

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: P531384

Luminaire Tested: **GALN-SA6C-830-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P531384  
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-SA6C-830-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 3000K, 1050mA 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: 24673 lumens  
Efficiency: N/A  
Efficacy: 76.9 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): 321  
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



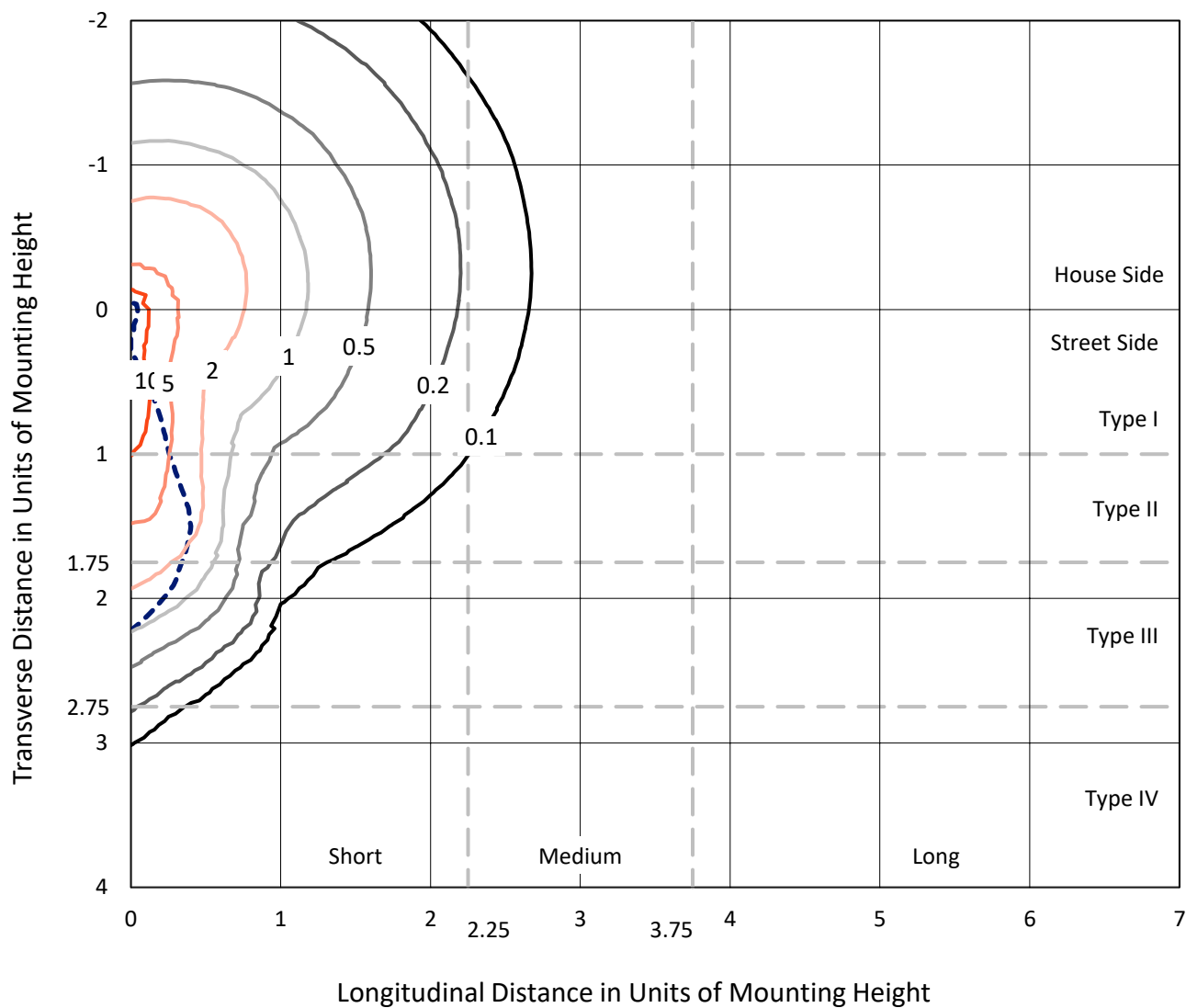
REPORT NUMBER: P531384

CATALOG NUMBER: GALN-SA6C-830-U-SLR-GRSWH

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

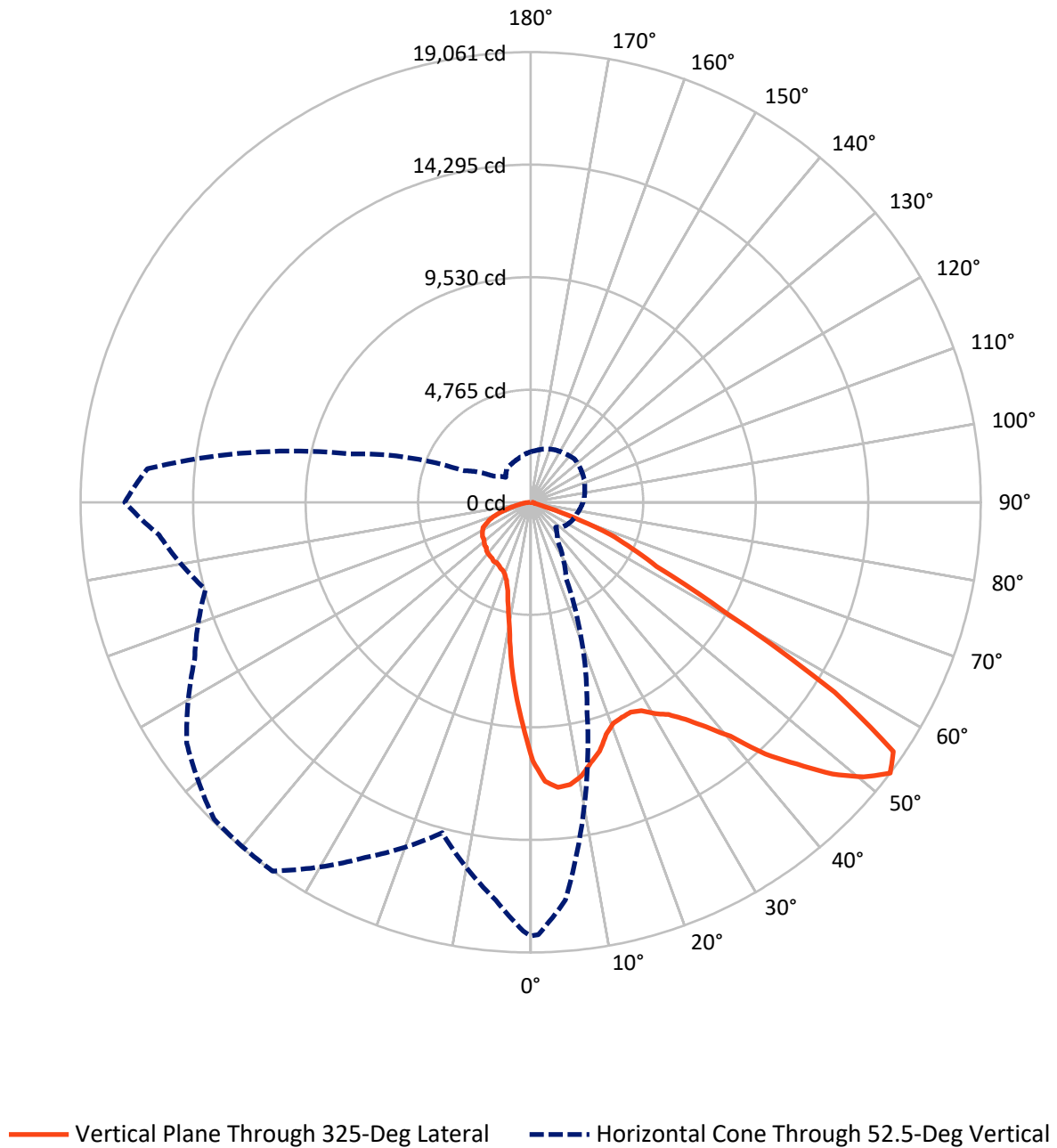


Based on 25 foot mounting height. Maximum calculated value = 17.5 fc  
 Type III - Short - N/A

REPORT NUMBER: P531384

CATALOG NUMBER: GALN-SA6C-830-U-SLR-GRSWH

## Luminous Intensity Polar Plot



REPORT NUMBER: P531384

