

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: P673028

Luminaire Tested: **CCP-SA-2E-830-U-T1**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P673028  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2E-830-U-T1  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ T1 distribution lens  
Light Source: (32) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

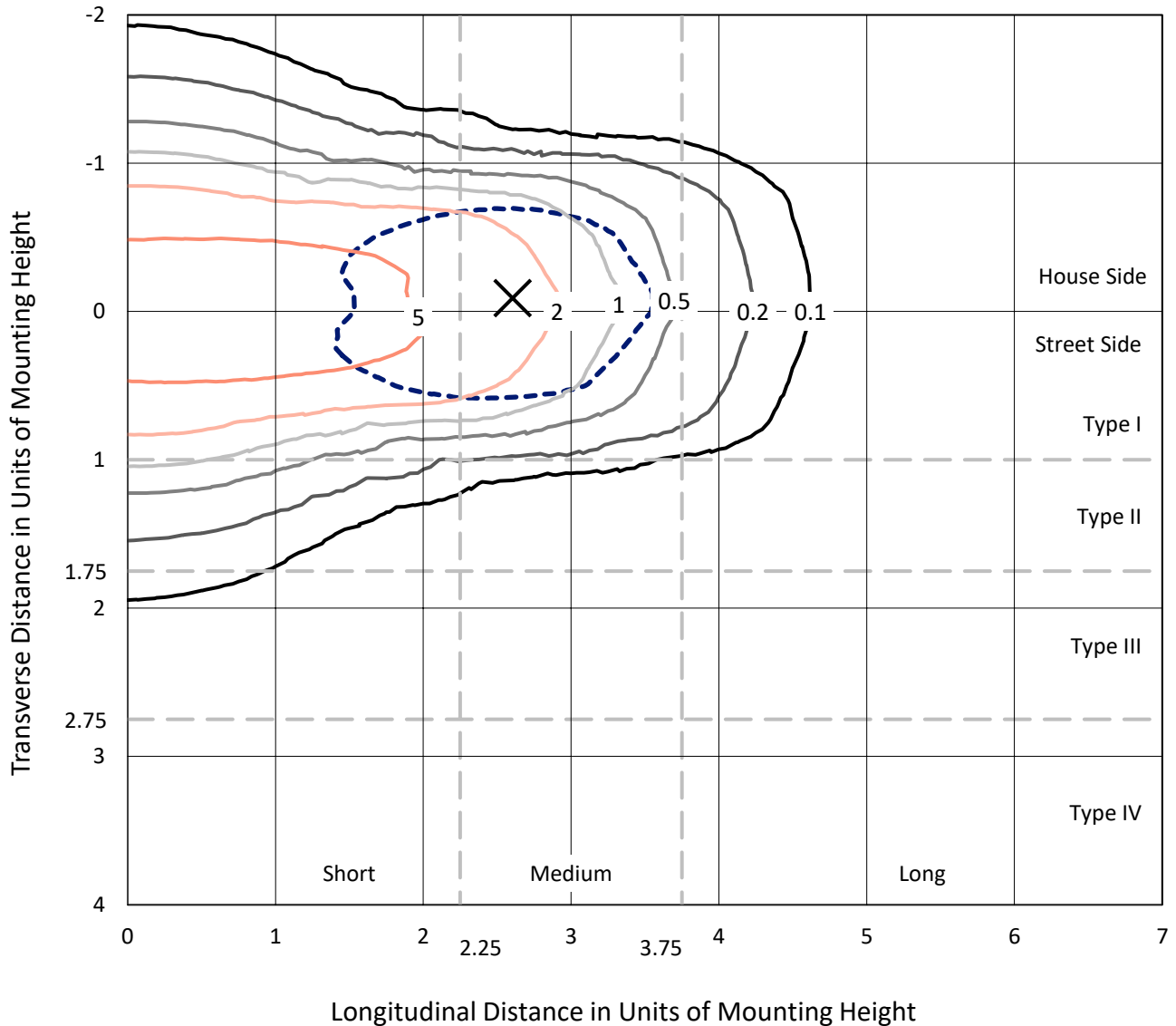
Lumens per Lamp: N/A  
Luminaire Lumens: 10579.7 lumens  
Efficiency: N/A  
Efficacy: 99.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B3 - U0 - G3

