

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: P650524

Luminaire Tested: **GLAN-SA7B-835-U-SLL-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P650524  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA7B-835-U-SLL-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 80 CRI, 3500K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH BLACK GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 17156.3 lumens  
Efficiency: N/A  
Efficacy: 60.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G1

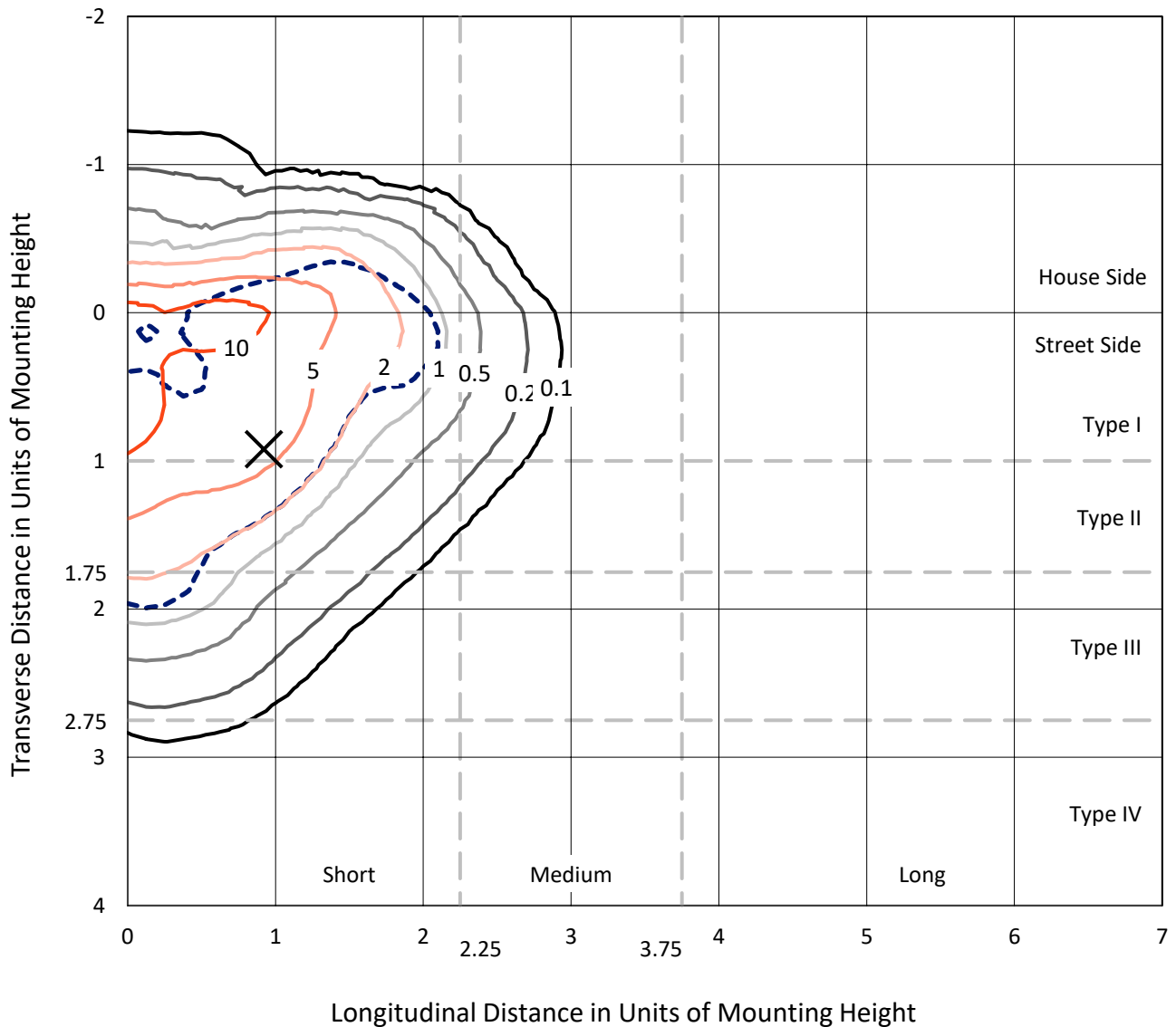
Input Watts (W): 286  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

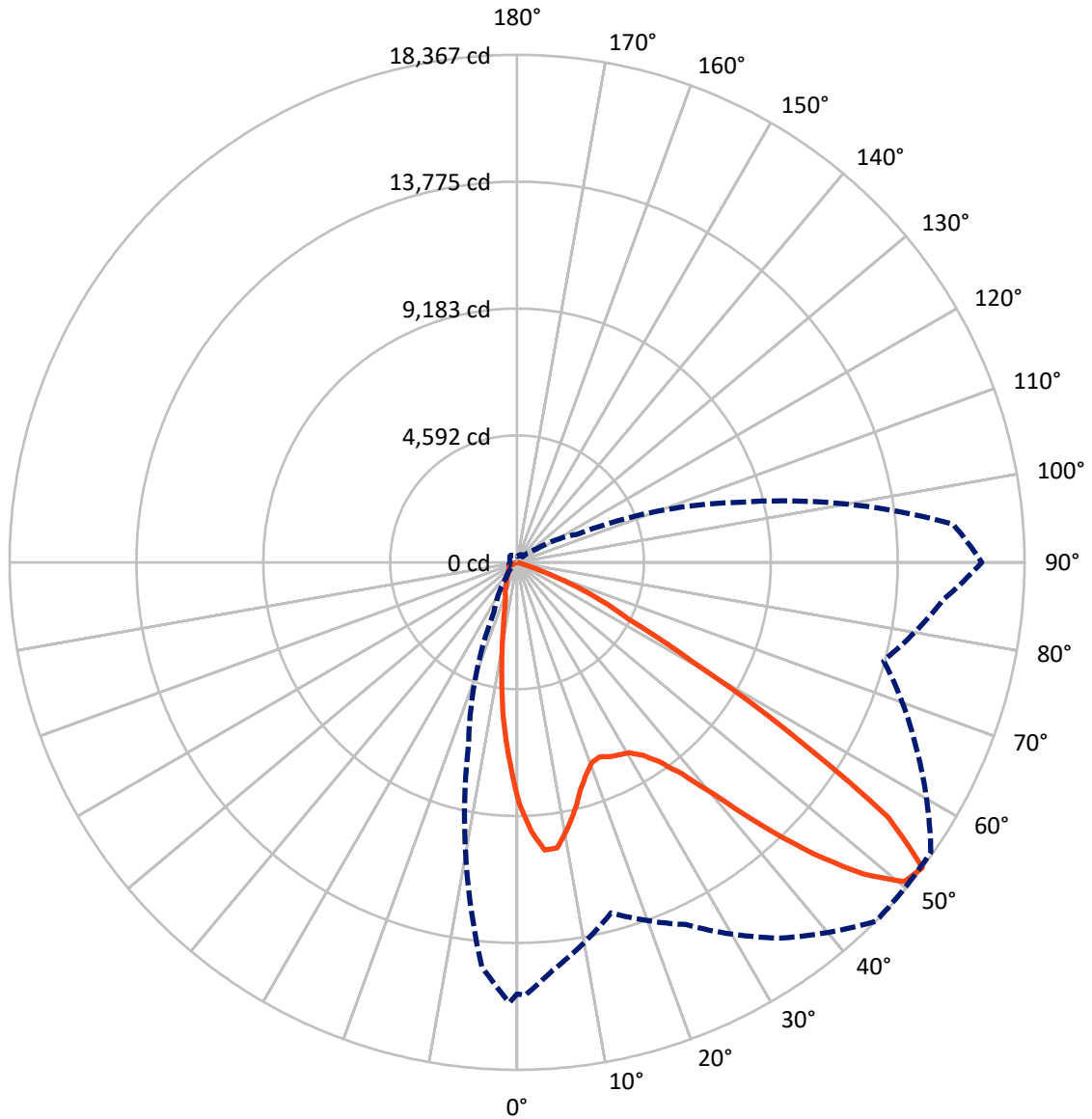
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 52.5-Deg Vertical

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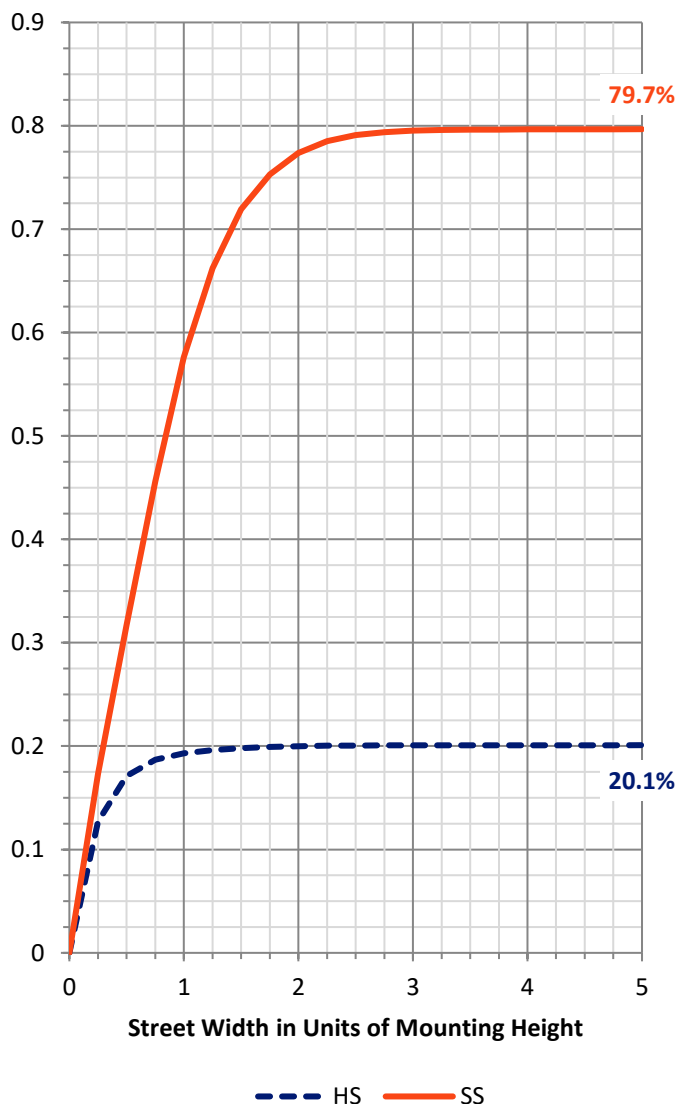
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3481.9   | 0.0    | 3481.9  |
|                    | % Fixture | 20.3     | 0.0    | 20.3    |
| <b>Street Side</b> | Lumens    | 13674.4  | 0.0    | 13674.4 |
|                    | % Fixture | 79.7     | 0.0    | 79.7    |
| <b>Total</b>       | Lumens    | 17156.3  | 0.0    | 17156.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 634.4   | 3.7       |
