

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: P935378

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935378
REPORT IS A COMBINATION OF REPORTS P933749 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

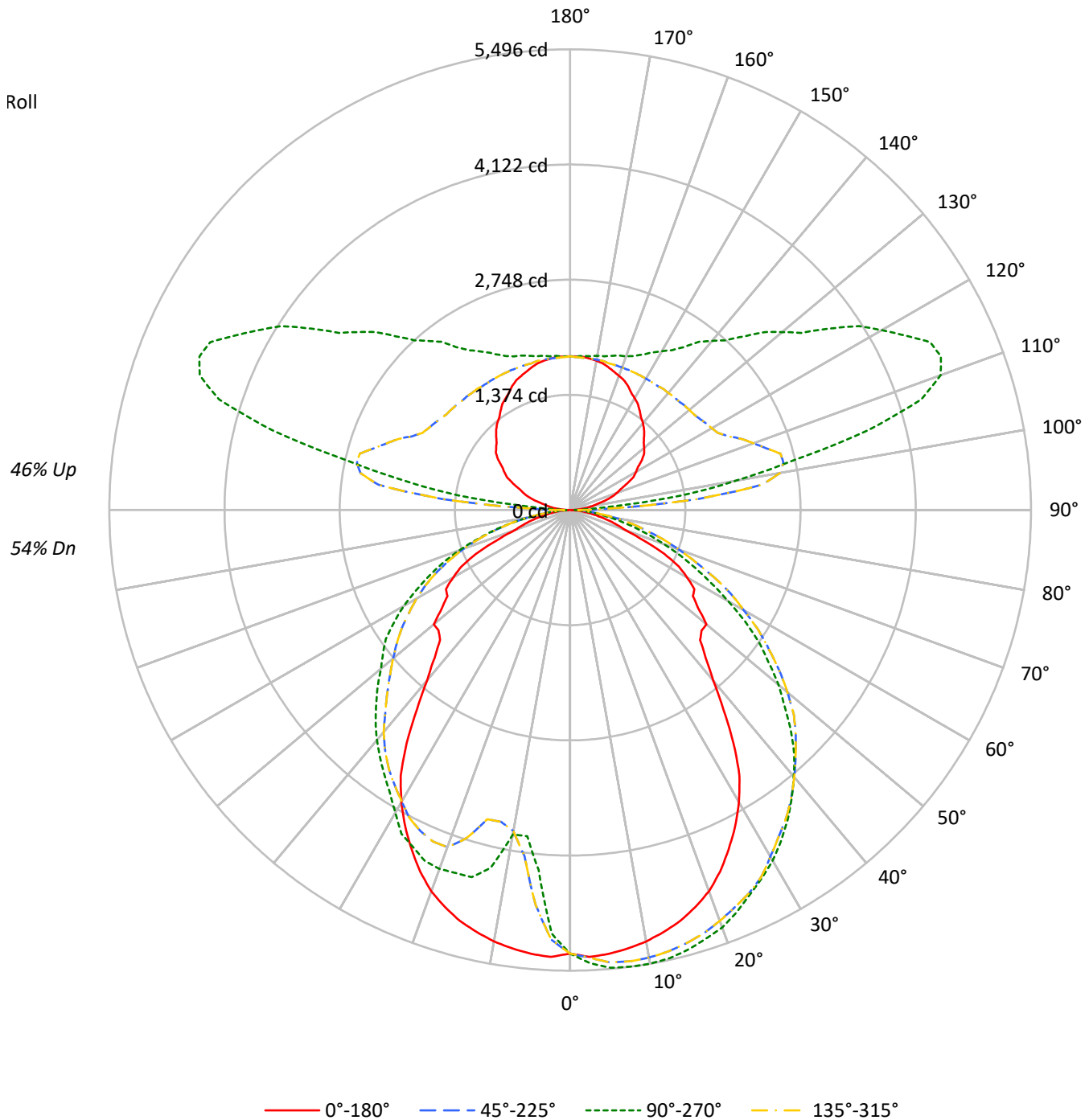
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25609.4 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 206.4
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: P935378
CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

Luminous Intensity Polar Plot





TEST NUMBER: P935378

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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 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 72 | 72 | 72 | 59 | 59 | 59 | 54 | | | |
| 1 | 99 | 94 | 90 | 87 | 91 | 88 | 84 | 81 | 75 | 73 | 70 | 63 | 62 | 60 | 53 | 51 | 50 | 45 | | | |
| 2 | 90 | 82 | 76 | 71 | 83 | 77 | 71 | 67 | 66 | 62 | 58 | 56 | 53 | 50 | 46 | 44 | 42 | 38 | | | |
| 3 | 82 | 72 | 65 | 59 | 76 | 67 | 61 | 56 | 58 | 53 | 49 | 49 | 46 | 42 | 41 | 38 | 36 | 32 | | | |
| 4 | 75 | 64 | 56 | 50 | 69 | 60 | 53 | 47 | 51 | 46 | 42 | 44 | 40 | 36 | 37 | 34 | 31 | 28 | | | |
| 5 | 69 | 57 | 49 | 43 | 64 | 53 | 46 | 41 | 46 | 40 | 36 | 39 | 35 | 31 | 33 | 30 | 27 | 24 | | | |
| 6 | 63 | 51 | 43 | 37 | 59 | 48 | 41 | 35 | 41 | 36 | 31 | 35 | 31 | 28 | 30 | 26 | 24 | 21 | | | |
| 7 | 59 | 46 | 38 | 33 | 54 | 43 | 36 | 31 | 38 | 32 | 28 | 32 | 28 | 24 | 27 | 24 | 21 | 19 | | | |
| 8 | 54 | 42 | 34 | 29 | 50 | 39 | 32 | 27 | 34 | 29 | 24 | 29 | 25 | 22 | 25 | 22 | 19 | 17 | | | |
| 9 | 51 | 38 | 31 | 26 | 47 | 36 | 29 | 24 | 31 | 26 | 22 | 27 | 23 | 19 | 23 | 20 | 17 | 15 | | | |
| 10 | 47 | 35 | 28 | 23 | 44 | 33 | 26 | 22 | 29 | 23 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16365 | 16365 | 16365 | 16365 |
| 5° | 16493 | 16520 | 16493 | 12990 |
| 10° | 16389 | 16273 | 16389 | 11634 |
| 15° | 16217 | 15920 | 16217 | 13294 |
| 20° | 15884 | 15502 | 15884 | 13321 |
| 25° | 15196 | 14893 | 15196 | 13039 |
| 30° | 14305 | 14387 | 14305 | 12420 |
| 35° | 12759 | 13748 | 12759 | 11738 |
| 40° | 10637 | 12995 | 10637 | 11223 |
| 45° | 9511 | 12113 | 9511 | 10632 |
| 50° | 10113 | 11062 | 10113 | 10038 |
| 55° | 9523 | 9930 | 9523 | 9694 |
| 60° | 9829 | 8433 | 9829 | 8879 |
| 65° | 8926 | 6971 | 8926 | 7792 |
| 70° | 6196 | 5555 | 6196 | 6532 |
| 75° | 5453 | 4106 | 5453 | 4917 |
| 80° | 4427 | 2715 | 4427 | 2956 |
| 85° | 2595 | 1439 | 2595 | 1222 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14568 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 477.6 | 1.9 |
| 10°-20° | 1356.0 | 5.3 |
| 20°-30° | 2096.2 | 8.2 |
| 30°-40° | 2502.4 | 9.8 |
| 40°-50° | 2517.0 | 9.8 |
| 50°-60° | 2190.1 | 8.6 |
| 60°-70° | 1552.8 | 6.1 |
| 70°-80° | 821.5 | 3.2 |
| 80°-90° | 211.6 | 0.8 |
| 90°-100° | 893.6 | 3.5 |
| 100°-110° | 2349.4 | 9.2 |
| 110°-120° | 2436.0 | 9.5 |
| 120°-130° | 1954.0 | 7.6 |
| 130°-140° | 1533.2 | 6.0 |
| 140°-150° | 1176.8 | 4.6 |
| 150°-160° | 847.5 | 3.3 |
| 160°-170° | 518.5 | 2.0 |
| 170°-180° | 175.2 | 0.7 |
| 0°-30° | 3929.8 | 15.3 |
| 0°-40° | 6432.1 | 25.1 |
| 0°-60° | 11139.3 | 43.5 |
| 0°-90° | 13725.2 | 53.6 |
| 90°-120° | 5679.0 | 22.2 |
| 90°-150° | 10343.0 | 40.4 |
| 90°-180° | 11884.0 | 46.4 |
| 0°-180° | 25609.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 5291 | 5291 | 5291 | 5291 | 5291 | |
| 5° | 5316 | 5481 | 5316 | 4310 | 5316 | 504 |
| 15° | 5076 | 5431 | 5076 | 4535 | 5076 | 1428 |
| 25° | 4470 | 5066 | 4470 | 4435 | 4470 | 2052 |
| 35° | 3399 | 4520 | 3399 | 3859 | 3399 | 2103 |
| 45° | 2192 | 3724 | 2192 | 3269 | 2192 | 1756 |
| 55° | 1787 | 2748 | 1787 | 2683 | 1787 | 1642 |
| 65° | 1241 | 1657 | 1241 | 1852 | 1241 | 1186 |
| 75° | 470 | 786 | 470 | 941 | 470 | 495 |
| 85° | 80 | 200 | 80 | 170 | 80 | 108 |
| 90° | 12 | 47 | 12 | 47 | 12 | 14 |
| 95° | 118 | 540 | 118 | 540 | 118 | 131 |
| 105° | 423 | 3679 | 423 | 3679 | 423 | 449 |
| 115° | 752 | 4737 | 752 | 4737 | 752 | 742 |
| 125° | 1046 | 3772 | 1046 | 3772 | 1046 | 929 |
| 135° | 1246 | 2927 | 1246 | 2927 | 1246 | 964 |
| 145° | 1446 | 2375 | 1446 | 2375 | 1446 | 906 |
| 155° | 1634 | 2045 | 1634 | 2045 | 1634 | 751 |
| 165° | 1763 | 1905 | 1763 | 1905 | 1763 | 498 |
| 175° | 1833 | 1846 | 1833 | 1846 | 1833 | 174 |
| 180° | 1833 | 1833 | 1833 | 1833 | 1833 | |



TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 |
| 2.5° | 5335.9 | 5335.9 | 5365.9 | 5376.0 | 5376.0 | 5360.9 | 5345.9 | 5360.9 | 5405.9 | 5421.0 | 5416.0 |
| 5° | 5315.8 | 5356.0 | 5411.0 | 5421.0 | 5431.0 | 5426.0 | 5416.0 | 5426.0 | 5476.0 | 5486.1 | 5491.0 |
| 7.5° | 5275.8 | 5350.9 | 5421.0 | 5436.0 | 5451.0 | 5436.0 | 5431.0 | 5441.0 | 5491.0 | 5501.1 | 5501.1 |
| 10° | 5225.8 | 5330.9 | 5411.0 | 5421.0 | 5436.0 | 5421.0 | 5421.0 | 5441.0 | 5491.0 | 5501.1 | 5506.1 |
| 12.5° | 5155.7 | 5300.8 | 5376.0 | 5385.9 | 5405.9 | 5400.9 | 5396.0 | 5416.0 | 5466.0 | 5476.0 | 5476.0 |
| 15° | 5075.6 | 5245.8 | 5315.8 | 5325.9 | 5360.9 | 5350.9 | 5350.9 | 5370.9 | 5426.0 | 5441.0 | 5436.0 |
| 17.5° | 4965.5 | 5175.7 | 5255.8 | 5270.9 | 5295.8 | 5290.9 | 5295.8 | 5315.8 | 5365.9 | 5376.0 | 5380.9 |
| 20° | 4840.4 | 5080.6 | 5175.7 | 5190.7 | 5215.7 | 5215.7 | 5215.7 | 5240.8 | 5290.9 | 5310.9 | 5310.9 |
| 22.5° | 4670.2 | 4980.5 | 5080.6 | 5090.6 | 5120.7 | 5120.7 | 5130.7 | 5165.7 | 5210.7 | 5215.7 | 5215.7 |
| 25° | 4469.9 | 4870.3 | 4955.4 | 4985.5 | 5015.6 | 5030.6 | 5045.6 | 5065.6 | 5080.6 | 5075.6 | 5080.6 |
| 27.5° | 4259.7 | 4730.2 | 4840.4 | 4860.4 | 4900.4 | 4915.4 | 4935.4 | 4940.5 | 4945.5 | 4960.5 | 4950.5 |
| 30° | 4024.5 | 4535.0 | 4700.2 | 4720.2 | 4785.3 | 4795.3 | 4775.3 | 4785.3 | 4810.3 | 4820.4 | 4830.3 |
| 32.5° | 3759.1 | 4244.7 | 4555.0 | 4600.1 | 4660.1 | 4630.2 | 4625.1 | 4640.1 | 4680.1 | 4680.1 | 4690.2 |
| 35° | 3398.7 | 4019.4 | 4419.8 | 4459.9 | 4504.9 | 4469.9 | 4489.9 | 4495.0 | 4520.0 | 4535.0 | 4530.0 |
| 37.5° | 3003.4 | 3824.2 | 4279.7 | 4309.8 | 4344.8 | 4299.7 | 4329.8 | 4344.8 | 4364.8 | 4354.8 | 4354.8 |
| 40° | 2652.9 | 3518.8 | 4114.6 | 4134.6 | 4164.6 | 4129.6 | 4159.6 | 4169.6 | 4179.7 | 4169.6 | 4164.6 |
| 42.5° | 2392.6 | 3183.5 | 3939.4 | 3964.4 | 3944.4 | 3969.3 | 3979.4 | 3999.4 | 3984.4 | 3964.4 | 3964.4 |
| 45° | 2192.4 | 3093.4 | 3749.2 | 3779.1 | 3749.2 | 3789.2 | 3804.2 | 3804.2 | 3759.1 | 3749.2 | 3744.1 |
| 47.5° | 2127.4 | 2913.2 | 3559.0 | 3559.0 | 3543.9 | 3594.0 | 3619.0 | 3583.9 | 3539.0 | 3523.9 | 3523.9 |
| 50° | 2122.4 | 2713.0 | 3298.7 | 3278.6 | 3348.7 | 3408.8 | 3383.8 | 3348.7 | 3313.7 | 3258.6 | 3258.6 |
| 52.5° | 1927.1 | 2467.8 | 2963.2 | 3038.4 | 3148.5 | 3183.5 | 3143.5 | 3108.5 | 3048.3 | 3023.4 | 3003.4 |
| 55° | 1786.9 | 2212.5 | 2658.0 | 2808.1 | 2923.2 | 2968.3 | 2893.2 | 2858.1 | 2768.1 | 2753.0 | 2743.1 |
| 57.5° | 1757.0 | 1842.0 | 2377.6 | 2567.8 | 2708.0 | 2703.0 | 2658.0 | 2592.9 | 2517.8 | 2502.8 | 2497.7 |
| 60° | 1611.8 | 1331.5 | 2077.3 | 2302.5 | 2447.7 | 2432.7 | 2392.6 | 2332.6 | 2262.5 | 2252.5 | 2242.5 |
| 62.5° | 1461.6 | 966.1 | 1736.9 | 1992.2 | 2197.4 | 2192.4 | 2157.4 | 2067.2 | 2017.3 | 1992.2 | 1972.2 |
| 65° | 1241.4 | 810.9 | 1236.3 | 1656.9 | 1952.2 | 1962.1 | 1887.1 | 1822.0 | 1766.9 | 1736.9 | 1731.9 |
| 67.5° | 946.1 | 660.7 | 835.9 | 1381.5 | 1716.9 | 1706.9 | 1611.8 | 1581.7 | 1511.6 | 1496.6 | 1466.6 |
| 70° | 700.8 | 440.4 | 580.7 | 1121.3 | 1486.6 | 1461.6 | 1386.5 | 1351.5 | 1286.4 | 1251.3 | 1231.3 |
| 72.5° | 580.7 | 355.4 | 425.5 | 870.9 | 1251.3 | 1221.4 | 1156.3 | 1116.3 | 1061.1 | 1031.2 | 1011.1 |
| 75° | 470.5 | 375.4 | 325.4 | 645.7 | 1016.1 | 996.1 | 936.0 | 896.0 | 850.9 | 810.9 | 815.9 |
| 77.5° | 345.4 | 350.4 | 260.3 | 475.5 | 805.9 | 775.9 | 740.8 | 690.8 | 670.8 | 630.7 | 630.7 |
| 80° | 260.3 | 275.3 | 195.2 | 325.4 | 580.7 | 580.7 | 550.6 | 515.6 | 480.6 | 460.5 | 460.5 |
| 82.5° | 175.2 | 175.2 | 145.1 | 205.2 | 395.5 | 380.4 | 360.4 | 350.4 | 330.4 | 320.4 | 320.4 |
| 85° | 80.1 | 100.1 | 90.1 | 125.1 | 215.2 | 225.2 | 225.2 | 215.2 | 210.2 | 200.3 | 205.2 |
| 87.5° | 25.0 | 45.1 | 55.0 | 70.1 | 110.1 | 115.2 | 120.1 | 120.1 | 120.1 | 125.1 | 125.1 |
| 90° | 12.3 | 22.2 | 31.9 | 34.4 | 54.1 | 80.4 | 93.5 | 83.1 | 62.3 | 46.7 | 46.7 |
| 92.5° | 49.2 | 132.8 | 216.5 | 237.4 | 333.9 | 462.3 | 526.6 | 461.5 | 331.4 | 233.8 | 224.5 |
| 95° | 118.1 | 271.2 | 424.4 | 462.6 | 821.4 | 1299.9 | 1539.1 | 1373.5 | 1042.1 | 793.5 | 765.3 |
| 97.5° | 204.2 | 339.3 | 474.4 | 508.2 | 1106.5 | 1904.3 | 2303.2 | 2198.5 | 1989.1 | 1832.0 | 1778.4 |
| 100° | 270.7 | 393.1 | 515.6 | 546.2 | 1210.2 | 2095.5 | 2538.3 | 2546.0 | 2561.2 | 2572.7 | 2508.9 |
| 102.5° | 327.3 | 441.5 | 555.8 | 584.4 | 1257.8 | 2155.8 | 2604.7 | 2738.1 | 3004.9 | 3205.1 | 3150.4 |
| 105° | 423.3 | 520.0 | 616.8 | 641.0 | 1293.1 | 2162.6 | 2597.3 | 2896.5 | 3494.7 | 3943.3 | 3913.9 |
| 107.5° | 521.7 | 611.9 | 702.1 | 724.7 | 1299.6 | 2066.3 | 2449.6 | 2866.9 | 3701.3 | 4327.2 | 4334.3 |
| 110° | 588.1 | 669.6 | 751.0 | 771.4 | 1289.8 | 1981.0 | 2326.6 | 2793.0 | 3725.9 | 4425.6 | 4456.2 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 653.3 | 731.0 | 808.6 | 828.0 | 1290.3 | 1906.5 | 2214.7 | 2692.1 | 3646.8 | 4362.9 | 4409.9 |
| 115° | 751.7 | 823.4 | 895.0 | 912.9 | 1302.1 | 1821.0 | 2080.6 | 2540.4 | 3460.2 | 4150.0 | 4215.2 |
| 117.5° | 848.9 | 914.0 | 979.1 | 995.4 | 1326.4 | 1767.6 | 1988.3 | 2403.3 | 3233.4 | 3856.0 | 3928.2 |
| 120° | 905.5 | 966.8 | 1028.1 | 1043.4 | 1346.1 | 1749.7 | 1951.4 | 2330.6 | 3089.0 | 3657.9 | 3728.2 |
| 122.5° | 961.0 | 1022.8 | 1084.5 | 1100.0 | 1374.4 | 1740.2 | 1923.1 | 2264.5 | 2947.5 | 3459.8 | 3529.1 |
| 125° | 1045.9 | 1102.2 | 1158.5 | 1172.6 | 1412.4 | 1732.4 | 1892.3 | 2182.4 | 2762.6 | 3197.7 | 3261.5 |
| 127.5° | 1114.7 | 1171.6 | 1228.5 | 1242.7 | 1450.6 | 1727.9 | 1866.5 | 2115.6 | 2613.7 | 2987.3 | 3041.1 |
| 130° | 1151.6 | 1212.9 | 1274.1 | 1289.4 | 1478.5 | 1730.6 | 1856.6 | 2078.4 | 2521.9 | 2854.5 | 2904.3 |
| 132.5° | 1189.8 | 1251.0 | 1312.3 | 1327.6 | 1501.0 | 1732.3 | 1848.0 | 2046.4 | 2443.5 | 2741.3 | 2785.8 |
| 135° | 1246.4 | 1302.1 | 1357.9 | 1371.8 | 1525.6 | 1730.7 | 1833.3 | 1999.5 | 2331.9 | 2581.2 | 2619.7 |
| 137.5° | 1304.2 | 1359.4 | 1414.6 | 1428.4 | 1562.5 | 1741.4 | 1830.8 | 1971.3 | 2252.4 | 2463.2 | 2494.7 |
| 140° | 1352.2 | 1403.1 | 1453.9 | 1466.6 | 1585.1 | 1743.1 | 1822.1 | 1943.5 | 2186.4 | 2368.5 | 2397.9 |
| 142.5° | 1389.1 | 1436.1 | 1483.1 | 1494.9 | 1603.9 | 1749.4 | 1822.1 | 1928.8 | 2142.1 | 2302.0 | 2327.3 |
| 145° | 1445.7 | 1486.7 | 1527.7 | 1538.0 | 1628.6 | 1749.5 | 1809.9 | 1897.1 | 2071.5 | 2202.3 | 2221.5 |
| 147.5° | 1502.3 | 1542.2 | 1582.1 | 1592.1 | 1664.7 | 1761.5 | 1809.9 | 1878.5 | 2015.8 | 2118.7 | 2134.6 |
| 150° | 1539.1 | 1575.2 | 1611.3 | 1620.4 | 1683.6 | 1767.8 | 1809.9 | 1867.9 | 1983.7 | 2070.7 | 2083.5 |
| 152.5° | 1577.3 | 1604.6 | 1632.0 | 1638.8 | 1695.8 | 1771.8 | 1809.9 | 1859.4 | 1958.3 | 2032.5 | 2042.2 |
| 155° | 1633.9 | 1654.1 | 1674.4 | 1679.5 | 1722.9 | 1780.9 | 1809.9 | 1849.2 | 1927.9 | 1987.0 | 1993.4 |
| 157.5° | 1675.7 | 1695.4 | 1715.1 | 1720.1 | 1750.1 | 1790.0 | 1809.9 | 1840.5 | 1901.7 | 1947.6 | 1952.2 |
| 160° | 1704.0 | 1719.4 | 1734.7 | 1738.5 | 1762.3 | 1794.0 | 1809.9 | 1836.1 | 1888.6 | 1927.9 | 1930.5 |
| 162.5° | 1732.3 | 1743.7 | 1755.3 | 1758.1 | 1775.4 | 1798.4 | 1809.9 | 1832.0 | 1876.3 | 1909.5 | 1912.0 |
| 165° | 1763.1 | 1773.4 | 1783.9 | 1786.4 | 1794.2 | 1804.7 | 1809.9 | 1825.8 | 1857.4 | 1881.2 | 1883.8 |
| 167.5° | 1791.4 | 1796.3 | 1801.2 | 1802.5 | 1809.0 | 1817.8 | 1822.1 | 1832.6 | 1853.4 | 1869.0 | 1870.0 |
| 170° | 1809.9 | 1814.8 | 1819.8 | 1820.9 | 1821.3 | 1821.8 | 1822.1 | 1832.6 | 1853.4 | 1869.0 | 1869.0 |
| 172.5° | 1819.7 | 1820.7 | 1821.8 | 1822.1 | 1822.1 | 1822.1 | 1822.1 | 1830.3 | 1846.8 | 1859.1 | 1858.1 |
| 175° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1829.5 | 1824.6 | 1822.1 | 1827.4 | 1837.7 | 1845.5 | 1845.5 |
| 177.5° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1830.4 | 1826.6 | 1824.6 | 1828.7 | 1836.9 | 1843.0 | 1841.9 |
| 180° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 |