Input Watts (W): 106.6  
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

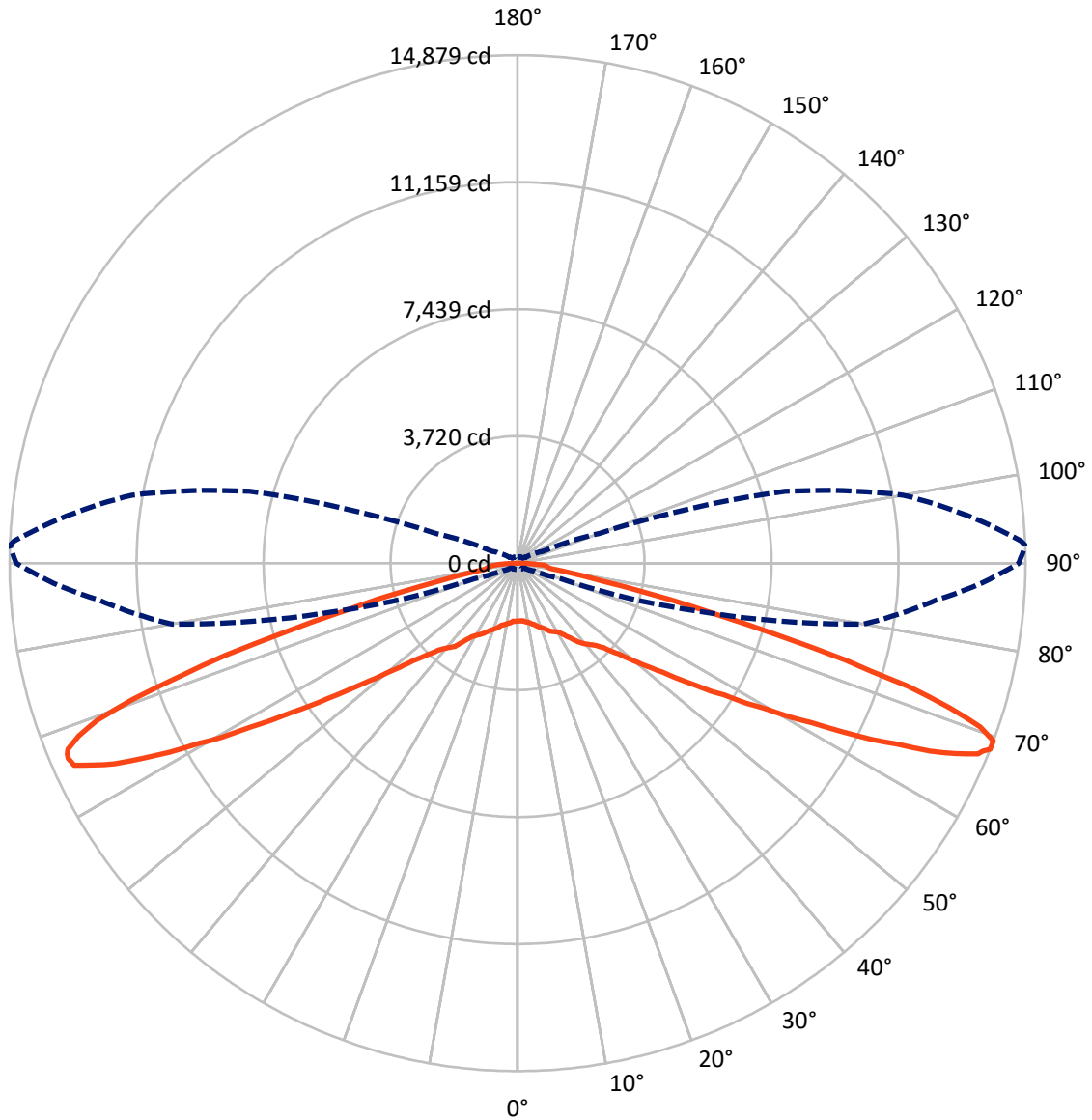
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 8.2 fc  
 Type I - Short - N/A

REPORT NUMBER: P673028  
CATALOG NUMBER: CCP-SA-2E-830-U-T1

### Luminous Intensity Polar Plot



— Vertical Plane Through 92-Deg Lateral      - - - Horizontal Cone Through 69-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5448.4   | 0.0    | 5448.4  |
|                    | % Fixture | 51.5     | 0.0    | 51.5    |
| <b>Street Side</b> | Lumens    | 5131.3   | 0.0    | 5131.3  |
|                    | % Fixture | 48.5     | 0.0    | 48.5    |
| <b>Total</b>       | Lumens    | 10579.7  | 0.0    | 10579.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 169.5   | 1.6       |
| 10°-20°   | 548.8   | 5.2       |
| 20°-30°   | 936.6   | 8.9       |
| 30°-40°   | 1307.8  | 12.4      |
| 40°-50°   | 1663.5  | 15.7      |
| 50°-60°   | 2103.4  | 19.9      |
| 60°-70°   | 2594.0  | 24.5      |
| 70°-80°   | 1133.2  | 10.7      |
| 80°-90°   | 122.9   | 1.2       |
| 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°    | 10579.7 | 100.0     |
| 0°-180°   | 10579.7 | 100.0     |



