

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: P401168

Luminaire Tested: **ENT-SA1B-750-U-SLL**

Issue Date: 5/20/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P401168  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2004-754-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/20/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENT-SA1B-750-U-SLL  
Description: ENTRI LED LUMINAIRE  
(1) 70 CRI, 5000K, 450mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3031 lumens  
Efficiency: N/A  
Efficacy: 119.3 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium - Non-Cutoff  
BUG Rating: B1 - U0 - G1

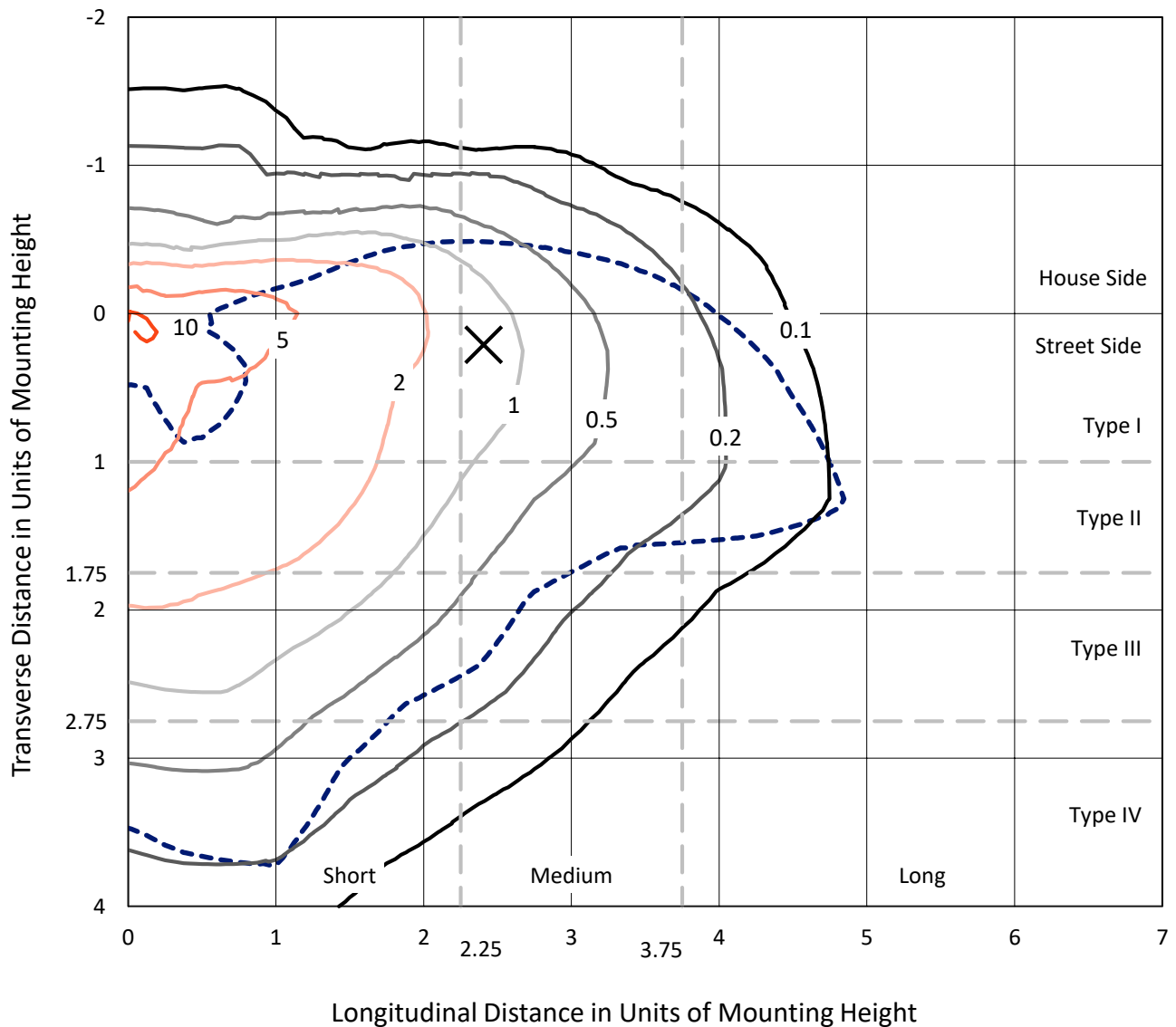
Input Watts (W): 25.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

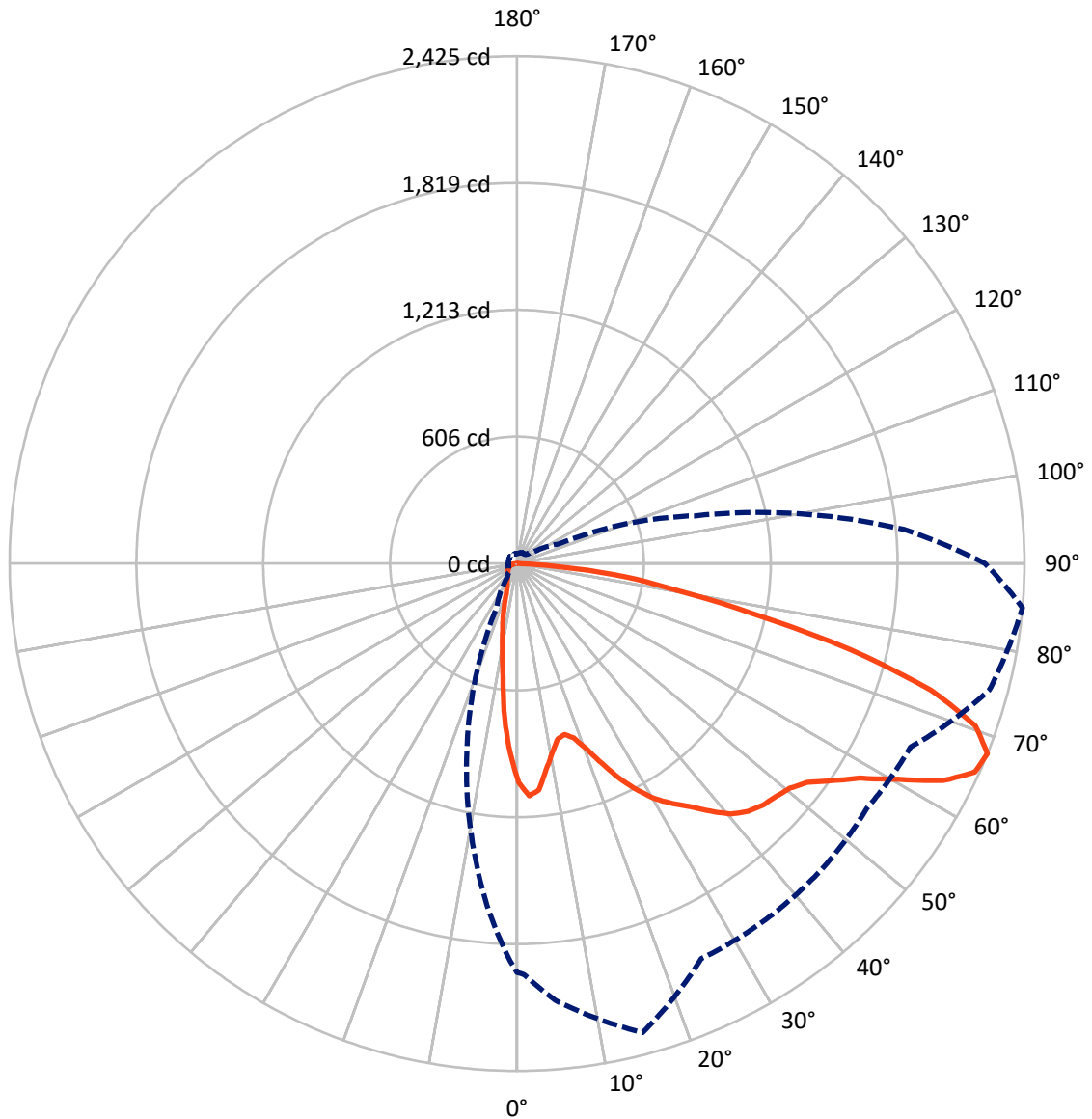
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.2 fc  
 Type III - Medium - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 85-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 610.7    | 0.0    | 610.7  |
|                    | % Fixture | 20.1     | 0.0    | 20.1   |
| <b>Street Side</b> | Lumens    | 2420.3   | 0.0    | 2420.3 |
|                    | % Fixture | 79.9     | 0.0    | 79.9   |
| <b>Total</b>       | Lumens    | 3031.0   | 0.0    | 3031.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 79.6   | 2.6       |
| 10°-20°   | 157.0  | 5.2       |
| 20°-30°   | 219.4  | 7.2       |
| 30°-40°   | 309.3  | 10.2      |
| 40°-50°   | 428.5  | 14.1      |
| 50°-60°   | 602.2  | 19.9      |
| 60°-70°   | 736.1  | 24.3      |
| 70°-80°   | 432.6  | 14.3      |
| 80°-90°   | 66.2   | 2.2       |
| 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°    | 3031.0 | 100.0     |
| 0°-180°   | 3031.0 | 100.0     |



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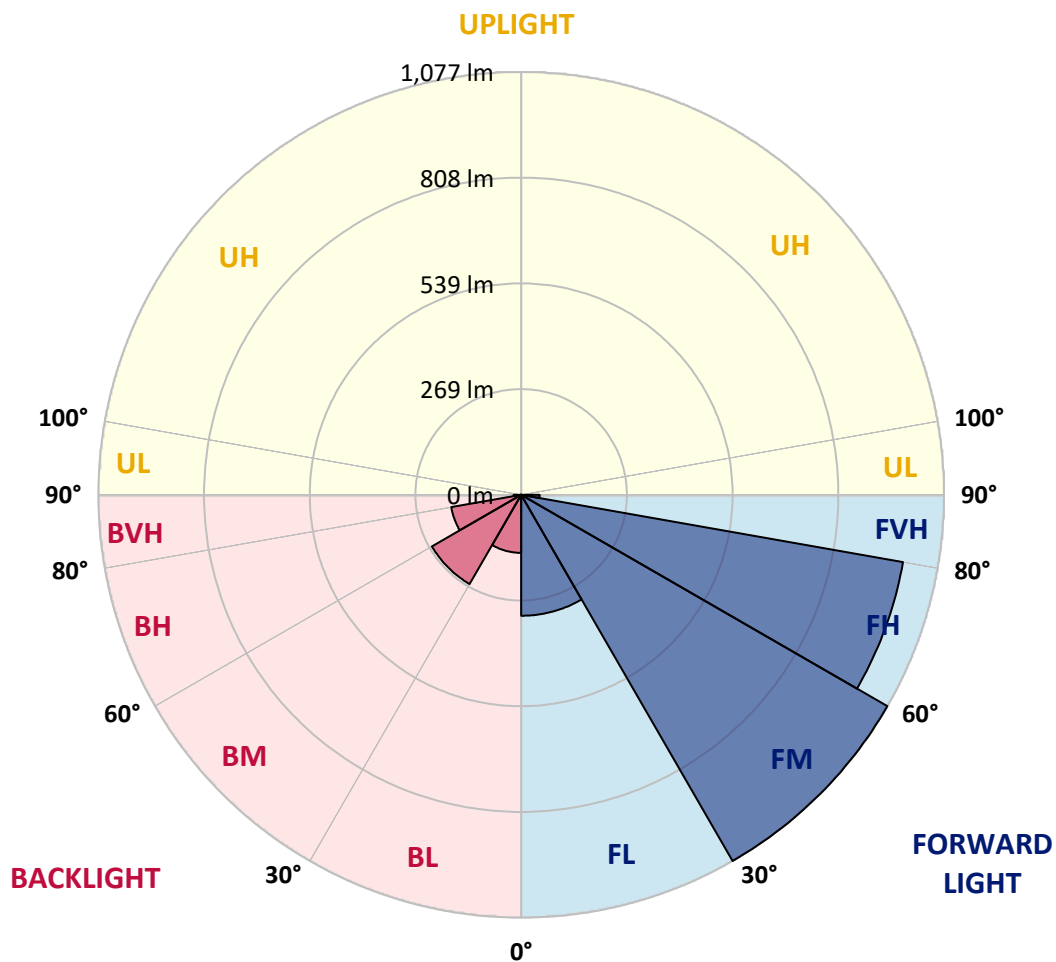
CATALOG NUMBER: ENT-SA1B-750-U-SLL

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 308.1  | 10.2      |                         |      |         |
| FM (30°-60°)   | 1077.4 | 35.5      |                         |      |         |
| FH (60°-80°)   | 987.9  | 32.6      |                         |      | G1/1800 |
| FVH (80°-90°)  | 46.9   | 1.5       |                         |      | G1/100  |
