

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: STREETWORKS

Report Number: P382834

Luminaire Tested: **GAN-SA2A-735-U-SLL-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P382834  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAN-SA2A-735-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6586.1 lumens  
Efficiency: N/A  
Efficacy: 99.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U0 - G2

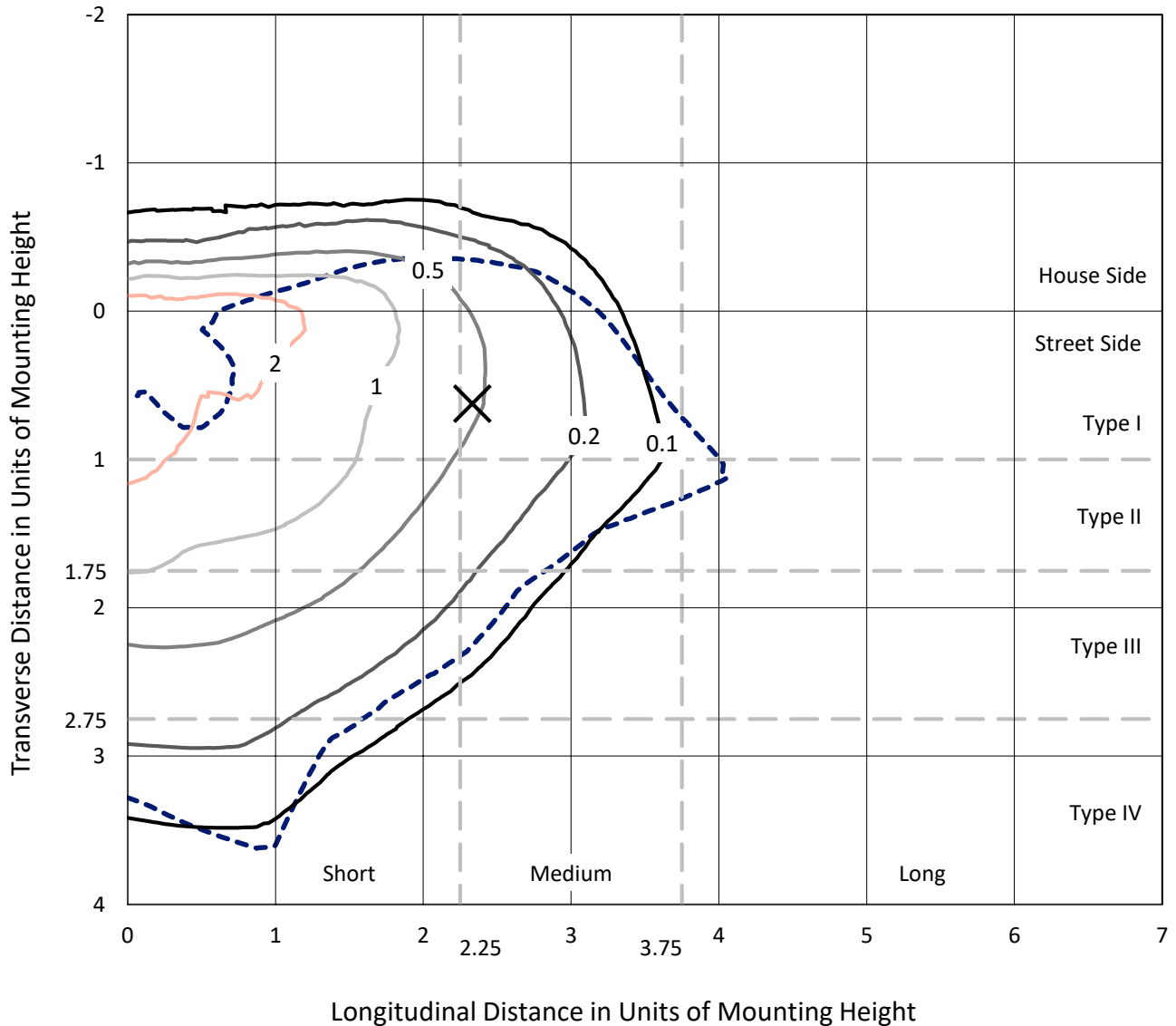
Input Watts (W): 66  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P382834  
 CATALOG NUMBER: GAN-SA2A-735-U-SLL-HSS

