

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P671700

Luminaire Tested: **CCP-SA-1A-760-U-SLL**

Issue Date: 04/16/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P671700  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1A-760-U-SLL  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ SLL  
distribution lens  
Light Source: (16) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2322 lumens  
Efficiency: N/A  
Efficacy: 129.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1

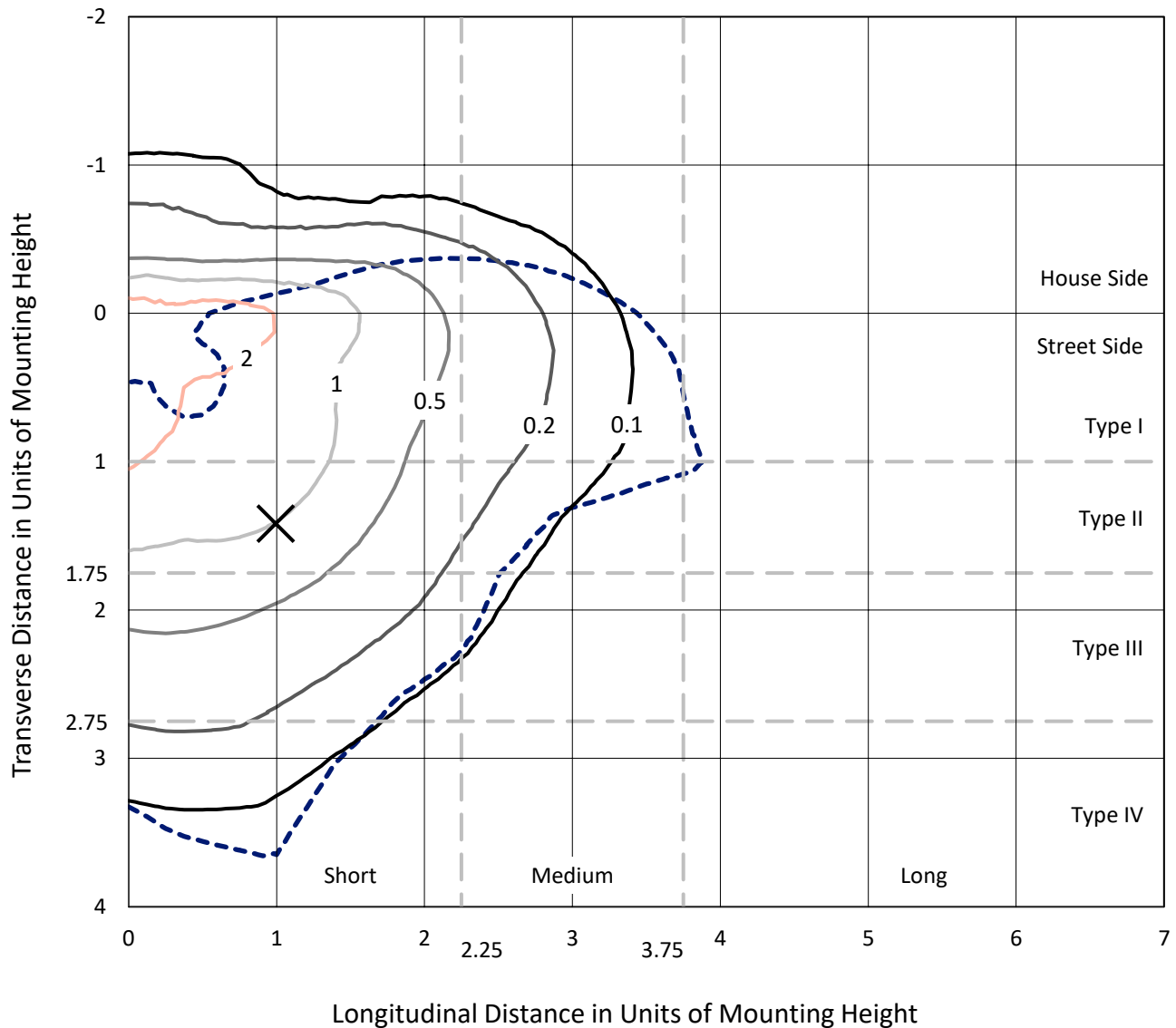
Input Watts (W): 18  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

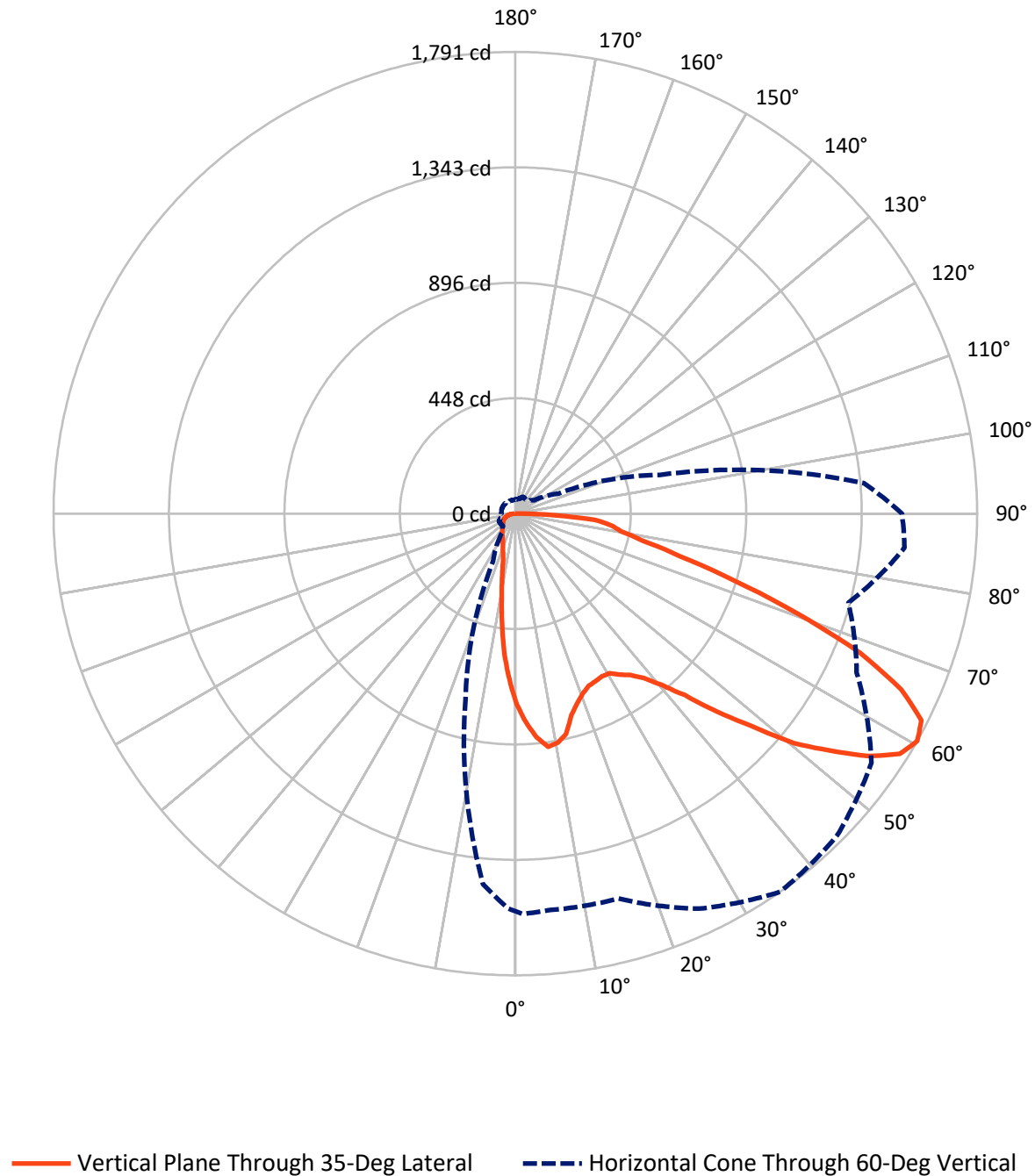


Based on 15 foot mounting height. Maximum calculated value = 3.8 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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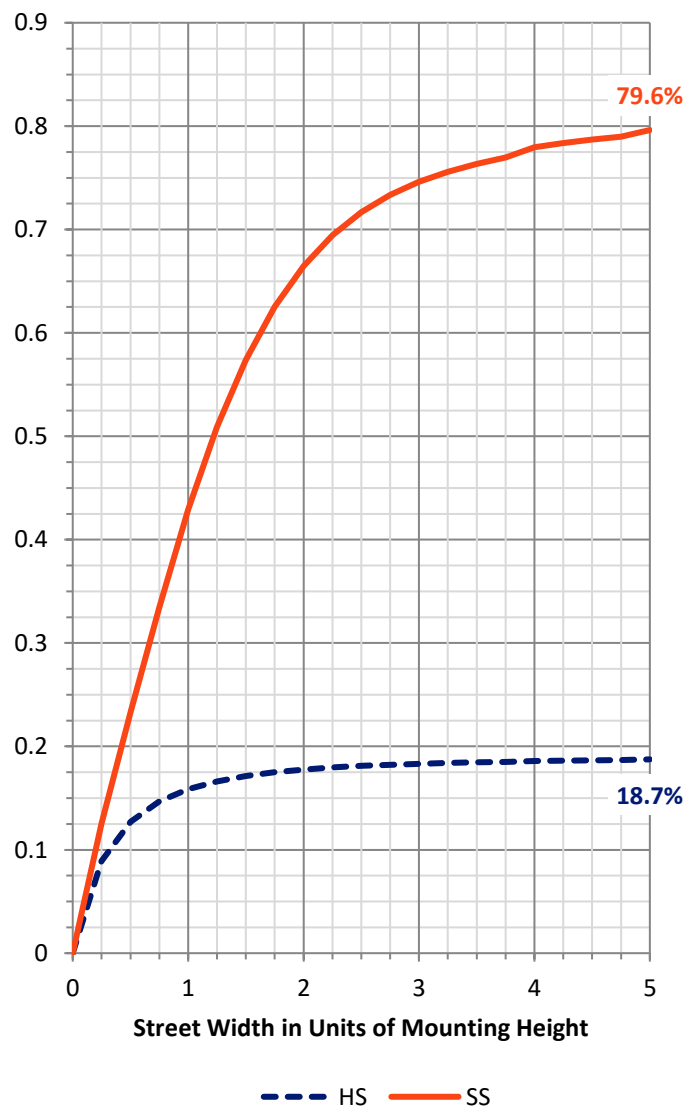
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 441.9    | 0.0    | 441.9  |
|                    | % Fixture | 19.0     | 0.0    | 19.0   |
| <b>Street Side</b> | Lumens    | 1880.1   | 0.0    | 1880.1 |
|                    | % Fixture | 81.0     | 0.0    | 81.0   |
| <b>Total</b>       | Lumens    | 2322.0   | 0.0    | 2322.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 57.6   | 2.5       |
| 10°-20°   | 121.6  | 5.2       |
| 20°-30°   | 178.0  | 7.7       |
| 30°-40°   | 250.8  | 10.8      |
| 40°-50°   | 344.6  | 14.8      |
| 50°-60°   | 469.7  | 20.2      |
| 60°-70°   | 514.0  | 22.1      |
| 70°-80°   | 296.8  | 12.8      |
| 80°-90°   | 88.9   | 3.8       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2322.0 | 100.0     |
| 0°-180°   | 2322.0 | 100.0     |

**Coefficient of Utilization**



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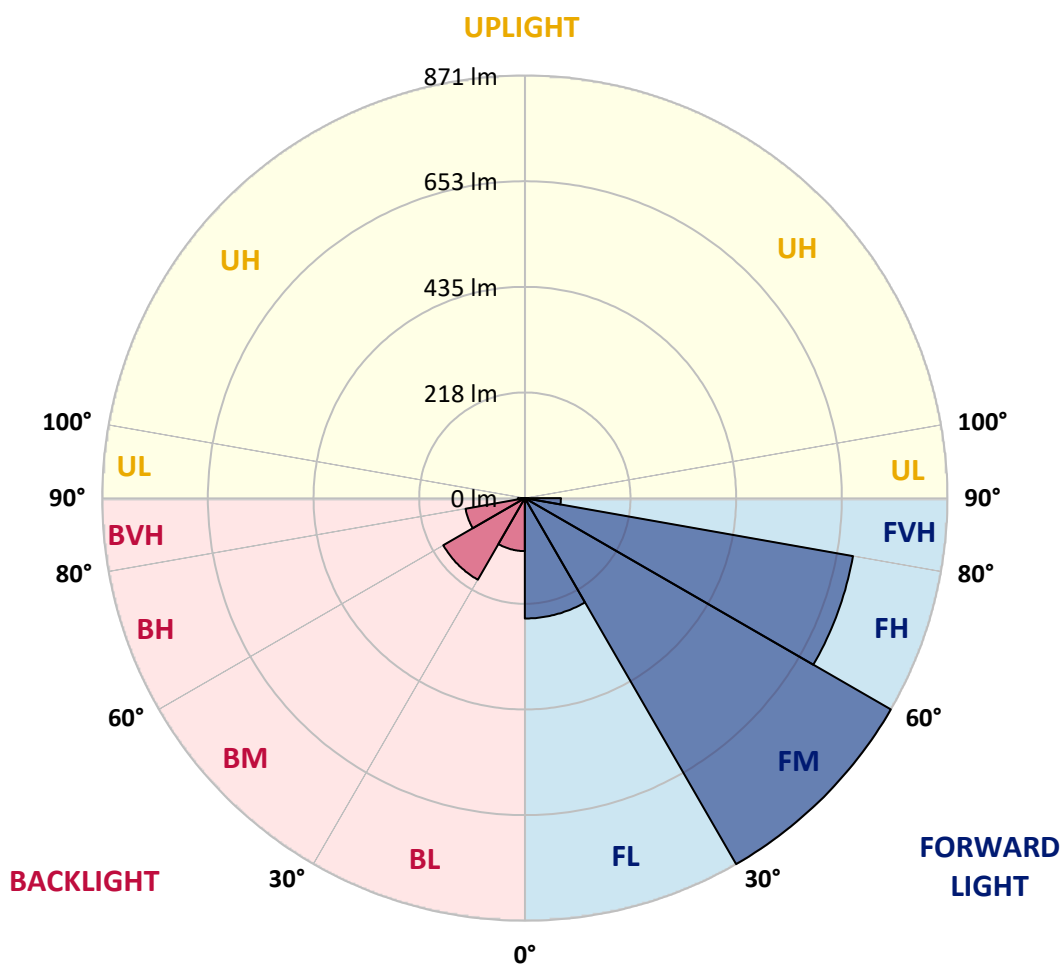
CATALOG NUMBER: CCP-SA-1A-760-U-SLL

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 248.1  | 10.7      |                         |      |         |
| FM   | (30°-60°)   | 870.9  | 37.5      |                         |      |         |
| FH   | (60°-80°)   | 686.7  | 29.6      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 74.4   | 3.2       |                         |      | G1/100  |