| BL (0°-30°)    | 147.9  | 4.9       | B1/500                  |      |         |
| BM (30°-60°)   | 262.5  | 8.7       | B1/1000                 |      |         |
| BH (60°-80°)   | 180.9  | 6.0       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 19.4   | 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 III Medium





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 |
| 2.5°  | 1075.9 | 1071.0 | 1087.6 | 1112.0 | 1128.5 | 1140.2 | 1144.1 | 1143.6 | 1140.2 | 1131.0 | 1111.5 |
| 5°    | 1028.1 | 1023.8 | 1057.4 | 1111.5 | 1158.7 | 1192.8 | 1202.6 | 1189.0 | 1171.9 | 1135.8 | 1088.1 |
| 7.5°  | 937.5  | 944.3  | 987.2  | 1063.2 | 1139.2 | 1193.3 | 1206.5 | 1185.1 | 1150.0 | 1076.4 | 996.0  |
| 10°   | 868.8  | 872.2  | 920.5  | 1012.1 | 1093.0 | 1148.5 | 1171.4 | 1152.4 | 1106.6 | 1013.5 | 920.5  |
| 12.5° | 826.4  | 829.8  | 876.6  | 961.4  | 1047.6 | 1091.0 | 1097.8 | 1097.3 | 1059.3 | 969.2  | 861.5  |
| 15°   | 832.3  | 836.7  | 883.4  | 953.6  | 1002.3 | 1021.3 | 1021.8 | 1027.2 | 1016.0 | 947.3  | 847.4  |
| 17.5° | 888.8  | 888.8  | 933.6  | 976.0  | 964.8  | 951.2  | 961.4  | 971.1  | 990.6  | 960.4  | 876.1  |
| 20°   | 978.0  | 981.9  | 1023.3 | 1016.0 | 947.7  | 913.6  | 901.5  | 918.5  | 978.9  | 999.9  | 943.9  |
| 22.5° | 1074.4 | 1084.7 | 1128.0 | 1074.4 | 944.8  | 878.6  | 864.9  | 883.4  | 980.4  | 1062.3 | 1036.9 |
| 25°   | 1181.2 | 1193.8 | 1223.1 | 1142.7 | 953.6  | 859.1  | 849.8  | 867.3  | 984.3  | 1119.8 | 1137.3 |
| 27.5° | 1278.6 | 1279.6 | 1308.3 | 1200.2 | 976.5  | 861.0  | 845.4  | 868.3  | 995.0  | 1165.1 | 1226.0 |
| 30°   | 1347.8 | 1347.8 | 1360.5 | 1229.4 | 1004.8 | 873.2  | 849.3  | 882.9  | 1010.1 | 1189.9 | 1306.4 |
| 32.5° | 1411.1 | 1414.6 | 1408.2 | 1260.1 | 1031.6 | 890.7  | 858.6  | 912.2  | 1034.0 | 1210.4 | 1368.3 |
| 35°   | 1491.5 | 1491.1 | 1462.8 | 1284.5 | 1056.4 | 909.7  | 881.5  | 949.2  | 1068.6 | 1240.6 | 1427.2 |
| 37.5° | 1591.0 | 1586.1 | 1526.1 | 1306.4 | 1086.6 | 942.4  | 924.8  | 999.9  | 1114.9 | 1276.2 | 1501.8 |
| 40°   | 1681.1 | 1673.3 | 1584.1 | 1326.8 | 1110.5 | 1005.7 | 995.5  | 1062.7 | 1173.4 | 1320.5 | 1574.4 |
| 42.5° | 1751.3 | 1739.6 | 1633.3 | 1341.5 | 1146.6 | 1105.1 | 1113.9 | 1175.8 | 1232.3 | 1360.0 | 1619.7 |
