1069.1 | 1075.4 | 1077.0 | 1081.6 | 1087.8 | 1091.0 | 1100.5 | 1119.7 | 1134.1 | 1135.6 |
| 167.5° | 1079.9 | 1082.9 | 1085.8 | 1086.6 | 1090.5 | 1095.8 | 1098.4 | 1104.7 | 1117.3 | 1126.6 | 1127.3 |
| 170° | 1091.0 | 1094.0 | 1096.9 | 1097.7 | 1098.0 | 1098.2 | 1098.4 | 1104.7 | 1117.3 | 1126.6 | 1126.6 |
| 172.5° | 1096.9 | 1097.6 | 1098.2 | 1098.4 | 1098.4 | 1098.4 | 1098.4 | 1103.4 | 1113.2 | 1120.7 | 1120.1 |
| 175° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1102.9 | 1100.0 | 1098.4 | 1101.6 | 1107.9 | 1112.6 | 1112.6 |
| 177.5° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1103.4 | 1101.0 | 1099.9 | 1102.4 | 1107.3 | 1111.0 | 1110.4 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 |
| 2.5° | 1041.4 | 1038.6 | 1041.4 | 1039.5 | 1040.5 | 1037.6 | 1028.9 | 1026.1 | 1028.9 | 1031.8 | 1031.8 |
| 5° | 1053.9 | 1051.9 | 1053.9 | 1053.9 | 1053.0 | 1051.0 | 1041.4 | 1039.5 | 1041.4 | 1042.4 | 1040.5 |
| 7.5° | 1057.8 | 1054.9 | 1057.8 | 1055.8 | 1055.8 | 1053.9 | 1044.3 | 1042.4 | 1043.3 | 1046.2 | 1043.3 |
| 10° | 1057.8 | 1054.9 | 1057.8 | 1056.8 | 1055.8 | 1053.9 | 1044.3 | 1040.5 | 1040.5 | 1043.3 | 1040.5 |
| 12.5° | 1053.0 | 1051.0 | 1053.0 | 1051.0 | 1051.0 | 1049.1 | 1039.5 | 1035.6 | 1036.7 | 1037.6 | 1033.7 |
| 15° | 1045.2 | 1042.4 | 1045.2 | 1043.3 | 1044.3 | 1041.4 | 1030.8 | 1027.0 | 1027.0 | 1028.9 | 1022.2 |
| 17.5° | 1033.7 | 1029.9 | 1033.7 | 1032.7 | 1031.8 | 1029.9 | 1020.2 | 1016.4 | 1015.5 | 1016.4 | 1011.6 |
| 20° | 1020.2 | 1017.4 | 1020.2 | 1019.3 | 1019.3 | 1015.5 | 1005.9 | 1001.0 | 1001.0 | 1001.0 | 996.3 |
| 22.5° | 999.1 | 996.3 | 999.1 | 1001.0 | 1001.0 | 1000.1 | 991.5 | 984.7 | 982.8 | 982.8 | 977.1 |
| 25° | 975.2 | 972.3 | 975.2 | 975.2 | 974.2 | 975.2 | 972.3 | 968.4 | 965.5 | 962.6 | 956.9 |
| 27.5° | 952.0 | 950.1 | 952.0 | 950.1 | 952.0 | 949.2 | 948.2 | 947.3 | 943.4 | 940.6 | 932.8 |
| 30° | 929.0 | 927.1 | 929.0 | 927.1 | 925.2 | 923.2 | 918.4 | 916.5 | 920.3 | 918.4 | 905.9 |
| 32.5° | 900.2 | 898.3 | 900.2 | 900.2 | 898.3 | 898.3 | 890.5 | 887.7 | 888.6 | 894.5 | 882.9 |
| 35° | 870.4 | 867.5 | 870.4 | 869.4 | 870.4 | 867.5 | 862.7 | 861.8 | 857.9 | 864.7 | 856.0 |
| 37.5° | 835.8 | 833.0 | 835.8 | 835.8 | 835.8 | 837.7 | 833.9 | 831.0 | 825.2 | 833.9 | 827.1 |
| 40° | 800.3 | 796.5 | 800.3 | 799.3 | 800.3 | 802.2 | 800.3 | 798.4 | 792.6 | 799.3 | 793.5 |
| 42.5° | 759.9 | 758.9 | 759.9 | 760.8 | 760.8 | 764.8 | 767.6 | 763.8 | 761.8 | 757.0 | 760.8 |
| 45° | 716.7 | 714.7 | 716.7 | 718.6 | 719.6 | 721.5 | 730.1 | 730.1 | 727.2 | 719.6 | 725.3 |
| 47.5° | 670.6 | 665.7 | 670.6 | 676.3 | 676.3 | 679.2 | 687.9 | 694.6 | 689.8 | 680.2 | 683.1 |
| 50° | 621.6 | 622.6 | 621.6 | 625.4 | 625.4 | 636.0 | 642.7 | 649.4 | 654.3 | 642.7 | 629.2 |
| 52.5° | 573.6 | 572.6 | 573.6 | 576.4 | 580.3 | 585.0 | 596.6 | 603.4 | 611.0 | 604.3 | 583.1 |
| 55° | 525.5 | 527.4 | 525.5 | 526.5 | 528.4 | 531.3 | 548.6 | 555.3 | 569.7 | 561.1 | 539.0 |
| 57.5° | 477.5 | 474.6 | 477.5 | 479.4 | 480.4 | 483.2 | 497.7 | 510.2 | 518.8 | 519.7 | 492.9 |
| 60° | 421.7 | 417.9 | 421.7 | 430.4 | 432.3 | 434.2 | 447.7 | 459.3 | 466.9 | 469.8 | 442.0 |
| 62.5° | 372.7 | 366.1 | 372.7 | 378.6 | 382.4 | 387.2 | 396.8 | 414.1 | 420.8 | 421.7 | 382.4 |
| 65° | 320.9 | 318.0 | 320.9 | 332.4 | 333.4 | 339.1 | 349.7 | 362.2 | 376.6 | 374.6 | 318.0 |
| 67.5° | 273.8 | 273.8 | 273.8 | 281.5 | 287.3 | 290.1 | 303.6 | 309.3 | 327.6 | 329.6 | 265.2 |
| 70° | 230.5 | 229.6 | 230.5 | 236.4 | 240.2 | 246.9 | 259.4 | 266.2 | 280.5 | 285.4 | 215.2 |