| BL   | (0°-30°)    | 109.2  | 4.7       | B0/110                  |      |         |
| BM   | (30°-60°)   | 194.1  | 8.4       | B0/220                  |      |         |
| BH   | (60°-80°)   | 124.1  | 5.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 14.5   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 741.6  | 741.6  | 741.6  | 741.6  | 741.6  | 741.6  | 741.6  | 741.6  | 741.6  | 741.6  | 741.6  |
| 2.5°  | 794.2  | 791.1  | 794.2  | 805.5  | 808.6  | 813.7  | 813.7  | 806.5  | 793.1  | 786.9  | 776.6  |
| 5°    | 811.7  | 806.5  | 832.3  | 856.0  | 874.5  | 872.4  | 854.9  | 840.5  | 813.7  | 773.6  | 735.4  |
| 7.5°  | 776.6  | 781.8  | 800.3  | 862.1  | 905.4  | 913.6  | 885.8  | 857.0  | 799.3  | 743.7  | 692.2  |
| 10°   | 710.7  | 717.9  | 758.1  | 822.0  | 889.9  | 903.3  | 885.8  | 850.8  | 781.8  | 712.8  | 653.0  |
| 12.5° | 678.8  | 695.3  | 719.0  | 796.2  | 844.6  | 876.6  | 868.3  | 845.7  | 768.4  | 687.0  | 629.3  |
| 15°   | 678.8  | 682.9  | 717.9  | 782.8  | 810.6  | 811.7  | 814.8  | 818.9  | 772.5  | 698.4  | 621.1  |
| 17.5° | 700.4  | 711.8  | 741.6  | 781.8  | 786.9  | 774.6  | 774.6  | 792.1  | 780.8  | 730.3  | 651.0  |
| 20°   | 753.0  | 748.8  | 788.0  | 804.5  | 776.6  | 745.7  | 742.7  | 772.5  | 790.0  | 764.3  | 705.6  |
| 22.5° | 805.5  | 824.0  | 856.0  | 818.9  | 767.4  | 726.2  | 722.1  | 759.1  | 817.8  | 823.0  | 768.4  |
| 25°   | 884.8  | 903.3  | 919.8  | 874.5  | 766.3  | 721.0  | 724.1  | 753.0  | 851.8  | 906.4  | 873.5  |
| 27.5° | 970.3  | 981.6  | 1005.3 | 935.3  | 791.1  | 714.8  | 717.9  | 761.2  | 883.8  | 961.0  | 955.9  |
| 30°   | 1018.7 | 1031.1 | 1025.9 | 946.6  | 807.5  | 719.0  | 710.7  | 772.5  | 866.3  | 961.0  | 1009.4 |
| 32.5° | 1066.1 | 1058.9 | 1055.8 | 965.1  | 828.1  | 744.7  | 724.1  | 796.2  | 876.6  | 976.5  | 1078.4 |
| 35°   | 1123.8 | 1113.5 | 1105.2 | 1001.2 | 862.1  | 769.4  | 760.2  | 827.1  | 899.2  | 1008.4 | 1134.1 |
| 37.5° | 1187.6 | 1187.6 | 1147.5 | 1028.0 | 902.3  | 809.6  | 799.3  | 871.4  | 935.3  | 1028.0 | 1210.3 |
| 40°   | 1262.8 | 1265.9 | 1194.8 | 1064.0 | 947.6  | 873.5  | 870.4  | 929.1  | 970.3  | 1056.8 | 1283.4 |