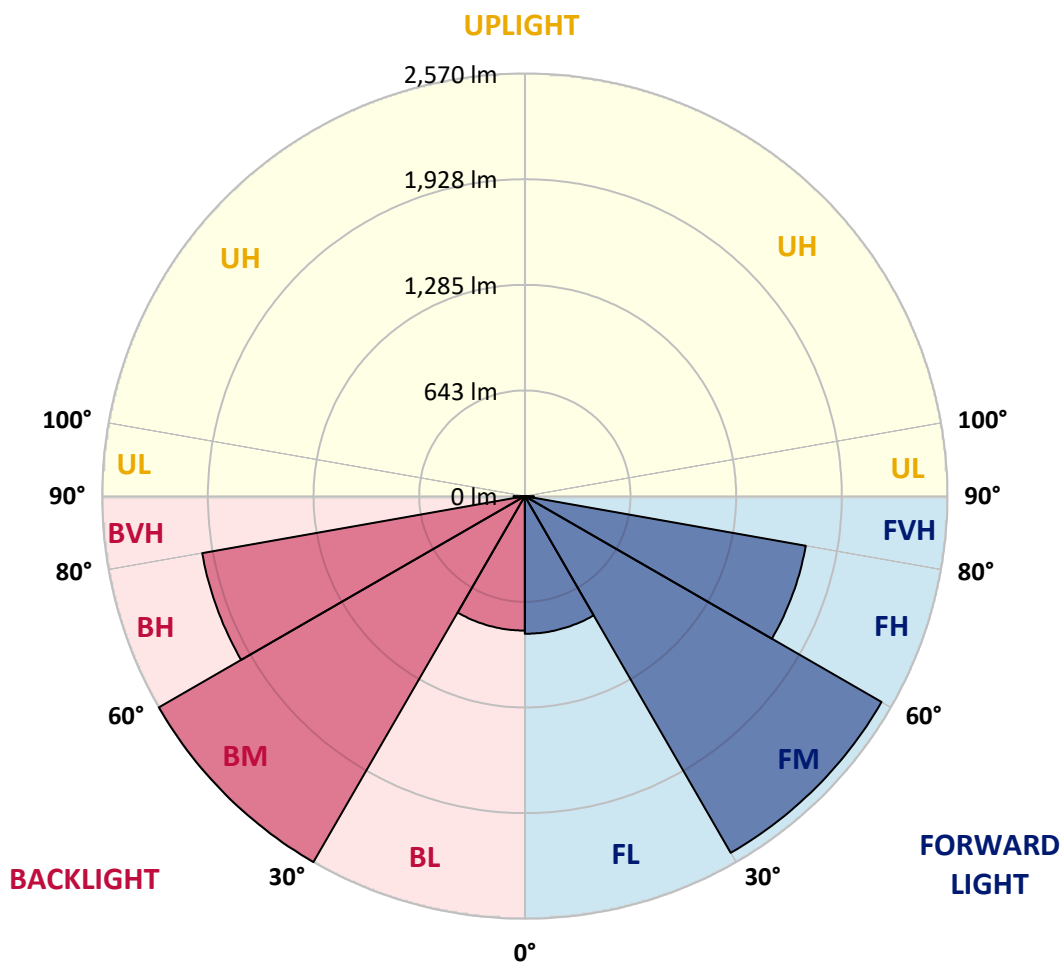
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 837.3  | 7.9       |                         |      |         |
| FM (30°-60°)   | 2504.7 | 23.7      |                         |      |         |
| FH (60°-80°)   | 1734.9 | 16.4      |                         |      | G1/1800 |
| FVH (80°-90°)  | 54.5   | 0.5       |                         |      | G1/100  |
| BL (0°-30°)    | 817.6  | 7.7       | B2/1000                 |      |         |
| BM (30°-60°)   | 2570.0 | 24.3      | B3/5000                 |      |         |
| BH (60°-80°)   | 1992.3 | 18.8      | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 68.4   | 0.6       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G3**