| 72.5° | 189.3 | 188.3 | 189.3 | 194.1 | 197.9 | 203.7 | 214.2 | 221.9 | 234.5 | 240.2 | 167.1 |
| 75° | 152.8 | 150.8 | 152.8 | 156.6 | 155.7 | 163.3 | 172.0 | 179.6 | 191.2 | 195.0 | 124.0 |
| 77.5° | 117.2 | 117.2 | 117.2 | 121.1 | 121.1 | 128.7 | 132.6 | 142.2 | 148.9 | 154.7 | 91.3 |
| 80° | 87.4 | 86.4 | 87.4 | 88.4 | 88.4 | 92.3 | 98.9 | 105.7 | 111.4 | 111.4 | 62.5 |
| 82.5° | 61.5 | 59.6 | 61.5 | 61.5 | 61.5 | 63.4 | 67.2 | 69.1 | 73.1 | 75.9 | 39.3 |
| 85° | 38.4 | 38.4 | 38.4 | 39.3 | 38.4 | 40.4 | 41.4 | 43.3 | 43.3 | 41.4 | 24.0 |
| 87.5° | 25.0 | 24.0 | 25.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 22.1 | 21.1 | 13.5 |
| 90° | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 37.5 | 50.0 | 56.3 | 48.4 | 32.6 | 20.7 |
| 92.5° | 112.9 | 90.4 | 112.9 | 135.3 | 141.0 | 199.8 | 278.2 | 317.4 | 278.7 | 201.2 | 143.2 |
| 95° | 393.5 | 325.6 | 393.5 | 461.4 | 478.4 | 628.2 | 828.0 | 927.9 | 783.7 | 495.2 | 278.9 |
| 97.5° | 942.9 | 813.7 | 942.9 | 1072.1 | 1104.4 | 1199.1 | 1325.3 | 1388.5 | 1148.0 | 667.0 | 306.3 |
| 100° | 1358.5 | 1204.5 | 1358.5 | 1512.3 | 1550.8 | 1543.9 | 1534.7 | 1530.1 | 1263.3 | 729.5 | 329.3 |
| 102.5° | 1767.2 | 1635.4 | 1767.2 | 1899.1 | 1932.1 | 1811.4 | 1650.5 | 1570.1 | 1299.5 | 758.3 | 352.3 |
| 105° | 2288.5 | 2217.6 | 2288.5 | 2359.3 | 2377.1 | 2106.6 | 1746.0 | 1565.7 | 1303.7 | 779.5 | 386.4 |
| 107.5° | 2629.9 | 2647.1 | 2629.9 | 2612.8 | 2608.5 | 2231.3 | 1728.3 | 1476.7 | 1245.6 | 783.5 | 436.8 |
| 110° | 2760.1 | 2834.0 | 2760.1 | 2686.3 | 2667.9 | 2246.1 | 1683.7 | 1402.5 | 1194.1 | 777.5 | 465.0 |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2771.7 | 2885.2 | 2771.7 | 2658.3 | 2630.0 | 2198.3 | 1622.7 | 1335.0 | 1149.2 | 777.8 | 499.2 |
| 115° | 2698.3 | 2855.4 | 2698.3 | 2541.1 | 2501.7 | 2085.9 | 1531.4 | 1254.2 | 1097.8 | 785.0 | 550.4 |
| 117.5° | 2542.4 | 2716.8 | 2542.4 | 2368.0 | 2324.5 | 1949.2 | 1448.7 | 1198.5 | 1065.5 | 799.5 | 600.0 |
| 120° | 2416.8 | 2586.2 | 2416.8 | 2247.4 | 2205.0 | 1862.1 | 1404.9 | 1176.3 | 1054.6 | 811.4 | 629.0 |
| 122.5° | 2294.5 | 2461.6 | 2294.5 | 2127.4 | 2085.6 | 1776.9 | 1365.2 | 1159.3 | 1049.0 | 828.5 | 663.1 |
| 125° | 2120.1 | 2274.0 | 2120.1 | 1966.2 | 1927.7 | 1665.3 | 1315.6 | 1140.7 | 1044.3 | 851.5 | 706.8 |
| 127.5° | 1963.2 | 2093.1 | 1963.2 | 1833.3 | 1800.8 | 1575.7 | 1275.3 | 1125.2 | 1041.6 | 874.5 | 749.1 |
| 130° | 1870.7 | 1990.7 | 1870.7 | 1750.7 | 1720.7 | 1520.2 | 1252.9 | 1119.2 | 1043.1 | 891.2 | 777.3 |
| 132.5° | 1786.8 | 1894.2 | 1786.8 | 1679.3 | 1652.4 | 1473.0 | 1233.7 | 1114.0 | 1044.3 | 904.9 | 800.3 |
| 135° | 1671.8 | 1764.5 | 1671.8 | 1579.2 | 1556.1 | 1405.8 | 1205.3 | 1105.1 | 1043.3 | 919.7 | 826.9 |
| 137.5° | 1579.6 | 1655.4 | 1579.6 | 1503.7 | 1484.8 | 1357.7 | 1188.3 | 1103.6 | 1049.7 | 941.9 | 861.1 |
| 140° | 1516.3 | 1587.2 | 1516.3 | 1445.5 | 1427.7 | 1318.0 | 1171.6 | 1098.4 | 1050.8 | 955.5 | 884.0 |
| 142.5° | 1463.9 | 1524.9 | 1463.9 | 1403.0 | 1387.7 | 1291.3 | 1162.7 | 1098.4 | 1054.6 | 966.9 | 901.1 |
| 145° | 1385.3 | 1431.4 | 1385.3 | 1339.2 | 1327.6 | 1248.8 | 1143.6 | 1091.0 | 1054.6 | 981.7 | 927.1 |
| 147.5° | 1325.1 | 1363.3 | 1325.1 | 1286.8 | 1277.2 | 1215.1 | 1132.3 | 1091.0 | 1061.9 | 1003.5 | 959.8 |
| 150° | 1287.1 | 1318.0 | 1287.1 | 1256.0 | 1248.3 | 1195.9 | 1125.9 | 1091.0 | 1065.6 | 1014.9 | 976.8 |
| 152.5° | 1254.5 | 1277.9 | 1254.5 | 1231.1 | 1225.3 | 1180.5 | 1120.8 | 1091.0 | 1068.1 | 1022.3 | 987.9 |
| 155° | 1217.2 | 1232.7 | 1217.2 | 1201.8 | 1197.9 | 1162.2 | 1114.8 | 1091.0 | 1073.5 | 1038.6 | 1012.4 |