CATALOG NUMBER: GALN-SA6C-830-U-SLR-GRSWH

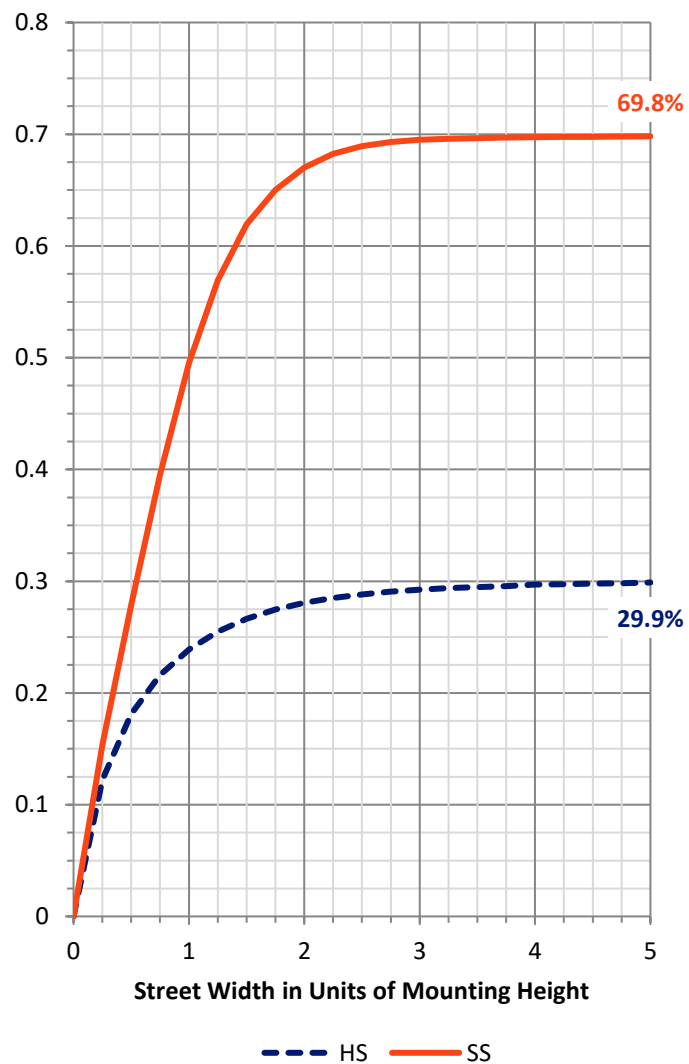
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7437.9   | 0.0    | 7437.9  |
|                    | % Fixture | 30.1     | 0.0    | 30.1    |
| <b>Street Side</b> | Lumens    | 17235.1  | 0.0    | 17235.1 |
|                    | % Fixture | 69.9     | 0.0    | 69.9    |
| <b>Total</b>       | Lumens    | 24673.0  | 0.0    | 24673.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 835.4   | 3.4       |
| 10°-20°   | 1811.0  | 7.3       |
| 20°-30°   | 2736.3  | 11.1      |
| 30°-40°   | 3954.0  | 16.0      |
| 40°-50°   | 5262.1  | 21.3      |
| 50°-60°   | 5885.8  | 23.9      |
| 60°-70°   | 3317.2  | 13.4      |
| 70°-80°   | 739.5   | 3.0       |
| 80°-90°   | 131.7   | 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°    | 24673.0 | 100.0     |
| 0°-180°   | 24673.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P531384