### Iso-Footcandle Lines of Horizontal Illumination

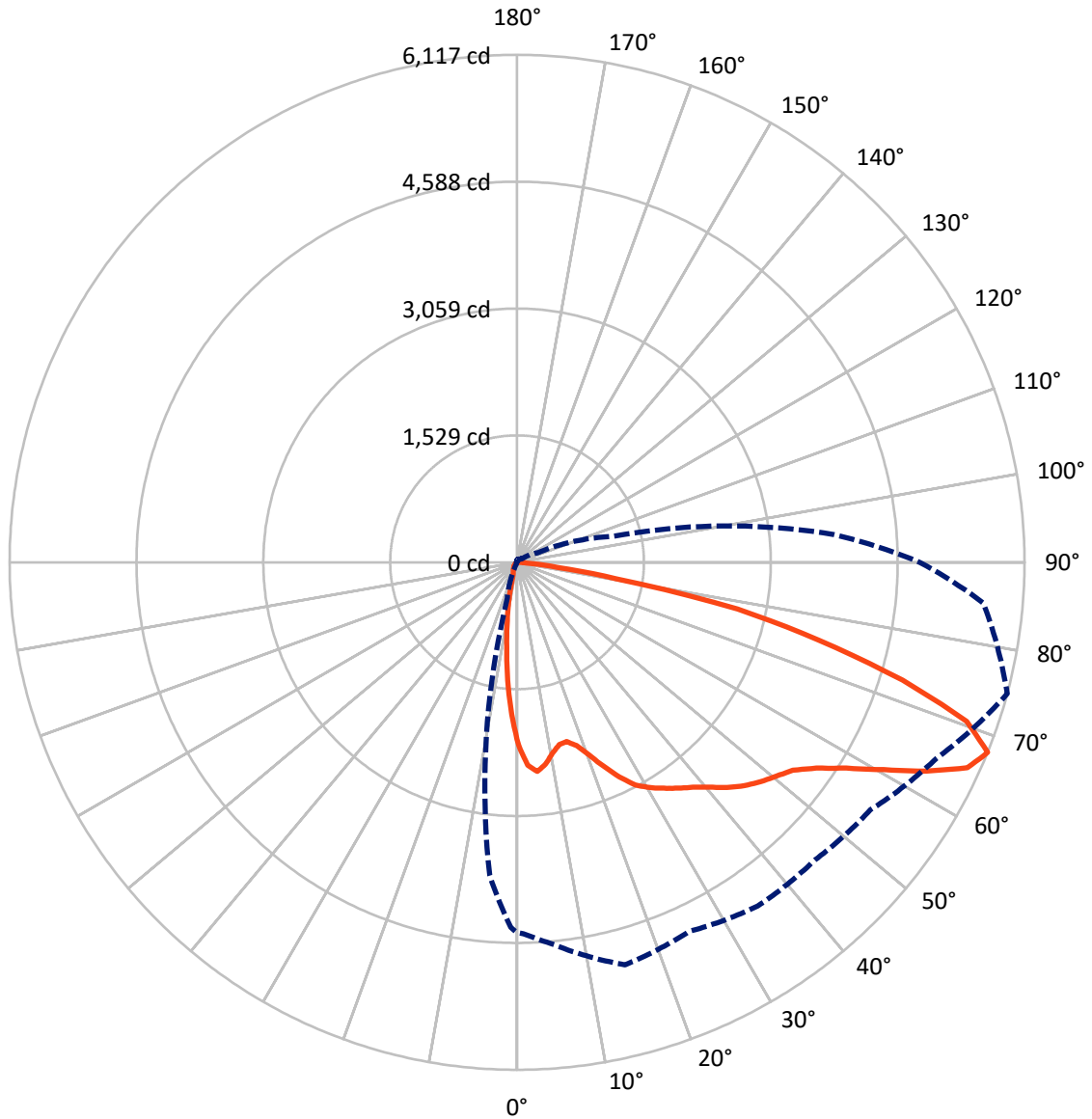
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.6 fc  
 Type III - Medium - N/A

REPORT NUMBER: P382834  
CATALOG NUMBER: GAN-SA2A-735-U-SLL-HSS

### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P382834  
 CATALOG NUMBER: GAN-SA2A-735-U-SLL-HSS

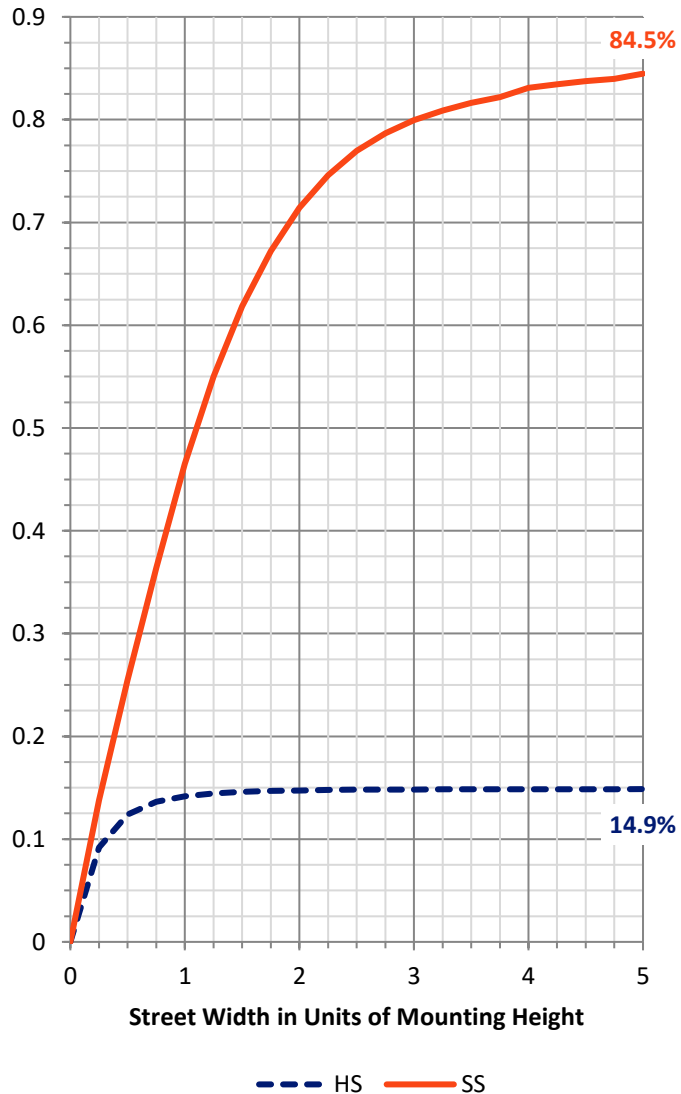
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 988.3    | 0.0    | 988.3  |
|                    | % Fixture | 15.0     | 0.0    | 15.0   |
| <b>Street Side</b> | Lumens    | 5597.7   | 0.0    | 5597.7 |
|                    | % Fixture | 85.0     | 0.0    | 85.0   |
| <b>Total</b>       | Lumens    | 6586.1   | 0.0    | 6586.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 167.6  | 2.5       |
| 10°-20°   | 330.0  | 5.0       |
| 20°-30°   | 466.9  | 7.1       |
| 30°-40°   | 686.4  | 10.4      |
| 40°-50°   | 986.6  | 15.0      |
| 50°-60°   | 1388.9 | 21.1      |
| 60°-70°   | 1622.1 | 24.6      |
| 70°-80°   | 827.6  | 12.6      |
| 80°-90°   | 109.9  | 1.7       |
| 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°    | 6586.1 | 100.0     |
| 0°-180°   | 6586.1 | 100.0     |