| 10°-20°   | 1251.7  | 7.3       |
| 20°-30°   | 1904.8  | 11.1      |
| 30°-40°   | 2847.0  | 16.6      |
| 40°-50°   | 4054.4  | 23.6      |
| 50°-60°   | 4358.3  | 25.4      |
| 60°-70°   | 1931.3  | 11.3      |
| 70°-80°   | 156.2   | 0.9       |
| 80°-90°   | 18.2    | 0.1       |
| 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°    | 17156.3 | 100.0     |
| 0°-180°   | 17156.3 | 100.0     |

**Coefficient of Utilization**



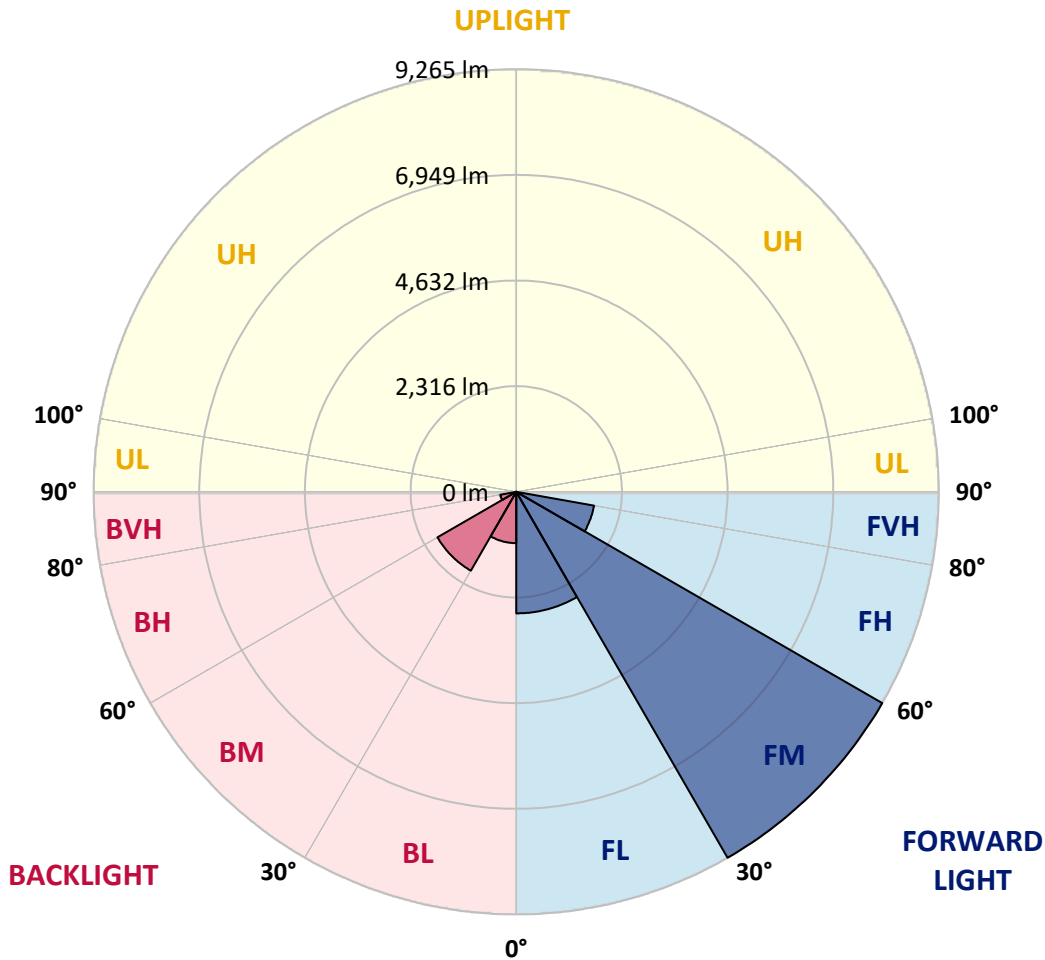
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 2664.7 | 15.5      |                         |      |         |
| FM (30°-60°)   | 9264.9 | 54.0      |                         |      |         |
| FH (60°-80°)   | 1731.3 | 10.1      |                         |      | G1/1800 |
| FVH (80°-90°)  | 13.5   | 0.1       |                         |      | G1/100  |
| BL (0°-30°)    | 1126.2 | 6.6       | B3/2500                 |      |         |
| BM (30°-60°)   | 1994.7 | 11.6      | B2/2500                 |      |         |
| BH (60°-80°)   | 356.2  | 2.1       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 4.7    | 0.0       |                         |      | G0/10   |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 8699.1  | 8699.1  | 8699.1  | 8699.1  | 8699.1  | 8699.1  | 8699.1  | 8699.1  | 8699.1  | 8699.1  | 8699.1  |