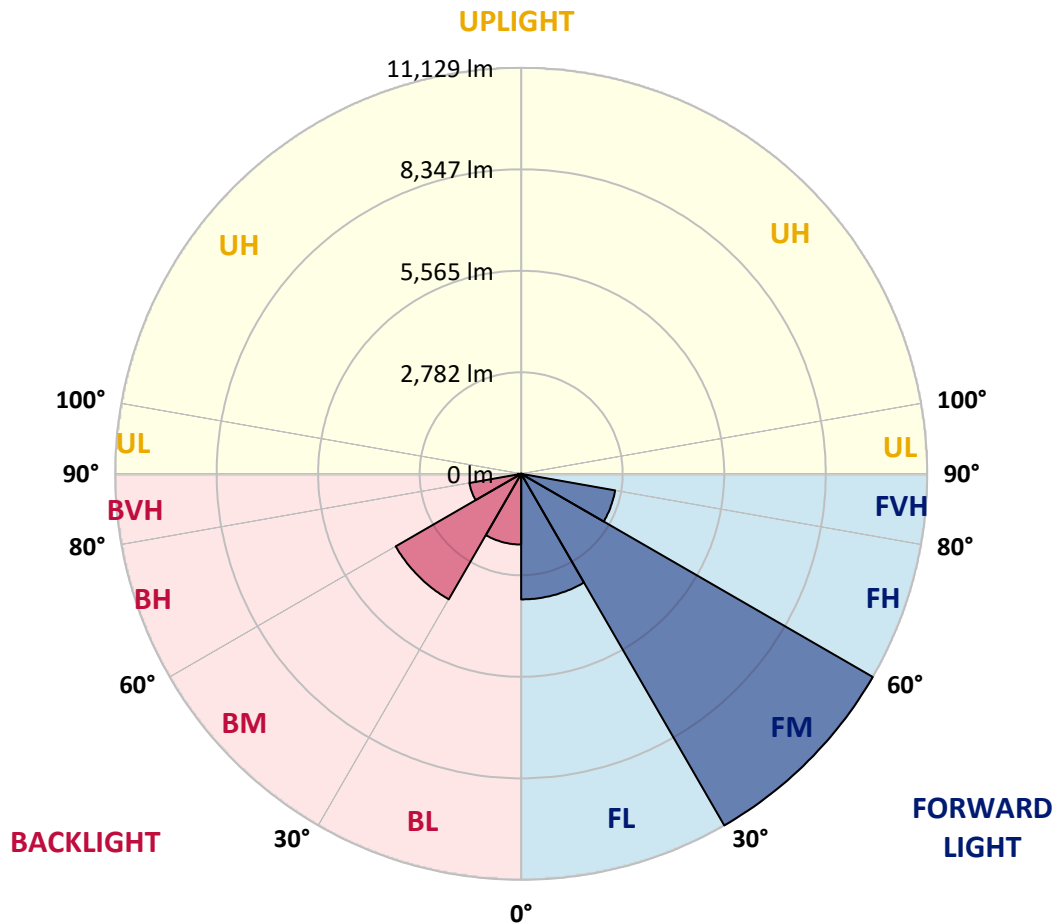
CATALOG NUMBER: GALN-SA6C-830-U-SLR-GRSWH

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 3443.1  | 14.0      |                         |      |         |
| FM   | (30°-60°)   | 11129.4 | 45.1      |                         |      |         |
| FH   | (60°-80°)   | 2615.0  | 10.6      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 47.7    | 0.2       |                         |      | G1/100  |
| BL   | (0°-30°)    | 1939.6  | 7.9       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 3972.6  | 16.1      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1441.7  | 5.8       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 84.0    | 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