Type I Short





REPORT NUMBER: P673028

CATALOG NUMBER: CCP-SA-2E-830-U-T1

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 75°    | 80°     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 0°    | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8  |
| 2.5°  | 1727.5 | 1725.5 | 1731.5 | 1735.5 | 1717.6 | 1723.6 | 1719.6 | 1715.6 | 1701.7 | 1695.8 | 1683.8  |
| 5°    | 1775.2 | 1781.1 | 1801.0 | 1783.1 | 1791.1 | 1781.1 | 1749.4 | 1759.3 | 1741.4 | 1737.5 | 1725.5  |
| 7.5°  | 1858.6 | 1846.7 | 1874.5 | 1854.6 | 1860.6 | 1840.7 | 1826.8 | 1808.9 | 1805.0 | 1777.2 | 1779.2  |
| 10°   | 1876.5 | 1900.3 | 1912.2 | 1908.2 | 1912.2 | 1922.1 | 1896.3 | 1868.5 | 1830.8 | 1822.8 | 1795.0  |
| 12.5° | 1864.5 | 1886.4 | 1918.2 | 1944.0 | 1961.8 | 1965.8 | 1955.9 | 1949.9 | 1934.0 | 1888.4 | 1886.4  |
| 15°   | 1852.6 | 1836.7 | 1856.6 | 1946.0 | 2005.5 | 2045.2 | 2059.1 | 2025.4 | 2029.3 | 1969.8 | 1946.0  |
| 17.5° | 1773.2 | 1749.4 | 1826.8 | 1914.2 | 1987.6 | 2075.0 | 2142.5 | 2132.6 | 2132.6 | 2084.9 | 2051.2  |
| 20°   | 1668.0 | 1707.7 | 1747.4 | 1858.6 | 1993.6 | 2124.7 | 2253.7 | 2247.8 | 2223.9 | 2210.0 | 2136.6  |
| 22.5° | 1578.6 | 1596.5 | 1669.9 | 1787.1 | 1955.9 | 2138.6 | 2291.5 | 2400.7 | 2345.1 | 2289.5 | 2245.8  |
| 25°   | 1517.0 | 1501.2 | 1594.5 | 1715.6 | 1920.1 | 2114.7 | 2362.9 | 2476.1 | 2505.9 | 2464.2 | 2380.8  |
| 27.5° | 1429.7 | 1429.7 | 1503.1 | 1618.3 | 1805.0 | 2102.8 | 2432.4 | 2605.2 | 2648.9 | 2587.3 | 2466.2  |
| 30°   | 1330.4 | 1342.3 | 1405.8 | 1536.9 | 1719.6 | 2015.4 | 2460.2 | 2754.1 | 2789.9 | 2736.2 | 2611.1  |
| 32.5° | 1253.0 | 1253.0 | 1324.4 | 1463.4 | 1660.0 | 1975.7 | 2442.4 | 2901.1 | 2968.6 | 2928.9 | 2799.8  |
| 35°   | 1169.6 | 1163.6 | 1215.2 | 1368.1 | 1564.7 | 1898.3 | 2436.4 | 3018.2 | 3169.1 | 3171.1 | 3036.1  |
| 37.5° | 1050.4 | 1074.2 | 1139.8 | 1260.9 | 1489.2 | 1822.8 | 2418.5 | 3159.2 | 3429.2 | 3474.9 | 3381.6  |
| 40°   | 971.0  | 980.9  | 1040.5 | 1173.5 | 1372.1 | 1733.5 | 2392.7 | 3274.4 | 3602.0 | 3758.9 | 3629.8  |
| 42.5° | 855.8  | 869.7  | 915.4  | 1080.2 | 1258.9 | 1606.4 | 2279.5 | 3355.8 | 3848.2 | 4026.9 | 3917.7  |
| 45°   | 734.7  | 742.6  | 810.2  | 945.2  | 1137.8 | 1455.5 | 2158.4 | 3486.8 | 4086.5 | 4451.9 | 4388.3  |
| 47.5° | 589.7  | 593.7  | 651.3  | 792.3  | 992.8  | 1304.6 | 1971.8 | 3480.9 | 4279.1 | 4876.8 | 5055.5  |
| 50°   | 460.7  | 470.6  | 514.3  | 629.5  | 818.1  | 1119.9 | 1755.3 | 3433.2 | 4521.4 | 5361.3 | 5712.8  |
| 52.5° | 367.3  | 369.3  | 397.1  | 488.5  | 631.4  | 935.2  | 1523.0 | 3282.3 | 4749.7 | 5835.9 | 6518.9  |
| 55°   | 303.8  | 303.8  | 319.7  | 375.3  | 484.5  | 710.9  | 1251.0 | 3032.1 | 4777.5 | 6360.1 | 7398.6  |
| 56°   | 291.9  | 287.9  | 301.8  | 349.5  | 436.8  | 641.4  | 1123.9 | 2863.3 | 4817.2 | 6602.3 | 7839.4  |
| 57°   | 276.0  | 278.0  | 285.9  | 319.7  | 393.2  | 567.9  | 982.9  | 2698.5 | 4789.4 | 6800.9 | 8165.0  |