| 42.5° | 1318.4 | 1320.5 | 1236.0 | 1077.4 | 1000.2 | 962.0  | 975.4  | 1021.8 | 1010.5 | 1082.6 | 1288.6 |
| 45°   | 1356.5 | 1346.2 | 1264.9 | 1115.5 | 1057.8 | 1094.9 | 1099.0 | 1112.4 | 1063.0 | 1098.0 | 1309.2 |
| 47.5° | 1375.1 | 1373.0 | 1277.2 | 1159.8 | 1179.4 | 1229.9 | 1253.5 | 1235.0 | 1111.4 | 1081.5 | 1309.2 |
| 50°   | 1393.6 | 1376.1 | 1288.6 | 1220.6 | 1297.8 | 1399.8 | 1394.7 | 1360.7 | 1178.4 | 1102.1 | 1289.6 |
| 52.5° | 1406.0 | 1390.5 | 1311.2 | 1275.2 | 1411.1 | 1526.5 | 1547.1 | 1484.3 | 1256.6 | 1140.2 | 1298.9 |
| 55°   | 1450.3 | 1437.9 | 1379.2 | 1349.3 | 1542.0 | 1660.4 | 1663.5 | 1575.9 | 1339.0 | 1203.1 | 1359.6 |
| 57.5° | 1503.8 | 1511.1 | 1472.9 | 1454.4 | 1641.9 | 1758.3 | 1746.9 | 1643.9 | 1409.1 | 1279.3 | 1429.7 |
| 60°   | 1542.0 | 1553.3 | 1544.0 | 1546.1 | 1691.3 | 1791.2 | 1765.5 | 1686.2 | 1460.6 | 1337.0 | 1515.2 |
| 62.5° | 1521.4 | 1544.0 | 1582.1 | 1573.9 | 1693.4 | 1767.5 | 1731.5 | 1630.5 | 1466.8 | 1412.2 | 1580.1 |
| 65°   | 1464.7 | 1466.8 | 1540.9 | 1586.2 | 1600.7 | 1645.0 | 1597.6 | 1514.1 | 1402.9 | 1458.5 | 1570.8 |
| 67.5° | 1319.5 | 1335.9 | 1402.9 | 1491.5 | 1430.7 | 1441.0 | 1436.9 | 1316.4 | 1306.1 | 1426.6 | 1499.7 |
| 70°   | 1165.0 | 1176.3 | 1249.4 | 1353.5 | 1208.2 | 1159.8 | 1169.1 | 1079.5 | 1121.7 | 1327.7 | 1356.5 |
| 72.5° | 963.1  | 970.3  | 1053.7 | 1145.4 | 969.3  | 882.7  | 904.4  | 831.2  | 891.0  | 1161.9 | 1144.4 |
| 75°   | 727.2  | 740.6  | 805.5  | 913.6  | 713.8  | 658.2  | 679.8  | 649.9  | 705.6  | 956.9  | 887.9  |
| 77.5° | 517.1  | 506.8  | 587.1  | 714.8  | 536.6  | 503.7  | 505.7  | 510.9  | 570.6  | 806.5  | 637.6  |
| 80°   | 352.3  | 355.4  | 427.5  | 524.3  | 421.3  | 416.1  | 411.0  | 452.2  | 479.0  | 638.6  | 463.5  |
| 82.5° | 209.1  | 209.1  | 288.4  | 372.9  | 332.7  | 374.9  | 351.2  | 388.3  | 374.9  | 469.7  | 303.9  |
| 85°   | 97.9   | 97.9   | 148.3  | 268.8  | 257.5  | 309.0  | 262.7  | 293.6  | 277.1  | 327.5  | 137.0  |
| 87.5° | 16.5   | 14.4   | 29.9   | 131.8  | 106.1  | 120.5  | 47.4   | 156.6  | 174.1  | 228.7  | 34.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 741.6  | 741.6  | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |
| 2.5°  | 765.3  | 758.1  | 743.7 | 725.1 | 709.7 | 690.1 | 683.9 | 670.5 | 652.0 | 649.9 | 641.7 |
| 5°    | 721.0  | 696.3  | 665.4 | 627.3 | 601.5 | 574.8 | 552.1 | 538.7 | 523.3 | 521.2 | 517.1 |
| 7.5°  | 672.6  | 641.7  | 590.2 | 544.9 | 500.6 | 458.4 | 437.8 | 412.0 | 394.5 | 381.1 | 374.9 |
| 10°   | 627.3  | 598.4  | 534.6 | 472.8 | 433.6 | 405.8 | 381.1 | 354.3 | 332.7 | 316.2 | 310.0 |
| 12.5° | 597.4  | 563.4  | 494.4 | 435.7 | 406.9 | 374.9 | 347.1 | 318.3 | 290.5 | 268.8 | 257.5 |
| 15°   | 584.0  | 552.1  | 482.1 | 417.2 | 374.9 | 330.6 | 298.7 | 269.9 | 235.9 | 220.4 | 215.3 |
| 17.5° | 616.0  | 568.6  | 477.9 | 395.5 | 335.8 | 285.3 | 246.2 | 215.3 | 190.6 | 175.1 | 168.9 |
| 20°   | 657.2  | 598.4  | 485.1 | 369.8 | 298.7 | 242.1 | 198.8 | 165.8 | 149.4 | 138.0 | 137.0 |
| 22.5° | 709.7  | 642.7  | 496.5 | 351.2 | 257.5 | 194.7 | 155.5 | 136.0 | 124.6 | 123.6 | 121.5 |
| 25°   | 803.4  | 723.1  | 515.0 | 326.5 | 224.5 | 160.7 | 132.9 | 121.5 | 116.4 | 113.3 | 115.4 |
| 27.5° | 883.8  | 775.6  | 528.4 | 311.1 | 211.2 | 151.4 | 128.8 | 116.4 | 111.2 | 110.2 | 111.2 |
| 30°   | 931.1  | 824.0  | 524.3 | 282.2 | 184.4 | 144.2 | 137.0 | 132.9 | 122.6 | 114.3 | 114.3 |
| 32.5° | 974.4  | 854.9  | 523.3 | 256.5 | 157.6 | 120.5 | 114.3 | 111.2 | 117.4 | 121.5 | 118.5 |
| 35°   | 1034.1 | 903.3  | 520.2 | 242.1 | 146.3 | 111.2 | 100.9 | 92.7  | 88.6  | 86.5  | 89.6  |
| 37.5° | 1098.0 | 936.3  | 511.9 | 240.0 | 140.1 | 106.1 | 97.9  | 89.6  | 85.5  | 83.4  | 82.4  |
| 40°   | 1168.1 | 971.3  | 502.7 | 229.7 | 137.0 | 103.0 | 94.8  | 87.6  | 82.4  | 79.3  | 78.3  |
| 42.5° | 1213.4 | 999.1  | 493.4 | 224.5 | 130.8 | 100.9 | 91.7  | 85.5  | 80.3  | 76.2  | 76.2  |
| 45°   | 1239.1 | 1032.1 | 484.1 | 219.4 | 123.6 | 102.0 | 91.7  | 83.4  | 77.3  | 75.2  | 73.1  |
| 47.5° | 1250.5 | 1056.8 | 481.0 | 211.2 | 117.4 | 97.9  | 89.6  | 81.4  | 75.2  | 71.1  | 70.0  |
| 50°   | 1280.3 | 1109.3 | 492.4 | 205.0 | 110.2 | 93.7  | 94.8  | 80.3  | 74.2  | 69.0  | 68.0  |
| 52.5° | 1297.8 | 1151.6 | 517.1 | 195.7 | 105.1 | 88.6  | 92.7  | 78.3  | 71.1  | 65.9  | 65.9  |
| 55°   | 1361.7 | 1221.6 | 543.9 | 188.5 | 98.9  | 81.4  | 85.5  | 74.2  | 65.9  | 62.8  | 62.8  |
