

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: P934979

Luminaire Tested: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934979
REPORT IS A COMBINATION OF REPORTS P933717 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

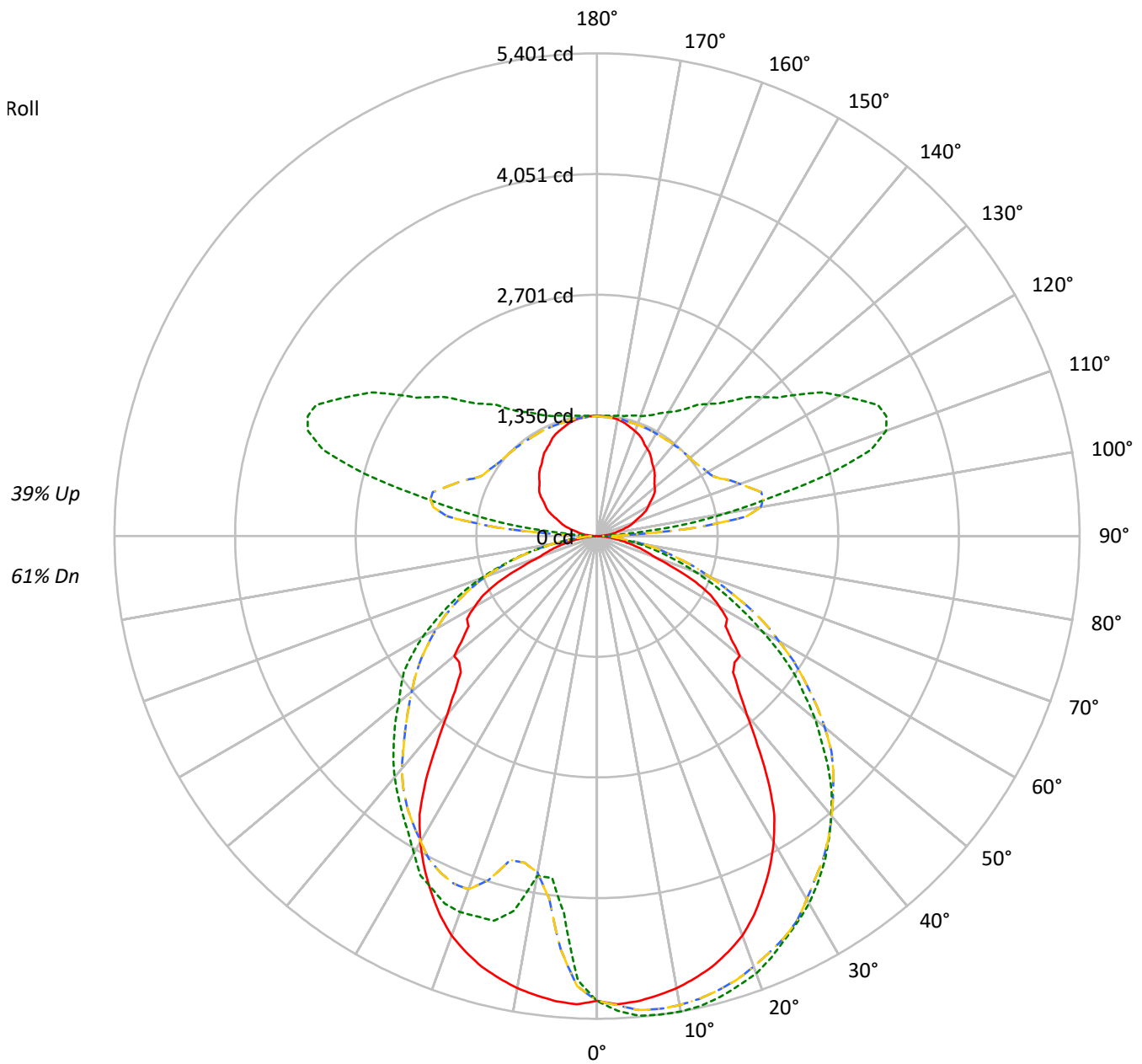
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22191.1 lumens
Efficiency: N/A
Efficacy: 119.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 186
Input Voltage (V): NR
Input Current (A_{in}): 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: P934979
CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16083 | 16083 | 16083 | 16083 |
| 5° | 16209 | 16235 | 16209 | 12766 |
| 10° | 16107 | 15992 | 16107 | 11433 |
| 15° | 15937 | 15645 | 15937 | 13064 |
| 20° | 15610 | 15235 | 15610 | 13092 |
| 25° | 14934 | 14636 | 14934 | 12814 |
| 30° | 14058 | 14139 | 14058 | 12205 |
| 35° | 12539 | 13511 | 12539 | 11536 |
| 40° | 10454 | 12771 | 10454 | 11030 |
| 45° | 9347 | 11904 | 9347 | 10448 |
| 50° | 9938 | 10871 | 9938 | 9865 |
| 55° | 9359 | 9758 | 9359 | 9527 |
| 60° | 9659 | 8287 | 9659 | 8726 |
| 65° | 8772 | 6851 | 8772 | 7658 |
| 70° | 6089 | 5460 | 6089 | 6419 |
| 75° | 5359 | 4036 | 5359 | 4833 |
| 80° | 4351 | 2668 | 4351 | 2905 |
| 85° | 2550 | 1413 | 2550 | 1201 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14316 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 469.4 | 2.1 |
| 10°-20° | 1332.6 | 6.0 |
| 20°-30° | 2060.0 | 9.3 |
| 30°-40° | 2459.2 | 11.1 |
| 40°-50° | 2473.6 | 11.1 |
| 50°-60° | 2152.4 | 9.7 |
| 60°-70° | 1526.1 | 6.9 |
| 70°-80° | 807.4 | 3.6 |
| 80°-90° | 206.2 | 0.9 |
| 90°-100° | 654.5 | 2.9 |
| 100°-110° | 1720.7 | 7.8 |
| 110°-120° | 1784.2 | 8.0 |
| 120°-130° | 1431.2 | 6.4 |
| 130°-140° | 1122.9 | 5.1 |
| 140°-150° | 861.9 | 3.9 |
| 150°-160° | 620.7 | 2.8 |
| 160°-170° | 379.8 | 1.7 |
| 170°-180° | 128.3 | 0.6 |
| 0°-30° | 3862.0 | 17.4 |
| 0°-40° | 6321.2 | 28.5 |
| 0°-60° | 10947.2 | 49.3 |
| 0°-90° | 13486.8 | 60.8 |
| 90°-120° | 4159.4 | 18.7 |
| 90°-150° | 7575.4 | 34.1 |
| 90°-180° | 8704.0 | 39.2 |
| 0°-180° | 22191.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 5200 | 5200 | 5200 | 5200 | 5200 | |
| 5° | 5224 | 5387 | 5224 | 4236 | 5224 | 496 |
| 15° | 4988 | 5337 | 4988 | 4457 | 4988 | 1403 |
| 25° | 4393 | 4978 | 4393 | 4358 | 4393 | 2017 |
| 35° | 3340 | 4442 | 3340 | 3793 | 3340 | 2066 |
| 45° | 2155 | 3660 | 2155 | 3212 | 2155 | 1726 |
| 55° | 1756 | 2701 | 1756 | 2637 | 1756 | 1614 |
| 65° | 1220 | 1628 | 1220 | 1820 | 1220 | 1166 |
| 75° | 462 | 772 | 462 | 925 | 462 | 486 |
| 85° | 79 | 197 | 79 | 167 | 79 | 106 |
| 90° | 9 | 34 | 9 | 34 | 9 | 11 |
| 95° | 86 | 396 | 86 | 396 | 86 | 96 |
| 105° | 310 | 2694 | 310 | 2694 | 310 | 329 |
| 115° | 551 | 3469 | 551 | 3469 | 551 | 544 |
| 125° | 766 | 2763 | 766 | 2763 | 766 | 680 |
| 135° | 913 | 2144 | 913 | 2144 | 913 | 706 |
| 145° | 1059 | 1739 | 1059 | 1739 | 1059 | 663 |
| 155° | 1197 | 1498 | 1197 | 1498 | 1197 | 550 |
| 165° | 1291 | 1395 | 1291 | 1395 | 1291 | 364 |
| 175° | 1343 | 1352 | 1343 | 1352 | 1343 | 127 |
| 180° | 1343 | 1343 | 1343 | 1343 | 1343 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 |
| 2.5° | 5243.9 | 5243.9 | 5273.4 | 5283.3 | 5283.3 | 5268.5 | 5253.7 | 5268.5 | 5312.7 | 5327.6 | 5322.6 |
| 5° | 5224.2 | 5263.6 | 5317.7 | 5327.6 | 5337.3 | 5332.4 | 5322.6 | 5332.4 | 5381.6 | 5391.5 | 5396.4 |
| 7.5° | 5184.8 | 5258.7 | 5327.6 | 5342.3 | 5357.0 | 5342.3 | 5337.3 | 5347.2 | 5396.4 | 5406.2 | 5406.2 |
| 10° | 5135.7 | 5239.0 | 5317.7 | 5327.6 | 5342.3 | 5327.6 | 5327.6 | 5347.2 | 5396.4 | 5406.2 | 5411.2 |
| 12.5° | 5066.8 | 5209.4 | 5283.3 | 5293.1 | 5312.7 | 5307.8 | 5302.9 | 5322.6 | 5371.7 | 5381.6 | 5381.6 |
| 15° | 4988.1 | 5155.4 | 5224.2 | 5234.1 | 5268.5 | 5258.7 | 5258.7 | 5278.3 | 5332.4 | 5347.2 | 5342.3 |
| 17.5° | 4879.9 | 5086.5 | 5165.2 | 5180.0 | 5204.5 | 5199.7 | 5204.5 | 5224.2 | 5273.4 | 5283.3 | 5288.1 |
| 20° | 4756.9 | 4993.0 | 5086.5 | 5101.2 | 5125.8 | 5125.8 | 5125.8 | 5150.4 | 5199.7 | 5219.3 | 5219.3 |
| 22.5° | 4589.7 | 4894.6 | 4993.0 | 5002.9 | 5032.4 | 5032.4 | 5042.2 | 5076.6 | 5120.9 | 5125.8 | 5125.8 |
| 25° | 4392.9 | 4786.4 | 4870.0 | 4899.6 | 4929.1 | 4943.8 | 4958.6 | 4978.2 | 4993.0 | 4988.1 | 4993.0 |
| 27.5° | 4186.3 | 4648.7 | 4756.9 | 4776.6 | 4815.9 | 4830.7 | 4850.3 | 4855.3 | 4860.2 | 4874.9 | 4865.2 |
| 30° | 3955.1 | 4456.8 | 4619.1 | 4638.8 | 4702.8 | 4712.6 | 4693.0 | 4702.8 | 4727.4 | 4737.2 | 4747.0 |
| 32.5° | 3694.3 | 4171.5 | 4476.5 | 4520.8 | 4579.8 | 4550.3 | 4545.4 | 4560.1 | 4599.5 | 4599.5 | 4609.3 |
| 35° | 3340.1 | 3950.1 | 4343.6 | 4383.0 | 4427.3 | 4392.9 | 4412.5 | 4417.5 | 4442.1 | 4456.8 | 4451.9 |
| 37.5° | 2951.6 | 3758.3 | 4205.9 | 4235.5 | 4269.9 | 4225.6 | 4255.2 | 4269.9 | 4289.6 | 4279.7 | 4279.7 |
| 40° | 2607.2 | 3458.2 | 4043.6 | 4063.3 | 4092.8 | 4058.4 | 4087.9 | 4097.7 | 4107.6 | 4097.7 | 4092.8 |
| 42.5° | 2351.4 | 3128.6 | 3871.4 | 3896.1 | 3876.4 | 3900.9 | 3910.8 | 3930.5 | 3915.7 | 3896.1 | 3896.1 |
| 45° | 2154.6 | 3040.0 | 3684.5 | 3714.0 | 3684.5 | 3723.9 | 3738.6 | 3738.6 | 3694.3 | 3684.5 | 3679.6 |
| 47.5° | 2090.7 | 2863.0 | 3497.6 | 3497.6 | 3482.8 | 3532.0 | 3556.6 | 3522.1 | 3477.9 | 3463.1 | 3463.1 |
| 50° | 2085.8 | 2666.2 | 3241.8 | 3222.1 | 3290.9 | 3350.0 | 3325.4 | 3290.9 | 3256.5 | 3202.4 | 3202.4 |
| 52.5° | 1893.9 | 2425.2 | 2912.1 | 2986.0 | 3094.2 | 3128.6 | 3089.3 | 3054.9 | 2995.8 | 2971.2 | 2951.6 |