| 58°   | 268.1  | 264.1  | 280.0  | 301.8  | 347.5  | 504.4  | 885.6  | 2503.9 | 4745.7 | 6963.7 | 8639.6  |
| 59°   | 256.2  | 254.2  | 264.1  | 283.9  | 323.7  | 448.8  | 766.5  | 2293.4 | 4660.4 | 7174.2 | 8993.1  |
| 60°   | 252.2  | 250.2  | 254.2  | 270.1  | 297.8  | 393.2  | 675.1  | 2047.2 | 4432.0 | 7390.6 | 9431.9  |
| 61°   | 240.3  | 242.3  | 250.2  | 260.1  | 282.0  | 353.4  | 607.6  | 1795.0 | 4283.1 | 7573.3 | 9916.4  |
| 62°   | 242.3  | 238.3  | 242.3  | 250.2  | 266.1  | 325.6  | 532.2  | 1546.8 | 4017.0 | 7779.8 | 10279.8 |
| 63°   | 230.3  | 228.4  | 234.3  | 244.2  | 252.2  | 293.9  | 464.6  | 1336.4 | 3715.2 | 7827.5 | 10587.6 |
| 64°   | 226.4  | 224.4  | 226.4  | 240.3  | 242.3  | 276.0  | 411.0  | 1141.8 | 3278.3 | 7908.9 | 10982.7 |
| 65°   | 216.4  | 216.4  | 220.4  | 226.4  | 234.3  | 260.1  | 367.3  | 990.8  | 2843.5 | 7694.4 | 11103.8 |
| 66°   | 208.5  | 210.5  | 210.5  | 220.4  | 226.4  | 242.3  | 337.6  | 841.9  | 2426.5 | 7352.9 | 11221.0 |
| 67°   | 202.5  | 202.5  | 204.5  | 212.5  | 218.4  | 228.4  | 303.8  | 728.7  | 2047.2 | 6945.9 | 11040.3 |
| 67.5° | 198.6  | 200.6  | 200.6  | 208.5  | 214.5  | 228.4  | 289.9  | 691.0  | 1830.8 | 6499.1 | 10905.3 |
| 68°   | 192.6  | 194.6  | 194.6  | 202.5  | 208.5  | 220.4  | 280.0  | 631.4  | 1687.8 | 6209.2 | 10655.1 |
| 69°   | 188.6  | 186.7  | 186.7  | 194.6  | 202.5  | 210.5  | 260.1  | 552.0  | 1342.3 | 5399.0 | 10289.7 |
| 70°   | 176.7  | 176.7  | 180.7  | 186.7  | 192.6  | 200.6  | 240.3  | 486.5  | 1135.8 | 4469.7 | 9348.5  |
| 71°   | 170.8  | 168.8  | 170.8  | 176.7  | 182.7  | 192.6  | 220.4  | 430.9  | 929.3  | 3711.2 | 8423.2  |
| 72°   | 158.9  | 162.8  | 162.8  | 168.8  | 174.7  | 180.7  | 206.5  | 375.3  | 780.4  | 2966.6 | 7404.5  |
| 72.5° | 156.9  | 156.9  | 158.9  | 164.8  | 168.8  | 178.7  | 198.6  | 359.4  | 712.9  | 2615.1 | 6977.6  |
| 73°   | 150.9  | 150.9  | 152.9  | 158.9  | 162.8  | 172.8  | 192.6  | 323.7  | 649.3  | 2327.2 | 6179.4  |
| 74°   | 145.0  | 143.0  | 143.0  | 150.9  | 152.9  | 162.8  | 180.7  | 285.9  | 544.1  | 1753.3 | 4960.2  |
| 75°   | 135.0  | 135.0  | 137.0  | 141.0  | 143.0  | 150.9  | 166.8  | 254.2  | 458.7  | 1360.2 | 3880.0  |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 70°   | 75°   | 80°    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 77.5° | 111.2 | 113.2 | 115.2 | 119.1 | 119.1 | 125.1 | 137.0 | 176.7 | 280.0 | 689.0 | 1781.1 |
| 80°   | 81.4  | 85.4  | 91.3  | 97.3  | 95.3  | 95.3  | 107.2 | 127.1 | 166.8 | 309.8 | 683.1  |
| 82.5° | 65.5  | 69.5  | 63.5  | 71.5  | 71.5  | 67.5  | 77.4  | 93.3  | 113.2 | 152.9 | 244.2  |
| 85°   | 43.7  | 45.7  | 37.7  | 43.7  | 41.7  | 41.7  | 51.6  | 55.6  | 69.5  | 85.4  | 121.1  |
| 87.5° | 19.9  | 19.9  | 15.9  | 17.9  | 17.9  | 17.9  | 25.8  | 19.9  | 29.8  | 41.7  | 71.5   |
| 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):**