**Coefficient of Utilization**

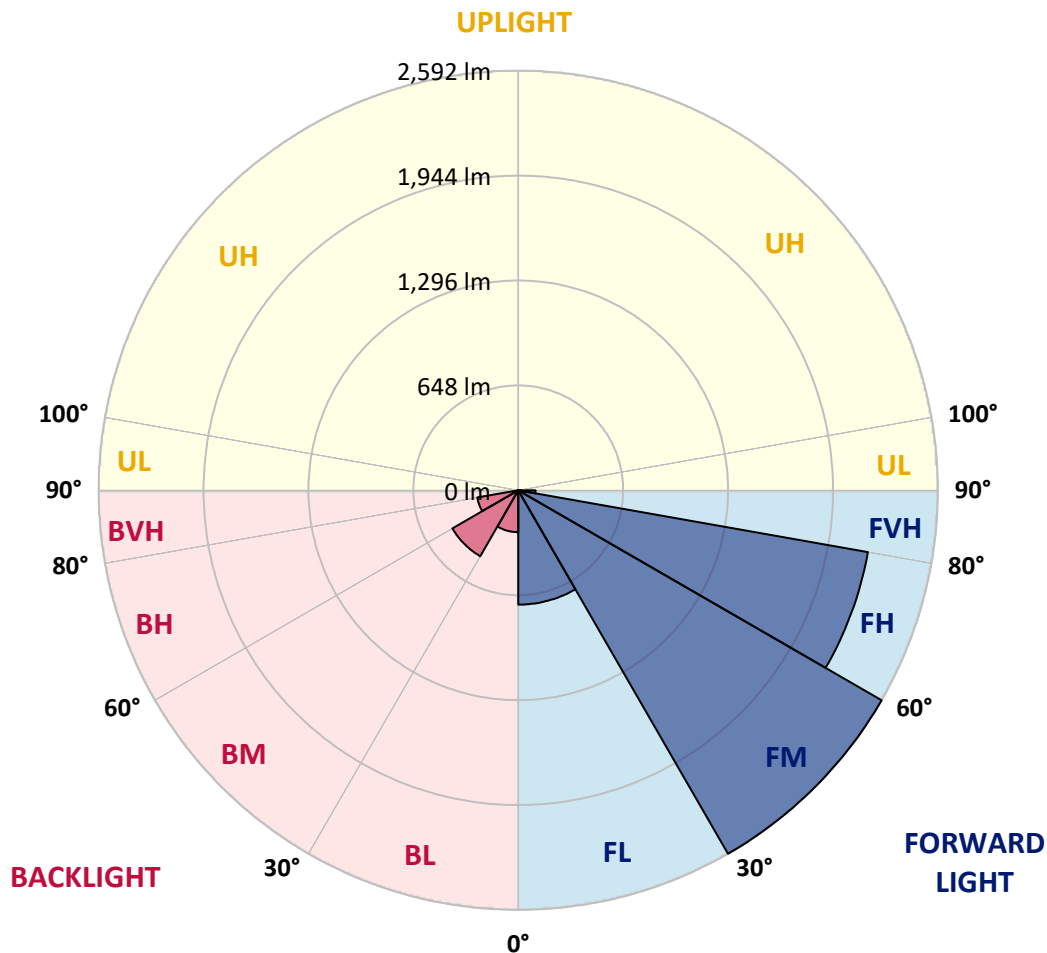


REPORT NUMBER: P382834  
 CATALOG NUMBER: GAN-SA2A-735-U-SLL-HSS

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 706.0  | 10.7      |                         |      |         |
| FM (30°-60°)   | 2592.1 | 39.4      |                         |      |         |
| FH (60°-80°)   | 2193.0 | 33.3      |                         |      | G2/5000 |
| FVH (80°-90°)  | 106.6  | 1.6       |                         |      | G2/225  |
| BL (0°-30°)    | 258.5  | 3.9       | B1/500                  |      |         |
| BM (30°-60°)   | 469.8  | 7.1       | B1/1000                 |      |         |
| BH (60°-80°)   | 256.7  | 3.9       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 3.3    | 0.1       |                         |      | G0/10   |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**  
 Type III Medium