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CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 |
| 2.5° | 5426.0 | 5411.0 | 5426.0 | 5416.0 | 5421.0 | 5405.9 | 5360.9 | 5345.9 | 5360.9 | 5376.0 | 5376.0 |
| 5° | 5491.0 | 5481.1 | 5491.0 | 5491.0 | 5486.1 | 5476.0 | 5426.0 | 5416.0 | 5426.0 | 5431.0 | 5421.0 |
| 7.5° | 5511.0 | 5496.1 | 5511.0 | 5501.1 | 5501.1 | 5491.0 | 5441.0 | 5431.0 | 5436.0 | 5451.0 | 5436.0 |
| 10° | 5511.0 | 5496.1 | 5511.0 | 5506.1 | 5501.1 | 5491.0 | 5441.0 | 5421.0 | 5421.0 | 5436.0 | 5421.0 |
| 12.5° | 5486.1 | 5476.0 | 5486.1 | 5476.0 | 5476.0 | 5466.0 | 5416.0 | 5396.0 | 5400.9 | 5405.9 | 5385.9 |
| 15° | 5446.0 | 5431.0 | 5446.0 | 5436.0 | 5441.0 | 5426.0 | 5370.9 | 5350.9 | 5350.9 | 5360.9 | 5325.9 |
| 17.5° | 5385.9 | 5365.9 | 5385.9 | 5380.9 | 5376.0 | 5365.9 | 5315.8 | 5295.8 | 5290.9 | 5295.8 | 5270.9 |
| 20° | 5315.8 | 5300.8 | 5315.8 | 5310.9 | 5310.9 | 5290.9 | 5240.8 | 5215.7 | 5215.7 | 5215.7 | 5190.7 |
| 22.5° | 5205.8 | 5190.7 | 5205.8 | 5215.7 | 5215.7 | 5210.7 | 5165.7 | 5130.7 | 5120.7 | 5120.7 | 5090.6 |
| 25° | 5080.6 | 5065.6 | 5080.6 | 5080.6 | 5075.6 | 5080.6 | 5065.6 | 5045.6 | 5030.6 | 5015.6 | 4985.5 |
| 27.5° | 4960.5 | 4950.5 | 4960.5 | 4950.5 | 4960.5 | 4945.5 | 4940.5 | 4935.4 | 4915.4 | 4900.4 | 4860.4 |
| 30° | 4840.4 | 4830.3 | 4840.4 | 4830.3 | 4820.4 | 4810.3 | 4785.3 | 4775.3 | 4795.3 | 4785.3 | 4720.2 |
| 32.5° | 4690.2 | 4680.1 | 4690.2 | 4690.2 | 4680.1 | 4680.1 | 4640.1 | 4625.1 | 4630.2 | 4660.1 | 4600.1 |
| 35° | 4535.0 | 4520.0 | 4535.0 | 4530.0 | 4535.0 | 4520.0 | 4495.0 | 4489.9 | 4469.9 | 4504.9 | 4459.9 |
| 37.5° | 4354.8 | 4339.8 | 4354.8 | 4354.8 | 4354.8 | 4364.8 | 4344.8 | 4329.8 | 4299.7 | 4344.8 | 4309.8 |
| 40° | 4169.6 | 4149.6 | 4169.6 | 4164.6 | 4169.6 | 4179.7 | 4169.6 | 4159.6 | 4129.6 | 4164.6 | 4134.6 |
| 42.5° | 3959.4 | 3954.4 | 3959.4 | 3964.4 | 3964.4 | 3984.4 | 3999.4 | 3979.4 | 3969.3 | 3944.4 | 3964.4 |
| 45° | 3734.1 | 3724.1 | 3734.1 | 3744.1 | 3749.2 | 3759.1 | 3804.2 | 3804.2 | 3789.2 | 3749.2 | 3779.1 |
| 47.5° | 3493.9 | 3468.8 | 3493.9 | 3523.9 | 3523.9 | 3539.0 | 3583.9 | 3619.0 | 3594.0 | 3543.9 | 3559.0 |
| 50° | 3238.6 | 3243.5 | 3238.6 | 3258.6 | 3258.6 | 3313.7 | 3348.7 | 3383.8 | 3408.8 | 3348.7 | 3278.6 |
| 52.5° | 2988.3 | 2983.3 | 2988.3 | 3003.4 | 3023.4 | 3048.3 | 3108.5 | 3143.5 | 3183.5 | 3148.5 | 3038.4 |
| 55° | 2738.0 | 2748.1 | 2738.0 | 2743.1 | 2753.0 | 2768.1 | 2858.1 | 2893.2 | 2968.3 | 2923.2 | 2808.1 |
| 57.5° | 2487.8 | 2472.7 | 2487.8 | 2497.7 | 2502.8 | 2517.8 | 2592.9 | 2658.0 | 2703.0 | 2708.0 | 2567.8 |
| 60° | 2197.4 | 2177.4 | 2197.4 | 2242.5 | 2252.5 | 2262.5 | 2332.6 | 2392.6 | 2432.7 | 2447.7 | 2302.5 |
| 62.5° | 1942.1 | 1907.1 | 1942.1 | 1972.2 | 1992.2 | 2017.3 | 2067.2 | 2157.4 | 2192.4 | 2197.4 | 1992.2 |
| 65° | 1671.9 | 1656.9 | 1671.9 | 1731.9 | 1736.9 | 1766.9 | 1822.0 | 1887.1 | 1962.1 | 1952.2 | 1656.9 |
| 67.5° | 1426.5 | 1426.5 | 1426.5 | 1466.6 | 1496.6 | 1511.6 | 1581.7 | 1611.8 | 1706.9 | 1716.9 | 1381.5 |
| 70° | 1201.3 | 1196.3 | 1201.3 | 1231.3 | 1251.3 | 1286.4 | 1351.5 | 1386.5 | 1461.6 | 1486.6 | 1121.3 |
| 72.5° | 986.1 | 981.1 | 986.1 | 1011.1 | 1031.2 | 1061.1 | 1116.3 | 1156.3 | 1221.4 | 1251.3 | 870.9 |
| 75° | 795.9 | 785.8 | 795.9 | 815.9 | 810.9 | 850.9 | 896.0 | 936.0 | 996.1 | 1016.1 | 645.7 |
| 77.5° | 610.6 | 610.6 | 610.6 | 630.7 | 630.7 | 670.8 | 690.8 | 740.8 | 775.9 | 805.9 | 475.5 |
| 80° | 455.5 | 450.5 | 455.5 | 460.5 | 460.5 | 480.6 | 515.6 | 550.6 | 580.7 | 580.7 | 325.4 |
| 82.5° | 320.4 | 310.3 | 320.4 | 320.4 | 320.4 | 330.4 | 350.4 | 360.4 | 380.4 | 395.5 | 205.2 |
| 85° | 200.3 | 200.3 | 200.3 | 205.2 | 200.3 | 210.2 | 215.2 | 225.2 | 225.2 | 215.2 | 125.1 |
| 87.5° | 130.2 | 125.1 | 130.2 | 125.1 | 125.1 | 120.1 | 120.1 | 120.1 | 115.2 | 110.1 | 70.1 |
| 90° | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 62.3 | 83.1 | 93.5 | 80.4 | 54.1 | 34.4 |
| 92.5° | 187.2 | 150.1 | 187.2 | 224.5 | 233.8 | 331.4 | 461.5 | 526.6 | 462.3 | 333.9 | 237.4 |
| 95° | 652.7 | 540.1 | 652.7 | 765.3 | 793.5 | 1042.1 | 1373.5 | 1539.1 | 1299.9 | 821.4 | 462.6 |
| 97.5° | 1564.1 | 1349.7 | 1564.1 | 1778.4 | 1832.0 | 1989.1 | 2198.5 | 2303.2 | 1904.3 | 1106.5 | 508.2 |
| 100° | 2253.5 | 1998.1 | 2253.5 | 2508.9 | 2572.7 | 2561.2 | 2546.0 | 2538.3 | 2095.5 | 1210.2 | 546.2 |
| 102.5° | 2931.7 | 2713.0 | 2931.7 | 3150.4 | 3205.1 | 3004.9 | 2738.1 | 2604.7 | 2155.8 | 1257.8 | 584.4 |
| 105° | 3796.3 | 3678.8 | 3796.3 | 3913.9 | 3943.3 | 3494.7 | 2896.5 | 2597.3 | 2162.6 | 1293.1 | 641.0 |
| 107.5° | 4362.8 | 4391.2 | 4362.8 | 4334.3 | 4327.2 | 3701.3 | 2866.9 | 2449.6 | 2066.3 | 1299.6 | 724.7 |
| 110° | 4578.7 | 4701.2 | 4578.7 | 4456.2 | 4425.6 | 3725.9 | 2793.0 | 2326.6 | 1981.0 | 1289.8 | 771.4 |