| 45°   | 1810.2 | 1798.0 | 1670.4 | 1348.8 | 1233.8 | 1246.9 | 1264.0 | 1315.6 | 1295.2 | 1370.7 | 1647.5 |
| 47.5° | 1852.6 | 1832.6 | 1686.5 | 1370.2 | 1351.7 | 1412.6 | 1465.2 | 1468.6 | 1383.9 | 1370.2 | 1664.5 |
| 50°   | 1877.5 | 1855.5 | 1701.6 | 1423.3 | 1488.6 | 1600.7 | 1656.7 | 1630.4 | 1476.0 | 1379.0 | 1688.9 |
| 52.5° | 1927.7 | 1904.8 | 1764.4 | 1509.6 | 1629.0 | 1791.2 | 1821.4 | 1779.0 | 1571.5 | 1424.3 | 1737.6 |
| 55°   | 2053.9 | 2043.6 | 1886.2 | 1625.5 | 1766.9 | 1945.2 | 1958.8 | 1916.5 | 1671.4 | 1502.8 | 1830.7 |
| 57.5° | 2196.6 | 2174.2 | 2050.9 | 1771.2 | 1898.9 | 2065.6 | 2087.5 | 2029.0 | 1776.1 | 1612.9 | 1934.5 |
| 60°   | 2236.6 | 2232.2 | 2190.3 | 1941.3 | 2035.3 | 2194.2 | 2195.7 | 2121.1 | 1898.4 | 1744.0 | 2092.8 |
| 62.5° | 2178.1 | 2192.2 | 2248.3 | 2098.7 | 2149.9 | 2280.4 | 2268.3 | 2190.8 | 2026.6 | 1952.5 | 2285.3 |
| 65°   | 2076.3 | 2096.3 | 2208.8 | 2247.3 | 2176.2 | 2263.4 | 2237.6 | 2188.4 | 2107.5 | 2177.1 | 2404.7 |
| 67.5° | 1954.0 | 1964.7 | 2095.8 | 2321.4 | 2084.1 | 2075.8 | 2063.6 | 2041.2 | 2075.3 | 2337.0 | 2425.2 |
| 70°   | 1826.8 | 1836.1 | 1956.9 | 2219.5 | 1807.8 | 1712.8 | 1702.5 | 1683.0 | 1816.1 | 2335.0 | 2324.8 |
| 72.5° | 1539.8 | 1533.9 | 1645.5 | 1852.6 | 1380.4 | 1251.3 | 1338.1 | 1295.7 | 1469.1 | 2097.7 | 2070.9 |
| 75°   | 956.5  | 988.7  | 1128.5 | 1299.1 | 945.8  | 857.1  | 977.0  | 966.3  | 1192.8 | 1806.3 | 1648.9 |
| 77.5° | 582.8  | 589.1  | 668.1  | 809.9  | 569.6  | 594.0  | 628.1  | 694.4  | 884.4  | 1464.3 | 1149.5 |
| 80°   | 305.0  | 283.6  | 341.6  | 444.4  | 338.2  | 398.6  | 460.5  | 533.6  | 561.3  | 954.6  | 768.4  |
| 82.5° | 88.2   | 87.7   | 115.5  | 186.1  | 160.3  | 195.9  | 232.4  | 335.2  | 367.9  | 567.7  | 526.3  |
| 85°   | 0.5    | 0.5    | 0.5    | 1.0    | 1.5    | 2.4    | 10.2   | 86.2   | 114.0  | 263.1  | 216.3  |
| 87.5° | 0.0    | 0.0    | 0.5    | 1.0    | 1.0    | 1.9    | 2.9    | 3.9    | 4.9    | 5.8    | 21.4   |
| 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°    | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 |
| 2.5°  | 1105.1 | 1097.8 | 1082.2 | 1061.3 | 1046.7 | 1021.3 | 1016.0 | 999.9  | 983.8  | 970.7  | 971.1  |