| 157.5° | 1187.6 | 1198.5 | 1187.6 | 1176.8 | 1174.1 | 1146.4 | 1109.4 | 1091.0 | 1079.0 | 1054.9 | 1036.8 |
| 160° | 1170.1 | 1176.3 | 1170.1 | 1163.8 | 1162.2 | 1138.5 | 1106.8 | 1091.0 | 1081.4 | 1062.3 | 1048.0 |
| 162.5° | 1158.5 | 1164.4 | 1158.5 | 1152.6 | 1151.1 | 1131.0 | 1104.4 | 1091.0 | 1084.1 | 1070.3 | 1059.9 |
| 165° | 1141.9 | 1148.1 | 1141.9 | 1135.6 | 1134.1 | 1119.7 | 1100.5 | 1091.0 | 1087.8 | 1081.6 | 1077.0 |
| 167.5° | 1129.9 | 1132.5 | 1129.9 | 1127.3 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1095.8 | 1090.5 | 1086.6 |
| 170° | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1098.2 | 1098.0 | 1097.7 |
| 172.5° | 1117.8 | 1115.5 | 1117.8 | 1120.1 | 1120.7 | 1113.2 | 1103.4 | 1098.4 | 1098.4 | 1098.4 | 1098.4 |
| 175° | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1107.9 | 1101.6 | 1098.4 | 1100.0 | 1102.9 | 1105.1 |
| 177.5° | 1107.8 | 1105.1 | 1107.8 | 1110.4 | 1111.0 | 1107.3 | 1102.4 | 1099.9 | 1101.0 | 1103.4 | 1105.1 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 |
| 2.5° | 1029.9 | 1024.1 | 1024.1 | 1014.5 | 1010.7 | 1007.8 | 1002.9 | 988.6 | 984.7 | 980.9 | 986.6 |
| 5° | 1038.6 | 1028.0 | 1020.2 | 1002.9 | 988.6 | 982.8 | 964.6 | 930.0 | 906.9 | 889.6 | 880.0 |
| 7.5° | 1040.5 | 1027.0 | 1012.6 | 985.7 | 951.1 | 935.7 | 880.0 | 816.6 | 799.3 | 784.0 | 774.3 |
| 10° | 1038.6 | 1023.2 | 1002.9 | 962.6 | 881.0 | 854.1 | 798.4 | 757.0 | 746.4 | 743.6 | 746.4 |
| 12.5° | 1031.8 | 1017.4 | 989.6 | 922.2 | 807.9 | 789.7 | 757.0 | 733.1 | 731.1 | 735.9 | 761.8 |
| 15° | 1020.2 | 1006.9 | 974.2 | 868.5 | 767.6 | 754.2 | 731.1 | 722.5 | 733.1 | 766.7 | 844.5 |
| 17.5° | 1008.8 | 993.4 | 953.0 | 815.7 | 736.9 | 727.2 | 710.9 | 728.2 | 787.8 | 833.0 | 858.8 |
| 20° | 993.4 | 975.2 | 929.0 | 777.2 | 714.7 | 706.1 | 698.4 | 776.2 | 821.4 | 837.7 | 852.1 |
| 22.5° | 975.2 | 955.9 | 896.4 | 750.3 | 691.7 | 685.0 | 689.8 | 803.2 | 821.4 | 833.0 | 845.5 |
| 25° | 951.1 | 934.8 | 857.9 | 729.1 | 673.5 | 665.7 | 684.1 | 800.3 | 810.8 | 813.8 | 838.7 |
| 27.5° | 929.0 | 907.8 | 817.6 | 709.9 | 651.4 | 648.4 | 688.8 | 787.8 | 795.5 | 798.4 | 825.2 |
| 30° | 902.1 | 870.4 | 772.4 | 689.8 | 628.3 | 627.3 | 689.8 | 772.4 | 770.5 | 778.1 | 805.1 |
| 32.5° | 874.2 | 814.7 | 721.5 | 664.8 | 606.2 | 605.3 | 683.1 | 749.4 | 747.5 | 758.0 | 778.1 |
| 35° | 848.3 | 771.4 | 652.4 | 636.0 | 578.3 | 579.3 | 666.7 | 722.5 | 723.4 | 733.1 | 745.5 |
| 37.5° | 821.4 | 734.0 | 576.4 | 604.3 | 551.4 | 551.4 | 644.6 | 697.4 | 695.5 | 698.4 | 715.8 |
| 40° | 789.7 | 675.4 | 509.2 | 563.0 | 526.5 | 523.6 | 617.7 | 670.6 | 663.8 | 662.9 | 686.9 |
| 42.5° | 756.1 | 611.0 | 459.3 | 508.3 | 497.7 | 493.8 | 585.0 | 637.9 | 625.4 | 628.3 | 659.0 |
| 45° | 719.6 | 593.7 | 420.8 | 429.5 | 467.9 | 465.0 | 549.5 | 600.4 | 591.8 | 599.5 | 631.2 |
| 47.5° | 683.1 | 559.2 | 408.3 | 356.4 | 436.1 | 435.2 | 510.2 | 563.9 | 559.2 | 566.8 | 600.4 |
| 50° | 633.1 | 520.7 | 407.3 | 305.5 | 400.6 | 404.4 | 463.1 | 528.4 | 528.4 | 535.1 | 570.7 |
| 52.5° | 568.7 | 473.6 | 369.9 | 276.7 | 359.3 | 370.8 | 421.7 | 497.7 | 499.6 | 506.3 | 538.0 |
| 55° | 510.2 | 424.6 | 342.9 | 254.6 | 310.3 | 335.3 | 381.4 | 465.9 | 469.8 | 476.5 | 505.3 |
| 57.5° | 456.3 | 353.5 | 337.2 | 228.6 | 265.2 | 289.2 | 345.9 | 435.2 | 437.1 | 442.9 | 470.7 |
| 60° | 398.7 | 255.6 | 309.3 | 200.7 | 225.8 | 244.0 | 313.1 | 398.7 | 405.4 | 409.2 | 433.3 |
| 62.5° | 333.4 | 185.5 | 280.5 | 181.5 | 206.6 | 210.4 | 286.3 | 364.1 | 372.7 | 375.6 | 390.0 |