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CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 4598.0 | 4786.1 | 4598.0 | 4409.9 | 4362.9 | 3646.8 | 2692.1 | 2214.7 | 1906.5 | 1290.3 | 828.0 |
| 115° | 4476.0 | 4736.8 | 4476.0 | 4215.2 | 4150.0 | 3460.2 | 2540.4 | 2080.6 | 1821.0 | 1302.1 | 912.9 |
| 117.5° | 4217.5 | 4506.8 | 4217.5 | 3928.2 | 3856.0 | 3233.4 | 2403.3 | 1988.3 | 1767.6 | 1326.4 | 995.4 |
| 120° | 4009.2 | 4290.3 | 4009.2 | 3728.2 | 3657.9 | 3089.0 | 2330.6 | 1951.4 | 1749.7 | 1346.1 | 1043.4 |
| 122.5° | 3806.3 | 4083.5 | 3806.3 | 3529.1 | 3459.8 | 2947.5 | 2264.5 | 1923.1 | 1740.2 | 1374.4 | 1100.0 |
| 125° | 3516.9 | 3772.2 | 3516.9 | 3261.5 | 3197.7 | 2762.6 | 2182.4 | 1892.3 | 1732.4 | 1412.4 | 1172.6 |
| 127.5° | 3256.7 | 3472.1 | 3256.7 | 3041.1 | 2987.3 | 2613.7 | 2115.6 | 1866.5 | 1727.9 | 1450.6 | 1242.7 |
| 130° | 3103.2 | 3302.3 | 3103.2 | 2904.3 | 2854.5 | 2521.9 | 2078.4 | 1856.6 | 1730.6 | 1478.5 | 1289.4 |
| 132.5° | 2964.1 | 3142.4 | 2964.1 | 2785.8 | 2741.3 | 2443.5 | 2046.4 | 1848.0 | 1732.3 | 1501.0 | 1327.6 |
| 135° | 2773.3 | 2927.0 | 2773.3 | 2619.7 | 2581.2 | 2331.9 | 1999.5 | 1833.3 | 1730.7 | 1525.6 | 1371.8 |
| 137.5° | 2620.4 | 2746.2 | 2620.4 | 2494.7 | 2463.2 | 2252.4 | 1971.3 | 1830.8 | 1741.4 | 1562.5 | 1428.4 |
| 140° | 2515.5 | 2633.0 | 2515.5 | 2397.9 | 2368.5 | 2186.4 | 1943.5 | 1822.1 | 1743.1 | 1585.1 | 1466.6 |
| 142.5° | 2428.4 | 2529.6 | 2428.4 | 2327.3 | 2302.0 | 2142.1 | 1928.8 | 1822.1 | 1749.4 | 1603.9 | 1494.9 |
| 145° | 2298.1 | 2374.6 | 2298.1 | 2221.5 | 2202.3 | 2071.5 | 1897.1 | 1809.9 | 1749.5 | 1628.6 | 1538.0 |
| 147.5° | 2198.0 | 2261.4 | 2198.0 | 2134.6 | 2118.7 | 2015.8 | 1878.5 | 1809.9 | 1761.5 | 1664.7 | 1592.1 |
| 150° | 2135.0 | 2186.4 | 2135.0 | 2083.5 | 2070.7 | 1983.7 | 1867.9 | 1809.9 | 1767.8 | 1683.6 | 1620.4 |
| 152.5° | 2081.1 | 2119.9 | 2081.1 | 2042.2 | 2032.5 | 1958.3 | 1859.4 | 1809.9 | 1771.8 | 1695.8 | 1638.8 |
| 155° | 2019.1 | 2044.9 | 2019.1 | 1993.4 | 1987.0 | 1927.9 | 1849.2 | 1809.9 | 1780.9 | 1722.9 | 1679.5 |
| 157.5° | 1970.2 | 1988.3 | 1970.2 | 1952.2 | 1947.6 | 1901.7 | 1840.5 | 1809.9 | 1790.0 | 1750.1 | 1720.1 |
| 160° | 1940.9 | 1951.4 | 1940.9 | 1930.5 | 1927.9 | 1888.6 | 1836.1 | 1809.9 | 1794.0 | 1762.3 | 1738.5 |
| 162.5° | 1921.8 | 1931.7 | 1921.8 | 1912.0 | 1909.5 | 1876.3 | 1832.0 | 1809.9 | 1798.4 | 1775.4 | 1758.1 |
| 165° | 1894.2 | 1904.6 | 1894.2 | 1883.8 | 1881.2 | 1857.4 | 1825.8 | 1809.9 | 1804.7 | 1794.2 | 1786.4 |
| 167.5° | 1874.4 | 1878.7 | 1874.4 | 1870.0 | 1869.0 | 1853.4 | 1832.6 | 1822.1 | 1817.8 | 1809.0 | 1802.5 |
| 170° | 1869.0 | 1869.0 | 1869.0 | 1869.0 | 1869.0 | 1853.4 | 1832.6 | 1822.1 | 1821.8 | 1821.3 | 1820.9 |
| 172.5° | 1854.3 | 1850.4 | 1854.3 | 1858.1 | 1859.1 | 1846.8 | 1830.3 | 1822.1 | 1822.1 | 1822.1 | 1822.1 |
| 175° | 1845.5 | 1845.5 | 1845.5 | 1845.5 | 1845.5 | 1837.7 | 1827.4 | 1822.1 | 1824.6 | 1829.5 | 1833.3 |
| 177.5° | 1837.6 | 1833.3 | 1837.6 | 1841.9 | 1843.0 | 1836.9 | 1828.7 | 1824.6 | 1826.6 | 1830.4 | 1833.3 |
| 180° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 |



TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 |
| 2.5° | 5365.9 | 5335.9 | 5335.9 | 5285.8 | 5265.8 | 5250.8 | 5225.8 | 5150.7 | 5130.7 | 5110.6 | 5140.7 |
| 5° | 5411.0 | 5356.0 | 5315.8 | 5225.8 | 5150.7 | 5120.7 | 5025.5 | 4845.3 | 4725.2 | 4635.1 | 4585.1 |
| 7.5° | 5421.0 | 5350.9 | 5275.8 | 5135.7 | 4955.4 | 4875.4 | 4585.1 | 4254.7 | 4164.6 | 4084.5 | 4034.4 |
| 10° | 5411.0 | 5330.9 | 5225.8 | 5015.6 | 4590.0 | 4449.9 | 4159.6 | 3944.4 | 3889.3 | 3874.3 | 3889.3 |
| 12.5° | 5376.0 | 5300.8 | 5155.7 | 4805.3 | 4209.6 | 4114.6 | 3944.4 | 3819.2 | 3809.2 | 3834.3 | 3969.3 |
| 15° | 5315.8 | 5245.8 | 5075.6 | 4525.0 | 3999.4 | 3929.3 | 3809.2 | 3764.2 | 3819.2 | 3994.4 | 4399.8 |
| 17.5° | 5255.8 | 5175.7 | 4965.5 | 4249.7 | 3839.3 | 3789.2 | 3704.1 | 3794.2 | 4104.5 | 4339.8 | 4475.0 |
| 20° | 5175.7 | 5080.6 | 4840.4 | 4049.5 | 3724.1 | 3679.1 | 3639.0 | 4044.5 | 4279.7 | 4364.8 | 4439.9 |
| 22.5° | 5080.6 | 4980.5 | 4670.2 | 3909.3 | 3604.0 | 3568.9 | 3594.0 | 4184.6 | 4279.7 | 4339.8 | 4404.9 |
| 25° | 4955.4 | 4870.3 | 4469.9 | 3799.2 | 3508.9 | 3468.8 | 3563.9 | 4169.6 | 4224.6 | 4239.7 | 4369.9 |
| 27.5° | 4840.4 | 4730.2 | 4259.7 | 3699.1 | 3393.7 | 3378.7 | 3588.9 | 4104.5 | 4144.6 | 4159.6 | 4299.7 |
| 30° | 4700.2 | 4535.0 | 4024.5 | 3594.0 | 3273.6 | 3268.6 | 3594.0 | 4024.5 | 4014.4 | 4054.4 | 4194.6 |
| 32.5° | 4555.0 | 4244.7 | 3759.1 | 3463.8 | 3158.5 | 3153.5 | 3559.0 | 3904.3 | 3894.3 | 3949.3 | 4054.4 |
| 35° | 4419.8 | 4019.4 | 3398.7 | 3313.7 | 3013.3 | 3018.3 | 3473.9 | 3764.2 | 3769.2 | 3819.2 | 3884.2 |
| 37.5° | 4279.7 | 3824.2 | 3003.4 | 3148.5 | 2873.2 | 2873.2 | 3358.7 | 3634.0 | 3624.0 | 3639.0 | 3729.2 |
| 40° | 4114.6 | 3518.8 | 2652.9 | 2933.3 | 2743.1 | 2728.0 | 3218.6 | 3493.9 | 3458.8 | 3453.9 | 3579.0 |
| 42.5° | 3939.4 | 3183.5 | 2392.6 | 2647.9 | 2592.9 | 2572.9 | 3048.3 | 3323.7 | 3258.6 | 3273.6 | 3433.7 |
| 45° | 3749.2 | 3093.4 | 2192.4 | 2237.4 | 2437.7 | 2422.7 | 2863.1 | 3128.5 | 3083.4 | 3123.5 | 3288.6 |
| 47.5° | 3559.0 | 2913.2 | 2127.4 | 1857.0 | 2272.5 | 2267.5 | 2658.0 | 2938.3 | 2913.2 | 2953.3 | 3128.5 |
| 50° | 3298.7 | 2713.0 | 2122.4 | 1591.8 | 2087.3 | 2107.3 | 2412.6 | 2753.0 | 2753.0 | 2788.1 | 2973.3 |
| 52.5° | 2963.2 | 2467.8 | 1927.1 | 1441.6 | 1872.0 | 1932.2 | 2197.4 | 2592.9 | 2602.8 | 2637.9 | 2803.1 |
| 55° | 2658.0 | 2212.5 | 1786.9 | 1326.5 | 1616.7 | 1746.9 | 1987.2 | 2427.6 | 2447.7 | 2482.7 | 2632.9 |
| 57.5° | 2377.6 | 1842.0 | 1757.0 | 1191.3 | 1381.5 | 1506.7 | 1802.0 | 2267.5 | 2277.6 | 2307.5 | 2452.7 |
| 60° | 2077.3 | 1331.5 | 1611.8 | 1046.1 | 1176.3 | 1271.4 | 1631.8 | 2077.3 | 2112.3 | 2132.3 | 2257.4 |
| 62.5° | 1736.9 | 966.1 | 1461.6 | 946.1 | 1076.2 | 1096.2 | 1491.6 | 1897.1 | 1942.1 | 1957.1 | 2032.2 |
| 65° | 1236.3 | 810.9 | 1241.4 | 861.0 | 971.1 | 976.0 | 1341.5 | 1711.9 | 1751.9 | 1777.0 | 1832.0 |
| 67.5° | 835.9 | 660.7 | 946.1 | 780.8 | 890.9 | 896.0 | 1196.3 | 1496.6 | 1551.7 | 1571.8 | 1606.8 |
| 70° | 580.7 | 440.4 | 700.8 | 695.7 | 800.9 | 810.9 | 1041.1 | 1301.4 | 1351.5 | 1366.5 | 1386.5 |
| 72.5° | 425.5 | 355.4 | 580.7 | 625.7 | 705.8 | 715.8 | 881.0 | 1081.1 | 1131.2 | 1146.2 | 1156.3 |
| 75° | 325.4 | 375.4 | 470.5 | 545.6 | 600.7 | 605.7 | 720.8 | 881.0 | 916.0 | 926.1 | 931.0 |
| 77.5° | 260.3 | 350.4 | 345.4 | 440.4 | 490.5 | 480.6 | 565.7 | 680.7 | 710.8 | 710.8 | 710.8 |
| 80° | 195.2 | 275.3 | 260.3 | 315.3 | 360.4 | 350.4 | 405.4 | 485.5 | 495.6 | 505.5 | 500.6 |
| 82.5° | 145.1 | 175.2 | 175.2 | 200.3 | 240.3 | 230.2 | 270.3 | 315.3 | 315.3 | 315.3 | 325.4 |
| 85° | 90.1 | 100.1 | 80.1 | 105.1 | 135.2 | 130.2 | 150.2 | 170.2 | 175.2 | 175.2 | 165.2 |
| 87.5° | 55.0 | 45.1 | 25.0 | 40.0 | 60.0 | 60.0 | 70.1 | 75.0 | 70.1 | 70.1 | 70.1 |
| 90° | 31.9 | 22.2 | 12.3 | 22.2 | 31.9 | 34.4 | 54.1 | 80.4 | 93.5 | 83.1 | 62.3 |
| 92.5° | 216.5 | 132.8 | 49.2 | 132.8 | 216.5 | 237.4 | 333.9 | 462.3 | 526.6 | 461.5 | 331.4 |
| 95° | 424.4 | 271.2 | 118.1 | 271.2 | 424.4 | 462.6 | 821.4 | 1299.9 | 1539.1 | 1373.5 | 1042.1 |
| 97.5° | 474.4 | 339.3 | 204.2 | 339.3 | 474.4 | 508.2 | 1106.5 | 1904.3 | 2303.2 | 2198.5 | 1989.1 |
| 100° | 515.6 | 393.1 | 270.7 | 393.1 | 515.6 | 546.2 | 1210.2 | 2095.5 | 2538.3 | 2546.0 | 2561.2 |
| 102.5° | 555.8 | 441.5 | 327.3 | 441.5 | 555.8 | 584.4 | 1257.8 | 2155.8 | 2604.7 | 2738.1 | 3004.9 |
| 105° | 616.8 | 520.0 | 423.3 | 520.0 | 616.8 | 641.0 | 1293.1 | 2162.6 | 2597.3 | 2896.5 | 3494.7 |
| 107.5° | 702.1 | 611.9 | 521.7 | 611.9 | 702.1 | 724.7 | 1299.6 | 2066.3 | 2449.6 | 2866.9 | 3701.3 |
| 110° | 751.0 | 669.6 | 588.1 | 669.6 | 751.0 | 771.4 | 1289.8 | 1981.0 | 2326.6 | 2793.0 | 3725.9 |