| 55° | 1756.1 | 2174.3 | 2612.1 | 2759.7 | 2872.8 | 2917.1 | 2843.3 | 2808.8 | 2720.4 | 2705.5 | 2695.8 |
| 57.5° | 1726.7 | 1810.3 | 2336.6 | 2523.6 | 2661.3 | 2656.4 | 2612.1 | 2548.2 | 2474.3 | 2459.6 | 2454.7 |
| 60° | 1584.0 | 1308.5 | 2041.5 | 2262.8 | 2405.5 | 2390.7 | 2351.4 | 2292.4 | 2223.5 | 2213.7 | 2203.8 |
| 62.5° | 1436.4 | 949.4 | 1707.0 | 1957.9 | 2159.5 | 2154.6 | 2120.2 | 2031.6 | 1982.5 | 1957.9 | 1938.2 |
| 65° | 1220.0 | 796.9 | 1215.0 | 1628.3 | 1918.5 | 1928.3 | 1854.6 | 1790.6 | 1736.4 | 1707.0 | 1702.0 |
| 67.5° | 929.8 | 649.3 | 821.5 | 1357.7 | 1687.3 | 1677.4 | 1584.0 | 1554.5 | 1485.6 | 1470.8 | 1441.3 |
| 70° | 688.7 | 432.9 | 570.6 | 1101.9 | 1461.0 | 1436.4 | 1362.6 | 1328.2 | 1264.3 | 1229.8 | 1210.1 |
| 72.5° | 570.6 | 349.2 | 418.1 | 855.9 | 1229.8 | 1200.3 | 1136.3 | 1097.0 | 1042.8 | 1013.4 | 993.7 |
| 75° | 462.4 | 368.9 | 319.8 | 634.6 | 998.6 | 978.9 | 919.9 | 880.5 | 836.2 | 796.9 | 801.8 |
| 77.5° | 339.4 | 344.4 | 255.8 | 467.3 | 792.0 | 762.5 | 728.0 | 678.9 | 659.2 | 619.9 | 619.9 |
| 80° | 255.8 | 270.5 | 191.9 | 319.8 | 570.6 | 570.6 | 541.1 | 506.7 | 472.3 | 452.5 | 452.5 |
| 82.5° | 172.2 | 172.2 | 142.6 | 201.6 | 388.7 | 373.8 | 354.2 | 344.4 | 324.7 | 314.8 | 314.8 |
| 85° | 78.7 | 98.4 | 88.6 | 123.0 | 211.5 | 221.3 | 221.3 | 211.5 | 206.6 | 196.8 | 201.6 |
| 87.5° | 24.6 | 44.3 | 54.1 | 68.9 | 108.2 | 113.2 | 118.0 | 118.0 | 118.0 | 123.0 | 123.0 |
| 90° | 9.0 | 16.2 | 23.4 | 25.2 | 39.6 | 58.9 | 68.5 | 60.9 | 45.6 | 34.2 | 34.2 |
| 92.5° | 36.0 | 97.3 | 158.6 | 173.9 | 244.5 | 338.6 | 385.7 | 338.0 | 242.7 | 171.2 | 164.4 |
| 95° | 86.5 | 198.6 | 310.9 | 338.9 | 601.7 | 952.1 | 1127.3 | 1006.0 | 763.3 | 581.2 | 560.6 |
| 97.5° | 149.6 | 248.5 | 347.5 | 372.2 | 810.5 | 1394.8 | 1686.9 | 1610.2 | 1456.8 | 1341.8 | 1302.5 |
| 100° | 198.3 | 288.0 | 377.7 | 400.1 | 886.4 | 1534.8 | 1859.0 | 1864.6 | 1875.9 | 1884.3 | 1837.5 |
| 102.5° | 239.7 | 323.5 | 407.1 | 428.0 | 921.2 | 1578.9 | 1907.8 | 2005.4 | 2200.9 | 2347.5 | 2307.5 |
| 105° | 310.0 | 380.9 | 451.7 | 469.5 | 947.1 | 1583.9 | 1902.3 | 2121.4 | 2559.6 | 2888.2 | 2866.7 |
| 107.5° | 382.1 | 448.2 | 514.2 | 530.8 | 951.9 | 1513.5 | 1794.2 | 2099.8 | 2711.0 | 3169.3 | 3174.5 |
| 110° | 430.7 | 490.4 | 550.1 | 565.0 | 944.7 | 1451.0 | 1704.1 | 2045.8 | 2729.0 | 3241.4 | 3263.8 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 478.5 | 535.4 | 592.3 | 606.5 | 945.1 | 1396.4 | 1622.1 | 1971.7 | 2671.0 | 3195.5 | 3229.9 |
| 115° | 550.6 | 603.0 | 655.5 | 668.6 | 953.7 | 1333.8 | 1523.8 | 1860.7 | 2534.3 | 3039.6 | 3087.3 |
| 117.5° | 621.8 | 669.5 | 717.1 | 729.0 | 971.4 | 1294.6 | 1456.2 | 1760.2 | 2368.1 | 2824.2 | 2877.2 |
| 120° | 663.3 | 708.1 | 752.9 | 764.2 | 985.9 | 1281.4 | 1429.2 | 1706.9 | 2262.4 | 2679.1 | 2730.5 |
| 122.5° | 703.8 | 749.0 | 794.3 | 805.6 | 1006.6 | 1274.5 | 1408.4 | 1658.5 | 2158.8 | 2534.0 | 2584.8 |
| 125° | 766.0 | 807.3 | 848.6 | 858.8 | 1034.5 | 1268.8 | 1386.0 | 1598.5 | 2023.4 | 2342.1 | 2388.9 |
| 127.5° | 816.5 | 858.1 | 899.8 | 910.2 | 1062.5 | 1265.5 | 1367.1 | 1549.5 | 1914.4 | 2188.0 | 2227.4 |
| 130° | 843.5 | 888.4 | 933.1 | 944.4 | 1082.9 | 1267.5 | 1359.8 | 1522.2 | 1847.0 | 2090.6 | 2127.1 |
| 132.5° | 871.4 | 916.3 | 961.1 | 972.3 | 1099.3 | 1268.8 | 1353.5 | 1498.8 | 1789.6 | 2007.8 | 2040.4 |
| 135° | 912.9 | 953.7 | 994.6 | 1004.8 | 1117.5 | 1267.6 | 1342.7 | 1464.4 | 1708.0 | 1890.6 | 1918.7 |
| 137.5° | 955.2 | 995.6 | 1036.2 | 1046.2 | 1144.5 | 1275.4 | 1340.9 | 1443.8 | 1649.7 | 1804.1 | 1827.1 |
| 140° | 990.3 | 1027.5 | 1064.8 | 1074.1 | 1161.0 | 1276.8 | 1334.6 | 1423.6 | 1601.4 | 1734.7 | 1756.2 |
| 142.5° | 1017.4 | 1051.8 | 1086.2 | 1094.9 | 1174.8 | 1281.3 | 1334.6 | 1412.7 | 1568.9 | 1686.1 | 1704.6 |
| 145° | 1058.8 | 1088.9 | 1118.9 | 1126.5 | 1192.8 | 1281.3 | 1325.6 | 1389.4 | 1517.3 | 1613.1 | 1627.1 |
| 147.5° | 1100.3 | 1129.6 | 1158.8 | 1166.1 | 1219.3 | 1290.1 | 1325.6 | 1375.9 | 1476.4 | 1551.8 | 1563.4 |
| 150° | 1127.3 | 1153.8 | 1180.2 | 1186.8 | 1233.1 | 1294.8 | 1325.6 | 1368.0 | 1452.9 | 1516.6 | 1526.0 |
| 152.5° | 1155.2 | 1175.3 | 1195.3 | 1200.3 | 1242.1 | 1297.8 | 1325.6 | 1361.8 | 1434.3 | 1488.7 | 1495.7 |
| 155° | 1196.7 | 1211.5 | 1226.4 | 1230.0 | 1261.9 | 1304.4 | 1325.6 | 1354.5 | 1412.1 | 1455.3 | 1460.1 |
| 157.5° | 1227.3 | 1241.8 | 1256.2 | 1259.8 | 1281.7 | 1311.0 | 1325.6 | 1348.0 | 1392.8 | 1426.5 | 1429.8 |
| 160° | 1248.1 | 1259.3 | 1270.6 | 1273.4 | 1290.8 | 1314.0 | 1325.6 | 1344.8 | 1383.2 | 1412.1 | 1414.1 |
| 162.5° | 1268.8 | 1277.2 | 1285.6 | 1287.7 | 1300.3 | 1317.2 | 1325.6 | 1341.8 | 1374.2 | 1398.6 | 1400.4 |
| 165° | 1291.4 | 1298.9 | 1306.5 | 1308.4 | 1314.2 | 1321.8 | 1325.6 | 1337.2 | 1360.4 | 1377.8 | 1379.8 |
| 167.5° | 1312.0 | 1315.6 | 1319.3 | 1320.2 | 1325.0 | 1331.4 | 1334.6 | 1342.2 | 1357.4 | 1368.8 | 1369.6 |
| 170° | 1325.6 | 1329.2 | 1332.9 | 1333.7 | 1334.0 | 1334.4 | 1334.6 | 1342.2 | 1357.4 | 1368.8 | 1368.8 |
| 172.5° | 1332.8 | 1333.5 | 1334.4 | 1334.6 | 1334.6 | 1334.6 | 1334.6 | 1340.6 | 1352.6 | 1361.6 | 1361.0 |
| 175° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1340.0 | 1336.4 | 1334.6 | 1338.4 | 1346.0 | 1351.8 | 1351.8 |
| 177.5° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1340.6 | 1337.8 | 1336.4 | 1339.4 | 1345.5 | 1349.9 | 1349.1 |
| 180° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 |