| 65° | 237.3 | 155.7 | 238.3 | 165.2 | 186.4 | 187.4 | 257.5 | 328.5 | 336.3 | 341.0 | 351.6 |
| 67.5° | 160.4 | 126.8 | 181.5 | 149.8 | 171.0 | 172.0 | 229.6 | 287.3 | 297.9 | 301.7 | 308.4 |
| 70° | 111.4 | 84.5 | 134.5 | 133.5 | 153.8 | 155.7 | 199.8 | 249.8 | 259.4 | 262.2 | 266.2 |
| 72.5° | 81.7 | 68.2 | 111.4 | 120.0 | 135.4 | 137.4 | 169.1 | 207.5 | 217.2 | 220.0 | 221.9 |
| 75° | 62.5 | 72.0 | 90.3 | 104.8 | 115.3 | 116.2 | 138.4 | 169.1 | 175.8 | 177.7 | 178.7 |
| 77.5° | 49.9 | 67.2 | 66.3 | 84.5 | 94.2 | 92.3 | 108.6 | 130.6 | 136.4 | 136.4 | 136.4 |
| 80° | 37.4 | 52.8 | 49.9 | 60.5 | 69.1 | 67.2 | 77.8 | 93.2 | 95.1 | 97.0 | 96.1 |
| 82.5° | 27.9 | 33.6 | 33.6 | 38.4 | 46.1 | 44.2 | 51.9 | 60.5 | 60.5 | 60.5 | 62.5 |
| 85° | 17.3 | 19.2 | 15.4 | 20.2 | 26.0 | 25.0 | 28.8 | 32.7 | 33.6 | 33.6 | 31.7 |
| 87.5° | 10.6 | 8.7 | 4.8 | 7.6 | 11.6 | 11.6 | 13.5 | 14.4 | 13.5 | 13.5 | 13.5 |
| 90° | 19.3 | 13.4 | 7.4 | 13.4 | 19.3 | 20.7 | 32.6 | 48.4 | 56.3 | 50.0 | 37.5 |
| 92.5° | 130.5 | 80.1 | 29.7 | 80.1 | 130.5 | 143.2 | 201.2 | 278.7 | 317.4 | 278.2 | 199.8 |
| 95° | 255.7 | 163.5 | 71.2 | 163.5 | 255.7 | 278.9 | 495.2 | 783.7 | 927.9 | 828.0 | 628.2 |
| 97.5° | 285.9 | 204.5 | 123.1 | 204.5 | 285.9 | 306.3 | 667.0 | 1148.0 | 1388.5 | 1325.3 | 1199.1 |
| 100° | 310.9 | 237.0 | 163.2 | 237.0 | 310.9 | 329.3 | 729.5 | 1263.3 | 1530.1 | 1534.7 | 1543.9 |
| 102.5° | 335.1 | 266.2 | 197.3 | 266.2 | 335.1 | 352.3 | 758.3 | 1299.5 | 1570.1 | 1650.5 | 1811.4 |
| 105° | 371.8 | 313.5 | 255.2 | 313.5 | 371.8 | 386.4 | 779.5 | 1303.7 | 1565.7 | 1746.0 | 2106.6 |
| 107.5° | 423.3 | 368.8 | 314.5 | 368.8 | 423.3 | 436.8 | 783.5 | 1245.6 | 1476.7 | 1728.3 | 2231.3 |
| 110° | 452.7 | 403.6 | 354.5 | 403.6 | 452.7 | 465.0 | 777.5 | 1194.1 | 1402.5 | 1683.7 | 2246.1 |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 487.4 | 440.6 | 393.8 | 440.6 | 487.4 | 499.2 | 777.8 | 1149.2 | 1335.0 | 1622.7 | 2198.3 |
| 115° | 539.6 | 496.3 | 453.1 | 496.3 | 539.6 | 550.4 | 785.0 | 1097.8 | 1254.2 | 1531.4 | 2085.9 |
| 117.5° | 590.2 | 551.0 | 511.8 | 551.0 | 590.2 | 600.0 | 799.5 | 1065.5 | 1198.5 | 1448.7 | 1949.2 |
| 120° | 619.7 | 582.8 | 545.9 | 582.8 | 619.7 | 629.0 | 811.4 | 1054.6 | 1176.3 | 1404.9 | 1862.1 |
| 122.5° | 653.8 | 616.5 | 579.3 | 616.5 | 653.8 | 663.1 | 828.5 | 1049.0 | 1159.3 | 1365.2 | 1776.9 |
| 125° | 698.3 | 664.4 | 630.4 | 664.4 | 698.3 | 706.8 | 851.5 | 1044.3 | 1140.7 | 1315.6 | 1665.3 |
| 127.5° | 740.5 | 706.2 | 671.9 | 706.2 | 740.5 | 749.1 | 874.5 | 1041.6 | 1125.2 | 1275.3 | 1575.7 |
| 130° | 768.0 | 731.1 | 694.2 | 731.1 | 768.0 | 777.3 | 891.2 | 1043.1 | 1119.2 | 1252.9 | 1520.2 |
| 132.5° | 791.0 | 754.2 | 717.2 | 754.2 | 791.0 | 800.3 | 904.9 | 1044.3 | 1114.0 | 1233.7 | 1473.0 |
| 135° | 818.5 | 784.9 | 751.3 | 784.9 | 818.5 | 826.9 | 919.7 | 1043.3 | 1105.1 | 1205.3 | 1405.8 |
| 137.5° | 852.8 | 819.5 | 786.2 | 819.5 | 852.8 | 861.1 | 941.9 | 1049.7 | 1103.6 | 1188.3 | 1357.7 |
| 140° | 876.4 | 845.7 | 815.1 | 845.7 | 876.4 | 884.0 | 955.5 | 1050.8 | 1098.4 | 1171.6 | 1318.0 |
| 142.5° | 894.1 | 865.7 | 837.3 | 865.7 | 894.1 | 901.1 | 966.9 | 1054.6 | 1098.4 | 1162.7 | 1291.3 |
| 145° | 920.9 | 896.2 | 871.4 | 896.2 | 920.9 | 927.1 | 981.7 | 1054.6 | 1091.0 | 1143.6 | 1248.8 |
| 147.5° | 953.8 | 929.7 | 905.6 | 929.7 | 953.8 | 959.8 | 1003.5 | 1061.9 | 1091.0 | 1132.3 | 1215.1 |
| 150° | 971.3 | 949.7 | 927.9 | 949.7 | 971.3 | 976.8 | 1014.9 | 1065.6 | 1091.0 | 1125.9 | 1195.9 |