| 2.5°  | 9205.2  | 9232.2  | 9380.7  | 9566.2  | 9664.1  | 9886.8  | 9731.6  | 9772.1  | 9687.7  | 9390.8  | 9158.0  |
| 5°    | 8925.1  | 8921.7  | 9110.8  | 9569.6  | 10004.9 | 10446.9 | 10460.5 | 10224.3 | 9809.2  | 9353.6  | 8702.4  |
| 7.5°  | 8081.6  | 8213.1  | 8408.9  | 9141.1  | 9947.5  | 10278.2 | 10436.8 | 10160.1 | 9522.4  | 8871.2  | 8165.9  |
| 10°   | 7443.8  | 7511.3  | 7842.0  | 8726.1  | 9316.5  | 9758.6  | 9856.5  | 9697.8  | 9208.5  | 8395.3  | 7605.7  |
| 12.5° | 7076.0  | 7109.7  | 7497.8  | 8240.1  | 8864.4  | 9191.7  | 9238.9  | 9313.2  | 8962.2  | 8199.7  | 7251.4  |
| 15°   | 7079.3  | 7106.4  | 7629.4  | 8250.2  | 8496.6  | 8408.9  | 8564.1  | 8560.7  | 8712.5  | 8162.5  | 7548.4  |
| 17.5° | 7588.9  | 7619.3  | 8091.7  | 8398.7  | 8290.7  | 8084.9  | 8074.8  | 8230.0  | 8550.6  | 8624.8  | 7997.2  |
| 20°   | 8466.2  | 8537.0  | 8884.6  | 8867.8  | 8260.4  | 7845.3  | 7730.6  | 7848.7  | 8594.4  | 9016.2  | 8901.5  |
| 22.5° | 9647.3  | 9745.1  | 9988.0  | 9522.4  | 8398.7  | 7683.3  | 7646.2  | 7875.7  | 8884.6  | 9890.2  | 9927.3  |
| 25°   | 11017.2 | 11182.6 | 11300.6 | 10703.4 | 8891.4  | 7963.4  | 7788.0  | 8182.7  | 9276.0  | 10838.4 | 11233.2 |
