

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: McGRAW-EDISON

Report Number: P531124

Luminaire Tested: **GALN-SA6B-827-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P531124  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA6B-827-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 18473 lumens  
Efficiency: N/A  
Efficacy: 76.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3

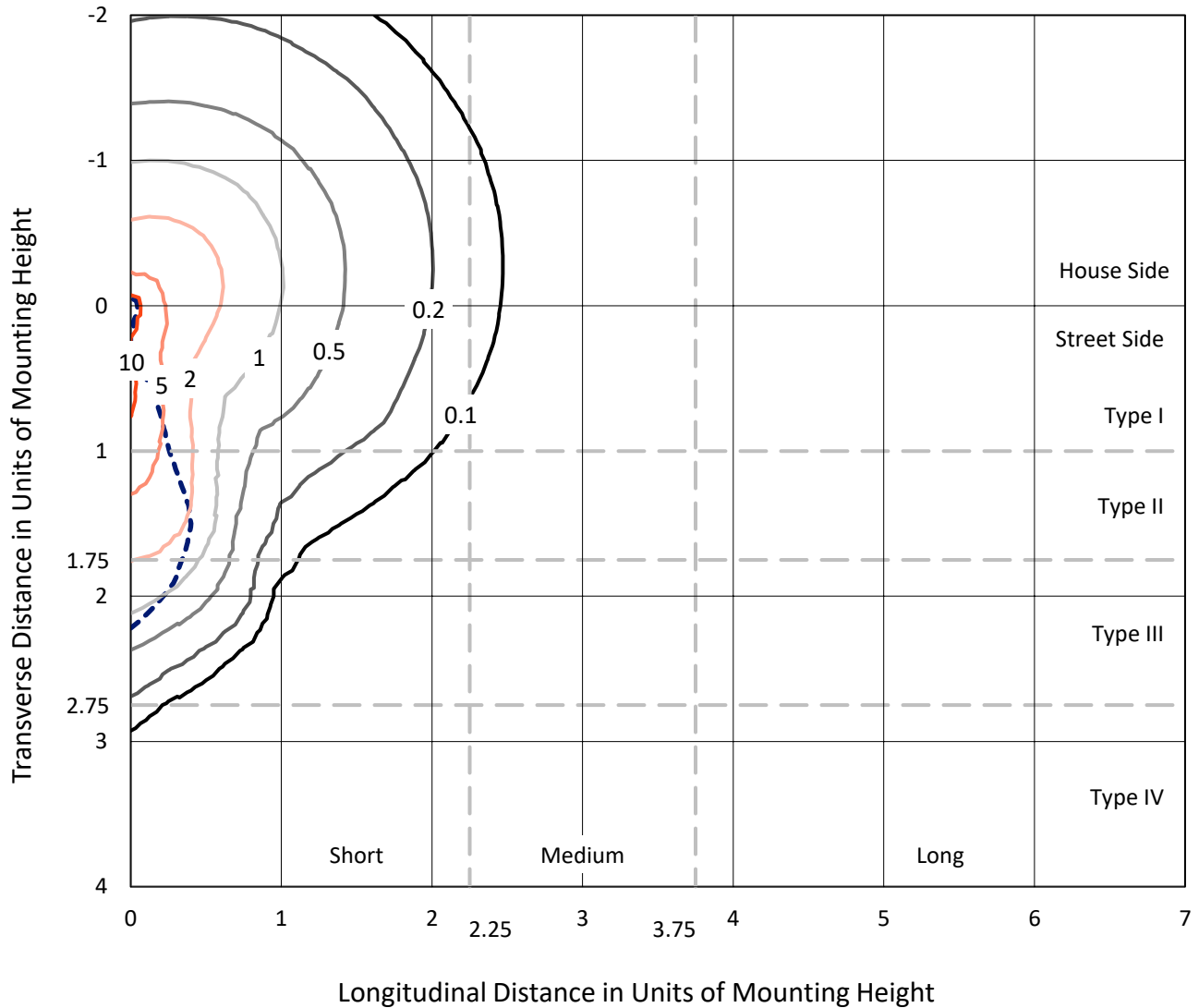
Input Watts (W): 243  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

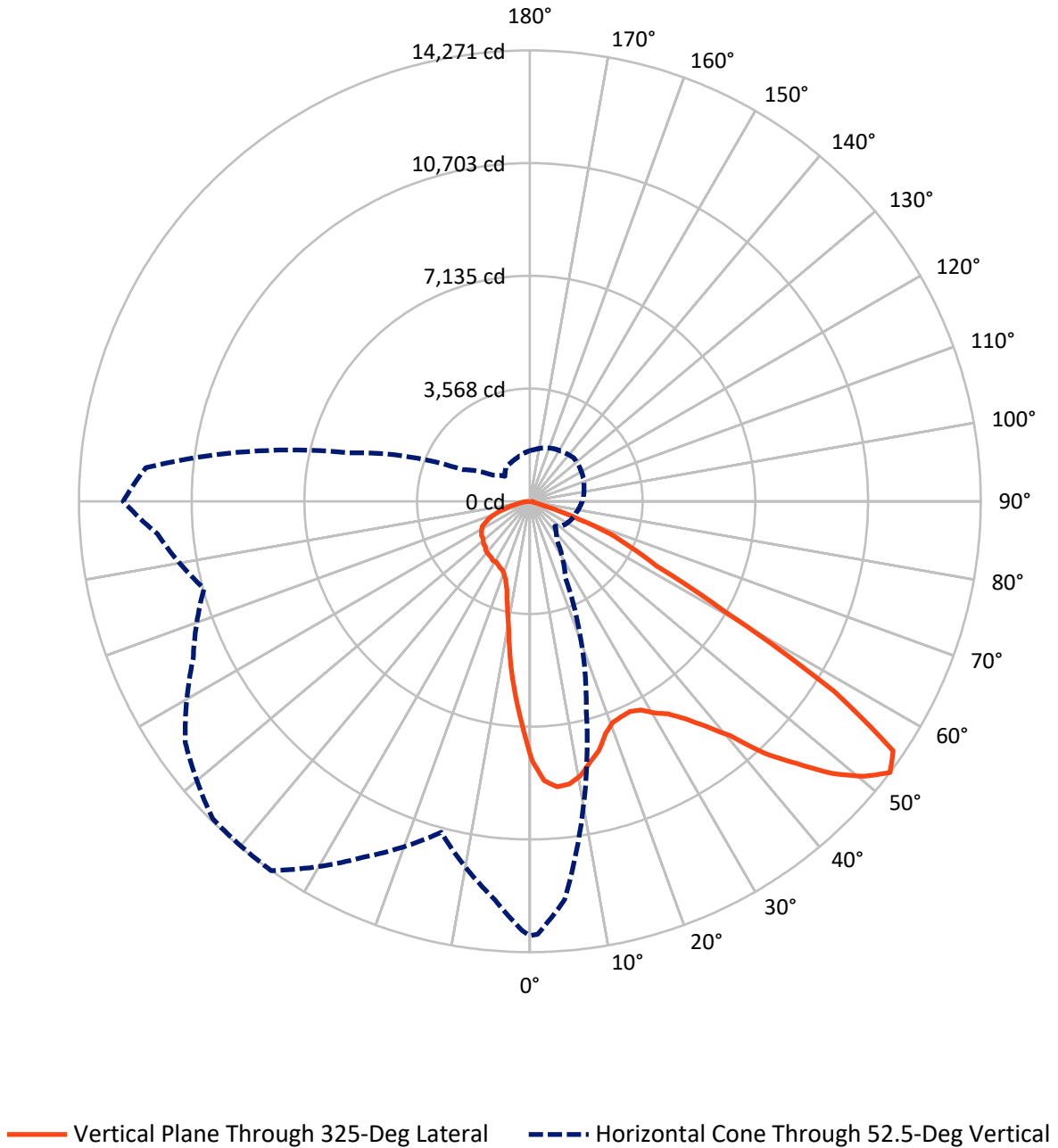
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.1 fc  
 Type III - 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    | 5568.8   | 0.0    | 5568.8  |
|                    | % Fixture | 30.1     | 0.0    | 30.1    |
| <b>Street Side</b> | Lumens    | 12904.2  | 0.0    | 12904.2 |
|                    | % Fixture | 69.9     | 0.0    | 69.9    |
| <b>Total</b>       | Lumens    | 18473.0  | 0.0    | 18473.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 625.5   | 3.4       |
| 10°-20°   | 1355.9  | 7.3       |
| 20°-30°   | 2048.7  | 11.1      |
| 30°-40°   | 2960.4  | 16.0      |
| 40°-50°   | 3939.8  | 21.3      |
| 50°-60°   | 4406.8  | 23.9      |
| 60°-70°   | 2483.6  | 13.4      |
| 70°-80°   | 553.6   | 3.0       |
| 80°-90°   | 98.6    | 0.5       |
| 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°    | 18473.0 | 100.0     |
| 0°-180°   | 18473.0 | 100.0     |

**Coefficient of Utilization**



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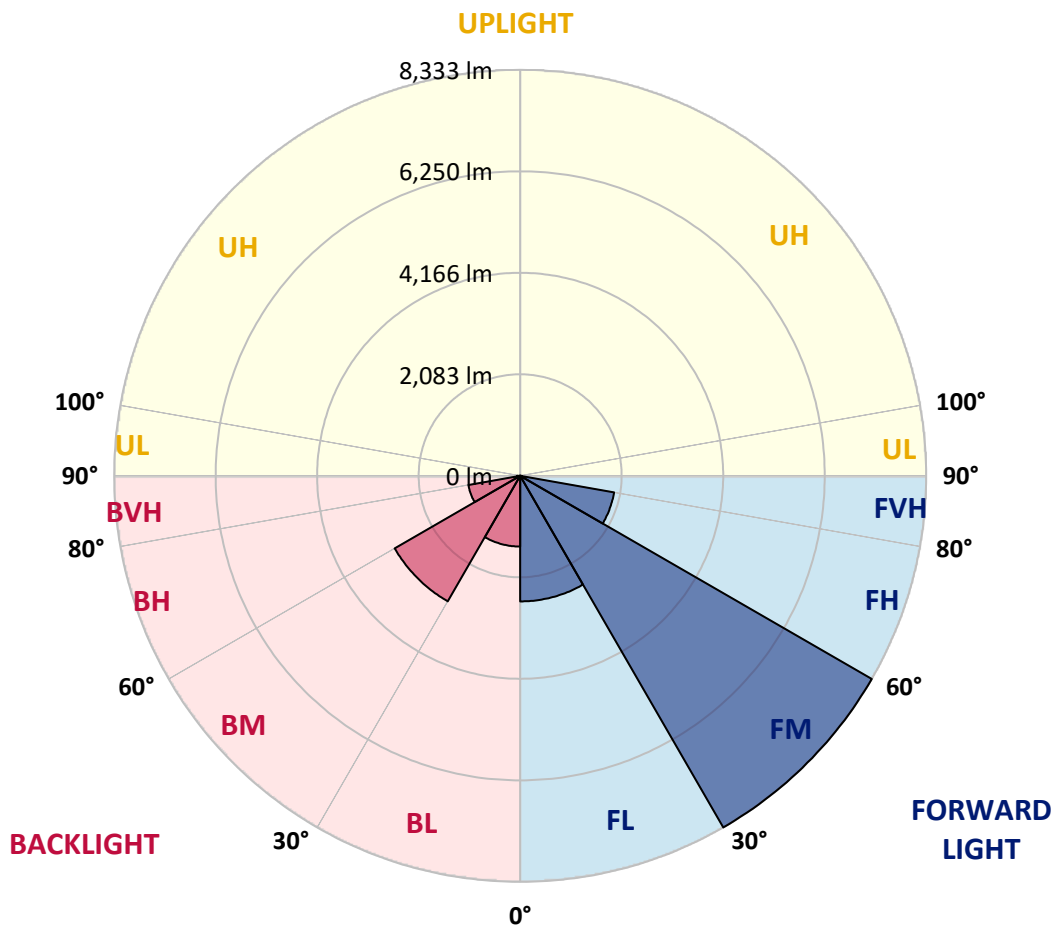
CATALOG NUMBER: GALN-SA6B-827-U-SLR-GRSWH

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 2577.9 | 14.0      |                         |      |         |
| FM (30°-60°)   | 8332.7 | 45.1      |                         |      |         |
| FH (60°-80°)   | 1957.9 | 10.6      |                         |      | G2/5000 |
| FVH (80°-90°)  | 35.7   | 0.2       |                         |      | G1/100  |
| BL (0°-30°)    | 1452.2 | 7.9       | B3/2500                 |      |         |
| BM (30°-60°)   | 2974.3 | 16.1      | B3/5000                 |      |         |