| 57.5° | 1443.1 | 1295.8 | 566.5 | 185.4 | 94.8  | 76.2  | 76.2  | 72.1  | 62.8  | 58.7  | 57.7  |
| 60°   | 1499.7 | 1356.5 | 579.9 | 183.3 | 90.6  | 71.1  | 68.0  | 72.1  | 59.7  | 55.6  | 54.6  |
| 62.5° | 1505.9 | 1321.5 | 566.5 | 182.3 | 89.6  | 65.9  | 61.8  | 69.0  | 56.7  | 52.5  | 50.5  |
| 65°   | 1466.8 | 1250.5 | 529.4 | 178.2 | 88.6  | 60.8  | 57.7  | 59.7  | 52.5  | 49.4  | 47.4  |
| 67.5° | 1388.5 | 1135.1 | 475.9 | 176.1 | 87.6  | 56.7  | 52.5  | 51.5  | 48.4  | 45.3  | 43.3  |
| 70°   | 1206.2 | 984.7  | 413.0 | 166.9 | 85.5  | 53.6  | 47.4  | 46.4  | 43.3  | 41.2  | 40.2  |
| 72.5° | 1012.5 | 805.5  | 340.9 | 154.5 | 81.4  | 48.4  | 43.3  | 41.2  | 40.2  | 37.1  | 36.1  |
| 75°   | 775.6  | 620.1  | 273.0 | 137.0 | 71.1  | 43.3  | 38.1  | 36.1  | 35.0  | 33.0  | 31.9  |
| 77.5° | 544.9  | 461.5  | 201.9 | 111.2 | 59.7  | 39.1  | 34.0  | 31.9  | 30.9  | 27.8  | 27.8  |
| 80°   | 369.8  | 323.4  | 137.0 | 77.3  | 46.4  | 31.9  | 29.9  | 27.8  | 25.8  | 23.7  | 23.7  |
| 82.5° | 229.7  | 226.6  | 98.9  | 50.5  | 34.0  | 25.8  | 23.7  | 23.7  | 20.6  | 18.5  | 18.5  |
| 85°   | 105.1  | 139.1  | 69.0  | 35.0  | 25.8  | 19.6  | 19.6  | 18.5  | 16.5  | 13.4  | 13.4  |
| 87.5° | 33.0   | 46.4   | 36.1  | 15.5  | 14.4  | 11.3  | 11.3  | 10.3  | 10.3  | 8.2   | 8.2   |
| 90°   | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |





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**CANDELA DISTRIBUTION (continued):**

|       | 185°  | 195°  | 205°  | 215°  | 225°  | 235°  | 245°  | 255°  | 265°  | 270°  | 275°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 |
| 2.5°  | 649.9 | 648.9 | 648.9 | 644.8 | 655.1 | 655.1 | 661.3 | 656.1 | 659.2 | 660.2 | 668.5 |
| 5°    | 516.0 | 524.3 | 530.5 | 542.8 | 550.0 | 553.1 | 553.1 | 561.4 | 558.3 | 564.5 | 576.8 |
| 7.5°  | 378.0 | 388.3 | 406.9 | 422.3 | 434.7 | 438.8 | 437.8 | 439.8 | 442.9 | 435.7 | 437.8 |
| 10°   | 305.9 | 298.7 | 304.9 | 319.3 | 330.6 | 344.0 | 333.7 | 332.7 | 335.8 | 332.7 | 338.9 |
| 12.5° | 255.4 | 247.2 | 242.1 | 242.1 | 250.3 | 256.5 | 253.4 | 258.5 | 269.9 | 273.0 | 280.2 |
| 15°   | 207.0 | 199.8 | 195.7 | 190.6 | 198.8 | 200.9 | 203.9 | 211.2 | 219.4 | 223.5 | 231.8 |