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CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 |
| 2.5° | 5332.4 | 5317.7 | 5332.4 | 5322.6 | 5327.6 | 5312.7 | 5268.5 | 5253.7 | 5268.5 | 5283.3 | 5283.3 |
| 5° | 5396.4 | 5386.6 | 5396.4 | 5396.4 | 5391.5 | 5381.6 | 5332.4 | 5322.6 | 5332.4 | 5337.3 | 5327.6 |
| 7.5° | 5416.0 | 5401.3 | 5416.0 | 5406.2 | 5406.2 | 5396.4 | 5347.2 | 5337.3 | 5342.3 | 5357.0 | 5342.3 |
| 10° | 5416.0 | 5401.3 | 5416.0 | 5411.2 | 5406.2 | 5396.4 | 5347.2 | 5327.6 | 5327.6 | 5342.3 | 5327.6 |
| 12.5° | 5391.5 | 5381.6 | 5391.5 | 5381.6 | 5381.6 | 5371.7 | 5322.6 | 5302.9 | 5307.8 | 5312.7 | 5293.1 |
| 15° | 5352.1 | 5337.3 | 5352.1 | 5342.3 | 5347.2 | 5332.4 | 5278.3 | 5258.7 | 5258.7 | 5268.5 | 5234.1 |
| 17.5° | 5293.1 | 5273.4 | 5293.1 | 5288.1 | 5283.3 | 5273.4 | 5224.2 | 5204.5 | 5199.7 | 5204.5 | 5180.0 |
| 20° | 5224.2 | 5209.4 | 5224.2 | 5219.3 | 5219.3 | 5199.7 | 5150.4 | 5125.8 | 5125.8 | 5125.8 | 5101.2 |
| 22.5° | 5116.0 | 5101.2 | 5116.0 | 5125.8 | 5125.8 | 5120.9 | 5076.6 | 5042.2 | 5032.4 | 5032.4 | 5002.9 |
| 25° | 4993.0 | 4978.2 | 4993.0 | 4993.0 | 4988.1 | 4993.0 | 4978.2 | 4958.6 | 4943.8 | 4929.1 | 4899.6 |
| 27.5° | 4874.9 | 4865.2 | 4874.9 | 4865.2 | 4874.9 | 4860.2 | 4855.3 | 4850.3 | 4830.7 | 4815.9 | 4776.6 |
| 30° | 4756.9 | 4747.0 | 4756.9 | 4747.0 | 4737.2 | 4727.4 | 4702.8 | 4693.0 | 4712.6 | 4702.8 | 4638.8 |
| 32.5° | 4609.3 | 4599.5 | 4609.3 | 4609.3 | 4599.5 | 4599.5 | 4560.1 | 4545.4 | 4550.3 | 4579.8 | 4520.8 |
| 35° | 4456.8 | 4442.1 | 4456.8 | 4451.9 | 4456.8 | 4442.1 | 4417.5 | 4412.5 | 4392.9 | 4427.3 | 4383.0 |
| 37.5° | 4279.7 | 4265.0 | 4279.7 | 4279.7 | 4279.7 | 4289.6 | 4269.9 | 4255.2 | 4225.6 | 4269.9 | 4235.5 |
| 40° | 4097.7 | 4078.0 | 4097.7 | 4092.8 | 4097.7 | 4107.6 | 4097.7 | 4087.9 | 4058.4 | 4092.8 | 4063.3 |
| 42.5° | 3891.1 | 3886.2 | 3891.1 | 3896.1 | 3896.1 | 3915.7 | 3930.5 | 3910.8 | 3900.9 | 3876.4 | 3896.1 |
| 45° | 3669.7 | 3659.9 | 3669.7 | 3679.6 | 3684.5 | 3694.3 | 3738.6 | 3738.6 | 3723.9 | 3684.5 | 3714.0 |
| 47.5° | 3433.7 | 3409.0 | 3433.7 | 3463.1 | 3463.1 | 3477.9 | 3522.1 | 3556.6 | 3532.0 | 3482.8 | 3497.6 |
| 50° | 3182.8 | 3187.6 | 3182.8 | 3202.4 | 3202.4 | 3256.5 | 3290.9 | 3325.4 | 3350.0 | 3290.9 | 3222.1 |
| 52.5° | 2936.7 | 2931.9 | 2936.7 | 2951.6 | 2971.2 | 2995.8 | 3054.9 | 3089.3 | 3128.6 | 3094.2 | 2986.0 |
| 55° | 2690.8 | 2700.7 | 2690.8 | 2695.8 | 2705.5 | 2720.4 | 2808.8 | 2843.3 | 2917.1 | 2872.8 | 2759.7 |
| 57.5° | 2444.9 | 2430.1 | 2444.9 | 2454.7 | 2459.6 | 2474.3 | 2548.2 | 2612.1 | 2656.4 | 2661.3 | 2523.6 |
| 60° | 2159.5 | 2139.8 | 2159.5 | 2203.8 | 2213.7 | 2223.5 | 2292.4 | 2351.4 | 2390.7 | 2405.5 | 2262.8 |
| 62.5° | 1908.6 | 1874.2 | 1908.6 | 1938.2 | 1957.9 | 1982.5 | 2031.6 | 2120.2 | 2154.6 | 2159.5 | 1957.9 |
| 65° | 1643.0 | 1628.3 | 1643.0 | 1702.0 | 1707.0 | 1736.4 | 1790.6 | 1854.6 | 1928.3 | 1918.5 | 1628.3 |
| 67.5° | 1401.9 | 1401.9 | 1401.9 | 1441.3 | 1470.8 | 1485.6 | 1554.5 | 1584.0 | 1677.4 | 1687.3 | 1357.7 |
| 70° | 1180.6 | 1175.7 | 1180.6 | 1210.1 | 1229.8 | 1264.3 | 1328.2 | 1362.6 | 1436.4 | 1461.0 | 1101.9 |
| 72.5° | 969.1 | 964.2 | 969.1 | 993.7 | 1013.4 | 1042.8 | 1097.0 | 1136.3 | 1200.3 | 1229.8 | 855.9 |
| 75° | 782.2 | 772.3 | 782.2 | 801.8 | 796.9 | 836.2 | 880.5 | 919.9 | 978.9 | 998.6 | 634.6 |
| 77.5° | 600.1 | 600.1 | 600.1 | 619.9 | 619.9 | 659.2 | 678.9 | 728.0 | 762.5 | 792.0 | 467.3 |
| 80° | 447.7 | 442.7 | 447.7 | 452.5 | 452.5 | 472.3 | 506.7 | 541.1 | 570.6 | 570.6 | 319.8 |
| 82.5° | 314.8 | 304.9 | 314.8 | 314.8 | 314.8 | 324.7 | 344.4 | 354.2 | 373.8 | 388.7 | 201.6 |
| 85° | 196.8 | 196.8 | 196.8 | 201.6 | 196.8 | 206.6 | 211.5 | 221.3 | 221.3 | 211.5 | 123.0 |
| 87.5° | 127.9 | 123.0 | 127.9 | 123.0 | 123.0 | 118.0 | 118.0 | 118.0 | 113.2 | 108.2 | 68.9 |
| 90° | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 45.6 | 60.9 | 68.5 | 58.9 | 39.6 | 25.2 |
| 92.5° | 137.2 | 110.0 | 137.2 | 164.4 | 171.2 | 242.7 | 338.0 | 385.7 | 338.6 | 244.5 | 173.9 |
| 95° | 478.1 | 395.6 | 478.1 | 560.6 | 581.2 | 763.3 | 1006.0 | 1127.3 | 952.1 | 601.7 | 338.9 |
| 97.5° | 1145.6 | 988.6 | 1145.6 | 1302.5 | 1341.8 | 1456.8 | 1610.2 | 1686.9 | 1394.8 | 810.5 | 372.2 |
| 100° | 1650.5 | 1463.5 | 1650.5 | 1837.5 | 1884.3 | 1875.9 | 1864.6 | 1859.0 | 1534.8 | 886.4 | 400.1 |
| 102.5° | 2147.2 | 1987.0 | 2147.2 | 2307.5 | 2347.5 | 2200.9 | 2005.4 | 1907.8 | 1578.9 | 921.2 | 428.0 |
| 105° | 2780.5 | 2694.4 | 2780.5 | 2866.7 | 2888.2 | 2559.6 | 2121.4 | 1902.3 | 1583.9 | 947.1 | 469.5 |
| 107.5° | 3195.4 | 3216.2 | 3195.4 | 3174.5 | 3169.3 | 2711.0 | 2099.8 | 1794.2 | 1513.5 | 951.9 | 530.8 |
| 110° | 3353.5 | 3443.2 | 3353.5 | 3263.8 | 3241.4 | 2729.0 | 2045.8 | 1704.1 | 1451.0 | 944.7 | 565.0 |