REPORT NUMBER: P531384

CATALOG NUMBER: GALN-SA6C-830-U-SLR-GRSWH

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 |
| 2.5°  | 11132.4 | 11311.2 | 11118.1 | 10774.8 | 10531.6 | 10309.9 | 10077.5 | 10031.0 | 9727.0  | 9673.4  | 9451.6  |
| 5°    | 10499.4 | 10460.1 | 10224.1 | 9773.5  | 9276.4  | 8825.8  | 8493.2  | 8171.4  | 7953.3  | 7699.4  | 7681.5  |
| 7.5°  | 9730.6  | 9501.7  | 9365.8  | 8682.8  | 8067.7  | 7359.6  | 7055.7  | 6565.7  | 6412.0  | 6183.1  | 6065.1  |
| 10°   | 9044.0  | 8875.9  | 8557.6  | 7874.6  | 7016.3  | 6547.8  | 6222.4  | 5957.8  | 5779.0  | 5543.0  | 5246.1  |
| 12.5° | 8704.2  | 8636.3  | 8278.7  | 7220.2  | 6583.6  | 6083.0  | 5854.1  | 5596.6  | 5292.6  | 4913.6  | 4766.9  |
| 15°   | 8765.0  | 8536.2  | 8264.4  | 7095.0  | 6215.3  | 5732.5  | 5367.7  | 5045.9  | 4656.1  | 4294.9  | 4083.9  |
| 17.5° | 9219.2  | 9044.0  | 8500.4  | 7173.7  | 6075.8  | 5378.5  | 4716.9  | 4241.3  | 3890.8  | 3565.4  | 3418.8  |
| 20°   | 10113.2 | 9859.3  | 9247.8  | 7273.8  | 5775.4  | 4885.0  | 4126.8  | 3540.3  | 3164.9  | 2993.2  | 2943.1  |
| 22.5° | 11103.8 | 10953.6 | 9977.3  | 7499.1  | 5535.8  | 4427.2  | 3501.0  | 2914.5  | 2775.1  | 2728.6  | 2821.5  |
| 25°   | 12308.9 | 11919.2 | 11111.0 | 7867.4  | 5349.9  | 4037.4  | 2971.7  | 2646.3  | 2574.8  | 2621.3  | 2728.6  |
| 27.5° | 13224.4 | 13120.7 | 11904.8 | 8214.3  | 5095.9  | 3569.0  | 2674.9  | 2460.4  | 2481.8  | 2528.3  | 2628.4  |
| 30°   | 14311.6 | 13785.9 | 12673.7 | 8453.9  | 4867.1  | 3247.1  | 2467.5  | 2410.3  | 2431.8  | 2510.4  | 2560.5  |
| 32.5° | 14966.0 | 14769.3 | 13156.5 | 8815.1  | 4602.4  | 2968.2  | 2306.6  | 2252.9  | 2285.1  | 2403.1  | 2521.2  |
| 35°   | 15799.2 | 15409.4 | 13753.7 | 8908.1  | 4416.5  | 2857.3  | 2192.2  | 2152.8  | 2227.9  | 2310.2  | 2442.5  |
| 37.5° | 16771.9 | 16503.7 | 14579.8 | 8843.7  | 4316.4  | 2742.9  | 2095.6  | 2077.7  | 2131.4  | 2245.8  | 2399.6  |
| 40°   | 17347.7 | 17265.4 | 15012.5 | 8883.0  | 4159.0  | 2642.7  | 1984.7  | 2006.2  | 2117.1  | 2206.5  | 2356.7  |
| 42.5° | 17902.0 | 17365.6 | 15652.6 | 8868.7  | 4058.9  | 2506.8  | 1995.5  | 1970.4  | 2056.3  | 2160.0  | 2303.0  |
| 45°   | 18023.6 | 17490.7 | 15802.8 | 8768.6  | 3937.3  | 2374.5  | 1913.2  | 1923.9  | 2027.7  | 2156.4  | 2249.4  |
| 47.5° | 17944.9 | 17551.5 | 16081.7 | 8740.0  | 3822.9  | 2281.6  | 1791.6  | 1920.4  | 1981.2  | 2084.9  | 2217.2  |
| 50°   | 17891.2 | 17869.8 | 16317.8 | 8875.9  | 3669.1  | 2134.9  | 1645.0  | 1873.9  | 1934.7  | 2038.4  | 2181.4  |
| 52.5° | 18363.3 | 18316.8 | 16907.8 | 9233.5  | 3547.5  | 1977.6  | 1494.8  | 1755.9  | 1902.5  | 2002.6  | 2142.1  |
| 55°   | 18649.4 | 18445.5 | 17919.9 | 9673.4  | 3343.7  | 1770.2  | 1391.1  | 1609.2  | 1823.8  | 1913.2  | 2056.3  |
| 57.5° | 16775.5 | 16636.0 | 16210.5 | 9029.7  | 3000.4  | 1498.4  | 1262.4  | 1459.1  | 1716.5  | 1856.0  | 2002.6  |
| 60°   | 13957.5 | 13739.4 | 12648.7 | 7674.3  | 2213.6  | 1165.8  | 1183.7  | 1341.0  | 1687.9  | 1741.6  | 1913.2  |
| 62.5° | 13160.1 | 12620.1 | 11136.0 | 6175.9  | 1698.6  | 1001.3  | 1062.1  | 1233.8  | 1537.7  | 1627.1  | 1798.8  |
| 65°   | 10442.2 | 10041.7 | 7967.6  | 4459.4  | 1137.2  | 869.0   | 969.1   | 1112.2  | 1326.7  | 1502.0  | 1659.3  |
| 67.5° | 6537.1  | 6154.5  | 4252.0  | 2109.9  | 793.9   | 743.8   | 865.4   | 1015.6  | 1190.8  | 1348.2  | 1523.4  |
| 70°   | 3415.2  | 2996.8  | 1963.3  | 761.7   | 547.1   | 607.9   | 722.4   | 865.4   | 1037.1  | 1165.8  | 1301.7  |
| 72.5° | 1273.1  | 1033.5  | 640.1   | 329.0   | 379.1   | 464.9   | 586.5   | 690.2   | 811.8   | 969.1   | 1044.2  |
| 75°   | 196.7   | 168.1   | 164.5   | 200.3   | 257.5   | 336.2   | 418.4   | 522.1   | 629.4   | 729.5   | 779.6   |
| 77.5° | 93.0    | 89.4    | 100.1   | 132.3   | 171.7   | 239.6   | 304.0   | 404.1   | 489.9   | 554.3   | 582.9   |
| 80°   | 60.8    | 57.2    | 64.4    | 89.4    | 128.7   | 178.8   | 243.2   | 311.1   | 389.8   | 443.4   | 436.3   |
| 82.5° | 35.8    | 39.3    | 39.3    | 60.8    | 89.4    | 128.7   | 175.2   | 236.0   | 289.7   | 336.2   | 307.5   |
| 85°   | 21.5    | 17.9    | 17.9    | 35.8    | 60.8    | 103.7   | 146.6   | 100.1   | 103.7   | 103.7   | 118.0   |
| 87.5° | 7.2     | 7.2     | 7.2     | 3.6     | 7.2     | 7.2     | 10.7    | 17.9    | 21.5    | 25.0    | 32.2    |
| 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: P531384