| 27.5° | 11924.9 | 12097.0 | 12070.0 | 11216.3 | 9222.1  | 8037.7  | 7889.2  | 8257.0  | 9616.9  | 11064.5 | 11914.8 |
| 30°   | 12633.5 | 12738.2 | 12927.1 | 11493.0 | 9552.8  | 8246.9  | 7993.8  | 8570.8  | 9728.2  | 11455.9 | 12738.2 |
| 32.5° | 13460.2 | 13531.1 | 13544.6 | 11982.2 | 10062.3 | 8510.1  | 8317.7  | 8962.2  | 10220.9 | 11830.4 | 13467.0 |
| 35°   | 14293.7 | 14398.3 | 14179.0 | 12586.3 | 10376.1 | 8999.3  | 8857.6  | 9640.5  | 10615.7 | 12218.5 | 14270.1 |
| 37.5° | 15198.0 | 15252.0 | 14745.8 | 12836.0 | 10824.9 | 9795.7  | 9718.1  | 10372.7 | 11300.6 | 12920.4 | 15160.9 |
| 40°   | 15957.2 | 16007.9 | 15349.9 | 13143.0 | 11297.3 | 10909.2 | 11108.3 | 11769.7 | 12231.9 | 13375.9 | 15606.3 |
| 42.5° | 16379.0 | 16497.2 | 15552.3 | 12974.3 | 12245.5 | 12171.3 | 13055.4 | 13288.1 | 13311.8 | 13504.1 | 16004.5 |
| 45°   | 16493.7 | 16439.8 | 15218.3 | 13112.7 | 13075.6 | 14246.5 | 15049.6 | 15356.6 | 14384.8 | 13740.3 | 16105.8 |
| 47.5° | 15964.0 | 16034.9 | 14725.6 | 12991.2 | 14165.5 | 15818.9 | 16858.2 | 17428.5 | 15184.6 | 13534.5 | 15856.0 |
| 50°   | 15535.4 | 15444.4 | 14567.0 | 12903.4 | 14459.0 | 16561.2 | 18164.0 | 18292.3 | 15920.1 | 13787.5 | 15582.7 |
| 52.5° | 15619.8 | 15677.1 | 14820.1 | 13136.3 | 14465.8 | 16605.2 | 18366.5 | 18278.8 | 15943.8 | 13730.2 | 15484.8 |