TEST NUMBER: P934979

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CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3367.7 | 3505.5 | 3367.7 | 3229.9 | 3195.5 | 2671.0 | 1971.7 | 1622.1 | 1396.4 | 945.1 | 606.5 |
| 115° | 3278.3 | 3469.4 | 3278.3 | 3087.3 | 3039.6 | 2534.3 | 1860.7 | 1523.8 | 1333.8 | 953.7 | 668.6 |
| 117.5° | 3089.0 | 3300.9 | 3089.0 | 2877.2 | 2824.2 | 2368.1 | 1760.2 | 1456.2 | 1294.6 | 971.4 | 729.0 |
| 120° | 2936.5 | 3142.3 | 2936.5 | 2730.5 | 2679.1 | 2262.4 | 1706.9 | 1429.2 | 1281.4 | 985.9 | 764.2 |
| 122.5° | 2787.8 | 2990.9 | 2787.8 | 2584.8 | 2534.0 | 2158.8 | 1658.5 | 1408.4 | 1274.5 | 1006.6 | 805.6 |
| 125° | 2575.9 | 2762.9 | 2575.9 | 2388.9 | 2342.1 | 2023.4 | 1598.5 | 1386.0 | 1268.8 | 1034.5 | 858.8 |
| 127.5° | 2385.3 | 2543.0 | 2385.3 | 2227.4 | 2188.0 | 1914.4 | 1549.5 | 1367.1 | 1265.5 | 1062.5 | 910.2 |
| 130° | 2272.9 | 2418.7 | 2272.9 | 2127.1 | 2090.6 | 1847.0 | 1522.2 | 1359.8 | 1267.5 | 1082.9 | 944.4 |
| 132.5° | 2170.9 | 2301.6 | 2170.9 | 2040.4 | 2007.8 | 1789.6 | 1498.8 | 1353.5 | 1268.8 | 1099.3 | 972.3 |
| 135° | 2031.3 | 2143.8 | 2031.3 | 1918.7 | 1890.6 | 1708.0 | 1464.4 | 1342.7 | 1267.6 | 1117.5 | 1004.8 |
| 137.5° | 1919.2 | 2011.4 | 1919.2 | 1827.1 | 1804.1 | 1649.7 | 1443.8 | 1340.9 | 1275.4 | 1144.5 | 1046.2 |
| 140° | 1842.4 | 1928.4 | 1842.4 | 1756.2 | 1734.7 | 1601.4 | 1423.6 | 1334.6 | 1276.8 | 1161.0 | 1074.1 |
| 142.5° | 1778.7 | 1852.7 | 1778.7 | 1704.6 | 1686.1 | 1568.9 | 1412.7 | 1334.6 | 1281.3 | 1174.8 | 1094.9 |
| 145° | 1683.2 | 1739.2 | 1683.2 | 1627.1 | 1613.1 | 1517.3 | 1389.4 | 1325.6 | 1281.3 | 1192.8 | 1126.5 |
| 147.5° | 1609.8 | 1656.3 | 1609.8 | 1563.4 | 1551.8 | 1476.4 | 1375.9 | 1325.6 | 1290.1 | 1219.3 | 1166.1 |
| 150° | 1563.7 | 1601.4 | 1563.7 | 1526.0 | 1516.6 | 1452.9 | 1368.0 | 1325.6 | 1294.8 | 1233.1 | 1186.8 |
| 152.5° | 1524.2 | 1552.6 | 1524.2 | 1495.7 | 1488.7 | 1434.3 | 1361.8 | 1325.6 | 1297.8 | 1242.1 | 1200.3 |
| 155° | 1478.9 | 1497.7 | 1478.9 | 1460.1 | 1455.3 | 1412.1 | 1354.5 | 1325.6 | 1304.4 | 1261.9 | 1230.0 |
| 157.5° | 1443.0 | 1456.2 | 1443.0 | 1429.8 | 1426.5 | 1392.8 | 1348.0 | 1325.6 | 1311.0 | 1281.7 | 1259.8 |
| 160° | 1421.6 | 1429.2 | 1421.6 | 1414.1 | 1412.1 | 1383.2 | 1344.8 | 1325.6 | 1314.0 | 1290.8 | 1273.4 |
| 162.5° | 1407.6 | 1414.8 | 1407.6 | 1400.4 | 1398.6 | 1374.2 | 1341.8 | 1325.6 | 1317.2 | 1300.3 | 1287.7 |
| 165° | 1387.3 | 1395.0 | 1387.3 | 1379.8 | 1377.8 | 1360.4 | 1337.2 | 1325.6 | 1321.8 | 1314.2 | 1308.4 |
| 167.5° | 1372.9 | 1376.1 | 1372.9 | 1369.6 | 1368.8 | 1357.4 | 1342.2 | 1334.6 | 1331.4 | 1325.0 | 1320.2 |
| 170° | 1368.8 | 1368.8 | 1368.8 | 1368.8 | 1368.8 | 1357.4 | 1342.2 | 1334.6 | 1334.4 | 1334.0 | 1333.7 |
| 172.5° | 1358.2 | 1355.3 | 1358.2 | 1361.0 | 1361.6 | 1352.6 | 1340.6 | 1334.6 | 1334.6 | 1334.6 | 1334.6 |
| 175° | 1351.8 | 1351.8 | 1351.8 | 1351.8 | 1351.8 | 1346.0 | 1338.4 | 1334.6 | 1336.4 | 1340.0 | 1342.7 |
| 177.5° | 1345.9 | 1342.7 | 1345.9 | 1349.1 | 1349.9 | 1345.5 | 1339.4 | 1336.4 | 1337.8 | 1340.6 | 1342.7 |
| 180° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 |