|       | 85°     | 87.5°   | 90°     | 92°     | 92.5°   | 95°     | 100°    | 105°   | 110°   | 115°   | 125°   |
|-------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 0°    | 1691.8  | 1691.8  | 1691.8  | 1691.8  | 1691.8  | 1691.8  | 1691.8  | 1691.8 | 1691.8 | 1691.8 | 1691.8 |
| 2.5°  | 1695.8  | 1703.7  | 1703.7  | 1695.8  | 1689.8  | 1695.8  | 1691.8  | 1681.9 | 1691.8 | 1695.8 | 1697.7 |
| 5°    | 1719.6  | 1703.7  | 1711.6  | 1693.8  | 1705.7  | 1703.7  | 1699.7  | 1709.7 | 1711.6 | 1711.6 | 1725.5 |
| 7.5°  | 1745.4  | 1765.3  | 1739.4  | 1741.4  | 1747.4  | 1723.6  | 1731.5  | 1735.5 | 1727.5 | 1743.4 | 1755.3 |
| 10°   | 1791.1  | 1799.0  | 1791.1  | 1761.3  | 1781.1  | 1765.3  | 1759.3  | 1777.2 | 1773.2 | 1777.2 | 1795.0 |
| 12.5° | 1832.8  | 1846.7  | 1824.8  | 1822.8  | 1812.9  | 1799.0  | 1807.0  | 1805.0 | 1832.8 | 1836.7 | 1858.6 |
| 15°   | 1918.2  | 1882.4  | 1874.5  | 1872.5  | 1868.5  | 1862.6  | 1866.5  | 1868.5 | 1904.3 | 1910.2 | 1961.8 |
| 17.5° | 1991.6  | 1985.7  | 1942.0  | 1957.9  | 1957.9  | 1934.0  | 1924.1  | 1957.9 | 1985.7 | 2015.4 | 2051.2 |
| 20°   | 2067.1  | 2061.1  | 2013.5  | 2015.4  | 1997.6  | 2019.4  | 2007.5  | 2039.3 | 2086.9 | 2096.9 | 2128.6 |
| 22.5° | 2156.4  | 2130.6  | 2096.9  | 2100.8  | 2106.8  | 2090.9  | 2083.0  | 2126.6 | 2174.3 | 2202.1 | 2204.1 |
| 25°   | 2297.4  | 2231.9  | 2204.1  | 2208.1  | 2200.1  | 2188.2  | 2194.2  | 2249.8 | 2273.6 | 2333.2 | 2321.2 |
| 27.5° | 2372.9  | 2335.1  | 2315.3  | 2269.6  | 2271.6  | 2253.7  | 2277.6  | 2361.0 | 2408.6 | 2454.3 | 2362.9 |
| 30°   | 2464.2  | 2440.4  | 2353.0  | 2337.1  | 2335.1  | 2327.2  | 2370.9  | 2478.1 | 2549.6 | 2575.4 | 2444.4 |
| 32.5° | 2642.9  | 2547.6  | 2525.8  | 2511.9  | 2480.1  | 2490.0  | 2511.9  | 2652.8 | 2766.0 | 2760.1 | 2519.8 |
| 35°   | 2847.4  | 2781.9  | 2720.4  | 2708.4  | 2704.5  | 2676.7  | 2714.4  | 2879.2 | 2966.6 | 2940.8 | 2547.6 |
| 37.5° | 3175.1  | 3075.8  | 2992.4  | 2946.7  | 2938.8  | 2918.9  | 3008.3  | 3139.3 | 3252.5 | 3151.2 | 2569.4 |
| 40°   | 3335.9  | 3224.7  | 3147.3  | 3119.5  | 3125.4  | 3153.2  | 3240.6  | 3441.2 | 3490.8 | 3304.1 | 2587.3 |
| 42.5° | 3566.3  | 3445.1  | 3292.2  | 3278.3  | 3260.5  | 3274.4  | 3443.1  | 3713.2 | 3754.9 | 3510.7 | 2519.8 |
| 45°   | 3975.3  | 3792.6  | 3615.9  | 3536.5  | 3540.4  | 3578.2  | 3840.3  | 4136.1 | 4058.7 | 3653.6 | 2412.6 |
| 47.5° | 4491.6  | 4223.5  | 4080.5  | 3973.3  | 4024.9  | 3983.2  | 4400.2  | 4636.5 | 4372.4 | 3834.3 | 2281.5 |
| 50°   | 5268.0  | 4892.7  | 4698.1  | 4569.0  | 4590.9  | 4626.6  | 5049.5  | 5250.1 | 4719.9 | 3921.7 | 2081.0 |
| 52.5° | 6246.9  | 5764.4  | 5478.4  | 5305.7  | 5321.6  | 5399.0  | 5945.1  | 5883.5 | 5117.1 | 3995.2 | 1812.9 |