| 17.5° | 165.8 | 165.8 | 165.8 | 161.7 | 164.8 | 167.9 | 168.9 | 178.2 | 179.2 | 183.3 | 186.4 |
| 20°   | 136.0 | 139.1 | 144.2 | 146.3 | 149.4 | 149.4 | 147.3 | 152.4 | 148.3 | 151.4 | 153.5 |
| 22.5° | 122.6 | 126.7 | 128.8 | 129.8 | 133.9 | 134.9 | 129.8 | 130.8 | 131.8 | 128.8 | 129.8 |
| 25°   | 115.4 | 117.4 | 115.4 | 116.4 | 117.4 | 115.4 | 116.4 | 118.5 | 117.4 | 119.5 | 118.5 |
| 27.5° | 112.3 | 110.2 | 109.2 | 108.2 | 108.2 | 106.1 | 107.1 | 107.1 | 109.2 | 110.2 | 110.2 |
| 30°   | 112.3 | 109.2 | 105.1 | 102.0 | 102.0 | 98.9  | 100.9 | 103.0 | 104.0 | 106.1 | 106.1 |
| 32.5° | 115.4 | 109.2 | 102.0 | 98.9  | 95.8  | 93.7  | 95.8  | 98.9  | 103.0 | 104.0 | 105.1 |
| 35°   | 91.7  | 94.8  | 93.7  | 89.6  | 88.6  | 88.6  | 87.6  | 87.6  | 84.5  | 84.5  | 83.4  |
| 37.5° | 82.4  | 81.4  | 83.4  | 84.5  | 85.5  | 82.4  | 82.4  | 78.3  | 77.3  | 78.3  | 78.3  |
| 40°   | 77.3  | 77.3  | 77.3  | 80.3  | 81.4  | 79.3  | 76.2  | 74.2  | 74.2  | 74.2  | 75.2  |
| 42.5° | 75.2  | 73.1  | 72.1  | 74.2  | 77.3  | 75.2  | 72.1  | 71.1  | 71.1  | 72.1  | 72.1  |
| 45°   | 72.1  | 71.1  | 70.0  | 69.0  | 73.1  | 70.0  | 69.0  | 68.0  | 68.0  | 68.0  | 69.0  |
| 47.5° | 69.0  | 68.0  | 65.9  | 65.9  | 67.0  | 65.9  | 64.9  | 64.9  | 64.9  | 67.0  | 67.0  |
| 50°   | 67.0  | 65.9  | 63.9  | 63.9  | 63.9  | 63.9  | 62.8  | 62.8  | 62.8  | 63.9  | 64.9  |
| 52.5° | 63.9  | 62.8  | 61.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 61.8  | 62.8  |
| 55°   | 60.8  | 59.7  | 58.7  | 58.7  | 59.7  | 59.7  | 58.7  | 59.7  | 58.7  | 59.7  | 60.8  |
| 57.5° | 57.7  | 56.7  | 55.6  | 56.7  | 57.7  | 56.7  | 56.7  | 56.7  | 56.7  | 56.7  | 57.7  |
| 60°   | 53.6  | 53.6  | 53.6  | 53.6  | 55.6  | 55.6  | 55.6  | 55.6  | 53.6  | 54.6  | 55.6  |
| 62.5° | 51.5  | 50.5  | 50.5  | 51.5  | 52.5  | 52.5  | 53.6  | 52.5  | 51.5  | 52.5  | 52.5  |
| 65°   | 47.4  | 47.4  | 47.4  | 48.4  | 48.4  | 49.4  | 49.4  | 49.4  | 48.4  | 49.4  | 49.4  |
| 67.5° | 44.3  | 44.3  | 44.3  | 44.3  | 46.4  | 46.4  | 46.4  | 46.4  | 45.3  | 45.3  | 46.4  |
| 70°   | 39.1  | 40.2  | 39.1  | 41.2  | 43.3  | 42.2  | 43.3  | 43.3  | 42.2  | 41.2  | 43.3  |