| 152.5° | 983.8 | 967.3 | 950.8 | 967.3 | 983.8 | 987.9 | 1022.3 | 1068.1 | 1091.0 | 1120.8 | 1180.5 |
| 155° | 1009.3 | 997.2 | 985.0 | 997.2 | 1009.3 | 1012.4 | 1038.6 | 1073.5 | 1091.0 | 1114.8 | 1162.2 |
| 157.5° | 1033.9 | 1022.0 | 1010.2 | 1022.0 | 1033.9 | 1036.8 | 1054.9 | 1079.0 | 1091.0 | 1109.4 | 1146.4 |
| 160° | 1045.7 | 1036.5 | 1027.2 | 1036.5 | 1045.7 | 1048.0 | 1062.3 | 1081.4 | 1091.0 | 1106.8 | 1138.5 |
| 162.5° | 1058.1 | 1051.2 | 1044.3 | 1051.2 | 1058.1 | 1059.9 | 1070.3 | 1084.1 | 1091.0 | 1104.4 | 1131.0 |
| 165° | 1075.4 | 1069.1 | 1062.8 | 1069.1 | 1075.4 | 1077.0 | 1081.6 | 1087.8 | 1091.0 | 1100.5 | 1119.7 |
| 167.5° | 1085.8 | 1082.9 | 1079.9 | 1082.9 | 1085.8 | 1086.6 | 1090.5 | 1095.8 | 1098.4 | 1104.7 | 1117.3 |
| 170° | 1096.9 | 1094.0 | 1091.0 | 1094.0 | 1096.9 | 1097.7 | 1098.0 | 1098.2 | 1098.4 | 1104.7 | 1117.3 |
| 172.5° | 1098.2 | 1097.6 | 1096.9 | 1097.6 | 1098.2 | 1098.4 | 1098.4 | 1098.4 | 1098.4 | 1103.4 | 1113.2 |
| 175° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1102.9 | 1100.0 | 1098.4 | 1101.6 | 1107.9 |
| 177.5° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1103.4 | 1101.0 | 1099.9 | 1102.4 | 1107.3 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 |
| 2.5° | 979.9 | 977.1 | 980.9 | 970.3 | 980.9 | 977.1 | 979.9 | 986.6 | 980.9 | 984.7 | 988.6 |
| 5° | 859.9 | 855.0 | 839.6 | 827.1 | 839.6 | 855.0 | 859.9 | 880.0 | 889.6 | 906.9 | 930.0 |
| 7.5° | 768.6 | 764.8 | 760.8 | 753.2 | 760.8 | 764.8 | 768.6 | 774.3 | 784.0 | 799.3 | 816.6 |
| 10° | 748.4 | 749.4 | 755.1 | 754.2 | 755.1 | 749.4 | 748.4 | 746.4 | 743.6 | 746.4 | 757.0 |
| 12.5° | 800.3 | 808.9 | 840.6 | 838.7 | 840.6 | 808.9 | 800.3 | 761.8 | 735.9 | 731.1 | 733.1 |
| 15° | 859.9 | 862.7 | 869.4 | 870.4 | 869.4 | 862.7 | 859.9 | 844.5 | 766.7 | 733.1 | 722.5 |
| 17.5° | 865.6 | 866.6 | 871.3 | 871.3 | 871.3 | 866.6 | 865.6 | 858.8 | 833.0 | 787.8 | 728.2 |
| 20° | 860.8 | 862.7 | 872.3 | 874.2 | 872.3 | 862.7 | 860.8 | 852.1 | 837.7 | 821.4 | 776.2 |
| 22.5° | 858.8 | 862.7 | 870.4 | 869.4 | 870.4 | 862.7 | 858.8 | 845.5 | 833.0 | 821.4 | 803.2 |
| 25° | 849.3 | 849.3 | 850.2 | 851.2 | 850.2 | 849.3 | 849.3 | 838.7 | 813.8 | 810.8 | 800.3 |
| 27.5° | 829.1 | 831.0 | 836.8 | 835.8 | 836.8 | 831.0 | 829.1 | 825.2 | 798.4 | 795.5 | 787.8 |
| 30° | 810.8 | 808.9 | 804.1 | 800.3 | 804.1 | 808.9 | 810.8 | 805.1 | 778.1 | 770.5 | 772.4 |
| 32.5° | 780.1 | 775.3 | 770.5 | 767.6 | 770.5 | 775.3 | 780.1 | 778.1 | 758.0 | 747.5 | 749.4 |
| 35° | 743.6 | 744.5 | 743.6 | 740.7 | 743.6 | 744.5 | 743.6 | 745.5 | 733.1 | 723.4 | 722.5 |
| 37.5° | 717.7 | 719.6 | 718.6 | 714.7 | 718.6 | 719.6 | 717.7 | 715.8 | 698.4 | 695.5 | 697.4 |
| 40° | 690.8 | 691.7 | 690.8 | 687.9 | 690.8 | 691.7 | 690.8 | 686.9 | 662.9 | 663.8 | 670.6 |
| 42.5° | 664.8 | 663.8 | 661.0 | 659.0 | 661.0 | 663.8 | 664.8 | 659.0 | 628.3 | 625.4 | 637.9 |
| 45° | 635.1 | 636.0 | 630.2 | 627.3 | 630.2 | 636.0 | 635.1 | 631.2 | 599.5 | 591.8 | 600.4 |
| 47.5° | 605.3 | 605.3 | 600.4 | 597.5 | 600.4 | 605.3 | 605.3 | 600.4 | 566.8 | 559.2 | 563.9 |
| 50° | 573.6 | 572.6 | 565.8 | 564.9 | 565.8 | 572.6 | 573.6 | 570.7 | 535.1 | 528.4 | 528.4 |
| 52.5° | 537.0 | 537.0 | 538.0 | 540.0 | 538.0 | 537.0 | 537.0 | 538.0 | 506.3 | 499.6 | 497.7 |
| 55° | 505.3 | 506.3 | 513.0 | 514.9 | 513.0 | 506.3 | 505.3 | 505.3 | 476.5 | 469.8 | 465.9 |
| 57.5° | 472.6 | 472.6 | 477.5 | 477.5 | 477.5 | 472.6 | 472.6 | 470.7 | 442.9 | 437.1 | 435.2 |
| 60° | 435.2 | 437.1 | 440.9 | 440.0 | 440.9 | 437.1 | 435.2 | 433.3 | 409.2 | 405.4 | 398.7 |