| BH (60°-80°)   | 1079.4 | 5.8       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 62.9   | 0.3       |                         |      | 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 III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8198.4  | 8198.4  | 8198.4  | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 |
| 2.5°  | 8335.0  | 8468.9  | 8324.3  | 8067.2 | 7885.2 | 7719.2 | 7545.1 | 7510.3 | 7282.7 | 7242.6 | 7076.6 |
| 5°    | 7861.1  | 7831.6  | 7654.9  | 7317.5 | 6945.4 | 6608.0 | 6359.0 | 6118.0 | 5954.7 | 5764.6 | 5751.2 |
| 7.5°  | 7285.4  | 7114.1  | 7012.3  | 6500.9 | 6040.4 | 5510.2 | 5282.7 | 4915.8 | 4800.7 | 4629.4 | 4541.0 |
| 10°   | 6771.3  | 6645.5  | 6407.2  | 5895.8 | 5253.2 | 4902.5 | 4658.8 | 4460.7 | 4326.8 | 4150.1 | 3927.9 |
| 12.5° | 6517.0  | 6466.1  | 6198.4  | 5405.8 | 4929.2 | 4554.4 | 4383.0 | 4190.2 | 3962.7 | 3678.9 | 3569.1 |
| 15°   | 6562.5  | 6391.1  | 6187.6  | 5312.1 | 4653.5 | 4292.0 | 4018.9 | 3777.9 | 3486.1 | 3215.6 | 3057.7 |
| 17.5° | 6902.5  | 6771.3  | 6364.4  | 5371.0 | 4549.0 | 4026.9 | 3531.6 | 3175.5 | 2913.1 | 2669.4 | 2559.7 |
| 20°   | 7571.9  | 7381.8  | 6924.0  | 5446.0 | 4324.1 | 3657.4 | 3089.8 | 2650.7 | 2369.6 | 2241.0 | 2203.6 |
| 22.5° | 8313.6  | 8201.1  | 7470.2  | 5614.7 | 4144.7 | 3314.7 | 2621.2 | 2182.1 | 2077.7 | 2042.9 | 2112.5 |
| 25°   | 9215.9  | 8924.0  | 8318.9  | 5890.4 | 4005.5 | 3022.9 | 2225.0 | 1981.3 | 1927.8 | 1962.6 | 2042.9 |
| 27.5° | 9901.3  | 9823.7  | 8913.3  | 6150.2 | 3815.4 | 2672.1 | 2002.8 | 1842.1 | 1858.2 | 1893.0 | 1967.9 |
| 30°   | 10715.3 | 10321.7 | 9489.0  | 6329.6 | 3644.0 | 2431.1 | 1847.5 | 1804.6 | 1820.7 | 1879.6 | 1917.1 |
| 32.5° | 11205.2 | 11058.0 | 9850.4  | 6600.0 | 3445.9 | 2222.3 | 1727.0 | 1686.8 | 1710.9 | 1799.3 | 1887.6 |
| 35°   | 11829.1 | 11537.2 | 10297.6 | 6669.6 | 3306.7 | 2139.3 | 1641.3 | 1611.8 | 1668.1 | 1729.6 | 1828.7 |
| 37.5° | 12557.4 | 12356.6 | 10916.1 | 6621.4 | 3231.7 | 2053.6 | 1569.0 | 1555.6 | 1595.8 | 1681.5 | 1796.6 |
| 40°   | 12988.4 | 12926.9 | 11240.0 | 6650.8 | 3113.9 | 1978.7 | 1486.0 | 1502.1 | 1585.1 | 1652.0 | 1764.5 |
| 42.5° | 13403.4 | 13001.8 | 11719.3 | 6640.1 | 3038.9 | 1876.9 | 1494.0 | 1475.3 | 1539.5 | 1617.2 | 1724.3 |
| 45°   | 13494.5 | 13095.5 | 11831.8 | 6565.2 | 2947.9 | 1777.8 | 1432.4 | 1440.5 | 1518.1 | 1614.5 | 1684.1 |
| 47.5° | 13435.6 | 13141.1 | 12040.6 | 6543.8 | 2862.2 | 1708.2 | 1341.4 | 1437.8 | 1483.3 | 1561.0 | 1660.0 |