TEST NUMBER: P934979

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 |
| 2.5° | 5273.4 | 5243.9 | 5243.9 | 5194.7 | 5175.0 | 5160.3 | 5135.7 | 5061.9 | 5042.2 | 5022.5 | 5052.1 |
| 5° | 5317.7 | 5263.6 | 5224.2 | 5135.7 | 5061.9 | 5032.4 | 4938.9 | 4761.8 | 4643.7 | 4555.2 | 4506.0 |
| 7.5° | 5327.6 | 5258.7 | 5184.8 | 5047.1 | 4870.0 | 4791.3 | 4506.0 | 4181.3 | 4092.8 | 4014.1 | 3964.9 |
| 10° | 5317.7 | 5239.0 | 5135.7 | 4929.1 | 4510.9 | 4373.2 | 4087.9 | 3876.4 | 3822.2 | 3807.5 | 3822.2 |
| 12.5° | 5283.3 | 5209.4 | 5066.8 | 4722.4 | 4137.0 | 4043.6 | 3876.4 | 3753.3 | 3743.5 | 3768.2 | 3900.9 |
| 15° | 5224.2 | 5155.4 | 4988.1 | 4446.9 | 3930.5 | 3861.6 | 3743.5 | 3699.3 | 3753.3 | 3925.5 | 4324.0 |
| 17.5° | 5165.2 | 5086.5 | 4879.9 | 4176.4 | 3773.1 | 3723.9 | 3640.2 | 3728.8 | 4033.8 | 4265.0 | 4397.8 |
| 20° | 5086.5 | 4993.0 | 4756.9 | 3979.7 | 3659.9 | 3615.6 | 3576.3 | 3974.7 | 4205.9 | 4289.6 | 4363.3 |
| 22.5° | 4993.0 | 4894.6 | 4589.7 | 3841.9 | 3541.9 | 3507.4 | 3532.0 | 4112.4 | 4205.9 | 4265.0 | 4328.9 |
| 25° | 4870.0 | 4786.4 | 4392.9 | 3733.7 | 3448.4 | 3409.0 | 3502.5 | 4097.7 | 4151.8 | 4166.6 | 4294.5 |
| 27.5° | 4756.9 | 4648.7 | 4186.3 | 3635.3 | 3335.2 | 3320.5 | 3527.1 | 4033.8 | 4073.1 | 4087.9 | 4225.6 |
| 30° | 4619.1 | 4456.8 | 3955.1 | 3532.0 | 3217.2 | 3212.2 | 3532.0 | 3955.1 | 3945.2 | 3984.5 | 4122.3 |
| 32.5° | 4476.5 | 4171.5 | 3694.3 | 3404.1 | 3104.0 | 3099.2 | 3497.6 | 3836.9 | 3827.2 | 3881.2 | 3984.5 |
| 35° | 4343.6 | 3950.1 | 3340.1 | 3256.5 | 2961.4 | 2966.3 | 3414.0 | 3699.3 | 3704.2 | 3753.3 | 3817.3 |
| 37.5° | 4205.9 | 3758.3 | 2951.6 | 3094.2 | 2823.7 | 2823.7 | 3300.8 | 3571.3 | 3561.6 | 3576.3 | 3664.9 |
| 40° | 4043.6 | 3458.2 | 2607.2 | 2882.7 | 2695.8 | 2680.9 | 3163.1 | 3433.7 | 3399.2 | 3394.3 | 3517.3 |
| 42.5° | 3871.4 | 3128.6 | 2351.4 | 2602.2 | 2548.2 | 2528.5 | 2995.8 | 3266.4 | 3202.4 | 3217.2 | 3374.5 |
| 45° | 3684.5 | 3040.0 | 2154.6 | 2198.9 | 2395.7 | 2380.9 | 2813.8 | 3074.5 | 3030.3 | 3069.6 | 3231.9 |
| 47.5° | 3497.6 | 2863.0 | 2090.7 | 1825.0 | 2233.4 | 2228.4 | 2612.1 | 2887.6 | 2863.0 | 2902.3 | 3074.5 |
| 50° | 3241.8 | 2666.2 | 2085.8 | 1564.4 | 2051.3 | 2070.9 | 2371.0 | 2705.5 | 2705.5 | 2740.0 | 2922.0 |
| 52.5° | 2912.1 | 2425.2 | 1893.9 | 1416.8 | 1839.7 | 1898.9 | 2159.5 | 2548.2 | 2558.0 | 2592.5 | 2754.8 |
| 55° | 2612.1 | 2174.3 | 1756.1 | 1303.6 | 1588.9 | 1716.8 | 1952.9 | 2385.8 | 2405.5 | 2439.9 | 2587.5 |
| 57.5° | 2336.6 | 1810.3 | 1726.7 | 1170.7 | 1357.7 | 1480.7 | 1770.9 | 2228.4 | 2238.3 | 2267.8 | 2410.4 |
| 60° | 2041.5 | 1308.5 | 1584.0 | 1028.1 | 1156.0 | 1249.5 | 1603.7 | 2041.5 | 2075.9 | 2095.6 | 2218.5 |
| 62.5° | 1707.0 | 949.4 | 1436.4 | 929.8 | 1057.7 | 1077.3 | 1465.9 | 1864.4 | 1908.6 | 1923.4 | 1997.2 |
| 65° | 1215.0 | 796.9 | 1220.0 | 846.1 | 954.4 | 959.2 | 1318.3 | 1682.4 | 1721.7 | 1746.3 | 1800.4 |
| 67.5° | 821.5 | 649.3 | 929.8 | 767.4 | 875.6 | 880.5 | 1175.7 | 1470.8 | 1524.9 | 1544.7 | 1579.1 |
| 70° | 570.6 | 432.9 | 688.7 | 683.7 | 787.1 | 796.9 | 1023.2 | 1279.0 | 1328.2 | 1342.9 | 1362.6 |
| 72.5° | 418.1 | 349.2 | 570.6 | 614.9 | 693.6 | 703.5 | 865.8 | 1062.5 | 1111.7 | 1126.5 | 1136.3 |
| 75° | 319.8 | 368.9 | 462.4 | 536.1 | 590.3 | 595.3 | 708.3 | 865.8 | 900.2 | 910.1 | 914.9 |
| 77.5° | 255.8 | 344.4 | 339.4 | 432.9 | 482.1 | 472.3 | 555.9 | 669.0 | 698.6 | 698.6 | 698.6 |
| 80° | 191.9 | 270.5 | 255.8 | 309.9 | 354.2 | 344.4 | 398.5 | 477.1 | 487.0 | 496.8 | 492.0 |
| 82.5° | 142.6 | 172.2 | 172.2 | 196.8 | 236.1 | 226.3 | 265.6 | 309.9 | 309.9 | 309.9 | 319.8 |
| 85° | 88.6 | 98.4 | 78.7 | 103.3 | 132.8 | 127.9 | 147.6 | 167.2 | 172.2 | 172.2 | 162.3 |
| 87.5° | 54.1 | 44.3 | 24.6 | 39.3 | 59.0 | 59.0 | 68.9 | 73.7 | 68.9 | 68.9 | 68.9 |
| 90° | 23.4 | 16.2 | 9.0 | 16.2 | 23.4 | 25.2 | 39.6 | 58.9 | 68.5 | 60.9 | 45.6 |
| 92.5° | 158.6 | 97.3 | 36.0 | 97.3 | 158.6 | 173.9 | 244.5 | 338.6 | 385.7 | 338.0 | 242.7 |
| 95° | 310.9 | 198.6 | 86.5 | 198.6 | 310.9 | 338.9 | 601.7 | 952.1 | 1127.3 | 1006.0 | 763.3 |
| 97.5° | 347.5 | 248.5 | 149.6 | 248.5 | 347.5 | 372.2 | 810.5 | 1394.8 | 1686.9 | 1610.2 | 1456.8 |
| 100° | 377.7 | 288.0 | 198.3 | 288.0 | 377.7 | 400.1 | 886.4 | 1534.8 | 1859.0 | 1864.6 | 1875.9 |
| 102.5° | 407.1 | 323.5 | 239.7 | 323.5 | 407.1 | 428.0 | 921.2 | 1578.9 | 1907.8 | 2005.4 | 2200.9 |
| 105° | 451.7 | 380.9 | 310.0 | 380.9 | 451.7 | 469.5 | 947.1 | 1583.9 | 1902.3 | 2121.4 | 2559.6 |
| 107.5° | 514.2 | 448.2 | 382.1 | 448.2 | 514.2 | 530.8 | 951.9 | 1513.5 | 1794.2 | 2099.8 | 2711.0 |
| 110° | 550.1 | 490.4 | 430.7 | 490.4 | 550.1 | 565.0 | 944.7 | 1451.0 | 1704.1 | 2045.8 | 2729.0 |