CATALOG NUMBER: GALN-SA6C-830-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 90°     | 95°     | 105°    | 115°    | 125°    | 135°    | 145°    | 155°    | 165°    | 175°    | 180°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 |
| 2.5°  | 9444.5  | 9555.3  | 9516.0  | 9376.5  | 9483.8  | 9501.7  | 9430.2  | 9676.9  | 9723.4  | 9648.3  | 9669.8  |
| 5°    | 7656.4  | 7685.0  | 7749.4  | 7885.3  | 7981.9  | 8096.3  | 8096.3  | 8103.5  | 8006.9  | 8250.1  | 8178.5  |
| 7.5°  | 5964.9  | 5982.8  | 6057.9  | 6347.6  | 6429.8  | 6648.0  | 6741.0  | 6676.6  | 6483.5  | 6401.2  | 6469.2  |
| 10°   | 5149.6  | 5045.9  | 5020.8  | 5056.6  | 5242.6  | 5335.5  | 5414.2  | 5392.8  | 5360.6  | 5296.2  | 5224.7  |
| 12.5° | 4606.0  | 4530.9  | 4470.1  | 4384.3  | 4395.0  | 4484.4  | 4545.2  | 4495.2  | 4509.5  | 4523.8  | 4545.2  |
| 15°   | 4016.0  | 3962.3  | 3930.1  | 3801.4  | 3787.1  | 3847.9  | 3869.3  | 3898.0  | 3951.6  | 3955.2  | 3930.1  |
| 17.5° | 3390.1  | 3343.7  | 3415.2  | 3486.7  | 3436.6  | 3440.2  | 3479.5  | 3504.6  | 3490.3  | 3425.9  | 3393.7  |
| 20°   | 2961.0  | 3011.1  | 3082.6  | 3150.5  | 3204.2  | 3236.4  | 3250.7  | 3211.3  | 3164.9  | 3032.5  | 3029.0  |
| 22.5° | 2835.9  | 2900.2  | 2961.0  | 3064.7  | 3114.8  | 3197.0  | 3121.9  | 3032.5  | 2968.2  | 2903.8  | 2828.7  |
| 25°   | 2742.9  | 2796.5  | 2918.1  | 2957.4  | 3054.0  | 3121.9  | 3068.3  | 2978.9  | 2868.0  | 2775.1  | 2717.8  |
| 27.5° | 2674.9  | 2735.7  | 2814.4  | 2921.7  | 2996.8  | 3036.1  | 2982.5  | 2946.7  | 2832.3  | 2721.4  | 2639.2  |
| 30°   | 2632.0  | 2696.4  | 2839.4  | 2928.8  | 2993.2  | 3025.4  | 2932.4  | 2889.5  | 2807.2  | 2714.3  | 2642.7  |
| 32.5° | 2603.4  | 2660.6  | 2782.2  | 2896.6  | 2939.6  | 2939.6  | 2953.9  | 2903.8  | 2789.4  | 2632.0  | 2571.2  |
| 35°   | 2510.4  | 2589.1  | 2689.2  | 2821.5  | 2900.2  | 2946.7  | 2875.2  | 2818.0  | 2742.9  | 2581.9  | 2471.1  |
| 37.5° | 2456.8  | 2510.4  | 2639.2  | 2764.3  | 2832.3  | 2882.3  | 2853.7  | 2753.6  | 2653.5  | 2521.2  | 2431.8  |
| 40°   | 2399.6  | 2485.4  | 2599.8  | 2717.8  | 2792.9  | 2843.0  | 2821.5  | 2703.5  | 2581.9  | 2456.8  | 2396.0  |
| 42.5° | 2360.2  | 2417.4  | 2535.5  | 2667.8  | 2757.2  | 2853.7  | 2789.4  | 2642.7  | 2556.9  | 2385.3  | 2317.3  |