| 50°   | 13395.4 | 13379.3 | 12217.3 | 6645.5 | 2747.1 | 1598.5 | 1231.6 | 1403.0 | 1448.5 | 1526.2 | 1633.3 |
| 52.5° | 13748.8 | 13714.0 | 12659.1 | 6913.2 | 2656.1 | 1480.6 | 1119.2 | 1314.6 | 1424.4 | 1499.4 | 1603.8 |
| 55°   | 13963.0 | 13810.4 | 13416.8 | 7242.6 | 2503.4 | 1325.4 | 1041.5 | 1204.9 | 1365.5 | 1432.4 | 1539.5 |
| 57.5° | 12560.0 | 12455.6 | 12137.0 | 6760.6 | 2246.4 | 1121.9 | 945.1  | 1092.4 | 1285.2 | 1389.6 | 1499.4 |
| 60°   | 10450.2 | 10286.9 | 9470.2  | 5745.9 | 1657.4 | 872.9  | 886.2  | 1004.1 | 1263.8 | 1303.9 | 1432.4 |
| 62.5° | 9853.1  | 9448.8  | 8337.7  | 4624.0 | 1271.8 | 749.7  | 795.2  | 923.7  | 1151.3 | 1218.3 | 1346.8 |
| 65°   | 7818.2  | 7518.4  | 5965.4  | 3338.8 | 851.4  | 650.6  | 725.6  | 832.7  | 993.3  | 1124.5 | 1242.3 |
| 67.5° | 4894.4  | 4607.9  | 3183.5  | 1579.7 | 594.4  | 556.9  | 647.9  | 760.4  | 891.6  | 1009.4 | 1140.6 |
| 70°   | 2557.0  | 2243.7  | 1469.9  | 570.3  | 409.7  | 455.2  | 540.9  | 647.9  | 776.5  | 872.9  | 974.6  |
| 72.5° | 953.2   | 773.8   | 479.3   | 246.3  | 283.8  | 348.1  | 439.1  | 516.8  | 607.8  | 725.6  | 781.8  |
| 75°   | 147.3   | 125.8   | 123.2   | 149.9  | 192.8  | 251.7  | 313.3  | 390.9  | 471.2  | 546.2  | 583.7  |
| 77.5° | 69.6    | 66.9    | 75.0    | 99.1   | 128.5  | 179.4  | 227.6  | 302.6  | 366.8  | 415.0  | 436.4  |
| 80°   | 45.5    | 42.8    | 48.2    | 66.9   | 96.4   | 133.9  | 182.1  | 232.9  | 291.8  | 332.0  | 326.7  |
| 82.5° | 26.8    | 29.5    | 29.5    | 45.5   | 66.9   | 96.4   | 131.2  | 176.7  | 216.9  | 251.7  | 230.3  |
| 85°   | 16.1    | 13.4    | 13.4    | 26.8   | 45.5   | 77.6   | 109.8  | 75.0   | 77.6   | 77.6   | 88.4   |
| 87.5° | 5.4     | 5.4     | 5.4     | 2.7    | 5.4    | 5.4    | 8.0    | 13.4   | 16.1   | 18.7   | 24.1   |
| 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°    | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 |
| 2.5°  | 7071.2 | 7154.2 | 7124.8 | 7020.3 | 7100.7 | 7114.1 | 7060.5 | 7245.2 | 7280.1 | 7223.8 | 7239.9 |
| 5°    | 5732.5 | 5753.9 | 5802.1 | 5903.8 | 5976.1 | 6061.8 | 6061.8 | 6067.2 | 5994.9 | 6176.9 | 6123.4 |
| 7.5°  | 4466.0 | 4479.4 | 4535.6 | 4752.5 | 4814.1 | 4977.4 | 5047.0 | 4998.8 | 4854.3 | 4792.7 | 4843.6 |
| 10°   | 3855.6 | 3777.9 | 3759.2 | 3786.0 | 3925.2 | 3994.8 | 4053.7 | 4037.6 | 4013.5 | 3965.3 | 3911.8 |