| 5°    | 1065.2 | 1040.3 | 1002.3 | 958.5  | 916.6  | 879.0  | 871.7  | 849.8  | 843.5  | 837.1  | 819.6  |
| 7.5°  | 960.4  | 931.2  | 878.1  | 813.3  | 760.6  | 725.1  | 687.1  | 664.2  | 643.7  | 620.3  | 626.1  |
| 10°   | 880.0  | 838.1  | 765.0  | 689.0  | 623.2  | 575.5  | 533.6  | 512.1  | 482.4  | 461.0  | 458.0  |
| 12.5° | 818.1  | 772.8  | 685.1  | 595.9  | 534.1  | 506.3  | 479.5  | 445.9  | 412.7  | 384.5  | 369.8  |
| 15°   | 797.7  | 746.5  | 644.7  | 556.0  | 507.3  | 473.6  | 436.1  | 397.6  | 357.2  | 327.0  | 315.3  |
| 17.5° | 821.5  | 761.1  | 644.2  | 538.9  | 478.0  | 428.8  | 382.0  | 338.7  | 290.9  | 260.7  | 251.4  |
| 20°   | 887.3  | 811.8  | 657.8  | 522.8  | 442.4  | 375.7  | 309.9  | 263.1  | 214.4  | 193.0  | 183.2  |
| 22.5° | 978.9  | 880.5  | 678.8  | 503.4  | 403.0  | 310.9  | 236.8  | 177.9  | 154.0  | 143.3  | 140.8  |
| 25°   | 1073.0 | 967.7  | 708.5  | 486.8  | 359.6  | 247.5  | 170.1  | 142.3  | 131.1  | 126.2  | 126.2  |
| 27.5° | 1176.3 | 1054.9 | 740.7  | 466.8  | 314.8  | 184.2  | 138.4  | 125.2  | 119.4  | 116.5  | 116.0  |
| 30°   | 1260.1 | 1126.1 | 777.2  | 443.4  | 274.3  | 151.1  | 122.8  | 114.0  | 108.7  | 107.2  | 107.2  |
| 32.5° | 1320.5 | 1179.2 | 815.7  | 420.0  | 237.3  | 136.4  | 114.0  | 106.2  | 100.4  | 99.4   | 99.4   |
| 35°   | 1391.2 | 1229.9 | 833.2  | 406.9  | 214.9  | 127.2  | 107.7  | 99.9   | 94.5   | 92.1   | 92.1   |
| 37.5° | 1476.0 | 1290.3 | 843.0  | 394.2  | 205.1  | 118.4  | 103.3  | 94.5   | 89.2   | 86.2   | 86.2   |
| 40°   | 1583.6 | 1359.0 | 853.2  | 381.5  | 199.3  | 111.1  | 98.4   | 89.7   | 85.3   | 81.9   | 81.9   |
| 42.5° | 1660.6 | 1422.4 | 861.0  | 370.8  | 189.1  | 107.7  | 94.5   | 86.2   | 80.9   | 78.0   | 77.5   |
| 45°   | 1701.1 | 1481.3 | 864.4  | 364.5  | 177.4  | 110.6  | 91.6   | 83.3   | 77.0   | 74.1   | 73.6   |
| 47.5° | 1728.4 | 1530.0 | 868.8  | 359.6  | 168.1  | 105.3  | 91.1   | 80.4   | 74.1   | 70.2   | 70.2   |
| 50°   | 1771.7 | 1594.4 | 880.0  | 350.4  | 162.7  | 98.4   | 98.4   | 78.9   | 70.7   | 67.2   | 66.8   |
| 52.5° | 1849.2 | 1686.5 | 910.2  | 340.1  | 156.9  | 91.6   | 101.4  | 79.4   | 68.2   | 64.3   | 63.3   |
| 55°   | 1966.2 | 1833.1 | 960.4  | 325.5  | 148.6  | 83.3   | 94.5   | 79.9   | 65.8   | 62.4   | 60.9   |