| 45°   | 2328.0  | 2421.0  | 2546.2  | 2599.8  | 2692.8  | 2792.9  | 2678.5  | 2589.1  | 2489.0  | 2363.8  | 2306.6  |
| 47.5° | 2288.7  | 2374.5  | 2456.8  | 2599.8  | 2642.7  | 2689.2  | 2667.8  | 2524.7  | 2438.9  | 2303.0  | 2263.7  |
| 50°   | 2274.4  | 2306.6  | 2456.8  | 2535.5  | 2596.3  | 2642.7  | 2585.5  | 2478.2  | 2396.0  | 2256.5  | 2170.7  |
| 52.5° | 2217.2  | 2278.0  | 2374.5  | 2478.2  | 2553.3  | 2610.6  | 2517.6  | 2449.6  | 2338.8  | 2192.2  | 2138.5  |
| 55°   | 2145.7  | 2181.4  | 2353.1  | 2460.4  | 2499.7  | 2539.0  | 2503.3  | 2392.4  | 2278.0  | 2127.8  | 2074.1  |
| 57.5° | 2052.7  | 2134.9  | 2274.4  | 2424.6  | 2474.7  | 2496.1  | 2438.9  | 2349.5  | 2206.5  | 2074.1  | 1988.3  |
| 60°   | 1956.1  | 2042.0  | 2195.7  | 2317.3  | 2367.4  | 2446.1  | 2360.2  | 2306.6  | 2142.1  | 1995.5  | 1902.5  |
| 62.5° | 1859.6  | 1956.1  | 2070.6  | 2224.3  | 2267.2  | 2299.4  | 2278.0  | 2202.9  | 2070.6  | 1906.1  | 1791.6  |
| 65°   | 1745.1  | 1816.7  | 1959.7  | 2038.4  | 2067.0  | 2142.1  | 2067.0  | 2038.4  | 1920.4  | 1763.0  | 1666.5  |
| 67.5° | 1573.5  | 1634.3  | 1759.4  | 1834.5  | 1856.0  | 1888.2  | 1884.6  | 1852.4  | 1720.1  | 1612.8  | 1527.0  |
| 70°   | 1376.8  | 1430.4  | 1509.1  | 1598.5  | 1609.2  | 1648.6  | 1612.8  | 1605.7  | 1519.8  | 1373.2  | 1326.7  |
| 72.5° | 1105.0  | 1155.1  | 1258.8  | 1298.1  | 1301.7  | 1316.0  | 1298.1  | 1273.1  | 1251.6  | 1097.9  | 1051.4  |
| 75°   | 847.5   | 876.1   | 926.2   | 962.0   | 962.0   | 979.9   | 969.1   | 944.1   | 886.9   | 790.3   | 743.8   |
| 77.5° | 590.1   | 618.7   | 683.0   | 704.5   | 700.9   | 708.1   | 675.9   | 650.9   | 565.0   | 515.0   | 475.6   |
| 80°   | 429.1   | 447.0   | 479.2   | 493.5   | 497.1   | 507.8   | 468.5   | 447.0   | 396.9   | 339.7   | 321.8   |
| 82.5° | 311.1   | 321.8   | 325.4   | 343.3   | 343.3   | 325.4   | 314.7   | 293.2   | 257.5   | 221.7   | 207.4   |
| 85°   | 128.7   | 132.3   | 135.9   | 157.3   | 160.9   | 193.1   | 178.8   | 168.1   | 146.6   | 125.2   | 114.4   |
| 87.5° | 32.2    | 35.8    | 46.5    | 39.3    | 46.5    | 46.5    | 50.1    | 57.2    | 57.2    | 46.5    | 46.5    |
| 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: P531384