| 12.5° | 3448.6 | 3392.4 | 3346.8 | 3282.6 | 3290.6 | 3357.6 | 3403.1 | 3365.6 | 3376.3 | 3387.0 | 3403.1 |
| 15°   | 3006.8 | 2966.6 | 2942.5 | 2846.2 | 2835.4 | 2881.0 | 2897.0 | 2918.4 | 2958.6 | 2961.3 | 2942.5 |
| 17.5° | 2538.2 | 2503.4 | 2557.0 | 2610.5 | 2573.1 | 2575.7 | 2605.2 | 2623.9 | 2613.2 | 2565.0 | 2540.9 |
| 20°   | 2216.9 | 2254.4 | 2308.0 | 2358.9 | 2399.0 | 2423.1 | 2433.8 | 2404.4 | 2369.6 | 2270.5 | 2267.8 |
| 22.5° | 2123.2 | 2171.4 | 2216.9 | 2294.6 | 2332.1 | 2393.7 | 2337.4 | 2270.5 | 2222.3 | 2174.1 | 2117.9 |
| 25°   | 2053.6 | 2093.8 | 2184.8 | 2214.3 | 2286.6 | 2337.4 | 2297.3 | 2230.3 | 2147.3 | 2077.7 | 2034.9 |
| 27.5° | 2002.8 | 2048.3 | 2107.2 | 2187.5 | 2243.7 | 2273.2 | 2233.0 | 2206.2 | 2120.6 | 2037.6 | 1976.0 |
| 30°   | 1970.6 | 2018.8 | 2125.9 | 2192.9 | 2241.0 | 2265.1 | 2195.5 | 2163.4 | 2101.8 | 2032.2 | 1978.7 |
| 32.5° | 1949.2 | 1992.0 | 2083.1 | 2168.8 | 2200.9 | 2200.9 | 2211.6 | 2174.1 | 2088.4 | 1970.6 | 1925.1 |
| 35°   | 1879.6 | 1938.5 | 2013.5 | 2112.5 | 2171.4 | 2206.2 | 2152.7 | 2109.9 | 2053.6 | 1933.1 | 1850.1 |
| 37.5° | 1839.4 | 1879.6 | 1976.0 | 2069.7 | 2120.6 | 2158.0 | 2136.6 | 2061.7 | 1986.7 | 1887.6 | 1820.7 |
| 40°   | 1796.6 | 1860.8 | 1946.5 | 2034.9 | 2091.1 | 2128.6 | 2112.5 | 2024.2 | 1933.1 | 1839.4 | 1793.9 |
| 42.5° | 1767.1 | 1810.0 | 1898.3 | 1997.4 | 2064.3 | 2136.6 | 2088.4 | 1978.7 | 1914.4 | 1785.9 | 1735.0 |
| 45°   | 1743.0 | 1812.7 | 1906.4 | 1946.5 | 2016.1 | 2091.1 | 2005.4 | 1938.5 | 1863.5 | 1769.8 | 1727.0 |
| 47.5° | 1713.6 | 1777.8 | 1839.4 | 1946.5 | 1978.7 | 2013.5 | 1997.4 | 1890.3 | 1826.0 | 1724.3 | 1694.8 |
| 50°   | 1702.9 | 1727.0 | 1839.4 | 1898.3 | 1943.8 | 1978.7 | 1935.8 | 1855.5 | 1793.9 | 1689.5 | 1625.2 |
| 52.5° | 1660.0 | 1705.6 | 1777.8 | 1855.5 | 1911.7 | 1954.6 | 1884.9 | 1834.1 | 1751.1 | 1641.3 | 1601.1 |
| 55°   | 1606.5 | 1633.3 | 1761.8 | 1842.1 | 1871.6 | 1901.0 | 1874.2 | 1791.2 | 1705.6 | 1593.1 | 1552.9 |
| 57.5° | 1536.9 | 1598.5 | 1702.9 | 1815.3 | 1852.8 | 1868.9 | 1826.0 | 1759.1 | 1652.0 | 1552.9 | 1488.7 |
| 60°   | 1464.6 | 1528.8 | 1644.0 | 1735.0 | 1772.5 | 1831.4 | 1767.1 | 1727.0 | 1603.8 | 1494.0 | 1424.4 |
| 62.5° | 1392.3 | 1464.6 | 1550.3 | 1665.4 | 1697.5 | 1721.6 | 1705.6 | 1649.3 | 1550.3 | 1427.1 | 1341.4 |