| 72.5° | 36.1  | 36.1  | 36.1  | 36.1  | 39.1  | 39.1  | 39.1  | 40.2  | 39.1  | 38.1  | 39.1  |
| 75°   | 31.9  | 31.9  | 31.9  | 33.0  | 35.0  | 35.0  | 35.0  | 35.0  | 35.0  | 34.0  | 34.0  |
| 77.5° | 27.8  | 28.8  | 27.8  | 28.8  | 30.9  | 29.9  | 30.9  | 31.9  | 30.9  | 29.9  | 29.9  |
| 80°   | 23.7  | 23.7  | 23.7  | 24.7  | 25.8  | 25.8  | 25.8  | 26.8  | 25.8  | 24.7  | 24.7  |
| 82.5° | 18.5  | 18.5  | 19.6  | 19.6  | 20.6  | 20.6  | 20.6  | 21.6  | 20.6  | 19.6  | 19.6  |
| 85°   | 14.4  | 14.4  | 14.4  | 15.5  | 15.5  | 16.5  | 16.5  | 17.5  | 17.5  | 16.5  | 16.5  |
| 87.5° | 9.3   | 8.2   | 9.3   | 9.3   | 10.3  | 10.3  | 9.3   | 8.2   | 9.3   | 8.2   | 7.2   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P671700

CATALOG NUMBER: CCP-SA-1A-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 285°  | 295°  | 305°  | 315°  | 325°  | 335°  | 345°  | 355°   | 359°   | 360°   |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0°    | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6 | 741.6  | 741.6  | 741.6  |
| 2.5°  | 676.7 | 695.3 | 708.7 | 717.9 | 731.3 | 757.1 | 767.4 | 785.9  | 791.1  | 794.2  |
| 5°    | 582.0 | 601.5 | 630.4 | 651.0 | 674.7 | 723.1 | 760.2 | 788.0  | 800.3  | 811.7  |
| 7.5°  | 456.3 | 482.1 | 511.9 | 538.7 | 577.8 | 637.6 | 686.0 | 743.7  | 765.3  | 776.6  |
| 10°   | 356.4 | 380.1 | 413.0 | 446.0 | 500.6 | 551.1 | 620.1 | 672.6  | 702.5  | 710.7  |
| 12.5° | 300.8 | 328.6 | 367.7 | 407.9 | 441.9 | 499.6 | 569.6 | 645.8  | 673.6  | 678.8  |
| 15°   | 255.4 | 293.6 | 333.7 | 374.9 | 414.1 | 464.5 | 539.7 | 632.4  | 673.6  | 678.8  |
| 17.5° | 211.2 | 245.1 | 292.5 | 336.8 | 382.1 | 451.2 | 544.9 | 643.8  | 685.0  | 700.4  |
| 20°   | 167.9 | 200.9 | 237.9 | 293.6 | 355.4 | 428.5 | 556.2 | 681.9  | 736.5  | 753.0  |
| 22.5° | 139.1 | 153.5 | 189.5 | 243.1 | 316.2 | 413.0 | 567.5 | 741.6  | 799.3  | 805.5  |
| 25°   | 121.5 | 131.8 | 154.5 | 205.0 | 285.3 | 402.7 | 594.3 | 810.6  | 884.8  | 884.8  |
| 27.5° | 113.3 | 117.4 | 132.9 | 178.2 | 263.7 | 393.5 | 621.1 | 886.9  | 955.9  | 970.3  |
| 30°   | 111.2 | 121.5 | 129.8 | 158.6 | 240.0 | 367.7 | 645.8 | 946.6  | 1017.7 | 1018.7 |