| 62.5° | 395.8 | 397.8 | 398.7 | 396.8 | 398.7 | 397.8 | 395.8 | 390.0 | 375.6 | 372.7 | 364.1 |
| 65° | 354.5 | 356.4 | 357.4 | 355.5 | 357.4 | 356.4 | 354.5 | 351.6 | 341.0 | 336.3 | 328.5 |
| 67.5° | 312.2 | 311.2 | 310.3 | 314.2 | 310.3 | 311.2 | 312.2 | 308.4 | 301.7 | 297.9 | 287.3 |
| 70° | 269.0 | 269.0 | 268.1 | 270.0 | 268.1 | 269.0 | 269.0 | 266.2 | 262.2 | 259.4 | 249.8 |
| 72.5° | 222.9 | 221.9 | 225.8 | 222.9 | 225.8 | 221.9 | 222.9 | 221.9 | 220.0 | 217.2 | 207.5 |
| 75° | 177.7 | 179.6 | 177.7 | 180.6 | 177.7 | 179.6 | 177.7 | 178.7 | 177.7 | 175.8 | 169.1 |
| 77.5° | 135.4 | 137.4 | 135.4 | 135.4 | 135.4 | 137.4 | 135.4 | 136.4 | 136.4 | 136.4 | 130.6 |
| 80° | 96.1 | 95.1 | 95.1 | 94.2 | 95.1 | 95.1 | 96.1 | 96.1 | 97.0 | 95.1 | 93.2 |
| 82.5° | 61.5 | 60.5 | 60.5 | 62.5 | 60.5 | 60.5 | 61.5 | 62.5 | 60.5 | 60.5 | 60.5 |
| 85° | 33.6 | 34.6 | 32.7 | 32.7 | 32.7 | 34.6 | 33.6 | 31.7 | 33.6 | 33.6 | 32.7 |
| 87.5° | 12.5 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.5 | 13.5 | 13.5 | 13.5 | 14.4 |
| 90° | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 37.5 | 50.0 | 56.3 | 48.4 |
| 92.5° | 141.0 | 135.3 | 112.9 | 90.4 | 112.9 | 135.3 | 141.0 | 199.8 | 278.2 | 317.4 | 278.7 |
| 95° | 478.4 | 461.4 | 393.5 | 325.6 | 393.5 | 461.4 | 478.4 | 628.2 | 828.0 | 927.9 | 783.7 |
| 97.5° | 1104.4 | 1072.1 | 942.9 | 813.7 | 942.9 | 1072.1 | 1104.4 | 1199.1 | 1325.3 | 1388.5 | 1148.0 |
| 100° | 1550.8 | 1512.3 | 1358.5 | 1204.5 | 1358.5 | 1512.3 | 1550.8 | 1543.9 | 1534.7 | 1530.1 | 1263.3 |
| 102.5° | 1932.1 | 1899.1 | 1767.2 | 1635.4 | 1767.2 | 1899.1 | 1932.1 | 1811.4 | 1650.5 | 1570.1 | 1299.5 |
| 105° | 2377.1 | 2359.3 | 2288.5 | 2217.6 | 2288.5 | 2359.3 | 2377.1 | 2106.6 | 1746.0 | 1565.7 | 1303.7 |
| 107.5° | 2608.5 | 2612.8 | 2629.9 | 2647.1 | 2629.9 | 2612.8 | 2608.5 | 2231.3 | 1728.3 | 1476.7 | 1245.6 |
| 110° | 2667.9 | 2686.3 | 2760.1 | 2834.0 | 2760.1 | 2686.3 | 2667.9 | 2246.1 | 1683.7 | 1402.5 | 1194.1 |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2630.0 | 2658.3 | 2771.7 | 2885.2 | 2771.7 | 2658.3 | 2630.0 | 2198.3 | 1622.7 | 1335.0 | 1149.2 |
| 115° | 2501.7 | 2541.1 | 2698.3 | 2855.4 | 2698.3 | 2541.1 | 2501.7 | 2085.9 | 1531.4 | 1254.2 | 1097.8 |
| 117.5° | 2324.5 | 2368.0 | 2542.4 | 2716.8 | 2542.4 | 2368.0 | 2324.5 | 1949.2 | 1448.7 | 1198.5 | 1065.5 |
| 120° | 2205.0 | 2247.4 | 2416.8 | 2586.2 | 2416.8 | 2247.4 | 2205.0 | 1862.1 | 1404.9 | 1176.3 | 1054.6 |
| 122.5° | 2085.6 | 2127.4 | 2294.5 | 2461.6 | 2294.5 | 2127.4 | 2085.6 | 1776.9 | 1365.2 | 1159.3 | 1049.0 |
| 125° | 1927.7 | 1966.2 | 2120.1 | 2274.0 | 2120.1 | 1966.2 | 1927.7 | 1665.3 | 1315.6 | 1140.7 | 1044.3 |
| 127.5° | 1800.8 | 1833.3 | 1963.2 | 2093.1 | 1963.2 | 1833.3 | 1800.8 | 1575.7 | 1275.3 | 1125.2 | 1041.6 |
| 130° | 1720.7 | 1750.7 | 1870.7 | 1990.7 | 1870.7 | 1750.7 | 1720.7 | 1520.2 | 1252.9 | 1119.2 | 1043.1 |
| 132.5° | 1652.4 | 1679.3 | 1786.8 | 1894.2 | 1786.8 | 1679.3 | 1652.4 | 1473.0 | 1233.7 | 1114.0 | 1044.3 |
| 135° | 1556.1 | 1579.2 | 1671.8 | 1764.5 | 1671.8 | 1579.2 | 1556.1 | 1405.8 | 1205.3 | 1105.1 | 1043.3 |
| 137.5° | 1484.8 | 1503.7 | 1579.6 | 1655.4 | 1579.6 | 1503.7 | 1484.8 | 1357.7 | 1188.3 | 1103.6 | 1049.7 |
| 140° | 1427.7 | 1445.5 | 1516.3 | 1587.2 | 1516.3 | 1445.5 | 1427.7 | 1318.0 | 1171.6 | 1098.4 | 1050.8 |
| 142.5° | 1387.7 | 1403.0 | 1463.9 | 1524.9 | 1463.9 | 1403.0 | 1387.7 | 1291.3 | 1162.7 | 1098.4 | 1054.6 |
| 145° | 1327.6 | 1339.2 | 1385.3 | 1431.4 | 1385.3 | 1339.2 | 1327.6 | 1248.8 | 1143.6 | 1091.0 | 1054.6 |