| 55°   | 15798.7 | 15545.6 | 14712.1 | 12623.4 | 13497.4 | 15380.2 | 16301.4 | 16166.4 | 14715.5 | 13119.4 | 15245.2 |
| 57.5° | 13632.3 | 14023.8 | 13527.7 | 11270.3 | 11078.0 | 11587.5 | 11570.6 | 11985.7 | 10976.7 | 11290.5 | 13878.7 |
| 60°   | 11064.5 | 11131.9 | 11317.6 | 9640.5  | 7666.5  | 7491.0  | 7248.1  | 6984.9  | 7386.4  | 9654.0  | 12623.4 |
| 62.5° | 9731.6  | 9650.6  | 10312.0 | 8769.9  | 5412.4  | 4531.8  | 4491.2  | 4653.2  | 5699.2  | 9208.5  | 11840.5 |
| 65°   | 7072.6  | 7173.8  | 7653.0  | 6806.1  | 4062.7  | 3458.7  | 3398.0  | 3877.1  | 4612.7  | 7379.7  | 9036.4  |
| 67.5° | 4319.2  | 4514.9  | 4558.7  | 4197.7  | 2756.9  | 2190.0  | 2102.2  | 2537.5  | 3330.5  | 4774.7  | 5297.7  |
| 70°   | 1994.2  | 2230.5  | 2453.1  | 2291.2  | 1596.1  | 900.9   | 850.3   | 1066.3  | 1680.4  | 2746.7  | 2810.8  |
| 72.5° | 604.0   | 607.4   | 850.3   | 887.5   | 516.3   | 202.5   | 178.8   | 236.2   | 570.3   | 907.7   | 954.9   |
| 75°   | 43.8    | 47.2    | 114.7   | 131.6   | 97.9    | 50.6    | 54.0    | 64.1    | 121.4   | 202.5   | 151.8   |
| 77.5° | 3.4     | 3.4     | 3.4     | 16.8    | 30.4    | 33.7    | 43.8    | 50.6    | 64.1    | 74.2    | 67.5    |