TEST NUMBER: P935378

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CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 808.6 | 731.0 | 653.3 | 731.0 | 808.6 | 828.0 | 1290.3 | 1906.5 | 2214.7 | 2692.1 | 3646.8 |
| 115° | 895.0 | 823.4 | 751.7 | 823.4 | 895.0 | 912.9 | 1302.1 | 1821.0 | 2080.6 | 2540.4 | 3460.2 |
| 117.5° | 979.1 | 914.0 | 848.9 | 914.0 | 979.1 | 995.4 | 1326.4 | 1767.6 | 1988.3 | 2403.3 | 3233.4 |
| 120° | 1028.1 | 966.8 | 905.5 | 966.8 | 1028.1 | 1043.4 | 1346.1 | 1749.7 | 1951.4 | 2330.6 | 3089.0 |
| 122.5° | 1084.5 | 1022.8 | 961.0 | 1022.8 | 1084.5 | 1100.0 | 1374.4 | 1740.2 | 1923.1 | 2264.5 | 2947.5 |
| 125° | 1158.5 | 1102.2 | 1045.9 | 1102.2 | 1158.5 | 1172.6 | 1412.4 | 1732.4 | 1892.3 | 2182.4 | 2762.6 |
| 127.5° | 1228.5 | 1171.6 | 1114.7 | 1171.6 | 1228.5 | 1242.7 | 1450.6 | 1727.9 | 1866.5 | 2115.6 | 2613.7 |
| 130° | 1274.1 | 1212.9 | 1151.6 | 1212.9 | 1274.1 | 1289.4 | 1478.5 | 1730.6 | 1856.6 | 2078.4 | 2521.9 |
| 132.5° | 1312.3 | 1251.0 | 1189.8 | 1251.0 | 1312.3 | 1327.6 | 1501.0 | 1732.3 | 1848.0 | 2046.4 | 2443.5 |
| 135° | 1357.9 | 1302.1 | 1246.4 | 1302.1 | 1357.9 | 1371.8 | 1525.6 | 1730.7 | 1833.3 | 1999.5 | 2331.9 |
| 137.5° | 1414.6 | 1359.4 | 1304.2 | 1359.4 | 1414.6 | 1428.4 | 1562.5 | 1741.4 | 1830.8 | 1971.3 | 2252.4 |
| 140° | 1453.9 | 1403.1 | 1352.2 | 1403.1 | 1453.9 | 1466.6 | 1585.1 | 1743.1 | 1822.1 | 1943.5 | 2186.4 |
| 142.5° | 1483.1 | 1436.1 | 1389.1 | 1436.1 | 1483.1 | 1494.9 | 1603.9 | 1749.4 | 1822.1 | 1928.8 | 2142.1 |
| 145° | 1527.7 | 1486.7 | 1445.7 | 1486.7 | 1527.7 | 1538.0 | 1628.6 | 1749.5 | 1809.9 | 1897.1 | 2071.5 |
| 147.5° | 1582.1 | 1542.2 | 1502.3 | 1542.2 | 1582.1 | 1592.1 | 1664.7 | 1761.5 | 1809.9 | 1878.5 | 2015.8 |
| 150° | 1611.3 | 1575.2 | 1539.1 | 1575.2 | 1611.3 | 1620.4 | 1683.6 | 1767.8 | 1809.9 | 1867.9 | 1983.7 |
| 152.5° | 1632.0 | 1604.6 | 1577.3 | 1604.6 | 1632.0 | 1638.8 | 1695.8 | 1771.8 | 1809.9 | 1859.4 | 1958.3 |
| 155° | 1674.4 | 1654.1 | 1633.9 | 1654.1 | 1674.4 | 1679.5 | 1722.9 | 1780.9 | 1809.9 | 1849.2 | 1927.9 |
| 157.5° | 1715.1 | 1695.4 | 1675.7 | 1695.4 | 1715.1 | 1720.1 | 1750.1 | 1790.0 | 1809.9 | 1840.5 | 1901.7 |
| 160° | 1734.7 | 1719.4 | 1704.0 | 1719.4 | 1734.7 | 1738.5 | 1762.3 | 1794.0 | 1809.9 | 1836.1 | 1888.6 |
| 162.5° | 1755.3 | 1743.7 | 1732.3 | 1743.7 | 1755.3 | 1758.1 | 1775.4 | 1798.4 | 1809.9 | 1832.0 | 1876.3 |
| 165° | 1783.9 | 1773.4 | 1763.1 | 1773.4 | 1783.9 | 1786.4 | 1794.2 | 1804.7 | 1809.9 | 1825.8 | 1857.4 |
| 167.5° | 1801.2 | 1796.3 | 1791.4 | 1796.3 | 1801.2 | 1802.5 | 1809.0 | 1817.8 | 1822.1 | 1832.6 | 1853.4 |
| 170° | 1819.8 | 1814.8 | 1809.9 | 1814.8 | 1819.8 | 1820.9 | 1821.3 | 1821.8 | 1822.1 | 1832.6 | 1853.4 |
| 172.5° | 1821.8 | 1820.7 | 1819.7 | 1820.7 | 1821.8 | 1822.1 | 1822.1 | 1822.1 | 1822.1 | 1830.3 | 1846.8 |
| 175° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1829.5 | 1824.6 | 1822.1 | 1827.4 | 1837.7 |
| 177.5° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1830.4 | 1826.6 | 1824.6 | 1828.7 | 1836.9 |
| 180° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 |



TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 |
| 2.5° | 5105.6 | 5090.6 | 5110.6 | 5055.6 | 5110.6 | 5090.6 | 5105.6 | 5140.7 | 5110.6 | 5130.7 | 5150.7 |
| 5° | 4480.0 | 4454.9 | 4374.8 | 4309.8 | 4374.8 | 4454.9 | 4480.0 | 4585.1 | 4635.1 | 4725.2 | 4845.3 |
| 7.5° | 4004.4 | 3984.4 | 3964.4 | 3924.4 | 3964.4 | 3984.4 | 4004.4 | 4034.4 | 4084.5 | 4164.6 | 4254.7 |
| 10° | 3899.3 | 3904.3 | 3934.3 | 3929.3 | 3934.3 | 3904.3 | 3899.3 | 3889.3 | 3874.3 | 3889.3 | 3944.4 |
| 12.5° | 4169.6 | 4214.7 | 4379.8 | 4369.9 | 4379.8 | 4214.7 | 4169.6 | 3969.3 | 3834.3 | 3809.2 | 3819.2 |
| 15° | 4480.0 | 4495.0 | 4530.0 | 4535.0 | 4530.0 | 4495.0 | 4480.0 | 4399.8 | 3994.4 | 3819.2 | 3764.2 |
| 17.5° | 4510.0 | 4515.0 | 4540.0 | 4540.0 | 4540.0 | 4515.0 | 4510.0 | 4475.0 | 4339.8 | 4104.5 | 3794.2 |
| 20° | 4484.9 | 4495.0 | 4545.1 | 4555.0 | 4545.1 | 4495.0 | 4484.9 | 4439.9 | 4364.8 | 4279.7 | 4044.5 |
| 22.5° | 4475.0 | 4495.0 | 4535.0 | 4530.0 | 4535.0 | 4495.0 | 4475.0 | 4404.9 | 4339.8 | 4279.7 | 4184.6 |
| 25° | 4424.9 | 4424.9 | 4429.9 | 4434.9 | 4429.9 | 4424.9 | 4424.9 | 4369.9 | 4239.7 | 4224.6 | 4169.6 |
| 27.5° | 4319.8 | 4329.8 | 4359.8 | 4354.8 | 4359.8 | 4329.8 | 4319.8 | 4299.7 | 4159.6 | 4144.6 | 4104.5 |
| 30° | 4224.6 | 4214.7 | 4189.6 | 4169.6 | 4189.6 | 4214.7 | 4224.6 | 4194.6 | 4054.4 | 4014.4 | 4024.5 |
| 32.5° | 4064.5 | 4039.4 | 4014.4 | 3999.4 | 4014.4 | 4039.4 | 4064.5 | 4054.4 | 3949.3 | 3894.3 | 3904.3 |
| 35° | 3874.3 | 3879.3 | 3874.3 | 3859.3 | 3874.3 | 3879.3 | 3874.3 | 3884.2 | 3819.2 | 3769.2 | 3764.2 |
| 37.5° | 3739.1 | 3749.2 | 3744.1 | 3724.1 | 3744.1 | 3749.2 | 3739.1 | 3729.2 | 3639.0 | 3624.0 | 3634.0 |
| 40° | 3599.0 | 3604.0 | 3599.0 | 3583.9 | 3599.0 | 3604.0 | 3599.0 | 3579.0 | 3453.9 | 3458.8 | 3493.9 |
| 42.5° | 3463.8 | 3458.8 | 3443.8 | 3433.7 | 3443.8 | 3458.8 | 3463.8 | 3433.7 | 3273.6 | 3258.6 | 3323.7 |
| 45° | 3308.6 | 3313.7 | 3283.6 | 3268.6 | 3283.6 | 3313.7 | 3308.6 | 3288.6 | 3123.5 | 3083.4 | 3128.5 |
| 47.5° | 3153.5 | 3153.5 | 3128.5 | 3113.4 | 3128.5 | 3153.5 | 3153.5 | 3128.5 | 2953.3 | 2913.2 | 2938.3 |
| 50° | 2988.3 | 2983.3 | 2948.2 | 2943.2 | 2948.2 | 2983.3 | 2988.3 | 2973.3 | 2788.1 | 2753.0 | 2753.0 |
| 52.5° | 2798.1 | 2798.1 | 2803.1 | 2813.1 | 2803.1 | 2798.1 | 2798.1 | 2803.1 | 2637.9 | 2602.8 | 2592.9 |
| 55° | 2632.9 | 2637.9 | 2672.9 | 2683.0 | 2672.9 | 2637.9 | 2632.9 | 2632.9 | 2482.7 | 2447.7 | 2427.6 |
| 57.5° | 2462.7 | 2462.7 | 2487.8 | 2487.8 | 2487.8 | 2462.7 | 2462.7 | 2452.7 | 2307.5 | 2277.6 | 2267.5 |
| 60° | 2267.5 | 2277.6 | 2297.6 | 2292.5 | 2297.6 | 2277.6 | 2267.5 | 2257.4 | 2132.3 | 2112.3 | 2077.3 |
| 62.5° | 2062.3 | 2072.3 | 2077.3 | 2067.2 | 2077.3 | 2072.3 | 2062.3 | 2032.2 | 1957.1 | 1942.1 | 1897.1 |
| 65° | 1847.1 | 1857.0 | 1862.1 | 1852.0 | 1862.1 | 1857.0 | 1847.1 | 1832.0 | 1777.0 | 1751.9 | 1711.9 |
| 67.5° | 1626.8 | 1621.8 | 1616.7 | 1636.8 | 1616.7 | 1621.8 | 1626.8 | 1606.8 | 1571.8 | 1551.7 | 1496.6 |
| 70° | 1401.5 | 1401.5 | 1396.6 | 1406.5 | 1396.6 | 1401.5 | 1401.5 | 1386.5 | 1366.5 | 1351.5 | 1301.4 |
| 72.5° | 1161.3 | 1156.3 | 1176.3 | 1161.3 | 1176.3 | 1156.3 | 1161.3 | 1156.3 | 1146.2 | 1131.2 | 1081.1 |
| 75° | 926.1 | 936.0 | 926.1 | 941.0 | 926.1 | 936.0 | 926.1 | 931.0 | 926.1 | 916.0 | 881.0 |
| 77.5° | 705.8 | 715.8 | 705.8 | 705.8 | 705.8 | 715.8 | 705.8 | 710.8 | 710.8 | 710.8 | 680.7 |
| 80° | 500.6 | 495.6 | 495.6 | 490.5 | 495.6 | 495.6 | 500.6 | 500.6 | 505.5 | 495.6 | 485.5 |
| 82.5° | 320.4 | 315.3 | 315.3 | 325.4 | 315.3 | 315.3 | 320.4 | 325.4 | 315.3 | 315.3 | 315.3 |
| 85° | 175.2 | 180.2 | 170.2 | 170.2 | 170.2 | 180.2 | 175.2 | 165.2 | 175.2 | 175.2 | 170.2 |
| 87.5° | 65.1 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 65.1 | 70.1 | 70.1 | 70.1 | 75.0 |
| 90° | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 62.3 | 83.1 | 93.5 | 80.4 |
| 92.5° | 233.8 | 224.5 | 187.2 | 150.1 | 187.2 | 224.5 | 233.8 | 331.4 | 461.5 | 526.6 | 462.3 |
| 95° | 793.5 | 765.3 | 652.7 | 540.1 | 652.7 | 765.3 | 793.5 | 1042.1 | 1373.5 | 1539.1 | 1299.9 |
| 97.5° | 1832.0 | 1778.4 | 1564.1 | 1349.7 | 1564.1 | 1778.4 | 1832.0 | 1989.1 | 2198.5 | 2303.2 | 1904.3 |
| 100° | 2572.7 | 2508.9 | 2253.5 | 1998.1 | 2253.5 | 2508.9 | 2572.7 | 2561.2 | 2546.0 | 2538.3 | 2095.5 |
| 102.5° | 3205.1 | 3150.4 | 2931.7 | 2713.0 | 2931.7 | 3150.4 | 3205.1 | 3004.9 | 2738.1 | 2604.7 | 2155.8 |
| 105° | 3943.3 | 3913.9 | 3796.3 | 3678.8 | 3796.3 | 3913.9 | 3943.3 | 3494.7 | 2896.5 | 2597.3 | 2162.6 |
| 107.5° | 4327.2 | 4334.3 | 4362.8 | 4391.2 | 4362.8 | 4334.3 | 4327.2 | 3701.3 | 2866.9 | 2449.6 | 2066.3 |
| 110° | 4425.6 | 4456.2 | 4578.7 | 4701.2 | 4578.7 | 4456.2 | 4425.6 | 3725.9 | 2793.0 | 2326.6 | 1981.0 |



TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 4362.9 | 4409.9 | 4598.0 | 4786.1 | 4598.0 | 4409.9 | 4362.9 | 3646.8 | 2692.1 | 2214.7 | 1906.5 |
| 115° | 4150.0 | 4215.2 | 4476.0 | 4736.8 | 4476.0 | 4215.2 | 4150.0 | 3460.2 | 2540.4 | 2080.6 | 1821.0 |
| 117.5° | 3856.0 | 3928.2 | 4217.5 | 4506.8 | 4217.5 | 3928.2 | 3856.0 | 3233.4 | 2403.3 | 1988.3 | 1767.6 |
| 120° | 3657.9 | 3728.2 | 4009.2 | 4290.3 | 4009.2 | 3728.2 | 3657.9 | 3089.0 | 2330.6 | 1951.4 | 1749.7 |
| 122.5° | 3459.8 | 3529.1 | 3806.3 | 4083.5 | 3806.3 | 3529.1 | 3459.8 | 2947.5 | 2264.5 | 1923.1 | 1740.2 |
| 125° | 3197.7 | 3261.5 | 3516.9 | 3772.2 | 3516.9 | 3261.5 | 3197.7 | 2762.6 | 2182.4 | 1892.3 | 1732.4 |
| 127.5° | 2987.3 | 3041.1 | 3256.7 | 3472.1 | 3256.7 | 3041.1 | 2987.3 | 2613.7 | 2115.6 | 1866.5 | 1727.9 |
| 130° | 2854.5 | 2904.3 | 3103.2 | 3302.3 | 3103.2 | 2904.3 | 2854.5 | 2521.9 | 2078.4 | 1856.6 | 1730.6 |
| 132.5° | 2741.3 | 2785.8 | 2964.1 | 3142.4 | 2964.1 | 2785.8 | 2741.3 | 2443.5 | 2046.4 | 1848.0 | 1732.3 |
| 135° | 2581.2 | 2619.7 | 2773.3 | 2927.0 | 2773.3 | 2619.7 | 2581.2 | 2331.9 | 1999.5 | 1833.3 | 1730.7 |
| 137.5° | 2463.2 | 2494.7 | 2620.4 | 2746.2 | 2620.4 | 2494.7 | 2463.2 | 2252.4 | 1971.3 | 1830.8 | 1741.4 |
| 140° | 2368.5 | 2397.9 | 2515.5 | 2633.0 | 2515.5 | 2397.9 | 2368.5 | 2186.4 | 1943.5 | 1822.1 | 1743.1 |
| 142.5° | 2302.0 | 2327.3 | 2428.4 | 2529.6 | 2428.4 | 2327.3 | 2302.0 | 2142.1 | 1928.8 | 1822.1 | 1749.4 |
| 145° | 2202.3 | 2221.5 | 2298.1 | 2374.6 | 2298.1 | 2221.5 | 2202.3 | 2071.5 | 1897.1 | 1809.9 | 1749.5 |
| 147.5° | 2118.7 | 2134.6 | 2198.0 | 2261.4 | 2198.0 | 2134.6 | 2118.7 | 2015.8 | 1878.5 | 1809.9 | 1761.5 |
| 150° | 2070.7 | 2083.5 | 2135.0 | 2186.4 | 2135.0 | 2083.5 | 2070.7 | 1983.7 | 1867.9 | 1809.9 | 1767.8 |
| 152.5° | 2032.5 | 2042.2 | 2081.1 | 2119.9 | 2081.1 | 2042.2 | 2032.5 | 1958.3 | 1859.4 | 1809.9 | 1771.8 |
| 155° | 1987.0 | 1993.4 | 2019.1 | 2044.9 | 2019.1 | 1993.4 | 1987.0 | 1927.9 | 1849.2 | 1809.9 | 1780.9 |
| 157.5° | 1947.6 | 1952.2 | 1970.2 | 1988.3 | 1970.2 | 1952.2 | 1947.6 | 1901.7 | 1840.5 | 1809.9 | 1790.0 |
| 160° | 1927.9 | 1930.5 | 1940.9 | 1951.4 | 1940.9 | 1930.5 | 1927.9 | 1888.6 | 1836.1 | 1809.9 | 1794.0 |
| 162.5° | 1909.5 | 1912.0 | 1921.8 | 1931.7 | 1921.8 | 1912.0 | 1909.5 | 1876.3 | 1832.0 | 1809.9 | 1798.4 |
| 165° | 1881.2 | 1883.8 | 1894.2 | 1904.6 | 1894.2 | 1883.8 | 1881.2 | 1857.4 | 1825.8 | 1809.9 | 1804.7 |
| 167.5° | 1869.0 | 1870.0 | 1874.4 | 1878.7 | 1874.4 | 1870.0 | 1869.0 | 1853.4 | 1832.6 | 1822.1 | 1817.8 |
| 170° | 1869.0 | 1869.0 | 1869.0 | 1869.0 | 1869.0 | 1869.0 | 1869.0 | 1853.4 | 1832.6 | 1822.1 | 1821.8 |
| 172.5° | 1859.1 | 1858.1 | 1854.3 | 1850.4 | 1854.3 | 1858.1 | 1859.1 | 1846.8 | 1830.3 | 1822.1 | 1822.1 |
| 175° | 1845.5 | 1845.5 | 1845.5 | 1845.5 | 1845.5 | 1845.5 | 1845.5 | 1837.7 | 1827.4 | 1822.1 | 1824.6 |
| 177.5° | 1843.0 | 1841.9 | 1837.6 | 1833.3 | 1837.6 | 1841.9 | 1843.0 | 1836.9 | 1828.7 | 1824.6 | 1826.6 |
| 180° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 |



TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 5290.9 | 5290.9 | 5290.9 | 5290.9 | 5290.9 |
| 2.5° | 5225.8 | 5250.8 | 5265.8 | 5285.8 | 5335.9 |
| 5° | 5025.5 | 5120.7 | 5150.7 | 5225.8 | 5315.8 |
| 7.5° | 4585.1 | 4875.4 | 4955.4 | 5135.7 | 5275.8 |
| 10° | 4159.6 | 4449.9 | 4590.0 | 5015.6 | 5225.8 |
| 12.5° | 3944.4 | 4114.6 | 4209.6 | 4805.3 | 5155.7 |
| 15° | 3809.2 | 3929.3 | 3999.4 | 4525.0 | 5075.6 |
| 17.5° | 3704.1 | 3789.2 | 3839.3 | 4249.7 | 4965.5 |
| 20° | 3639.0 | 3679.1 | 3724.1 | 4049.5 | 4840.4 |
| 22.5° | 3594.0 | 3568.9 | 3604.0 | 3909.3 | 4670.2 |
| 25° | 3563.9 | 3468.8 | 3508.9 | 3799.2 | 4469.9 |
| 27.5° | 3588.9 | 3378.7 | 3393.7 | 3699.1 | 4259.7 |
| 30° | 3594.0 | 3268.6 | 3273.6 | 3594.0 | 4024.5 |
| 32.5° | 3559.0 | 3153.5 | 3158.5 | 3463.8 | 3759.1 |
| 35° | 3473.9 | 3018.3 | 3013.3 | 3313.7 | 3398.7 |
| 37.5° | 3358.7 | 2873.2 | 2873.2 | 3148.5 | 3003.4 |
| 40° | 3218.6 | 2728.0 | 2743.1 | 2933.3 | 2652.9 |
| 42.5° | 3048.3 | 2572.9 | 2592.9 | 2647.9 | 2392.6 |
| 45° | 2863.1 | 2422.7 | 2437.7 | 2237.4 | 2192.4 |
| 47.5° | 2658.0 | 2267.5 | 2272.5 | 1857.0 | 2127.4 |
| 50° | 2412.6 | 2107.3 | 2087.3 | 1591.8 | 2122.4 |
| 52.5° | 2197.4 | 1932.2 | 1872.0 | 1441.6 | 1927.1 |
| 55° | 1987.2 | 1746.9 | 1616.7 | 1326.5 | 1786.9 |
| 57.5° | 1802.0 | 1506.7 | 1381.5 | 1191.3 | 1757.0 |
| 60° | 1631.8 | 1271.4 | 1176.3 | 1046.1 | 1611.8 |
| 62.5° | 1491.6 | 1096.2 | 1076.2 | 946.1 | 1461.6 |
| 65° | 1341.5 | 976.0 | 971.1 | 861.0 | 1241.4 |
| 67.5° | 1196.3 | 896.0 | 890.9 | 780.8 | 946.1 |
| 70° | 1041.1 | 810.9 | 800.9 | 695.7 | 700.8 |
| 72.5° | 881.0 | 715.8 | 705.8 | 625.7 | 580.7 |
| 75° | 720.8 | 605.7 | 600.7 | 545.6 | 470.5 |
| 77.5° | 565.7 | 480.6 | 490.5 | 440.4 | 345.4 |
| 80° | 405.4 | 350.4 | 360.4 | 315.3 | 260.3 |
| 82.5° | 270.3 | 230.2 | 240.3 | 200.3 | 175.2 |
| 85° | 150.2 | 130.2 | 135.2 | 105.1 | 80.1 |
| 87.5° | 70.1 | 60.0 | 60.0 | 40.0 | 25.0 |
| 90° | 54.1 | 34.4 | 31.9 | 22.2 | 12.3 |
| 92.5° | 333.9 | 237.4 | 216.5 | 132.8 | 49.2 |
| 95° | 821.4 | 462.6 | 424.4 | 271.2 | 118.1 |
| 97.5° | 1106.5 | 508.2 | 474.4 | 339.3 | 204.2 |
| 100° | 1210.2 | 546.2 | 515.6 | 393.1 | 270.7 |
| 102.5° | 1257.8 | 584.4 | 555.8 | 441.5 | 327.3 |
| 105° | 1293.1 | 641.0 | 616.8 | 520.0 | 423.3 |
| 107.5° | 1299.6 | 724.7 | 702.1 | 611.9 | 521.7 |
| 110° | 1289.8 | 771.4 | 751.0 | 669.6 | 588.1 |



TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 1290.3 | 828.0 | 808.6 | 731.0 | 653.3 |
| 115° | 1302.1 | 912.9 | 895.0 | 823.4 | 751.7 |
| 117.5° | 1326.4 | 995.4 | 979.1 | 914.0 | 848.9 |
| 120° | 1346.1 | 1043.4 | 1028.1 | 966.8 | 905.5 |
| 122.5° | 1374.4 | 1100.0 | 1084.5 | 1022.8 | 961.0 |
| 125° | 1412.4 | 1172.6 | 1158.5 | 1102.2 | 1045.9 |
| 127.5° | 1450.6 | 1242.7 | 1228.5 | 1171.6 | 1114.7 |
| 130° | 1478.5 | 1289.4 | 1274.1 | 1212.9 | 1151.6 |
| 132.5° | 1501.0 | 1327.6 | 1312.3 | 1251.0 | 1189.8 |
| 135° | 1525.6 | 1371.8 | 1357.9 | 1302.1 | 1246.4 |
| 137.5° | 1562.5 | 1428.4 | 1414.6 | 1359.4 | 1304.2 |
| 140° | 1585.1 | 1466.6 | 1453.9 | 1403.1 | 1352.2 |
| 142.5° | 1603.9 | 1494.9 | 1483.1 | 1436.1 | 1389.1 |
| 145° | 1628.6 | 1538.0 | 1527.7 | 1486.7 | 1445.7 |
| 147.5° | 1664.7 | 1592.1 | 1582.1 | 1542.2 | 1502.3 |
| 150° | 1683.6 | 1620.4 | 1611.3 | 1575.2 | 1539.1 |
| 152.5° | 1695.8 | 1638.8 | 1632.0 | 1604.6 | 1577.3 |
| 155° | 1722.9 | 1679.5 | 1674.4 | 1654.1 | 1633.9 |
| 157.5° | 1750.1 | 1720.1 | 1715.1 | 1695.4 | 1675.7 |
| 160° | 1762.3 | 1738.5 | 1734.7 | 1719.4 | 1704.0 |
| 162.5° | 1775.4 | 1758.1 | 1755.3 | 1743.7 | 1732.3 |
| 165° | 1794.2 | 1786.4 | 1783.9 | 1773.4 | 1763.1 |
| 167.5° | 1809.0 | 1802.5 | 1801.2 | 1796.3 | 1791.4 |
| 170° | 1821.3 | 1820.9 | 1819.8 | 1814.8 | 1809.9 |
| 172.5° | 1822.1 | 1822.1 | 1821.8 | 1820.7 | 1819.7 |
| 175° | 1829.5 | 1833.3 | 1833.3 | 1833.3 | 1833.3 |
| 177.5° | 1830.4 | 1833.3 | 1833.3 | 1833.3 | 1833.3 |
| 180° | 1833.3 | 1833.3 | 1833.3 | 1833.3 | 1833.3 |



TEST NUMBER: P935378
 CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-3000K

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 | 14.85 | 15.74 | 15.78 | 16.69 | 17.91 | 17.70 | 18.60 | 18.63 | 19.54 | 20.76 |
| | 3H | 15.33 | 16.13 | 16.27 | 17.08 | 18.33 | 19.06 | 19.86 | 19.99 | 20.81 | 22.05 |
| | 4H | 15.52 | 16.28 | 16.47 | 17.24 | 18.49 | 19.51 | 20.26 | 20.46 | 21.22 | 22.47 |
| | 6H | 15.64 | 16.34 | 16.61 | 17.30 | 18.57 | 19.80 | 20.50 | 20.76 | 21.46 | 22.72 |
| | 8H | 15.64 | 16.31 | 16.61 | 17.29 | 18.55 | 19.88 | 20.54 | 20.85 | 21.52 | 22.78 |
| | 12H | 15.62 | 16.25 | 16.59 | 17.22 | 18.51 | 19.92 | 20.55 | 20.89 | 21.53 | 22.81 |
| 4H | 2H | 15.89 | 16.65 | 16.85 | 17.61 | 18.86 | 18.11 | 18.87 | 19.07 | 19.83 | 21.08 |
| | 3H | 16.92 | 17.55 | 17.89 | 18.54 | 19.81 | 19.63 | 20.26 | 20.60 | 21.25 | 22.51 |
| | 4H | 17.20 | 17.78 | 18.18 | 18.76 | 20.05 | 20.16 | 20.74 | 21.14 | 21.72 | 23.01 |
| | 6H | 17.33 | 17.82 | 18.32 | 18.83 | 20.12 | 20.54 | 21.03 | 21.52 | 22.04 | 23.33 |
| | 8H | 17.33 | 17.80 | 18.32 | 18.79 | 20.10 | 20.65 | 21.11 | 21.64 | 22.11 | 23.41 |
| | 12H | 17.30 | 17.72 | 18.31 | 18.73 | 20.04 | 20.71 | 21.13 | 21.72 | 22.14 | 23.45 |
| 8H | 4H | 17.66 | 18.12 | 18.65 | 19.12 | 20.42 | 20.29 | 20.75 | 21.28 | 21.75 | 23.05 |
| | 6H | 17.92 | 18.31 | 18.94 | 19.35 | 20.65 | 20.73 | 21.12 | 21.75 | 22.16 | 23.46 |
| | 8H | 17.96 | 18.30 | 18.99 | 19.33 | 20.65 | 20.89 | 21.23 | 21.91 | 22.25 | 23.57 |
| | 12H | 17.95 | 18.25 | 18.98 | 19.27 | 20.63 | 20.99 | 21.29 | 22.02 | 22.31 | 23.68 |
| 12H | 4H | 17.67 | 18.09 | 18.68 | 19.10 | 20.41 | 20.25 | 20.67 | 21.26 | 21.69 | 23.00 |
| | 6H | 17.98 | 18.32 | 19.01 | 19.35 | 20.67 | 20.73 | 21.07 | 21.75 | 22.10 | 23.41 |
| | 8H | 18.05 | 18.35 | 19.08 | 19.37 | 20.74 | 20.90 | 21.19 | 21.92 | 22.21 | 23.58 |