REPORT NUMBER: P382834  
 CATALOG NUMBER: GAN-SA2A-735-U-SLL-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 |
| 2.5°  | 2395.1 | 2398.9 | 2418.2 | 2463.1 | 2512.1 | 2515.9 | 2549.0 | 2514.9 | 2503.4 | 2448.5 | 2391.7 |
| 5°    | 2413.3 | 2427.6 | 2494.0 | 2626.0 | 2740.5 | 2777.3 | 2803.5 | 2736.8 | 2666.6 | 2532.4 | 2389.2 |
| 7.5°  | 2267.6 | 2291.5 | 2396.0 | 2643.8 | 2848.5 | 2938.9 | 2956.1 | 2851.6 | 2679.7 | 2458.8 | 2243.5 |
| 10°   | 2081.0 | 2108.5 | 2234.5 | 2538.9 | 2820.1 | 2975.1 | 2998.8 | 2861.9 | 2614.8 | 2339.6 | 2085.9 |
| 12.5° | 1930.0 | 1962.1 | 2091.0 | 2421.0 | 2722.4 | 2894.0 | 2940.8 | 2827.2 | 2558.6 | 2255.1 | 1978.3 |
| 15°   | 1860.4 | 1897.2 | 2032.6 | 2344.9 | 2614.1 | 2749.3 | 2787.9 | 2738.9 | 2527.4 | 2241.7 | 1953.4 |
| 17.5° | 1900.4 | 1940.2 | 2080.1 | 2351.5 | 2512.5 | 2570.1 | 2601.3 | 2621.4 | 2527.4 | 2322.4 | 2026.4 |
| 20°   | 2064.1 | 2107.2 | 2255.1 | 2417.9 | 2428.2 | 2406.7 | 2440.1 | 2510.2 | 2556.7 | 2476.0 | 2201.7 |
| 22.5° | 2290.6 | 2341.2 | 2508.1 | 2531.8 | 2387.0 | 2305.6 | 2310.0 | 2420.1 | 2610.1 | 2670.7 | 2445.0 |
| 25°   | 2566.7 | 2628.5 | 2798.2 | 2701.5 | 2404.2 | 2245.4 | 2243.8 | 2345.8 | 2662.2 | 2865.6 | 2716.2 |
| 27.5° | 2840.9 | 2908.9 | 3058.1 | 2908.7 | 2475.0 | 2234.5 | 2231.3 | 2323.4 | 2713.0 | 3039.1 | 3012.3 |
| 30°   | 3070.9 | 3137.1 | 3265.5 | 3058.7 | 2551.4 | 2260.0 | 2245.0 | 2347.4 | 2743.3 | 3151.7 | 3228.2 |
| 32.5° | 3258.1 | 3311.1 | 3415.1 | 3162.0 | 2633.2 | 2309.7 | 2277.2 | 2411.7 | 2794.8 | 3246.9 | 3426.6 |
| 35°   | 3464.1 | 3519.9 | 3561.3 | 3260.3 | 2724.9 | 2381.1 | 2334.6 | 2513.7 | 2874.0 | 3343.6 | 3644.0 |
| 37.5° | 3698.9 | 3754.5 | 3749.5 | 3350.1 | 2841.3 | 2499.3 | 2469.7 | 2675.3 | 2997.3 | 3439.4 | 3886.8 |
| 40°   | 3928.9 | 3985.6 | 3945.1 | 3448.4 | 2978.0 | 2694.3 | 2672.5 | 2918.1 | 3162.3 | 3562.0 | 4171.3 |
| 42.5° | 4144.2 | 4205.6 | 4118.8 | 3541.4 | 3140.8 | 2940.2 | 2977.6 | 3230.6 | 3368.8 | 3713.0 | 4416.5 |
| 45°   | 4317.6 | 4380.3 | 4264.5 | 3631.8 | 3312.4 | 3238.4 | 3351.1 | 3577.0 | 3617.2 | 3840.6 | 4582.2 |
| 47.5° | 4443.7 | 4502.9 | 4365.7 | 3722.4 | 3532.1 | 3603.1 | 3799.4 | 3940.1 | 3841.5 | 3951.3 | 4699.8 |
| 50°   | 4524.2 | 4570.4 | 4395.3 | 3835.6 | 3820.3 | 4028.8 | 4266.5 | 4335.0 | 4052.7 | 4051.2 | 4842.7 |
| 52.5° | 4575.3 | 4596.3 | 4417.1 | 3953.9 | 4121.1 | 4492.0 | 4723.8 | 4745.3 | 4270.2 | 4161.0 | 5035.2 |
| 55°   | 4751.5 | 4768.4 | 4571.8 | 4097.0 | 4369.7 | 4897.9 | 5137.5 | 5117.5 | 4516.3 | 4375.9 | 5262.3 |
| 57.5° | 5052.3 | 5070.1 | 4891.6 | 4302.9 | 4570.9 | 5148.8 | 5437.4 | 5473.2 | 4804.9 | 4678.0 | 5505.6 |
| 60°   | 5203.3 | 5236.4 | 5172.8 | 4563.7 | 4766.0 | 5309.1 | 5641.7 | 5756.2 | 5165.6 | 5076.1 | 5741.5 |
| 62.5° | 5066.4 | 5114.5 | 5206.8 | 4853.0 | 4959.7 | 5397.4 | 5705.4 | 5857.6 | 5535.0 | 5540.0 | 5886.9 |
| 65°   | 4793.1 | 4831.5 | 4988.1 | 5011.4 | 5072.0 | 5386.5 | 5548.1 | 5716.0 | 5761.2 | 5966.2 | 5879.1 |
| 67.5° | 4463.0 | 4477.4 | 4610.2 | 5023.9 | 4909.2 | 5058.3 | 5075.7 | 5199.9 | 5582.4 | 6117.2 | 5642.9 |
| 70°   | 3987.9 | 3995.6 | 4111.7 | 4606.2 | 4218.7 | 4251.5 | 4225.6 | 4250.8 | 4799.3 | 5749.3 | 5046.8 |
| 72.5° | 3209.5 | 3229.1 | 3394.1 | 3825.3 | 3073.4 | 2978.9 | 3182.3 | 3171.1 | 3696.1 | 4857.4 | 3748.3 |
| 75°   | 2363.0 | 2397.0 | 2646.2 | 3081.2 | 2157.1 | 1951.2 | 2099.7 | 2139.3 | 2627.5 | 3757.3 | 2344.0 |
| 77.5° | 1654.5 | 1679.8 | 1921.2 | 2265.1 | 1561.2 | 1395.2 | 1341.5 | 1388.7 | 1734.4 | 2718.1 | 1180.9 |
| 80°   | 953.2  | 962.5  | 1116.6 | 1307.9 | 1052.0 | 1203.7 | 1090.4 | 1122.9 | 1039.2 | 1209.2 | 507.9  |
| 82.5° | 623.7  | 625.3  | 685.4  | 778.4  | 655.2  | 761.3  | 563.5  | 720.4  | 639.2  | 485.8  | 165.3  |
| 85°   | 336.9  | 338.8  | 397.5  | 552.5  | 370.9  | 209.7  | 123.2  | 253.0  | 395.3  | 111.4  | 45.3   |
| 87.5° | 37.2   | 34.0   | 119.8  | 200.9  | 102.9  | 19.0   | 6.5    | 28.4   | 63.3   | 7.2    | 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: P382834