| 32.5° | 109.2 | 107.1 | 113.3 | 138.0 | 211.2 | 340.9 | 666.4 | 1007.4 | 1063.0 | 1066.1 |
| 35°   | 85.5  | 89.6  | 99.9  | 121.5 | 189.5 | 321.4 | 676.7 | 1040.3 | 1120.7 | 1123.8 |
| 37.5° | 80.3  | 85.5  | 93.7  | 112.3 | 175.1 | 304.9 | 679.8 | 1104.2 | 1181.4 | 1187.6 |
| 40°   | 78.3  | 82.4  | 88.6  | 104.0 | 163.8 | 284.3 | 686.0 | 1170.1 | 1271.1 | 1262.8 |
| 42.5° | 74.2  | 79.3  | 85.5  | 99.9  | 154.5 | 268.8 | 687.0 | 1206.2 | 1318.4 | 1318.4 |
| 45°   | 73.1  | 76.2  | 83.4  | 99.9  | 144.2 | 255.4 | 670.5 | 1242.2 | 1373.0 | 1356.5 |
| 47.5° | 69.0  | 75.2  | 81.4  | 96.8  | 131.8 | 242.1 | 651.0 | 1260.8 | 1380.2 | 1375.1 |
| 50°   | 68.0  | 74.2  | 84.5  | 91.7  | 124.6 | 235.9 | 646.9 | 1307.1 | 1394.7 | 1393.6 |
| 52.5° | 65.9  | 72.1  | 87.6  | 87.6  | 115.4 | 227.6 | 666.4 | 1327.7 | 1397.7 | 1406.0 |
| 55°   | 62.8  | 72.1  | 81.4  | 80.3  | 107.1 | 217.3 | 688.1 | 1381.3 | 1452.3 | 1450.3 |
| 57.5° | 60.8  | 70.0  | 77.3  | 73.1  | 97.9  | 210.1 | 720.0 | 1432.8 | 1518.3 | 1503.8 |
| 60°   | 57.7  | 70.0  | 69.0  | 68.0  | 90.6  | 203.9 | 746.8 | 1443.1 | 1532.7 | 1542.0 |
| 62.5° | 55.6  | 73.1  | 60.8  | 62.8  | 84.5  | 200.9 | 735.4 | 1365.8 | 1513.1 | 1521.4 |
| 65°   | 53.6  | 62.8  | 55.6  | 57.7  | 82.4  | 194.7 | 691.1 | 1273.1 | 1428.7 | 1464.7 |
| 67.5° | 49.4  | 51.5  | 51.5  | 53.6  | 80.3  | 180.3 | 600.5 | 1106.3 | 1299.9 | 1319.5 |
| 70°   | 45.3  | 46.4  | 46.4  | 49.4  | 78.3  | 163.8 | 495.4 | 956.9  | 1127.9 | 1165.0 |
| 72.5° | 41.2  | 41.2  | 41.2  | 45.3  | 72.1  | 150.4 | 407.9 | 735.4  | 937.3  | 963.1  |
| 75°   | 36.1  | 36.1  | 36.1  | 40.2  | 64.9  | 137.0 | 321.4 | 546.9  | 690.1  | 727.2  |
| 77.5° | 31.9  | 31.9  | 30.9  | 36.1  | 56.7  | 111.2 | 231.8 | 386.3  | 486.2  | 517.1  |
| 80°   | 26.8  | 25.8  | 25.8  | 28.8  | 44.3  | 80.3  | 149.4 | 273.0  | 338.9  | 352.3  |
| 82.5° | 21.6  | 20.6  | 19.6  | 21.6  | 31.9  | 50.5  | 92.7  | 190.6  | 217.3  | 209.1  |
| 85°   | 20.6  | 21.6  | 17.5  | 16.5  | 22.7  | 33.0  | 58.7  | 117.4  | 97.9   | 97.9   |
| 87.5° | 8.2   | 7.2   | 7.2   | 6.2   | 11.3  | 12.4  | 25.8  | 21.6   | 16.5   | 16.5   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    |

(END OF REPORT)