| 147.5° | 1277.2 | 1286.8 | 1325.1 | 1363.3 | 1325.1 | 1286.8 | 1277.2 | 1215.1 | 1132.3 | 1091.0 | 1061.9 |
| 150° | 1248.3 | 1256.0 | 1287.1 | 1318.0 | 1287.1 | 1256.0 | 1248.3 | 1195.9 | 1125.9 | 1091.0 | 1065.6 |
| 152.5° | 1225.3 | 1231.1 | 1254.5 | 1277.9 | 1254.5 | 1231.1 | 1225.3 | 1180.5 | 1120.8 | 1091.0 | 1068.1 |
| 155° | 1197.9 | 1201.8 | 1217.2 | 1232.7 | 1217.2 | 1201.8 | 1197.9 | 1162.2 | 1114.8 | 1091.0 | 1073.5 |
| 157.5° | 1174.1 | 1176.8 | 1187.6 | 1198.5 | 1187.6 | 1176.8 | 1174.1 | 1146.4 | 1109.4 | 1091.0 | 1079.0 |
| 160° | 1162.2 | 1163.8 | 1170.1 | 1176.3 | 1170.1 | 1163.8 | 1162.2 | 1138.5 | 1106.8 | 1091.0 | 1081.4 |
| 162.5° | 1151.1 | 1152.6 | 1158.5 | 1164.4 | 1158.5 | 1152.6 | 1151.1 | 1131.0 | 1104.4 | 1091.0 | 1084.1 |
| 165° | 1134.1 | 1135.6 | 1141.9 | 1148.1 | 1141.9 | 1135.6 | 1134.1 | 1119.7 | 1100.5 | 1091.0 | 1087.8 |
| 167.5° | 1126.6 | 1127.3 | 1129.9 | 1132.5 | 1129.9 | 1127.3 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1095.8 |
| 170° | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1126.6 | 1117.3 | 1104.7 | 1098.4 | 1098.2 |
| 172.5° | 1120.7 | 1120.1 | 1117.8 | 1115.5 | 1117.8 | 1120.1 | 1120.7 | 1113.2 | 1103.4 | 1098.4 | 1098.4 |
| 175° | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1112.6 | 1107.9 | 1101.6 | 1098.4 | 1100.0 |
| 177.5° | 1111.0 | 1110.4 | 1107.8 | 1105.1 | 1107.8 | 1110.4 | 1111.0 | 1107.3 | 1102.4 | 1099.9 | 1101.0 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1015.5 | 1015.5 | 1015.5 | 1015.5 | 1015.5 |
| 2.5° | 1002.9 | 1007.8 | 1010.7 | 1014.5 | 1024.1 |
| 5° | 964.6 | 982.8 | 988.6 | 1002.9 | 1020.2 |
| 7.5° | 880.0 | 935.7 | 951.1 | 985.7 | 1012.6 |
| 10° | 798.4 | 854.1 | 881.0 | 962.6 | 1002.9 |
| 12.5° | 757.0 | 789.7 | 807.9 | 922.2 | 989.6 |
| 15° | 731.1 | 754.2 | 767.6 | 868.5 | 974.2 |
| 17.5° | 710.9 | 727.2 | 736.9 | 815.7 | 953.0 |
| 20° | 698.4 | 706.1 | 714.7 | 777.2 | 929.0 |
| 22.5° | 689.8 | 685.0 | 691.7 | 750.3 | 896.4 |
| 25° | 684.1 | 665.7 | 673.5 | 729.1 | 857.9 |
| 27.5° | 688.8 | 648.4 | 651.4 | 709.9 | 817.6 |
| 30° | 689.8 | 627.3 | 628.3 | 689.8 | 772.4 |
| 32.5° | 683.1 | 605.3 | 606.2 | 664.8 | 721.5 |
| 35° | 666.7 | 579.3 | 578.3 | 636.0 | 652.4 |
| 37.5° | 644.6 | 551.4 | 551.4 | 604.3 | 576.4 |
| 40° | 617.7 | 523.6 | 526.5 | 563.0 | 509.2 |
| 42.5° | 585.0 | 493.8 | 497.7 | 508.3 | 459.3 |
| 45° | 549.5 | 465.0 | 467.9 | 429.5 | 420.8 |
| 47.5° | 510.2 | 435.2 | 436.1 | 356.4 | 408.3 |
| 50° | 463.1 | 404.4 | 400.6 | 305.5 | 407.3 |
| 52.5° | 421.7 | 370.8 | 359.3 | 276.7 | 369.9 |
| 55° | 381.4 | 335.3 | 310.3 | 254.6 | 342.9 |
| 57.5° | 345.9 | 289.2 | 265.2 | 228.6 | 337.2 |
| 60° | 313.1 | 244.0 | 225.8 | 200.7 | 309.3 |
| 62.5° | 286.3 | 210.4 | 206.6 | 181.5 | 280.5 |
| 65° | 257.5 | 187.4 | 186.4 | 165.2 | 238.3 |
| 67.5° | 229.6 | 172.0 | 171.0 | 149.8 | 181.5 |
| 70° | 199.8 | 155.7 | 153.8 | 133.5 | 134.5 |
| 72.5° | 169.1 | 137.4 | 135.4 | 120.0 | 111.4 |
| 75° | 138.4 | 116.2 | 115.3 | 104.8 | 90.3 |
| 77.5° | 108.6 | 92.3 | 94.2 | 84.5 | 66.3 |
| 80° | 77.8 | 67.2 | 69.1 | 60.5 | 49.9 |
| 82.5° | 51.9 | 44.2 | 46.1 | 38.4 | 33.6 |
| 85° | 28.8 | 25.0 | 26.0 | 20.2 | 15.4 |
| 87.5° | 13.5 | 11.6 | 11.6 | 7.6 | 4.8 |
| 90° | 32.6 | 20.7 | 19.3 | 13.4 | 7.4 |
| 92.5° | 201.2 | 143.2 | 130.5 | 80.1 | 29.7 |
| 95° | 495.2 | 278.9 | 255.7 | 163.5 | 71.2 |
| 97.5° | 667.0 | 306.3 | 285.9 | 204.5 | 123.1 |
| 100° | 729.5 | 329.3 | 310.9 | 237.0 | 163.2 |
| 102.5° | 758.3 | 352.3 | 335.1 | 266.2 | 197.3 |