CATALOG NUMBER: GALN-SA6C-830-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 185°    | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 |
| 2.5°  | 9752.0  | 9780.6  | 10145.4 | 10191.9 | 10370.7 | 10553.1 | 10921.4 | 11186.1 | 11400.6 | 11540.1 | 11579.4 |
| 5°    | 8253.6  | 8436.0  | 8604.1  | 8875.9  | 9122.6  | 9473.1  | 9877.2  | 10377.9 | 11007.2 | 11329.1 | 11457.8 |
| 7.5°  | 6462.0  | 6676.6  | 6919.8  | 7184.4  | 7545.6  | 8175.0  | 8715.0  | 9294.3  | 10098.9 | 10431.5 | 10935.7 |
| 10°   | 5274.8  | 5514.4  | 5836.2  | 6040.0  | 6476.3  | 7077.1  | 7706.5  | 8375.2  | 9144.1  | 9623.3  | 10206.2 |
| 12.5° | 4663.2  | 4859.9  | 5156.7  | 5585.9  | 5911.3  | 6301.1  | 6769.6  | 7613.5  | 8715.0  | 9169.1  | 9569.7  |
| 15°   | 3987.4  | 4205.5  | 4548.8  | 5024.4  | 5414.2  | 5879.1  | 6404.8  | 7323.9  | 8496.8  | 9197.7  | 9537.5  |
| 17.5° | 3429.5  | 3586.8  | 3948.0  | 4359.3  | 4806.3  | 5314.1  | 6068.6  | 7309.6  | 8725.7  | 9623.3  | 10177.6 |
| 20°   | 3043.3  | 3064.7  | 3261.4  | 3611.9  | 4219.8  | 4881.4  | 5861.2  | 7238.0  | 9458.8  | 10356.4 | 11057.3 |
| 22.5° | 2800.1  | 2778.6  | 2782.2  | 3079.0  | 3504.6  | 4455.8  | 5535.8  | 7481.2  | 10292.0 | 11522.2 | 11994.3 |
| 25°   | 2678.5  | 2621.3  | 2585.5  | 2649.9  | 3036.1  | 3951.6  | 5289.1  | 7803.1  | 11189.6 | 12484.2 | 13063.5 |
| 27.5° | 2614.1  | 2514.0  | 2442.5  | 2453.2  | 2735.7  | 3697.7  | 5135.3  | 7942.5  | 12080.1 | 13825.2 | 14029.1 |
| 30°   | 2589.1  | 2463.9  | 2360.2  | 2324.5  | 2510.4  | 3343.7  | 4806.3  | 8182.1  | 12877.5 | 14561.9 | 14737.1 |
| 32.5° | 2499.7  | 2345.9  | 2245.8  | 2213.6  | 2288.7  | 3032.5  | 4570.3  | 8353.8  | 13582.0 | 15362.9 | 15302.1 |
| 35°   | 2396.0  | 2267.2  | 2142.1  | 2081.3  | 2134.9  | 2832.3  | 4380.7  | 8271.5  | 14411.7 | 15985.2 | 15953.0 |
| 37.5° | 2385.3  | 2217.2  | 2113.5  | 2013.3  | 2009.8  | 2585.5  | 4123.2  | 8350.2  | 14941.0 | 17100.9 | 16661.1 |
| 40°   | 2292.3  | 2185.0  | 2049.1  | 1966.9  | 1920.4  | 2460.4  | 3872.9  | 8164.2  | 15717.0 | 17551.5 | 17118.8 |
| 42.5° | 2295.9  | 2134.9  | 2016.9  | 1920.4  | 1873.9  | 2278.0  | 3701.3  | 8114.2  | 15988.8 | 18284.6 | 17333.4 |
| 45°   | 2238.6  | 2081.3  | 1981.2  | 1866.7  | 1841.7  | 2138.5  | 3536.8  | 7881.7  | 16468.0 | 18320.4 | 17065.2 |
| 47.5° | 2181.4  | 2042.0  | 1934.7  | 1798.8  | 1741.6  | 2088.4  | 3408.0  | 7688.6  | 16217.6 | 17984.2 | 16693.3 |
| 50°   | 2142.1  | 1981.2  | 1881.0  | 1784.5  | 1623.6  | 2002.6  | 3239.9  | 7642.1  | 15867.2 | 17530.1 | 16003.1 |
| 52.5° | 2074.1  | 1931.1  | 1827.4  | 1752.3  | 1494.8  | 1923.9  | 3175.6  | 7913.9  | 16296.3 | 17190.3 | 15802.8 |
| 55°   | 2009.8  | 1863.1  | 1730.8  | 1584.2  | 1387.5  | 1716.5  | 2996.8  | 8167.8  | 16922.1 | 17973.5 | 16711.1 |
| 57.5° | 1941.8  | 1802.4  | 1659.3  | 1484.1  | 1283.8  | 1502.0  | 2810.8  | 8214.3  | 15749.2 | 16611.0 | 15863.6 |
| 60°   | 1852.4  | 1673.6  | 1566.3  | 1337.5  | 1173.0  | 1244.5  | 2227.9  | 7241.6  | 12216.0 | 13871.7 | 13896.7 |
| 62.5° | 1752.3  | 1559.2  | 1466.2  | 1198.0  | 1058.5  | 1072.8  | 1816.7  | 6086.5  | 9909.4  | 11482.9 | 12165.9 |
| 65°   | 1620.0  | 1434.0  | 1323.2  | 1108.6  | 976.3   | 929.8   | 1330.3  | 4459.4  | 7527.7  | 9315.7  | 10091.8 |
| 67.5° | 1448.3  | 1273.1  | 1133.6  | 965.5   | 872.6   | 797.5   | 908.3   | 2510.4  | 4445.1  | 6254.6  | 6490.6  |
| 70°   | 1265.9  | 1115.7  | 969.1   | 829.7   | 725.9   | 672.3   | 665.2   | 1112.2  | 2124.2  | 3365.1  | 3830.0  |
| 72.5° | 997.7   | 890.4   | 772.4   | 668.7   | 600.8   | 522.1   | 475.6   | 461.3   | 718.8   | 1369.6  | 1891.8  |
| 75°   | 715.2   | 625.8   | 557.9   | 489.9   | 439.9   | 396.9   | 361.2   | 329.0   | 300.4   | 343.3   | 472.0   |
| 77.5° | 450.6   | 418.4   | 364.8   | 346.9   | 318.3   | 307.5   | 293.2   | 275.4   | 253.9   | 239.6   | 239.6   |
| 80°   | 304.0   | 282.5   | 264.6   | 261.1   | 250.3   | 246.8   | 250.3   | 232.4   | 211.0   | 193.1   | 200.3   |
| 82.5° | 203.8   | 200.3   | 196.7   | 193.1   | 196.7   | 200.3   | 207.4   | 203.8   | 186.0   | 175.2   | 178.8   |
| 85°   | 121.6   | 128.7   | 135.9   | 143.0   | 157.3   | 139.5   | 114.4   | 96.6    | 85.8    | 78.7    | 75.1    |
| 87.5° | 46.5    | 64.4    | 57.2    | 53.6    | 57.2    | 53.6    | 50.1    | 46.5    | 39.3    | 35.8    | 35.8    |
| 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: P531384