| 65°   | 1306.6 | 1360.2 | 1467.3 | 1526.2 | 1547.6 | 1603.8 | 1547.6 | 1526.2 | 1437.8 | 1320.0 | 1247.7 |
| 67.5° | 1178.1 | 1223.6 | 1317.3 | 1373.5 | 1389.6 | 1413.7 | 1411.0 | 1386.9 | 1287.9 | 1207.5 | 1143.3 |
| 70°   | 1030.8 | 1071.0 | 1129.9 | 1196.8 | 1204.9 | 1234.3 | 1207.5 | 1202.2 | 1137.9 | 1028.2 | 993.3  |
| 72.5° | 827.3  | 864.8  | 942.5  | 971.9  | 974.6  | 985.3  | 971.9  | 953.2  | 937.1  | 822.0  | 787.2  |
| 75°   | 634.6  | 656.0  | 693.5  | 720.2  | 720.2  | 733.6  | 725.6  | 706.9  | 664.0  | 591.7  | 556.9  |
| 77.5° | 441.8  | 463.2  | 511.4  | 527.5  | 524.8  | 530.1  | 506.0  | 487.3  | 423.0  | 385.6  | 356.1  |
| 80°   | 321.3  | 334.7  | 358.8  | 369.5  | 372.2  | 380.2  | 350.7  | 334.7  | 297.2  | 254.4  | 241.0  |
| 82.5° | 232.9  | 241.0  | 243.7  | 257.0  | 257.0  | 243.7  | 235.6  | 219.6  | 192.8  | 166.0  | 155.3  |
| 85°   | 96.4   | 99.1   | 101.7  | 117.8  | 120.5  | 144.6  | 133.9  | 125.8  | 109.8  | 93.7   | 85.7   |
| 87.5° | 24.1   | 26.8   | 34.8   | 29.5   | 34.8   | 34.8   | 37.5   | 42.8   | 42.8   | 34.8   | 34.8   |
| 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°    | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4 | 8198.4  | 8198.4  | 8198.4  |
| 2.5°  | 7301.5 | 7322.9 | 7596.0 | 7630.8 | 7764.7 | 7901.2 | 8177.0 | 8375.1 | 8535.8  | 8640.2  | 8669.7  |
| 5°    | 6179.6 | 6316.2 | 6442.0 | 6645.5 | 6830.2 | 7092.6 | 7395.2 | 7770.0 | 8241.3  | 8482.2  | 8578.6  |
| 7.5°  | 4838.2 | 4998.8 | 5180.9 | 5379.0 | 5649.5 | 6120.7 | 6525.0 | 6958.8 | 7561.2  | 7810.2  | 8187.7  |
| 10°   | 3949.3 | 4128.7 | 4369.6 | 4522.3 | 4848.9 | 5298.7 | 5770.0 | 6270.6 | 6846.3  | 7205.1  | 7641.5  |
| 12.5° | 3491.4 | 3638.7 | 3860.9 | 4182.2 | 4425.9 | 4717.7 | 5068.5 | 5700.3 | 6525.0  | 6865.0  | 7164.9  |
| 15°   | 2985.4 | 3148.7 | 3405.7 | 3761.9 | 4053.7 | 4401.8 | 4795.4 | 5483.5 | 6361.7  | 6886.5  | 7140.8  |
| 17.5° | 2567.7 | 2685.5 | 2955.9 | 3263.8 | 3598.5 | 3978.7 | 4543.7 | 5472.8 | 6533.0  | 7205.1  | 7620.1  |
| 20°   | 2278.5 | 2294.6 | 2441.9 | 2704.3 | 3159.4 | 3654.8 | 4388.4 | 5419.2 | 7081.9  | 7754.0  | 8278.8  |
| 22.5° | 2096.5 | 2080.4 | 2083.1 | 2305.3 | 2623.9 | 3336.1 | 4144.7 | 5601.3 | 7705.8  | 8626.8  | 8980.3  |
| 25°   | 2005.4 | 1962.6 | 1935.8 | 1984.0 | 2273.2 | 2958.6 | 3960.0 | 5842.3 | 8377.8  | 9347.1  | 9780.8  |