| 57.5° | 2118.2 | 2010.5 | 1018.9 | 313.8  | 134.5  | 76.5   | 86.2   | 77.5   | 62.9   | 59.9   | 59.0   |
| 60°   | 2220.5 | 2128.9 | 1055.9 | 298.7  | 114.5  | 72.1   | 74.1   | 75.0   | 59.9   | 56.5   | 56.0   |
| 62.5° | 2275.6 | 2130.9 | 1056.4 | 277.7  | 96.0   | 68.2   | 66.3   | 76.5   | 57.5   | 53.1   | 52.6   |
| 65°   | 2279.5 | 2027.1 | 1003.3 | 250.9  | 89.7   | 63.8   | 60.9   | 67.7   | 55.1   | 50.7   | 50.2   |
| 67.5° | 2237.1 | 1858.0 | 882.0  | 220.2  | 92.1   | 60.4   | 56.5   | 57.0   | 52.1   | 48.2   | 47.8   |
| 70°   | 2085.0 | 1639.2 | 707.5  | 195.9  | 92.6   | 56.0   | 53.1   | 51.7   | 49.2   | 45.8   | 44.8   |
| 72.5° | 1799.0 | 1369.7 | 536.0  | 188.1  | 94.0   | 52.6   | 49.2   | 47.8   | 45.8   | 42.9   | 41.9   |
| 75°   | 1357.5 | 1068.6 | 402.5  | 175.4  | 95.0   | 48.7   | 44.8   | 43.9   | 41.9   | 39.0   | 38.5   |
| 77.5° | 938.0  | 792.3  | 279.7  | 148.1  | 84.8   | 44.3   | 40.4   | 39.5   | 38.0   | 35.1   | 34.6   |
| 80°   | 633.5  | 543.3  | 171.5  | 111.1  | 64.3   | 39.0   | 35.1   | 35.1   | 33.6   | 30.7   | 30.7   |
| 82.5° | 441.0  | 405.9  | 98.9   | 72.6   | 46.8   | 32.2   | 30.7   | 30.7   | 29.2   | 26.3   | 25.8   |
| 85°   | 184.2  | 245.6  | 44.3   | 39.5   | 32.6   | 25.3   | 25.3   | 25.8   | 24.4   | 21.9   | 21.4   |
| 87.5° | 6.3    | 26.3   | 17.5   | 18.5   | 19.5   | 17.5   | 19.5   | 19.5   | 19.0   | 17.1   | 16.6   |
| 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°    | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 |
| 2.5°  | 957.0  | 950.7  | 931.2  | 928.7  | 914.1  | 913.2  | 919.5  | 908.8  | 909.7  | 922.9  | 920.9  |
| 5°    | 823.5  | 808.9  | 808.4  | 792.3  | 774.3  | 769.9  | 754.3  | 748.5  | 746.0  | 740.7  | 760.1  |
| 7.5°  | 644.2  | 637.4  | 643.2  | 641.3  | 624.7  | 615.4  | 582.3  | 557.0  | 544.3  | 549.6  | 551.1  |
| 10°   | 458.0  | 468.3  | 483.9  | 499.0  | 487.3  | 456.6  | 442.4  | 422.0  | 419.5  | 418.1  | 427.8  |
| 12.5° | 363.0  | 351.3  | 358.6  | 364.0  | 352.8  | 339.6  | 333.8  | 325.0  | 329.9  | 341.1  | 347.4  |
| 15°   | 301.6  | 281.2  | 271.9  | 265.6  | 268.5  | 260.7  | 263.6  | 260.7  | 264.1  | 267.5  | 279.2  |