CATALOG NUMBER: GALN-SA6C-830-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 | 10950.0 |
| 2.5°  | 11840.5 | 11912.0 | 11972.8 | 11958.5 | 11833.3 | 11665.2 | 11597.3 | 11250.4 | 11178.9 | 11132.4 |
| 5°    | 12001.4 | 12416.2 | 12505.6 | 12452.0 | 12126.6 | 11715.3 | 11314.8 | 10807.0 | 10510.2 | 10499.4 |
| 7.5°  | 11704.6 | 12216.0 | 12376.9 | 12498.5 | 12065.8 | 11350.6 | 10663.9 | 9902.2  | 9716.3  | 9730.6  |
| 10°   | 10950.0 | 11765.4 | 12162.3 | 12287.5 | 11790.4 | 11171.7 | 10220.5 | 9448.1  | 9051.1  | 9044.0  |
| 12.5° | 10531.6 | 11171.7 | 11282.6 | 11457.8 | 11311.2 | 10685.4 | 9963.0  | 9097.6  | 8711.4  | 8704.2  |
| 15°   | 10159.7 | 10581.7 | 10613.9 | 10860.6 | 10939.3 | 10517.3 | 10031.0 | 9108.3  | 8797.2  | 8765.0  |
| 17.5° | 10485.1 | 10191.9 | 10070.3 | 10102.5 | 10334.9 | 10488.7 | 10424.3 | 9716.3  | 9398.0  | 9219.2  |
| 20°   | 10703.3 | 10048.9 | 9680.5  | 9716.3  | 9991.6  | 10553.1 | 11010.8 | 10596.0 | 10091.8 | 10113.2 |
| 22.5° | 11286.2 | 10070.3 | 9494.6  | 9455.2  | 9891.5  | 10889.2 | 11672.4 | 11708.2 | 11221.8 | 11103.8 |
| 25°   | 12158.8 | 10317.1 | 9437.3  | 9426.6  | 9845.0  | 11250.4 | 12444.8 | 13024.2 | 12527.1 | 12308.9 |
| 27.5° | 12859.7 | 10703.3 | 9616.1  | 9651.9  | 9991.6  | 11543.7 | 13102.8 | 13871.7 | 13492.6 | 13224.4 |
| 30°   | 13474.8 | 11103.8 | 9866.5  | 9702.0  | 10385.0 | 11697.4 | 13385.4 | 14837.3 | 14533.3 | 14311.6 |
| 32.5° | 13728.7 | 11672.4 | 10263.4 | 9991.6  | 10710.4 | 11883.4 | 13971.8 | 15774.2 | 15513.1 | 14966.0 |
| 35°   | 14157.8 | 11990.7 | 10478.0 | 10456.5 | 11279.0 | 12330.4 | 14247.2 | 16392.9 | 16285.6 | 15799.2 |
| 37.5° | 14501.1 | 12312.5 | 11239.7 | 11003.7 | 12058.6 | 13081.4 | 14690.6 | 17247.5 | 17000.8 | 16771.9 |
| 40°   | 14765.7 | 12888.3 | 11951.3 | 12262.5 | 13017.0 | 13764.4 | 15098.3 | 17301.2 | 18012.8 | 17347.7 |
| 42.5° | 14522.6 | 13403.2 | 13120.7 | 13864.6 | 14579.8 | 14544.0 | 15144.8 | 17716.0 | 18248.9 | 17902.0 |
| 45°   | 14461.8 | 14275.8 | 14969.6 | 15645.5 | 15810.0 | 15191.3 | 14812.2 | 17258.3 | 18177.3 | 18023.6 |
| 47.5° | 14315.1 | 15134.1 | 16342.8 | 17444.2 | 17193.9 | 15624.0 | 14415.3 | 17176.0 | 18220.2 | 17944.9 |
| 50°   | 14265.1 | 15320.0 | 17358.4 | 18431.2 | 18281.0 | 15999.5 | 14229.3 | 16646.8 | 17916.3 | 17891.2 |
| 52.5° | 14261.5 | 15702.7 | 17780.4 | 18967.7 | 19060.6 | 16593.1 | 14483.2 | 16915.0 | 18152.3 | 18363.3 |
| 55°   | 14422.4 | 15581.1 | 17726.7 | 18670.8 | 18635.1 | 16328.5 | 14511.8 | 17093.8 | 18442.0 | 18649.4 |
| 57.5° | 13603.5 | 13957.5 | 14629.8 | 15377.2 | 15184.1 | 13524.8 | 12959.8 | 15802.8 | 16925.7 | 16775.5 |
| 60°   | 11747.5 | 10638.9 | 9880.8  | 9845.0  | 9469.5  | 8951.0  | 10606.7 | 14104.2 | 14104.2 | 13957.5 |
| 62.5° | 10288.4 | 6984.1  | 6000.7  | 5721.8  | 5990.0  | 6587.2  | 10231.2 | 13717.9 | 13328.1 | 13160.1 |
| 65°   | 8997.5  | 5332.0  | 4337.8  | 4259.1  | 4724.0  | 5625.2  | 9251.4  | 11686.7 | 11000.1 | 10442.2 |
| 67.5° | 5789.7  | 3905.1  | 3225.6  | 3086.2  | 3647.6  | 4130.4  | 6158.1  | 7188.0  | 6755.3  | 6537.1  |
| 70°   | 3733.5  | 2542.6  | 1795.2  | 1684.3  | 1902.5  | 2546.2  | 3933.7  | 4191.2  | 3561.8  | 3415.2  |
| 72.5° | 1766.6  | 1097.9  | 629.4   | 518.5   | 582.9   | 972.7   | 1555.6  | 1673.6  | 1391.1  | 1273.1  |
| 75°   | 561.4   | 404.1   | 257.5   | 221.7   | 211.0   | 250.3   | 357.6   | 275.4   | 200.3   | 196.7   |
| 77.5° | 250.3   | 239.6   | 203.8   | 171.7   | 150.2   | 125.2   | 103.7   | 85.8    | 89.4    | 93.0    |
| 80°   | 207.4   | 189.5   | 168.1   | 150.2   | 125.2   | 96.6    | 75.1    | 57.2    | 57.2    | 60.8    |
| 82.5° | 182.4   | 164.5   | 146.6   | 125.2   | 107.3   | 78.7    | 57.2    | 39.3    | 35.8    | 35.8    |
| 85°   | 78.7    | 93.0    | 100.1   | 107.3   | 85.8    | 64.4    | 39.3    | 25.0    | 21.5    | 21.5    |
| 87.5° | 32.2    | 28.6    | 25.0    | 21.5    | 17.9    | 17.9    | 14.3    | 10.7    | 7.2     | 7.2     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)