TEST NUMBER: P934979

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CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 592.3 | 535.4 | 478.5 | 535.4 | 592.3 | 606.5 | 945.1 | 1396.4 | 1622.1 | 1971.7 | 2671.0 |
| 115° | 655.5 | 603.0 | 550.6 | 603.0 | 655.5 | 668.6 | 953.7 | 1333.8 | 1523.8 | 1860.7 | 2534.3 |
| 117.5° | 717.1 | 669.5 | 621.8 | 669.5 | 717.1 | 729.0 | 971.4 | 1294.6 | 1456.2 | 1760.2 | 2368.1 |
| 120° | 752.9 | 708.1 | 663.3 | 708.1 | 752.9 | 764.2 | 985.9 | 1281.4 | 1429.2 | 1706.9 | 2262.4 |
| 122.5° | 794.3 | 749.0 | 703.8 | 749.0 | 794.3 | 805.6 | 1006.6 | 1274.5 | 1408.4 | 1658.5 | 2158.8 |
| 125° | 848.6 | 807.3 | 766.0 | 807.3 | 848.6 | 858.8 | 1034.5 | 1268.8 | 1386.0 | 1598.5 | 2023.4 |
| 127.5° | 899.8 | 858.1 | 816.5 | 858.1 | 899.8 | 910.2 | 1062.5 | 1265.5 | 1367.1 | 1549.5 | 1914.4 |
| 130° | 933.1 | 888.4 | 843.5 | 888.4 | 933.1 | 944.4 | 1082.9 | 1267.5 | 1359.8 | 1522.2 | 1847.0 |
| 132.5° | 961.1 | 916.3 | 871.4 | 916.3 | 961.1 | 972.3 | 1099.3 | 1268.8 | 1353.5 | 1498.8 | 1789.6 |
| 135° | 994.6 | 953.7 | 912.9 | 953.7 | 994.6 | 1004.8 | 1117.5 | 1267.6 | 1342.7 | 1464.4 | 1708.0 |
| 137.5° | 1036.2 | 995.6 | 955.2 | 995.6 | 1036.2 | 1046.2 | 1144.5 | 1275.4 | 1340.9 | 1443.8 | 1649.7 |
| 140° | 1064.8 | 1027.5 | 990.3 | 1027.5 | 1064.8 | 1074.1 | 1161.0 | 1276.8 | 1334.6 | 1423.6 | 1601.4 |
| 142.5° | 1086.2 | 1051.8 | 1017.4 | 1051.8 | 1086.2 | 1094.9 | 1174.8 | 1281.3 | 1334.6 | 1412.7 | 1568.9 |
| 145° | 1118.9 | 1088.9 | 1058.8 | 1088.9 | 1118.9 | 1126.5 | 1192.8 | 1281.3 | 1325.6 | 1389.4 | 1517.3 |
| 147.5° | 1158.8 | 1129.6 | 1100.3 | 1129.6 | 1158.8 | 1166.1 | 1219.3 | 1290.1 | 1325.6 | 1375.9 | 1476.4 |
| 150° | 1180.2 | 1153.8 | 1127.3 | 1153.8 | 1180.2 | 1186.8 | 1233.1 | 1294.8 | 1325.6 | 1368.0 | 1452.9 |
| 152.5° | 1195.3 | 1175.3 | 1155.2 | 1175.3 | 1195.3 | 1200.3 | 1242.1 | 1297.8 | 1325.6 | 1361.8 | 1434.3 |
| 155° | 1226.4 | 1211.5 | 1196.7 | 1211.5 | 1226.4 | 1230.0 | 1261.9 | 1304.4 | 1325.6 | 1354.5 | 1412.1 |
| 157.5° | 1256.2 | 1241.8 | 1227.3 | 1241.8 | 1256.2 | 1259.8 | 1281.7 | 1311.0 | 1325.6 | 1348.0 | 1392.8 |
| 160° | 1270.6 | 1259.3 | 1248.1 | 1259.3 | 1270.6 | 1273.4 | 1290.8 | 1314.0 | 1325.6 | 1344.8 | 1383.2 |
| 162.5° | 1285.6 | 1277.2 | 1268.8 | 1277.2 | 1285.6 | 1287.7 | 1300.3 | 1317.2 | 1325.6 | 1341.8 | 1374.2 |
| 165° | 1306.5 | 1298.9 | 1291.4 | 1298.9 | 1306.5 | 1308.4 | 1314.2 | 1321.8 | 1325.6 | 1337.2 | 1360.4 |
| 167.5° | 1319.3 | 1315.6 | 1312.0 | 1315.6 | 1319.3 | 1320.2 | 1325.0 | 1331.4 | 1334.6 | 1342.2 | 1357.4 |
| 170° | 1332.9 | 1329.2 | 1325.6 | 1329.2 | 1332.9 | 1333.7 | 1334.0 | 1334.4 | 1334.6 | 1342.2 | 1357.4 |
| 172.5° | 1334.4 | 1333.5 | 1332.8 | 1333.5 | 1334.4 | 1334.6 | 1334.6 | 1334.6 | 1334.6 | 1340.6 | 1352.6 |
| 175° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1340.0 | 1336.4 | 1334.6 | 1338.4 | 1346.0 |
| 177.5° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1340.6 | 1337.8 | 1336.4 | 1339.4 | 1345.5 |
| 180° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 |



TEST NUMBER: P934979

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 |
| 2.5° | 5017.6 | 5002.9 | 5022.5 | 4968.5 | 5022.5 | 5002.9 | 5017.6 | 5052.1 | 5022.5 | 5042.2 | 5061.9 |
| 5° | 4402.7 | 4378.1 | 4299.4 | 4235.5 | 4299.4 | 4378.1 | 4402.7 | 4506.0 | 4555.2 | 4643.7 | 4761.8 |
| 7.5° | 3935.4 | 3915.7 | 3896.1 | 3856.7 | 3896.1 | 3915.7 | 3935.4 | 3964.9 | 4014.1 | 4092.8 | 4181.3 |
| 10° | 3832.1 | 3836.9 | 3866.5 | 3861.6 | 3866.5 | 3836.9 | 3832.1 | 3822.2 | 3807.5 | 3822.2 | 3876.4 |
| 12.5° | 4097.7 | 4142.0 | 4304.3 | 4294.5 | 4304.3 | 4142.0 | 4097.7 | 3900.9 | 3768.2 | 3743.5 | 3753.3 |
| 15° | 4402.7 | 4417.5 | 4451.9 | 4456.8 | 4451.9 | 4417.5 | 4402.7 | 4324.0 | 3925.5 | 3753.3 | 3699.3 |
| 17.5° | 4432.2 | 4437.1 | 4461.8 | 4461.8 | 4461.8 | 4437.1 | 4432.2 | 4397.8 | 4265.0 | 4033.8 | 3728.8 |
| 20° | 4407.6 | 4417.5 | 4466.7 | 4476.5 | 4466.7 | 4417.5 | 4407.6 | 4363.3 | 4289.6 | 4205.9 | 3974.7 |
| 22.5° | 4397.8 | 4417.5 | 4456.8 | 4451.9 | 4456.8 | 4417.5 | 4397.8 | 4328.9 | 4265.0 | 4205.9 | 4112.4 |
| 25° | 4348.6 | 4348.6 | 4353.5 | 4358.5 | 4353.5 | 4348.6 | 4348.6 | 4294.5 | 4166.6 | 4151.8 | 4097.7 |
| 27.5° | 4245.3 | 4255.2 | 4284.6 | 4279.7 | 4284.6 | 4255.2 | 4245.3 | 4225.6 | 4087.9 | 4073.1 | 4033.8 |
| 30° | 4151.8 | 4142.0 | 4117.4 | 4097.7 | 4117.4 | 4142.0 | 4151.8 | 4122.3 | 3984.5 | 3945.2 | 3955.1 |
| 32.5° | 3994.4 | 3969.8 | 3945.2 | 3930.5 | 3945.2 | 3969.8 | 3994.4 | 3984.5 | 3881.2 | 3827.2 | 3836.9 |
| 35° | 3807.5 | 3812.4 | 3807.5 | 3792.8 | 3807.5 | 3812.4 | 3807.5 | 3817.3 | 3753.3 | 3704.2 | 3699.3 |
| 37.5° | 3674.6 | 3684.5 | 3679.6 | 3659.9 | 3679.6 | 3684.5 | 3674.6 | 3664.9 | 3576.3 | 3561.6 | 3571.3 |
| 40° | 3536.9 | 3541.9 | 3536.9 | 3522.1 | 3536.9 | 3541.9 | 3536.9 | 3517.3 | 3394.3 | 3399.2 | 3433.7 |
| 42.5° | 3404.1 | 3399.2 | 3384.4 | 3374.5 | 3384.4 | 3399.2 | 3404.1 | 3374.5 | 3217.2 | 3202.4 | 3266.4 |
| 45° | 3251.6 | 3256.5 | 3227.0 | 3212.2 | 3227.0 | 3256.5 | 3251.6 | 3231.9 | 3069.6 | 3030.3 | 3074.5 |
| 47.5° | 3099.2 | 3099.2 | 3074.5 | 3059.7 | 3074.5 | 3099.2 | 3099.2 | 3074.5 | 2902.3 | 2863.0 | 2887.6 |
| 50° | 2936.7 | 2931.9 | 2897.4 | 2892.5 | 2897.4 | 2931.9 | 2936.7 | 2922.0 | 2740.0 | 2705.5 | 2705.5 |
| 52.5° | 2749.8 | 2749.8 | 2754.8 | 2764.6 | 2754.8 | 2749.8 | 2749.8 | 2754.8 | 2592.5 | 2558.0 | 2548.2 |
| 55° | 2587.5 | 2592.5 | 2626.9 | 2636.7 | 2626.9 | 2592.5 | 2587.5 | 2587.5 | 2439.9 | 2405.5 | 2385.8 |
| 57.5° | 2420.3 | 2420.3 | 2444.9 | 2444.9 | 2444.9 | 2420.3 | 2420.3 | 2410.4 | 2267.8 | 2238.3 | 2228.4 |
| 60° | 2228.4 | 2238.3 | 2258.0 | 2253.0 | 2258.0 | 2238.3 | 2228.4 | 2218.5 | 2095.6 | 2075.9 | 2041.5 |
| 62.5° | 2026.8 | 2036.5 | 2041.5 | 2031.6 | 2041.5 | 2036.5 | 2026.8 | 1997.2 | 1923.4 | 1908.6 | 1864.4 |
| 65° | 1815.2 | 1825.0 | 1830.0 | 1820.1 | 1830.0 | 1825.0 | 1815.2 | 1800.4 | 1746.3 | 1721.7 | 1682.4 |
| 67.5° | 1598.8 | 1593.8 | 1588.9 | 1608.5 | 1588.9 | 1593.8 | 1598.8 | 1579.1 | 1544.7 | 1524.9 | 1470.8 |
| 70° | 1377.3 | 1377.3 | 1372.5 | 1382.3 | 1372.5 | 1377.3 | 1377.3 | 1362.6 | 1342.9 | 1328.2 | 1279.0 |
| 72.5° | 1141.3 | 1136.3 | 1156.0 | 1141.3 | 1156.0 | 1136.3 | 1141.3 | 1136.3 | 1126.5 | 1111.7 | 1062.5 |
| 75° | 910.1 | 919.9 | 910.1 | 924.8 | 910.1 | 919.9 | 910.1 | 914.9 | 910.1 | 900.2 | 865.8 |
| 77.5° | 693.6 | 703.5 | 693.6 | 693.6 | 693.6 | 703.5 | 693.6 | 698.6 | 698.6 | 698.6 | 669.0 |
| 80° | 492.0 | 487.0 | 487.0 | 482.1 | 487.0 | 487.0 | 492.0 | 492.0 | 496.8 | 487.0 | 477.1 |
| 82.5° | 314.8 | 309.9 | 309.9 | 319.8 | 309.9 | 309.9 | 314.8 | 319.8 | 309.9 | 309.9 | 309.9 |
| 85° | 172.2 | 177.1 | 167.2 | 167.2 | 167.2 | 177.1 | 172.2 | 162.3 | 172.2 | 172.2 | 167.2 |
| 87.5° | 64.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 64.0 | 68.9 | 68.9 | 68.9 | 73.7 |
| 90° | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 45.6 | 60.9 | 68.5 | 58.9 |
| 92.5° | 171.2 | 164.4 | 137.2 | 110.0 | 137.2 | 164.4 | 171.2 | 242.7 | 338.0 | 385.7 | 338.6 |
| 95° | 581.2 | 560.6 | 478.1 | 395.6 | 478.1 | 560.6 | 581.2 | 763.3 | 1006.0 | 1127.3 | 952.1 |
| 97.5° | 1341.8 | 1302.5 | 1145.6 | 988.6 | 1145.6 | 1302.5 | 1341.8 | 1456.8 | 1610.2 | 1686.9 | 1394.8 |
| 100° | 1884.3 | 1837.5 | 1650.5 | 1463.5 | 1650.5 | 1837.5 | 1884.3 | 1875.9 | 1864.6 | 1859.0 | 1534.8 |
| 102.5° | 2347.5 | 2307.5 | 2147.2 | 1987.0 | 2147.2 | 2307.5 | 2347.5 | 2200.9 | 2005.4 | 1907.8 | 1578.9 |
| 105° | 2888.2 | 2866.7 | 2780.5 | 2694.4 | 2780.5 | 2866.7 | 2888.2 | 2559.6 | 2121.4 | 1902.3 | 1583.9 |
| 107.5° | 3169.3 | 3174.5 | 3195.4 | 3216.2 | 3195.4 | 3174.5 | 3169.3 | 2711.0 | 2099.8 | 1794.2 | 1513.5 |
| 110° | 3241.4 | 3263.8 | 3353.5 | 3443.2 | 3353.5 | 3263.8 | 3241.4 | 2729.0 | 2045.8 | 1704.1 | 1451.0 |