CATALOG NUMBER: GAN-SA2A-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 |
| 2.5°  | 2362.7 | 2336.8 | 2272.2 | 2203.9 | 2149.0 | 2097.5 | 2045.7 | 1982.3 | 1933.4 | 1923.4 | 1907.2 |
| 5°    | 2312.2 | 2230.1 | 2094.7 | 1958.7 | 1849.1 | 1711.0 | 1623.3 | 1554.9 | 1488.1 | 1484.1 | 1470.7 |
| 7.5°  | 2135.6 | 2027.6 | 1837.0 | 1648.8 | 1494.8 | 1363.0 | 1230.2 | 1141.2 | 1071.4 | 1046.7 | 1032.1 |
| 10°   | 1965.8 | 1844.5 | 1606.5 | 1391.8 | 1254.2 | 1137.8 | 1044.3 | 951.3  | 867.0  | 809.0  | 782.8  |
| 12.5° | 1847.3 | 1713.1 | 1450.8 | 1265.7 | 1167.1 | 1056.7 | 942.5  | 826.5  | 729.4  | 659.5  | 616.8  |
| 15°   | 1801.4 | 1658.2 | 1398.6 | 1215.9 | 1094.1 | 954.4  | 808.4  | 675.7  | 568.2  | 504.8  | 466.4  |
| 17.5° | 1856.0 | 1689.5 | 1394.6 | 1155.0 | 984.9  | 811.2  | 649.8  | 493.3  | 391.9  | 343.8  | 319.1  |
| 20°   | 1994.5 | 1788.7 | 1393.0 | 1080.4 | 855.2  | 641.5  | 440.2  | 324.5  | 263.0  | 236.1  | 224.6  |
| 22.5° | 2190.4 | 1915.3 | 1405.5 | 1006.8 | 720.1  | 458.3  | 303.9  | 238.4  | 206.8  | 192.5  | 185.9  |
| 25°   | 2442.5 | 2093.1 | 1440.7 | 940.0  | 593.1  | 342.0  | 236.8  | 199.6  | 177.6  | 166.3  | 161.6  |
| 27.5° | 2711.2 | 2297.8 | 1495.7 | 882.0  | 489.8  | 272.7  | 202.8  | 170.9  | 155.1  | 147.3  | 142.9  |
| 30°   | 2932.7 | 2534.9 | 1551.2 | 817.4  | 414.9  | 237.7  | 185.7  | 156.0  | 137.6  | 132.6  | 128.6  |
| 32.5° | 3126.5 | 2714.3 | 1590.5 | 759.0  | 366.0  | 211.2  | 167.9  | 139.5  | 127.0  | 117.3  | 112.9  |
| 35°   | 3327.0 | 2863.8 | 1589.3 | 718.2  | 332.3  | 191.2  | 152.9  | 124.8  | 109.8  | 98.6   | 95.1   |
| 37.5° | 3544.2 | 3032.6 | 1562.1 | 683.3  | 317.6  | 175.3  | 144.5  | 117.0  | 102.0  | 90.8   | 86.4   |
| 40°   | 3798.5 | 3209.7 | 1534.4 | 650.5  | 313.6  | 162.6  | 138.5  | 110.8  | 94.8   | 83.9   | 79.6   |
| 42.5° | 4046.2 | 3369.5 | 1510.0 | 626.2  | 296.0  | 162.3  | 133.2  | 106.1  | 89.2   | 78.6   | 73.6   |
| 45°   | 4244.3 | 3518.3 | 1505.4 | 611.5  | 277.7  | 167.9  | 130.4  | 102.9  | 84.9   | 74.2   | 69.6   |
| 47.5° | 4409.0 | 3679.9 | 1535.3 | 601.2  | 260.2  | 153.1  | 137.3  | 100.8  | 80.8   | 70.5   | 65.2   |
| 50°   | 4604.9 | 3878.3 | 1605.8 | 584.4  | 241.8  | 137.9  | 157.2  | 101.4  | 77.4   | 66.8   | 61.1   |
| 52.5° | 4878.2 | 4152.8 | 1709.4 | 555.9  | 216.5  | 123.9  | 154.7  | 102.0  | 73.6   | 62.7   | 57.1   |
| 55°   | 5184.6 | 4495.7 | 1820.8 | 508.8  | 181.3  | 105.5  | 132.6  | 97.6   | 66.4   | 58.3   | 53.0   |
| 57.5° | 5506.6 | 4806.8 | 1886.9 | 452.7  | 144.1  | 91.1   | 106.1  | 89.0   | 58.7   | 52.4   | 49.0   |
| 60°   | 5557.1 | 4925.1 | 1856.7 | 383.7  | 114.5  | 79.3   | 78.6   | 90.5   | 52.4   | 46.2   | 43.7   |
| 62.5° | 5431.4 | 4776.5 | 1710.3 | 322.3  | 95.8   | 69.6   | 64.6   | 78.9   | 47.4   | 41.2   | 38.7   |
| 65°   | 5189.7 | 4375.0 | 1473.2 | 290.5  | 89.0   | 59.6   | 53.7   | 55.5   | 41.5   | 35.9   | 33.7   |
| 67.5° | 4853.3 | 3839.0 | 1209.6 | 272.4  | 87.9   | 51.1   | 45.8   | 42.1   | 35.9   | 31.2   | 29.3   |
| 70°   | 4165.7 | 3198.2 | 965.0  | 262.4  | 85.5   | 43.0   | 38.7   | 34.3   | 30.0   | 26.5   | 25.0   |
| 72.5° | 3065.9 | 2266.3 | 750.6  | 251.4  | 86.1   | 34.3   | 33.7   | 28.4   | 24.0   | 20.6   | 19.9   |
| 75°   | 1771.4 | 1294.8 | 492.3  | 203.7  | 82.1   | 26.5   | 28.0   | 19.9   | 16.9   | 14.3   | 14.3   |
| 77.5° | 944.1  | 789.7  | 187.5  | 84.9   | 30.0   | 16.9   | 15.9   | 11.8   | 10.6   | 8.8    | 8.4    |
| 80°   | 411.6  | 347.6  | 56.5   | 23.8   | 16.6   | 9.0    | 6.0    | 5.3    | 4.7    | 3.7    | 3.4    |
| 82.5° | 145.7  | 125.8  | 18.4   | 11.6   | 7.2    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 33.1   | 23.8   | 0.0    | 2.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 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    | 0.0    |