| 17.5° | 238.3  | 231.0  | 213.4  | 205.1  | 205.6  | 202.2  | 203.2  | 202.7  | 200.8  | 208.6  | 217.8  |
| 20°   | 179.3  | 177.4  | 173.5  | 167.6  | 168.6  | 166.2  | 164.7  | 156.4  | 153.0  | 155.4  | 163.2  |
| 22.5° | 139.8  | 142.3  | 144.7  | 144.2  | 146.7  | 140.3  | 134.5  | 127.2  | 126.2  | 126.7  | 128.6  |
| 25°   | 125.2  | 126.2  | 128.2  | 130.6  | 132.1  | 126.2  | 117.9  | 113.5  | 113.0  | 114.0  | 114.0  |
| 27.5° | 116.5  | 115.5  | 117.9  | 120.8  | 122.8  | 115.5  | 108.7  | 104.8  | 103.8  | 102.8  | 102.3  |
| 30°   | 107.2  | 107.2  | 109.1  | 112.1  | 113.5  | 107.2  | 101.4  | 97.5   | 95.0   | 93.6   | 93.1   |
| 32.5° | 100.4  | 100.9  | 101.8  | 103.8  | 106.2  | 99.9   | 95.0   | 91.6   | 87.2   | 85.8   | 84.8   |
| 35°   | 92.6   | 94.5   | 96.0   | 96.5   | 98.4   | 94.0   | 89.2   | 83.8   | 79.9   | 78.5   | 78.5   |
| 37.5° | 86.2   | 87.7   | 90.1   | 89.7   | 91.1   | 88.2   | 82.8   | 77.0   | 75.0   | 74.6   | 74.1   |
| 40°   | 81.4   | 81.4   | 83.3   | 85.3   | 87.2   | 81.9   | 75.5   | 72.6   | 71.1   | 70.2   | 70.7   |
| 42.5° | 77.0   | 76.5   | 76.5   | 79.9   | 83.3   | 75.5   | 70.2   | 68.2   | 67.7   | 66.8   | 67.2   |
| 45°   | 73.1   | 72.6   | 71.1   | 72.6   | 77.5   | 69.2   | 65.8   | 64.3   | 63.8   | 63.8   | 63.8   |
| 47.5° | 69.7   | 68.7   | 66.8   | 67.2   | 70.7   | 64.3   | 61.4   | 60.9   | 60.4   | 60.4   | 60.9   |
| 50°   | 65.8   | 64.8   | 63.3   | 62.9   | 63.8   | 60.9   | 58.5   | 57.5   | 57.5   | 57.5   | 58.5   |
| 52.5° | 62.4   | 61.9   | 59.9   | 59.4   | 59.9   | 58.0   | 55.5   | 55.1   | 55.1   | 55.1   | 56.5   |
| 55°   | 59.9   | 59.0   | 58.0   | 57.0   | 58.0   | 55.5   | 53.6   | 52.6   | 52.6   | 53.6   | 54.6   |
| 57.5° | 57.5   | 56.5   | 56.0   | 55.1   | 56.0   | 53.6   | 51.7   | 50.7   | 51.2   | 51.7   | 51.7   |
| 60°   | 55.1   | 54.1   | 53.6   | 52.6   | 54.1   | 51.7   | 49.7   | 49.2   | 49.2   | 48.7   | 48.7   |
| 62.5° | 52.6   | 52.1   | 51.2   | 50.2   | 52.1   | 49.2   | 47.8   | 46.8   | 46.3   | 46.3   | 46.3   |
| 65°   | 49.7   | 49.2   | 48.7   | 48.2   | 49.2   | 46.8   | 45.3   | 44.8   | 43.9   | 43.4   | 43.9   |
| 67.5° | 47.3   | 47.3   | 46.3   | 45.3   | 46.8   | 43.9   | 42.9   | 42.4   | 40.9   | 40.4   | 40.9   |