| 27.5° | 1957.2 | 1882.3 | 1828.7 | 1836.7 | 2048.3 | 2768.5 | 3844.9 | 5946.7 | 9044.5  | 10351.1 | 10503.7 |
| 30°   | 1938.5 | 1844.8 | 1767.1 | 1740.4 | 1879.6 | 2503.4 | 3598.5 | 6126.1 | 9641.6  | 10902.7 | 11033.9 |
| 32.5° | 1871.6 | 1756.4 | 1681.5 | 1657.4 | 1713.6 | 2270.5 | 3421.8 | 6254.6 | 10169.1 | 11502.4 | 11456.9 |
| 35°   | 1793.9 | 1697.5 | 1603.8 | 1558.3 | 1598.5 | 2120.6 | 3279.9 | 6193.0 | 10790.2 | 11968.3 | 11944.2 |
| 37.5° | 1785.9 | 1660.0 | 1582.4 | 1507.4 | 1504.7 | 1935.8 | 3087.1 | 6251.9 | 11186.5 | 12803.7 | 12474.4 |
| 40°   | 1716.3 | 1635.9 | 1534.2 | 1472.6 | 1437.8 | 1842.1 | 2899.7 | 6112.7 | 11767.5 | 13141.1 | 12817.1 |
| 42.5° | 1718.9 | 1598.5 | 1510.1 | 1437.8 | 1403.0 | 1705.6 | 2771.2 | 6075.2 | 11971.0 | 13689.9 | 12977.7 |
| 45°   | 1676.1 | 1558.3 | 1483.3 | 1397.6 | 1378.9 | 1601.1 | 2648.0 | 5901.2 | 12329.8 | 13716.7 | 12776.9 |
| 47.5° | 1633.3 | 1528.8 | 1448.5 | 1346.8 | 1303.9 | 1563.6 | 2551.6 | 5756.6 | 12142.4 | 13465.0 | 12498.5 |
| 50°   | 1603.8 | 1483.3 | 1408.4 | 1336.1 | 1215.6 | 1499.4 | 2425.8 | 5721.8 | 11880.0 | 13125.0 | 11981.7 |
| 52.5° | 1552.9 | 1445.8 | 1368.2 | 1312.0 | 1119.2 | 1440.5 | 2377.6 | 5925.3 | 12201.3 | 12870.6 | 11831.8 |
| 55°   | 1504.7 | 1395.0 | 1295.9 | 1186.1 | 1038.9 | 1285.2 | 2243.7 | 6115.4 | 12669.8 | 13457.0 | 12511.8 |
| 57.5° | 1453.9 | 1349.4 | 1242.3 | 1111.2 | 961.2  | 1124.5 | 2104.5 | 6150.2 | 11791.6 | 12436.9 | 11877.3 |
| 60°   | 1386.9 | 1253.1 | 1172.7 | 1001.4 | 878.2  | 931.8  | 1668.1 | 5421.9 | 9146.3  | 10385.9 | 10404.7 |
| 62.5° | 1312.0 | 1167.4 | 1097.8 | 897.0  | 792.5  | 803.2  | 1360.2 | 4557.1 | 7419.3  | 8597.4  | 9108.8  |
| 65°   | 1212.9 | 1073.7 | 990.7  | 830.0  | 731.0  | 696.1  | 996.0  | 3338.8 | 5636.1  | 6974.8  | 7555.8  |
| 67.5° | 1084.4 | 953.2  | 848.8  | 722.9  | 653.3  | 597.1  | 680.1  | 1879.6 | 3328.1  | 4682.9  | 4859.6  |
| 70°   | 947.8  | 835.4  | 725.6  | 621.2  | 543.5  | 503.4  | 498.0  | 832.7  | 1590.4  | 2519.5  | 2867.6  |
| 72.5° | 747.0  | 666.7  | 578.3  | 500.7  | 449.8  | 390.9  | 356.1  | 345.4  | 538.2   | 1025.5  | 1416.4  |
| 75°   | 535.5  | 468.6  | 417.7  | 366.8  | 329.3  | 297.2  | 270.4  | 246.3  | 224.9   | 257.0   | 353.4   |
| 77.5° | 337.4  | 313.3  | 273.1  | 259.7  | 238.3  | 230.3  | 219.6  | 206.2  | 190.1   | 179.4   | 179.4   |