REPORT NUMBER: P382834  
 CATALOG NUMBER: GAN-SA2A-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 |
| 2.5°  | 1874.1 | 1867.3 | 1826.7 | 1828.3 | 1835.4 | 1845.8 | 1821.4 | 1832.6 | 1862.9 | 1891.9 | 1902.8 |
| 5°    | 1449.2 | 1450.8 | 1426.1 | 1441.4 | 1455.1 | 1464.5 | 1425.2 | 1425.8 | 1449.8 | 1482.6 | 1499.7 |
| 7.5°  | 1021.2 | 1018.6 | 1019.9 | 1056.4 | 1082.3 | 1063.5 | 1078.3 | 1027.4 | 1030.5 | 1053.9 | 1036.4 |
| 10°   | 759.0  | 724.7  | 705.4  | 732.8  | 761.3  | 750.9  | 725.7  | 709.2  | 720.7  | 746.6  | 744.7  |
| 12.5° | 596.6  | 547.2  | 518.2  | 498.6  | 521.9  | 502.6  | 502.0  | 487.7  | 472.0  | 474.8  | 516.4  |
| 15°   | 448.6  | 412.8  | 378.5  | 346.9  | 346.3  | 339.7  | 306.4  | 268.9  | 265.8  | 267.7  | 289.2  |
| 17.5° | 308.5  | 296.4  | 282.4  | 255.2  | 248.1  | 220.6  | 188.2  | 173.2  | 165.6  | 169.1  | 176.2  |
| 20°   | 216.9  | 212.1  | 213.7  | 199.1  | 188.7  | 162.6  | 143.6  | 137.6  | 136.4  | 139.7  | 143.2  |
| 22.5° | 179.7  | 171.3  | 170.4  | 163.8  | 153.5  | 134.4  | 124.2  | 120.7  | 119.1  | 122.3  | 124.8  |
| 25°   | 157.2  | 148.9  | 145.4  | 141.3  | 130.4  | 117.3  | 111.0  | 108.0  | 106.4  | 108.2  | 109.8  |
| 27.5° | 138.5  | 130.7  | 127.6  | 124.8  | 114.2  | 104.8  | 99.9   | 97.1   | 95.8   | 96.4   | 98.0   |
| 30°   | 124.5  | 117.7  | 113.6  | 110.1  | 101.1  | 94.6   | 90.2   | 87.4   | 86.1   | 86.1   | 87.7   |
| 32.5° | 109.8  | 106.1  | 102.4  | 98.0   | 89.5   | 85.1   | 80.8   | 77.7   | 76.5   | 76.8   | 78.0   |
| 35°   | 91.4   | 90.2   | 91.1   | 87.0   | 79.8   | 76.1   | 71.7   | 68.3   | 67.4   | 67.7   | 68.9   |
| 37.5° | 81.1   | 75.5   | 78.9   | 76.8   | 72.7   | 67.7   | 62.0   | 59.0   | 57.4   | 58.3   | 59.0   |
| 40°   | 74.5   | 67.7   | 65.2   | 67.4   | 66.8   | 58.7   | 53.7   | 50.6   | 49.3   | 49.7   | 50.2   |
| 42.5° | 68.9   | 60.8   | 55.2   | 54.9   | 58.7   | 51.1   | 45.8   | 43.0   | 41.5   | 41.5   | 42.1   |
| 45°   | 63.6   | 54.9   | 48.1   | 42.8   | 49.3   | 43.4   | 38.4   | 35.9   | 34.0   | 34.0   | 34.3   |
| 47.5° | 59.6   | 49.9   | 41.8   | 34.9   | 37.2   | 35.6   | 31.5   | 29.0   | 27.1   | 27.1   | 27.5   |
| 50°   | 55.8   | 44.9   | 36.2   | 29.3   | 27.8   | 29.3   | 25.6   | 22.7   | 21.5   | 21.2   | 21.8   |
| 52.5° | 51.8   | 40.0   | 30.9   | 25.0   | 21.8   | 22.2   | 19.9   | 18.1   | 16.6   | 16.6   | 17.1   |
| 55°   | 47.7   | 35.9   | 26.8   | 21.2   | 18.1   | 16.6   | 15.9   | 14.6   | 13.4   | 13.4   | 14.1   |
| 57.5° | 43.7   | 31.5   | 22.7   | 17.5   | 14.3   | 13.1   | 13.1   | 12.2   | 11.3   | 11.3   | 11.8   |
| 60°   | 40.0   | 27.1   | 18.7   | 14.3   | 11.3   | 10.9   | 11.3   | 10.3   | 9.7    | 9.7    | 10.3   |
| 62.5° | 35.6   | 23.1   | 15.3   | 11.8   | 9.0    | 8.8    | 9.7    | 9.0    | 8.4    | 8.4    | 9.0    |
| 65°   | 30.3   | 19.7   | 12.2   | 9.0    | 6.9    | 6.9    | 8.1    | 7.5    | 6.9    | 6.9    | 7.5    |
| 67.5° | 25.6   | 16.6   | 9.3    | 6.5    | 5.0    | 5.3    | 6.9    | 6.2    | 6.0    | 6.0    | 6.5    |
| 70°   | 21.2   | 12.8   | 6.5    | 4.1    | 2.8    | 4.1    | 5.3    | 5.3    | 5.3    | 5.3    | 6.0    |
| 72.5° | 15.9   | 8.8    | 3.7    | 1.6    | 1.2    | 2.8    | 4.4    | 5.0    | 4.7    | 4.7    | 5.6    |
| 75°   | 10.3   | 5.0    | 1.2    | 0.0    | 0.0    | 1.6    | 3.4    | 4.1    | 4.1    | 3.7    | 4.7    |
| 77.5° | 6.0    | 1.6    | 0.0    | 0.0    | 0.0    | 0.0    | 2.1    | 1.9    | 1.6    | 1.2    | 2.1    |
| 80°   | 1.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 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    | 0.0    |