| 70°   | 44.3   | 44.3   | 43.4   | 42.9   | 44.8   | 40.9   | 40.0   | 39.5   | 38.5   | 38.0   | 38.0   |
| 72.5° | 41.4   | 41.4   | 40.4   | 40.0   | 42.4   | 38.0   | 37.0   | 36.5   | 35.1   | 34.6   | 34.6   |
| 75°   | 38.5   | 38.0   | 37.5   | 37.0   | 40.0   | 35.1   | 33.6   | 32.6   | 31.2   | 30.7   | 30.2   |
| 77.5° | 35.1   | 34.6   | 33.6   | 34.1   | 36.1   | 31.2   | 29.2   | 28.7   | 27.3   | 26.8   | 26.3   |
| 80°   | 30.7   | 30.2   | 29.7   | 30.7   | 30.7   | 27.3   | 24.9   | 23.9   | 22.4   | 21.4   | 21.0   |
| 82.5° | 26.3   | 25.8   | 25.8   | 26.8   | 25.3   | 23.9   | 21.0   | 19.0   | 16.6   | 15.1   | 14.6   |
| 85°   | 21.4   | 22.4   | 21.4   | 22.4   | 19.0   | 19.0   | 14.6   | 11.2   | 7.8    | 6.3    | 5.8    |
| 87.5° | 16.6   | 17.1   | 16.6   | 17.1   | 13.2   | 12.7   | 6.8    | 3.9    | 0.5    | 0.0    | 0.0    |
| 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: P401168

CATALOG NUMBER: ENT-SA1B-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 | 1047.2 |
| 2.5°  | 935.6  | 936.5  | 957.5  | 978.4  | 991.1  | 1022.8 | 1038.4 | 1055.9 | 1065.2 | 1075.9 |
| 5°    | 750.9  | 769.4  | 786.5  | 828.4  | 849.8  | 900.0  | 936.5  | 995.0  | 1013.5 | 1028.1 |
| 7.5°  | 567.2  | 595.0  | 615.9  | 668.1  | 708.5  | 770.9  | 834.7  | 904.4  | 924.4  | 937.5  |
| 10°   | 450.7  | 476.1  | 515.5  | 556.5  | 601.8  | 677.3  | 746.5  | 818.6  | 853.7  | 868.8  |
| 12.5° | 378.6  | 419.1  | 465.3  | 503.4  | 539.4  | 595.0  | 682.7  | 773.8  | 810.3  | 826.4  |
| 15°   | 312.3  | 357.7  | 404.9  | 451.7  | 496.5  | 559.4  | 651.5  | 769.9  | 816.2  | 832.3  |
| 17.5° | 248.0  | 285.1  | 332.8  | 389.3  | 454.6  | 534.5  | 657.3  | 811.3  | 867.8  | 888.8  |
| 20°   | 176.4  | 212.5  | 261.2  | 330.9  | 408.3  | 508.7  | 671.0  | 873.7  | 954.1  | 978.0  |
| 22.5° | 133.0  | 153.0  | 197.8  | 266.5  | 366.9  | 488.2  | 692.4  | 959.0  | 1053.0 | 1074.4 |
| 25°   | 116.9  | 123.8  | 146.7  | 212.9  | 325.5  | 469.7  | 720.7  | 1043.7 | 1157.8 | 1181.2 |
| 27.5° | 103.8  | 107.7  | 119.4  | 171.0  | 294.8  | 450.7  | 754.3  | 1135.4 | 1247.9 | 1278.6 |
| 30°   | 93.6   | 98.4   | 108.2  | 143.3  | 265.1  | 423.4  | 785.0  | 1217.7 | 1324.4 | 1347.8 |