| 55°   | 7418.4  | 6922.0  | 6368.0  | 6296.5  | 6278.7  | 6463.3  | 7065.0  | 6546.7 | 5474.5 | 3878.0 | 1534.9 |
| 56°   | 8038.0  | 7509.8  | 6933.9  | 6787.0  | 6743.3  | 6872.4  | 7579.3  | 6878.3 | 5597.6 | 3746.9 | 1401.9 |
| 57°   | 8564.2  | 8059.8  | 7428.4  | 7178.2  | 7233.8  | 7476.0  | 8089.6  | 7190.1 | 5710.8 | 3611.9 | 1276.8 |
| 58°   | 9286.9  | 8711.1  | 8043.9  | 7853.3  | 7803.7  | 7996.3  | 8639.6  | 7503.8 | 5748.5 | 3472.9 | 1161.6 |
| 59°   | 10007.7 | 9316.7  | 8715.1  | 8367.6  | 8381.5  | 8732.9  | 9181.7  | 7877.1 | 5806.1 | 3296.2 | 1014.7 |
| 60°   | 10555.8 | 10208.3 | 9404.1  | 9144.0  | 9108.2  | 9616.6  | 9721.8  | 8127.3 | 5867.6 | 3057.9 | 911.4  |
| 61°   | 11332.2 | 10879.5 | 10130.9 | 9795.3  | 9892.6  | 10299.6 | 10305.6 | 8441.1 | 5776.3 | 2756.1 | 784.3  |
| 62°   | 11890.2 | 11771.0 | 10984.7 | 10665.0 | 10635.2 | 11175.3 | 10913.2 | 8717.1 | 5696.9 | 2470.2 | 693.0  |
| 63°   | 12543.4 | 12543.4 | 11826.6 | 11576.4 | 11590.3 | 12017.2 | 11177.3 | 8993.1 | 5605.5 | 2154.4 | 609.6  |
| 64°   | 12883.0 | 13309.9 | 12648.7 | 12297.2 | 12388.6 | 12757.9 | 11647.9 | 9173.8 | 5323.6 | 1834.8 | 536.1  |
| 65°   | 13176.9 | 13818.2 | 13450.9 | 13288.1 | 13149.1 | 13367.5 | 12055.0 | 9342.5 | 4892.7 | 1560.7 | 476.6  |
| 66°   | 13425.1 | 14296.8 | 14175.7 | 14000.9 | 13987.0 | 13937.4 | 12134.4 | 9336.6 | 4447.9 | 1318.5 | 417.0  |
| 67°   | 13300.0 | 14306.7 | 14527.1 | 14600.6 | 14578.7 | 14054.5 | 11995.4 | 9124.1 | 3878.0 | 1114.0 | 371.3  |
| 67.5° | 13186.8 | 14225.3 | 14737.6 | 14695.9 | 14787.2 | 14153.8 | 12019.2 | 8864.0 | 3472.9 | 1008.7 | 349.5  |
| 68°   | 13087.5 | 14116.1 | 14823.0 | 14876.6 | 14830.9 | 14165.7 | 11888.2 | 8657.5 | 3196.9 | 947.2  | 329.6  |
| 69°   | 12334.9 | 13597.8 | 14686.0 | 14878.6 | 14761.4 | 13711.0 | 11471.2 | 8119.4 | 2539.7 | 808.2  | 303.8  |
| 70°   | 11580.4 | 12926.7 | 14020.8 | 14374.2 | 14229.3 | 12831.4 | 10945.0 | 7263.6 | 2094.9 | 691.0  | 274.0  |
| 71°   | 10535.9 | 11679.7 | 13135.2 | 13347.6 | 13172.9 | 11830.6 | 9856.8  | 6360.1 | 1630.2 | 585.8  | 244.2  |
| 72°   | 9118.2  | 10089.2 | 11479.1 | 11993.4 | 11735.3 | 10391.0 | 8756.8  | 5256.1 | 1320.5 | 492.4  | 222.4  |
| 72.5° | 8415.2  | 9410.1  | 10750.4 | 10792.1 | 10841.7 | 9765.5  | 8290.1  | 4616.7 | 1151.7 | 456.7  | 216.4  |
| 73°   | 7748.1  | 8723.0  | 9882.6  | 10029.6 | 9819.1  | 8711.1  | 7593.2  | 4128.2 | 1052.4 | 417.0  | 208.5  |
| 74°   | 6278.7  | 6834.7  | 7795.7  | 7938.7  | 7754.0  | 7102.7  | 6205.2  | 3165.1 | 838.0  | 359.4  | 190.6  |
| 75°   | 4940.3  | 5246.1  | 6115.8  | 6028.5  | 5752.5  | 5524.1  | 4811.3  | 2418.5 | 679.1  | 315.7  | 176.7  |