TEST NUMBER: P934979

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3195.5 | 3229.9 | 3367.7 | 3505.5 | 3367.7 | 3229.9 | 3195.5 | 2671.0 | 1971.7 | 1622.1 | 1396.4 |
| 115° | 3039.6 | 3087.3 | 3278.3 | 3469.4 | 3278.3 | 3087.3 | 3039.6 | 2534.3 | 1860.7 | 1523.8 | 1333.8 |
| 117.5° | 2824.2 | 2877.2 | 3089.0 | 3300.9 | 3089.0 | 2877.2 | 2824.2 | 2368.1 | 1760.2 | 1456.2 | 1294.6 |
| 120° | 2679.1 | 2730.5 | 2936.5 | 3142.3 | 2936.5 | 2730.5 | 2679.1 | 2262.4 | 1706.9 | 1429.2 | 1281.4 |
| 122.5° | 2534.0 | 2584.8 | 2787.8 | 2990.9 | 2787.8 | 2584.8 | 2534.0 | 2158.8 | 1658.5 | 1408.4 | 1274.5 |
| 125° | 2342.1 | 2388.9 | 2575.9 | 2762.9 | 2575.9 | 2388.9 | 2342.1 | 2023.4 | 1598.5 | 1386.0 | 1268.8 |
| 127.5° | 2188.0 | 2227.4 | 2385.3 | 2543.0 | 2385.3 | 2227.4 | 2188.0 | 1914.4 | 1549.5 | 1367.1 | 1265.5 |
| 130° | 2090.6 | 2127.1 | 2272.9 | 2418.7 | 2272.9 | 2127.1 | 2090.6 | 1847.0 | 1522.2 | 1359.8 | 1267.5 |
| 132.5° | 2007.8 | 2040.4 | 2170.9 | 2301.6 | 2170.9 | 2040.4 | 2007.8 | 1789.6 | 1498.8 | 1353.5 | 1268.8 |
| 135° | 1890.6 | 1918.7 | 2031.3 | 2143.8 | 2031.3 | 1918.7 | 1890.6 | 1708.0 | 1464.4 | 1342.7 | 1267.6 |
| 137.5° | 1804.1 | 1827.1 | 1919.2 | 2011.4 | 1919.2 | 1827.1 | 1804.1 | 1649.7 | 1443.8 | 1340.9 | 1275.4 |
| 140° | 1734.7 | 1756.2 | 1842.4 | 1928.4 | 1842.4 | 1756.2 | 1734.7 | 1601.4 | 1423.6 | 1334.6 | 1276.8 |
| 142.5° | 1686.1 | 1704.6 | 1778.7 | 1852.7 | 1778.7 | 1704.6 | 1686.1 | 1568.9 | 1412.7 | 1334.6 | 1281.3 |
| 145° | 1613.1 | 1627.1 | 1683.2 | 1739.2 | 1683.2 | 1627.1 | 1613.1 | 1517.3 | 1389.4 | 1325.6 | 1281.3 |
| 147.5° | 1551.8 | 1563.4 | 1609.8 | 1656.3 | 1609.8 | 1563.4 | 1551.8 | 1476.4 | 1375.9 | 1325.6 | 1290.1 |
| 150° | 1516.6 | 1526.0 | 1563.7 | 1601.4 | 1563.7 | 1526.0 | 1516.6 | 1452.9 | 1368.0 | 1325.6 | 1294.8 |
| 152.5° | 1488.7 | 1495.7 | 1524.2 | 1552.6 | 1524.2 | 1495.7 | 1488.7 | 1434.3 | 1361.8 | 1325.6 | 1297.8 |
| 155° | 1455.3 | 1460.1 | 1478.9 | 1497.7 | 1478.9 | 1460.1 | 1455.3 | 1412.1 | 1354.5 | 1325.6 | 1304.4 |
| 157.5° | 1426.5 | 1429.8 | 1443.0 | 1456.2 | 1443.0 | 1429.8 | 1426.5 | 1392.8 | 1348.0 | 1325.6 | 1311.0 |
| 160° | 1412.1 | 1414.1 | 1421.6 | 1429.2 | 1421.6 | 1414.1 | 1412.1 | 1383.2 | 1344.8 | 1325.6 | 1314.0 |
| 162.5° | 1398.6 | 1400.4 | 1407.6 | 1414.8 | 1407.6 | 1400.4 | 1398.6 | 1374.2 | 1341.8 | 1325.6 | 1317.2 |
| 165° | 1377.8 | 1379.8 | 1387.3 | 1395.0 | 1387.3 | 1379.8 | 1377.8 | 1360.4 | 1337.2 | 1325.6 | 1321.8 |
| 167.5° | 1368.8 | 1369.6 | 1372.9 | 1376.1 | 1372.9 | 1369.6 | 1368.8 | 1357.4 | 1342.2 | 1334.6 | 1331.4 |
| 170° | 1368.8 | 1368.8 | 1368.8 | 1368.8 | 1368.8 | 1368.8 | 1368.8 | 1357.4 | 1342.2 | 1334.6 | 1334.4 |
| 172.5° | 1361.6 | 1361.0 | 1358.2 | 1355.3 | 1358.2 | 1361.0 | 1361.6 | 1352.6 | 1340.6 | 1334.6 | 1334.6 |
| 175° | 1351.8 | 1351.8 | 1351.8 | 1351.8 | 1351.8 | 1351.8 | 1351.8 | 1346.0 | 1338.4 | 1334.6 | 1336.4 |
| 177.5° | 1349.9 | 1349.1 | 1345.9 | 1342.7 | 1345.9 | 1349.1 | 1349.9 | 1345.5 | 1339.4 | 1336.4 | 1337.8 |
| 180° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 |