| 32.5° | 85.8   | 91.1   | 99.9   | 129.6  | 239.7  | 403.0  | 802.5  | 1279.1 | 1389.7 | 1411.1 |
| 35°   | 80.4   | 85.3   | 94.0   | 117.4  | 217.3  | 388.8  | 807.9  | 1340.0 | 1469.6 | 1491.5 |
| 37.5° | 75.5   | 80.4   | 88.2   | 105.3  | 201.7  | 370.3  | 816.2  | 1412.6 | 1562.2 | 1591.0 |
| 40°   | 72.1   | 76.0   | 83.3   | 97.0   | 180.3  | 350.4  | 825.9  | 1497.4 | 1652.3 | 1681.1 |
| 42.5° | 68.7   | 73.1   | 79.4   | 97.5   | 158.9  | 333.3  | 832.3  | 1562.7 | 1724.0 | 1751.3 |
| 45°   | 65.8   | 70.7   | 78.0   | 95.5   | 142.8  | 317.7  | 829.3  | 1617.3 | 1789.3 | 1810.2 |
| 47.5° | 62.9   | 68.7   | 81.9   | 91.6   | 137.9  | 303.6  | 831.8  | 1669.9 | 1836.1 | 1852.6 |
| 50°   | 60.9   | 68.2   | 87.7   | 85.8   | 138.9  | 297.2  | 855.2  | 1732.7 | 1871.1 | 1877.5 |
| 52.5° | 59.4   | 69.7   | 82.8   | 77.5   | 138.9  | 294.3  | 900.0  | 1834.1 | 1932.0 | 1927.7 |
| 55°   | 57.0   | 69.2   | 77.5   | 70.2   | 133.0  | 295.8  | 942.4  | 1968.1 | 2078.2 | 2053.9 |
| 57.5° | 55.1   | 66.3   | 69.7   | 64.8   | 119.4  | 296.3  | 1005.2 | 2081.2 | 2193.2 | 2196.6 |
| 60°   | 52.6   | 71.1   | 60.4   | 60.4   | 102.3  | 293.8  | 1060.8 | 2079.2 | 2214.2 | 2236.6 |
| 62.5° | 50.2   | 69.7   | 54.1   | 56.0   | 90.6   | 284.6  | 1094.4 | 1957.9 | 2136.7 | 2178.1 |
| 65°   | 47.3   | 55.1   | 49.7   | 52.1   | 85.8   | 261.7  | 1046.7 | 1807.3 | 2031.9 | 2076.3 |
| 67.5° | 43.9   | 45.3   | 45.3   | 48.2   | 83.8   | 227.1  | 926.3  | 1641.1 | 1900.4 | 1954.0 |
| 70°   | 40.0   | 40.4   | 41.4   | 45.8   | 78.0   | 195.4  | 754.3  | 1464.3 | 1759.1 | 1826.8 |
| 72.5° | 36.1   | 36.5   | 36.5   | 41.4   | 73.1   | 168.6  | 534.1  | 1160.2 | 1468.6 | 1539.8 |
| 75°   | 31.7   | 32.2   | 31.7   | 36.1   | 63.8   | 126.2  | 317.2  | 733.8  | 876.1  | 956.5  |
| 77.5° | 26.8   | 26.8   | 25.8   | 28.3   | 43.9   | 79.9   | 173.5  | 445.9  | 533.1  | 582.8  |
| 80°   | 21.9   | 20.0   | 16.6   | 17.1   | 23.9   | 45.8   | 77.5   | 255.8  | 292.4  | 305.0  |
| 82.5° | 14.6   | 11.2   | 6.8    | 6.3    | 7.8    | 12.7   | 18.0   | 101.4  | 93.1   | 88.2   |
| 85°   | 2.9    | 1.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.5    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)