REPORT NUMBER: P673028  
 CATALOG NUMBER: CCP-SA-2E-830-U-T1

**CANDELA DISTRIBUTION (continued):**

|       | 85°    | 87.5°  | 90°    | 92°    | 92.5°  | 95°    | 100°   | 105°   | 110°  | 115°  | 125°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 77.5° | 2220.0 | 2404.6 | 2549.6 | 2549.6 | 2565.5 | 2448.3 | 2218.0 | 1110.0 | 419.0 | 228.4 | 145.0 |
| 80°   | 845.9  | 947.2  | 978.9  | 980.9  | 994.8  | 1030.6 | 959.1  | 546.1  | 248.2 | 162.8 | 117.2 |
| 82.5° | 613.6  | 857.8  | 923.3  | 875.7  | 879.6  | 794.3  | 367.3  | 242.3  | 156.9 | 113.2 | 85.4  |
| 85°   | 556.0  | 746.6  | 790.3  | 784.3  | 786.3  | 734.7  | 216.4  | 119.1  | 91.3  | 71.5  | 59.6  |
| 87.5° | 270.1  | 264.1  | 280.0  | 315.7  | 307.8  | 399.1  | 182.7  | 59.6   | 39.7  | 29.8  | 29.8  |
| 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: P673028

CATALOG NUMBER: CCP-SA-2E-830-U-T1

**CANDELA DISTRIBUTION (continued):**

|       | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|
| 0°    | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8 | 1691.8 |
| 2.5°  | 1681.9 | 1679.9 | 1707.7 | 1679.9 | 1695.8 | 1683.8 |
| 5°    | 1701.7 | 1709.7 | 1715.6 | 1727.5 | 1699.7 | 1727.5 |
| 7.5°  | 1761.3 | 1769.2 | 1771.2 | 1781.1 | 1769.2 | 1767.2 |
| 10°   | 1807.0 | 1826.8 | 1838.7 | 1799.0 | 1822.8 | 1820.9 |
| 12.5° | 1896.3 | 1876.5 | 1874.5 | 1866.5 | 1844.7 | 1836.7 |
| 15°   | 1959.8 | 1930.1 | 1912.2 | 1880.4 | 1854.6 | 1844.7 |
| 17.5° | 2049.2 | 1991.6 | 1918.2 | 1852.6 | 1807.0 | 1771.2 |
| 20°   | 2104.8 | 2001.5 | 1854.6 | 1777.2 | 1707.7 | 1723.6 |
| 22.5° | 2140.5 | 1991.6 | 1797.0 | 1697.7 | 1628.2 | 1648.1 |
| 25°   | 2152.5 | 1942.0 | 1757.3 | 1634.2 | 1566.7 | 1552.8 |
| 27.5° | 2118.7 | 1884.4 | 1679.9 | 1540.9 | 1481.3 | 1493.2 |
| 30°   | 2102.8 | 1801.0 | 1608.4 | 1471.4 | 1392.0 | 1403.9 |
| 32.5° | 2061.1 | 1715.6 | 1513.1 | 1374.1 | 1316.5 | 1296.6 |
| 35°   | 2001.5 | 1644.1 | 1421.7 | 1290.7 | 1221.2 | 1205.3 |
| 37.5° | 1928.1 | 1554.8 | 1342.3 | 1183.5 | 1121.9 | 1110.0 |
| 40°   | 1818.9 | 1447.5 | 1227.1 | 1090.1 | 1018.6 | 1016.7 |
| 42.5° | 1723.6 | 1344.3 | 1119.9 | 978.9  | 907.4  | 911.4  |
| 45°   | 1602.4 | 1205.3 | 996.8  | 875.7  | 804.2  | 808.2  |
| 47.5° | 1447.5 | 1076.2 | 879.6  | 744.6  | 685.1  | 681.1  |
| 50°   | 1264.9 | 929.3  | 736.7  | 621.5  | 571.9  | 561.9  |
| 52.5° | 1090.1 | 780.4  | 603.6  | 500.4  | 458.7  | 454.7  |
| 55°   | 869.7  | 607.6  | 470.6  | 393.2  | 361.4  | 363.4  |
| 56°   | 790.3  | 560.0  | 428.9  | 359.4  | 335.6  | 335.6  |
| 57°   | 714.8  | 496.4  | 389.2  | 331.6  | 309.8  | 309.8  |
| 58°   | 631.4  | 436.8  | 353.4  | 299.8  | 289.9  | 282.0  |
| 59°   | 573.9  | 397.1  | 319.7  | 283.9  | 268.1  | 266.1  |
| 60°   | 506.3  | 357.4  | 297.8  | 266.1  | 254.2  | 252.2  |
| 61°   | 448.8  | 321.7  | 274.0  | 248.2  | 244.2  | 244.2  |
| 62°   | 401.1  | 297.8  | 254.2  | 240.3  | 238.3  | 232.3  |
| 63°   | 359.4  | 274.0  | 244.2  | 228.4  | 222.4  | 228.4  |
| 64°   | 321.7  | 252.2  | 236.3  | 224.4  | 216.4  | 220.4  |
| 65°   | 291.9  | 242.3  | 226.4  | 218.4  | 210.5  | 212.5  |
| 66°   | 272.0  | 226.4  | 218.4  | 208.5  | 204.5  | 206.5  |
| 67°   | 246.2  | 218.4  | 210.5  | 200.6  | 198.6  | 200.6  |
| 67.5° | 238.3  | 212.5  | 206.5  | 196.6  | 194.6  | 196.6  |
| 68°   | 232.3  | 208.5  | 204.5  | 194.6  | 192.6  | 190.6  |
| 69°   | 216.4  | 200.6  | 194.6  | 190.6  | 186.7  | 184.7  |
| 70°   | 202.5  | 192.6  | 188.6  | 182.7  | 178.7  | 176.7  |
| 71°   | 194.6  | 182.7  | 180.7  | 174.7  | 170.8  | 168.8  |
| 72°   | 184.7  | 176.7  | 172.8  | 164.8  | 162.8  | 164.8  |
| 72.5° | 182.7  | 172.8  | 170.8  | 162.8  | 160.8  | 160.8  |
| 73°   | 176.7  | 164.8  | 166.8  | 158.9  | 154.9  | 158.9  |
| 74°   | 164.8  | 160.8  | 156.9  | 150.9  | 148.9  | 148.9  |
| 75°   | 154.9  | 150.9  | 146.9  | 143.0  | 143.0  | 143.0  |



REPORT NUMBER: P673028  
CATALOG NUMBER: CCP-SA-2E-830-U-T1

**CANDELA DISTRIBUTION (continued):**

|       | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|-------|
| 77.5° | 131.1 | 129.1 | 131.1 | 123.1 | 121.1 | 119.1 |
| 80°   | 105.2 | 105.2 | 107.2 | 101.3 | 97.3  | 95.3  |
| 82.5° | 79.4  | 81.4  | 85.4  | 79.4  | 75.5  | 71.5  |
| 85°   | 51.6  | 53.6  | 53.6  | 47.7  | 55.6  | 51.6  |
| 87.5° | 25.8  | 27.8  | 25.8  | 23.8  | 27.8  | 27.8  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)