REPORT NUMBER: P382834  
 CATALOG NUMBER: GAN-SA2A-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 | 2209.5 |
| 2.5°  | 1946.8 | 1983.6 | 2035.4 | 2090.3 | 2174.9 | 2242.0 | 2307.8 | 2364.3 | 2386.1 | 2395.1 |
| 5°    | 1540.9 | 1594.9 | 1670.7 | 1768.1 | 1920.6 | 2057.9 | 2197.1 | 2337.1 | 2398.0 | 2413.3 |
| 7.5°  | 1105.7 | 1174.7 | 1271.0 | 1393.0 | 1571.8 | 1749.6 | 1944.0 | 2149.6 | 2243.8 | 2267.6 |
| 10°   | 818.4  | 902.6  | 1013.1 | 1141.6 | 1312.3 | 1495.0 | 1706.9 | 1941.8 | 2049.5 | 2081.0 |
| 12.5° | 580.6  | 694.5  | 842.4  | 998.7  | 1146.5 | 1309.8 | 1524.1 | 1783.0 | 1896.0 | 1930.0 |
| 15°   | 341.0  | 451.1  | 626.2  | 835.5  | 1024.9 | 1190.2 | 1408.0 | 1701.6 | 1826.1 | 1860.4 |
| 17.5° | 195.6  | 250.5  | 382.8  | 616.2  | 873.2  | 1102.3 | 1371.5 | 1721.9 | 1868.5 | 1900.4 |
| 20°   | 149.4  | 166.9  | 220.6  | 396.8  | 696.1  | 1015.9 | 1371.5 | 1836.6 | 2017.4 | 2064.1 |
| 22.5° | 130.7  | 143.6  | 165.3  | 236.8  | 512.3  | 923.2  | 1387.4 | 2002.6 | 2238.8 | 2290.6 |
| 25°   | 116.1  | 127.6  | 146.3  | 178.1  | 349.4  | 813.1  | 1425.2 | 2206.4 | 2499.6 | 2566.7 |
| 27.5° | 103.9  | 114.8  | 131.6  | 156.0  | 238.9  | 680.1  | 1476.0 | 2445.4 | 2787.3 | 2840.9 |
| 30°   | 93.0   | 103.3  | 118.6  | 135.7  | 184.4  | 529.4  | 1519.4 | 2670.7 | 3013.2 | 3070.9 |
| 32.5° | 82.7   | 92.0   | 105.7  | 118.6  | 151.0  | 391.5  | 1524.1 | 2849.0 | 3200.7 | 3258.1 |
| 35°   | 73.0   | 81.4   | 93.9   | 103.9  | 125.1  | 309.2  | 1451.4 | 3003.9 | 3388.2 | 3464.1 |
| 37.5° | 63.6   | 71.7   | 82.7   | 90.2   | 110.1  | 252.1  | 1340.3 | 3176.4 | 3628.8 | 3698.9 |
| 40°   | 54.9   | 62.0   | 73.3   | 78.3   | 104.2  | 193.8  | 1219.6 | 3357.3 | 3864.6 | 3928.9 |
| 42.5° | 46.8   | 53.7   | 64.6   | 74.2   | 91.4   | 144.8  | 1089.2 | 3527.0 | 4076.7 | 4144.2 |
| 45°   | 39.0   | 46.2   | 57.1   | 78.6   | 75.8   | 108.2  | 949.7  | 3639.6 | 4244.3 | 4317.6 |
| 47.5° | 31.5   | 39.6   | 54.6   | 74.9   | 60.6   | 79.6   | 839.2  | 3746.4 | 4371.3 | 4443.7 |
| 50°   | 25.2   | 33.3   | 61.5   | 66.8   | 49.7   | 60.8   | 793.1  | 3841.8 | 4454.6 | 4524.2 |
| 52.5° | 20.6   | 28.0   | 58.0   | 51.1   | 41.5   | 50.2   | 818.0  | 3996.6 | 4531.6 | 4575.3 |
| 55°   | 17.1   | 22.2   | 34.9   | 35.6   | 35.2   | 42.8   | 848.9  | 4218.7 | 4731.0 | 4751.5 |
| 57.5° | 15.0   | 17.8   | 24.3   | 27.5   | 29.6   | 38.1   | 849.6  | 4537.6 | 5039.6 | 5052.3 |
| 60°   | 12.8   | 15.6   | 20.3   | 22.2   | 25.6   | 34.0   | 818.6  | 4649.0 | 5161.0 | 5203.3 |
| 62.5° | 11.3   | 13.7   | 16.9   | 18.4   | 21.5   | 30.6   | 746.3  | 4487.6 | 4994.3 | 5066.4 |
| 65°   | 10.0   | 12.5   | 14.1   | 15.6   | 19.0   | 27.5   | 627.1  | 4165.0 | 4717.9 | 4793.1 |
| 67.5° | 8.8    | 10.9   | 12.5   | 14.1   | 17.1   | 24.3   | 461.8  | 3790.4 | 4400.6 | 4463.0 |
| 70°   | 7.8    | 9.7    | 11.3   | 12.5   | 15.0   | 20.6   | 280.2  | 3216.3 | 3962.0 | 3987.9 |
| 72.5° | 7.5    | 8.8    | 10.3   | 11.3   | 13.1   | 18.1   | 142.0  | 2363.6 | 3167.4 | 3209.5 |
| 75°   | 6.5    | 7.8    | 9.3    | 10.0   | 11.6   | 15.6   | 57.8   | 1552.4 | 2295.3 | 2363.0 |
| 77.5° | 5.3    | 7.2    | 8.4    | 9.0    | 10.0   | 12.8   | 29.3   | 992.1  | 1610.8 | 1654.5 |
| 80°   | 1.9    | 5.3    | 7.2    | 7.5    | 8.4    | 9.3    | 19.4   | 543.2  | 934.4  | 953.2  |
| 82.5° | 0.0    | 3.4    | 5.6    | 5.3    | 6.0    | 7.2    | 12.5   | 258.3  | 616.8  | 623.7  |
| 85°   | 0.0    | 1.6    | 4.4    | 3.4    | 2.5    | 5.0    | 4.4    | 56.5   | 323.5  | 336.9  |
| 87.5° | 0.0    | 0.0    | 0.3    | 1.6    | 1.2    | 1.9    | 0.7    | 0.3    | 29.3   | 37.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)