| 105° | 779.5 | 386.4 | 371.8 | 313.5 | 255.2 |
| 107.5° | 783.5 | 436.8 | 423.3 | 368.8 | 314.5 |
| 110° | 777.5 | 465.0 | 452.7 | 403.6 | 354.5 |



TEST NUMBER: P935490

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 777.8 | 499.2 | 487.4 | 440.6 | 393.8 |
| 115° | 785.0 | 550.4 | 539.6 | 496.3 | 453.1 |
| 117.5° | 799.5 | 600.0 | 590.2 | 551.0 | 511.8 |
| 120° | 811.4 | 629.0 | 619.7 | 582.8 | 545.9 |
| 122.5° | 828.5 | 663.1 | 653.8 | 616.5 | 579.3 |
| 125° | 851.5 | 706.8 | 698.3 | 664.4 | 630.4 |
| 127.5° | 874.5 | 749.1 | 740.5 | 706.2 | 671.9 |
| 130° | 891.2 | 777.3 | 768.0 | 731.1 | 694.2 |
| 132.5° | 904.9 | 800.3 | 791.0 | 754.2 | 717.2 |
| 135° | 919.7 | 826.9 | 818.5 | 784.9 | 751.3 |
| 137.5° | 941.9 | 861.1 | 852.8 | 819.5 | 786.2 |
| 140° | 955.5 | 884.0 | 876.4 | 845.7 | 815.1 |
| 142.5° | 966.9 | 901.1 | 894.1 | 865.7 | 837.3 |
| 145° | 981.7 | 927.1 | 920.9 | 896.2 | 871.4 |
| 147.5° | 1003.5 | 959.8 | 953.8 | 929.7 | 905.6 |
| 150° | 1014.9 | 976.8 | 971.3 | 949.7 | 927.9 |
| 152.5° | 1022.3 | 987.9 | 983.8 | 967.3 | 950.8 |
| 155° | 1038.6 | 1012.4 | 1009.3 | 997.2 | 985.0 |
| 157.5° | 1054.9 | 1036.8 | 1033.9 | 1022.0 | 1010.2 |
| 160° | 1062.3 | 1048.0 | 1045.7 | 1036.5 | 1027.2 |
| 162.5° | 1070.3 | 1059.9 | 1058.1 | 1051.2 | 1044.3 |
| 165° | 1081.6 | 1077.0 | 1075.4 | 1069.1 | 1062.8 |
| 167.5° | 1090.5 | 1086.6 | 1085.8 | 1082.9 | 1079.9 |
| 170° | 1098.0 | 1097.7 | 1096.9 | 1094.0 | 1091.0 |
| 172.5° | 1098.4 | 1098.4 | 1098.2 | 1097.6 | 1096.9 |
| 175° | 1102.9 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |
| 177.5° | 1103.4 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |
| 180° | 1105.1 | 1105.1 | 1105.1 | 1105.1 | 1105.1 |



TEST NUMBER: P935490
 CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-6-4000K

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 | 8.53 | 9.22 | 9.67 | 10.34 | 11.91 | 11.36 | 12.04 | 12.49 | 13.17 | 14.73 |
| | 3H | 8.99 | 9.61 | 10.14 | 10.74 | 12.32 | 12.69 | 13.30 | 13.83 | 14.43 | 16.02 |
| | 4H | 9.18 | 9.76 | 10.33 | 10.89 | 12.48 | 13.12 | 13.70 | 14.27 | 14.84 | 16.42 |
| | 6H | 9.29 | 9.82 | 10.45 | 10.96 | 12.56 | 13.39 | 13.93 | 14.55 | 15.07 | 16.67 |
| | 8H | 9.28 | 9.79 | 10.44 | 10.94 | 12.54 | 13.46 | 13.97 | 14.62 | 15.12 | 16.72 |
| | 12H | 9.25 | 9.73 | 10.41 | 10.88 | 12.49 | 13.50 | 13.98 | 14.66 | 15.12 | 16.74 |
| 4H | 2H | 9.54 | 10.12 | 10.70 | 11.26 | 12.84 | 11.74 | 12.33 | 12.90 | 13.46 | 15.05 |
| | 3H | 10.55 | 11.04 | 11.71 | 12.20 | 13.80 | 13.23 | 13.72 | 14.39 | 14.88 | 16.48 |
| | 4H | 10.82 | 11.27 | 11.99 | 12.41 | 14.03 | 13.75 | 14.20 | 14.92 | 15.35 | 16.96 |
| | 6H | 10.93 | 11.32 | 12.11 | 12.49 | 14.10 | 14.10 | 14.49 | 15.28 | 15.66 | 17.27 |
| | 8H | 10.94 | 11.29 | 12.11 | 12.46 | 14.08 | 14.21 | 14.56 | 15.38 | 15.72 | 17.35 |
| | 12H | 10.90 | 11.22 | 12.08 | 12.39 | 14.02 | 14.25 | 14.58 | 15.44 | 15.75 | 17.38 |
| 8H | 4H | 11.26 | 11.62 | 12.43 | 12.78 | 14.40 | 13.86 | 14.22 | 15.03 | 15.38 | 17.01 |
| | 6H | 11.51 | 11.81 | 12.70 | 13.01 | 14.63 | 14.29 | 14.58 | 15.48 | 15.79 | 17.41 |
| | 8H | 11.55 | 11.81 | 12.75 | 12.99 | 14.63 | 14.44 | 14.69 | 15.63 | 15.88 | 17.52 |
| | 12H | 11.53 | 11.75 | 12.73 | 12.93 | 14.61 | 14.53 | 14.75 | 15.73 | 15.93 | 17.61 |
| 12H | 4H | 11.26 | 11.58 | 12.44 | 12.75 | 14.38 | 13.82 | 14.14 | 15.00 | 15.31 | 16.94 |
| | 6H | 11.57 | 11.83 | 12.77 | 13.01 | 14.65 | 14.28 | 14.54 | 15.48 | 15.72 | 17.37 |
| | 8H | 11.63 | 11.86 | 12.83 | 13.03 | 14.71 | 14.44 | 14.66 | 15.64 | 15.84 | 17.52 |