TEST NUMBER: P934979

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 5199.7 | 5199.7 | 5199.7 | 5199.7 | 5199.7 |
| 2.5° | 5135.7 | 5160.3 | 5175.0 | 5194.7 | 5243.9 |
| 5° | 4938.9 | 5032.4 | 5061.9 | 5135.7 | 5224.2 |
| 7.5° | 4506.0 | 4791.3 | 4870.0 | 5047.1 | 5184.8 |
| 10° | 4087.9 | 4373.2 | 4510.9 | 4929.1 | 5135.7 |
| 12.5° | 3876.4 | 4043.6 | 4137.0 | 4722.4 | 5066.8 |
| 15° | 3743.5 | 3861.6 | 3930.5 | 4446.9 | 4988.1 |
| 17.5° | 3640.2 | 3723.9 | 3773.1 | 4176.4 | 4879.9 |
| 20° | 3576.3 | 3615.6 | 3659.9 | 3979.7 | 4756.9 |
| 22.5° | 3532.0 | 3507.4 | 3541.9 | 3841.9 | 4589.7 |
| 25° | 3502.5 | 3409.0 | 3448.4 | 3733.7 | 4392.9 |
| 27.5° | 3527.1 | 3320.5 | 3335.2 | 3635.3 | 4186.3 |
| 30° | 3532.0 | 3212.2 | 3217.2 | 3532.0 | 3955.1 |
| 32.5° | 3497.6 | 3099.2 | 3104.0 | 3404.1 | 3694.3 |
| 35° | 3414.0 | 2966.3 | 2961.4 | 3256.5 | 3340.1 |
| 37.5° | 3300.8 | 2823.7 | 2823.7 | 3094.2 | 2951.6 |
| 40° | 3163.1 | 2680.9 | 2695.8 | 2882.7 | 2607.2 |
| 42.5° | 2995.8 | 2528.5 | 2548.2 | 2602.2 | 2351.4 |
| 45° | 2813.8 | 2380.9 | 2395.7 | 2198.9 | 2154.6 |
| 47.5° | 2612.1 | 2228.4 | 2233.4 | 1825.0 | 2090.7 |
| 50° | 2371.0 | 2070.9 | 2051.3 | 1564.4 | 2085.8 |
| 52.5° | 2159.5 | 1898.9 | 1839.7 | 1416.8 | 1893.9 |
| 55° | 1952.9 | 1716.8 | 1588.9 | 1303.6 | 1756.1 |
| 57.5° | 1770.9 | 1480.7 | 1357.7 | 1170.7 | 1726.7 |
| 60° | 1603.7 | 1249.5 | 1156.0 | 1028.1 | 1584.0 |
| 62.5° | 1465.9 | 1077.3 | 1057.7 | 929.8 | 1436.4 |
| 65° | 1318.3 | 959.2 | 954.4 | 846.1 | 1220.0 |
| 67.5° | 1175.7 | 880.5 | 875.6 | 767.4 | 929.8 |
| 70° | 1023.2 | 796.9 | 787.1 | 683.7 | 688.7 |
| 72.5° | 865.8 | 703.5 | 693.6 | 614.9 | 570.6 |
| 75° | 708.3 | 595.3 | 590.3 | 536.1 | 462.4 |
| 77.5° | 555.9 | 472.3 | 482.1 | 432.9 | 339.4 |
| 80° | 398.5 | 344.4 | 354.2 | 309.9 | 255.8 |
| 82.5° | 265.6 | 226.3 | 236.1 | 196.8 | 172.2 |
| 85° | 147.6 | 127.9 | 132.8 | 103.3 | 78.7 |
| 87.5° | 68.9 | 59.0 | 59.0 | 39.3 | 24.6 |
| 90° | 39.6 | 25.2 | 23.4 | 16.2 | 9.0 |
| 92.5° | 244.5 | 173.9 | 158.6 | 97.3 | 36.0 |
| 95° | 601.7 | 338.9 | 310.9 | 198.6 | 86.5 |
| 97.5° | 810.5 | 372.2 | 347.5 | 248.5 | 149.6 |
| 100° | 886.4 | 400.1 | 377.7 | 288.0 | 198.3 |
| 102.5° | 921.2 | 428.0 | 407.1 | 323.5 | 239.7 |
| 105° | 947.1 | 469.5 | 451.7 | 380.9 | 310.0 |
| 107.5° | 951.9 | 530.8 | 514.2 | 448.2 | 382.1 |
| 110° | 944.7 | 565.0 | 550.1 | 490.4 | 430.7 |



TEST NUMBER: P934979

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 945.1 | 606.5 | 592.3 | 535.4 | 478.5 |
| 115° | 953.7 | 668.6 | 655.5 | 603.0 | 550.6 |
| 117.5° | 971.4 | 729.0 | 717.1 | 669.5 | 621.8 |
| 120° | 985.9 | 764.2 | 752.9 | 708.1 | 663.3 |
| 122.5° | 1006.6 | 805.6 | 794.3 | 749.0 | 703.8 |
| 125° | 1034.5 | 858.8 | 848.6 | 807.3 | 766.0 |
| 127.5° | 1062.5 | 910.2 | 899.8 | 858.1 | 816.5 |
| 130° | 1082.9 | 944.4 | 933.1 | 888.4 | 843.5 |
| 132.5° | 1099.3 | 972.3 | 961.1 | 916.3 | 871.4 |
| 135° | 1117.5 | 1004.8 | 994.6 | 953.7 | 912.9 |
| 137.5° | 1144.5 | 1046.2 | 1036.2 | 995.6 | 955.2 |
| 140° | 1161.0 | 1074.1 | 1064.8 | 1027.5 | 990.3 |
| 142.5° | 1174.8 | 1094.9 | 1086.2 | 1051.8 | 1017.4 |
| 145° | 1192.8 | 1126.5 | 1118.9 | 1088.9 | 1058.8 |
| 147.5° | 1219.3 | 1166.1 | 1158.8 | 1129.6 | 1100.3 |
| 150° | 1233.1 | 1186.8 | 1180.2 | 1153.8 | 1127.3 |
| 152.5° | 1242.1 | 1200.3 | 1195.3 | 1175.3 | 1155.2 |
| 155° | 1261.9 | 1230.0 | 1226.4 | 1211.5 | 1196.7 |
| 157.5° | 1281.7 | 1259.8 | 1256.2 | 1241.8 | 1227.3 |
| 160° | 1290.8 | 1273.4 | 1270.6 | 1259.3 | 1248.1 |
| 162.5° | 1300.3 | 1287.7 | 1285.6 | 1277.2 | 1268.8 |
| 165° | 1314.2 | 1308.4 | 1306.5 | 1298.9 | 1291.4 |
| 167.5° | 1325.0 | 1320.2 | 1319.3 | 1315.6 | 1312.0 |
| 170° | 1334.0 | 1333.7 | 1332.9 | 1329.2 | 1325.6 |
| 172.5° | 1334.6 | 1334.6 | 1334.4 | 1333.5 | 1332.8 |
| 175° | 1340.0 | 1342.7 | 1342.7 | 1342.7 | 1342.7 |
| 177.5° | 1340.6 | 1342.7 | 1342.7 | 1342.7 | 1342.7 |
| 180° | 1342.7 | 1342.7 | 1342.7 | 1342.7 | 1342.7 |



TEST NUMBER: P934979

CATALOG NUMBER: SQ4-FA-075U-125D-B2750-1D-UNV-STD-W-12-3500K

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 | 15.40 | 16.37 | 16.26 | 17.25 | 18.36 | 18.25 | 19.22 | 19.11 | 20.10 | 21.21 |
| | 3H | 15.89 | 16.75 | 16.76 | 17.64 | 18.78 | 19.61 | 20.48 | 20.48 | 21.37 | 22.51 |
| | 4H | 16.08 | 16.90 | 16.97 | 17.80 | 18.94 | 20.07 | 20.89 | 20.95 | 21.78 | 22.93 |
| | 6H | 16.21 | 16.96 | 17.11 | 17.87 | 19.02 | 20.36 | 21.12 | 21.26 | 22.02 | 23.18 |
| | 8H | 16.21 | 16.93 | 17.12 | 17.85 | 19.01 | 20.44 | 21.16 | 21.35 | 22.08 | 23.24 |
| | 12H | 16.19 | 16.87 | 17.10 | 17.79 | 18.97 | 20.49 | 21.17 | 21.40 | 22.09 | 23.27 |
| 4H | 2H | 16.45 | 17.27 | 17.34 | 18.17 | 19.31 | 18.67 | 19.49 | 19.57 | 20.39 | 21.53 |
| | 3H | 17.49 | 18.17 | 18.39 | 19.10 | 20.26 | 20.20 | 20.88 | 21.10 | 21.81 | 22.97 |
| | 4H | 17.77 | 18.39 | 18.68 | 19.32 | 20.50 | 20.73 | 21.36 | 21.65 | 22.28 | 23.47 |
| | 6H | 17.90 | 18.44 | 18.83 | 19.39 | 20.57 | 21.11 | 21.65 | 22.04 | 22.59 | 23.78 |
| | 8H | 17.91 | 18.41 | 18.84 | 19.35 | 20.55 | 21.22 | 21.72 | 22.15 | 22.67 | 23.87 |
| | 12H | 17.88 | 18.33 | 18.83 | 19.29 | 20.50 | 21.29 | 21.74 | 22.24 | 22.70 | 23.91 |
| 8H | 4H | 18.24 | 18.74 | 19.17 | 19.68 | 20.88 | 20.87 | 21.37 | 21.80 | 22.31 | 23.51 |
| | 6H | 18.50 | 18.92 | 19.46 | 19.90 | 21.10 | 21.31 | 21.73 | 22.27 | 22.71 | 23.91 |
| | 8H | 18.54 | 18.91 | 19.51 | 19.89 | 21.10 | 21.47 | 21.84 | 22.44 | 22.81 | 24.03 |
| | 12H | 18.53 | 18.86 | 19.50 | 19.82 | 21.09 | 21.58 | 21.90 | 22.55 | 22.87 | 24.13 |
| 12H | 4H | 18.25 | 18.70 | 19.20 | 19.66 | 20.87 | 20.84 | 21.29 | 21.79 | 22.25 | 23.45 |
| | 6H | 18.56 | 18.93 | 19.53 | 19.90 | 21.12 | 21.31 | 21.68 | 22.28 | 22.65 | 23.87 |
| | 8H | 18.64 | 18.96 | 19.61 | 19.93 | 21.19 | 21.48 | 21.80 | 22.45 | 22.77 | 24.04 |