| 80°   | 227.6  | 211.5  | 198.1  | 195.5  | 187.4  | 184.7  | 187.4  | 174.0  | 158.0   | 144.6   | 149.9   |
| 82.5° | 152.6  | 149.9  | 147.3  | 144.6  | 147.3  | 149.9  | 155.3  | 152.6  | 139.2   | 131.2   | 133.9   |
| 85°   | 91.0   | 96.4   | 101.7  | 107.1  | 117.8  | 104.4  | 85.7   | 72.3   | 64.3    | 58.9    | 56.2    |
| 87.5° | 34.8   | 48.2   | 42.8   | 40.2   | 42.8   | 40.2   | 37.5   | 34.8   | 29.5    | 26.8    | 26.8    |
| 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: P531124

CATALOG NUMBER: GALN-SA6B-827-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 8198.4  | 8198.4  | 8198.4  | 8198.4  | 8198.4  | 8198.4  | 8198.4  | 8198.4  | 8198.4  | 8198.4  |
| 2.5°  | 8865.1  | 8918.7  | 8964.2  | 8953.5  | 8859.8  | 8733.9  | 8683.1  | 8423.3  | 8369.8  | 8335.0  |
| 5°    | 8985.6  | 9296.2  | 9363.1  | 9323.0  | 9079.3  | 8771.4  | 8471.5  | 8091.3  | 7869.1  | 7861.1  |
| 7.5°  | 8763.4  | 9146.3  | 9266.7  | 9357.8  | 9033.8  | 8498.3  | 7984.2  | 7413.9  | 7274.7  | 7285.4  |
| 10°   | 8198.4  | 8808.9  | 9106.1  | 9199.8  | 8827.6  | 8364.4  | 7652.2  | 7073.9  | 6776.7  | 6771.3  |
| 12.5° | 7885.2  | 8364.4  | 8447.4  | 8578.6  | 8468.9  | 8000.3  | 7459.4  | 6811.5  | 6522.3  | 6517.0  |
| 15°   | 7606.7  | 7922.7  | 7946.7  | 8131.5  | 8190.4  | 7874.5  | 7510.3  | 6819.5  | 6586.6  | 6562.5  |
| 17.5° | 7850.4  | 7630.8  | 7539.8  | 7563.9  | 7737.9  | 7853.0  | 7804.8  | 7274.7  | 7036.4  | 6902.5  |
| 20°   | 8013.7  | 7523.7  | 7247.9  | 7274.7  | 7480.9  | 7901.2  | 8243.9  | 7933.4  | 7555.8  | 7571.9  |
| 22.5° | 8450.1  | 7539.8  | 7108.7  | 7079.2  | 7405.9  | 8152.9  | 8739.3  | 8766.1  | 8401.9  | 8313.6  |
| 25°   | 9103.4  | 7724.5  | 7065.9  | 7057.8  | 7371.1  | 8423.3  | 9317.6  | 9751.4  | 9379.2  | 9215.9  |
| 27.5° | 9628.2  | 8013.7  | 7199.7  | 7226.5  | 7480.9  | 8642.9  | 9810.3  | 10385.9 | 10102.1 | 9901.3  |
| 30°   | 10088.7 | 8313.6  | 7387.2  | 7264.0  | 7775.4  | 8758.0  | 10021.8 | 11108.8 | 10881.3 | 10715.3 |
| 32.5° | 10278.8 | 8739.3  | 7684.4  | 7480.9  | 8019.0  | 8897.3  | 10460.9 | 11810.3 | 11614.9 | 11205.2 |
| 35°   | 10600.1 | 8977.6  | 7845.0  | 7828.9  | 8444.8  | 9231.9  | 10667.1 | 12273.5 | 12193.2 | 11829.1 |
| 37.5° | 10857.2 | 9218.5  | 8415.3  | 8238.6  | 9028.4  | 9794.2  | 10999.1 | 12913.5 | 12728.7 | 12557.4 |
| 40°   | 11055.3 | 9649.6  | 8948.1  | 9181.1  | 9746.0  | 10305.6 | 11304.3 | 12953.6 | 13486.4 | 12988.4 |
| 42.5° | 10873.2 | 10035.2 | 9823.7  | 10380.6 | 10916.1 | 10889.3 | 11339.1 | 13264.2 | 13663.2 | 13403.4 |
| 45°   | 10827.7 | 10688.5 | 11207.9 | 11714.0 | 11837.1 | 11373.9 | 11090.1 | 12921.5 | 13609.6 | 13494.5 |
| 47.5° | 10717.9 | 11331.1 | 12236.1 | 13060.7 | 12873.3 | 11697.9 | 10792.9 | 12859.9 | 13641.7 | 13435.6 |
| 50°   | 10680.5 | 11470.3 | 12996.5 | 13799.7 | 13687.3 | 11979.0 | 10653.7 | 12463.6 | 13414.2 | 13395.4 |
| 52.5° | 10677.8 | 11756.8 | 13312.4 | 14201.3 | 14270.9 | 12423.5 | 10843.8 | 12664.5 | 13590.9 | 13748.8 |
| 55°   | 10798.3 | 11665.8 | 13272.2 | 13979.1 | 13952.3 | 12225.4 | 10865.2 | 12798.3 | 13807.7 | 13963.0 |
| 57.5° | 10185.1 | 10450.2 | 10953.6 | 11513.1 | 11368.6 | 10126.2 | 9703.2  | 11831.8 | 12672.5 | 12560.0 |
| 60°   | 8795.5  | 7965.5  | 7397.9  | 7371.1  | 7090.0  | 6701.7  | 7941.4  | 10560.0 | 10560.0 | 10450.2 |
| 62.5° | 7703.1  | 5229.1  | 4492.8  | 4284.0  | 4484.8  | 4931.9  | 7660.3  | 10270.8 | 9979.0  | 9853.1  |
| 65°   | 6736.5  | 3992.1  | 3247.8  | 3188.9  | 3536.9  | 4211.7  | 6926.6  | 8750.0  | 8235.9  | 7818.2  |
| 67.5° | 4334.8  | 2923.8  | 2415.1  | 2310.7  | 2731.0  | 3092.5  | 4610.6  | 5381.7  | 5057.8  | 4894.4  |
| 70°   | 2795.3  | 1903.7  | 1344.1  | 1261.1  | 1424.4  | 1906.4  | 2945.2  | 3138.0  | 2666.8  | 2557.0  |
| 72.5° | 1322.7  | 822.0   | 471.2   | 388.2   | 436.4   | 728.3   | 1164.7  | 1253.1  | 1041.5  | 953.2   |
| 75°   | 420.4   | 302.6   | 192.8   | 166.0   | 158.0   | 187.4   | 267.7   | 206.2   | 149.9   | 147.3   |
| 77.5° | 187.4   | 179.4   | 152.6   | 128.5   | 112.5   | 93.7    | 77.6    | 64.3    | 66.9    | 69.6    |
| 80°   | 155.3   | 141.9   | 125.8   | 112.5   | 93.7    | 72.3    | 56.2    | 42.8    | 42.8    | 45.5    |
| 82.5° | 136.6   | 123.2   | 109.8   | 93.7    | 80.3    | 58.9    | 42.8    | 29.5    | 26.8    | 26.8    |
| 85°   | 58.9    | 69.6    | 75.0    | 80.3    | 64.3    | 48.2    | 29.5    | 18.7    | 16.1    | 16.1    |
| 87.5° | 24.1    | 21.4    | 18.7    | 16.1    | 13.4    | 13.4    | 10.7    | 8.0     | 5.4     | 5.4     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)