| 80°   | 3.4     | 0.0     | 3.4     | 13.5    | 23.6    | 33.7    | 40.5    | 47.2    | 50.6    | 57.4    | 50.6    |
| 82.5° | 0.0     | 0.0     | 0.0     | 10.1    | 23.6    | 33.7    | 37.1    | 50.6    | 57.4    | 67.5    | 57.4    |
| 85°   | 0.0     | 0.0     | 0.0     | 10.1    | 23.6    | 37.1    | 33.7    | 16.8    | 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     |



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**CANDELA DISTRIBUTION (continued):**

|       | 90°     | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8699.1  | 8699.1  | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 |
| 2.5°  | 9198.4  | 9066.8  | 8766.5 | 8614.7 | 8257.0 | 8206.4 | 7855.4 | 7798.1 | 7680.0 | 7615.8 | 7460.7 |
| 5°    | 8415.6  | 8257.0  | 7767.8 | 7356.1 | 6876.9 | 6542.8 | 6286.4 | 6053.5 | 5918.6 | 5793.7 | 5851.1 |
| 7.5°  | 7777.9  | 7315.6  | 6772.3 | 6083.9 | 5530.6 | 5172.9 | 4781.5 | 4460.9 | 4271.9 | 4143.7 | 4174.1 |
| 10°   | 7109.7  | 6809.4  | 6053.5 | 5280.9 | 4612.7 | 4359.7 | 4052.6 | 3806.2 | 3539.7 | 3310.2 | 3202.2 |
| 12.5° | 6900.5  | 6455.1  | 5506.9 | 4720.7 | 4214.6 | 3968.2 | 3617.3 | 3333.9 | 2993.0 | 2712.9 | 2615.1 |
| 15°   | 6937.6  | 6509.1  | 5358.5 | 4518.2 | 3921.0 | 3495.8 | 3077.4 | 2726.5 | 2351.9 | 2156.2 | 2055.0 |
| 17.5° | 7541.6  | 6799.3  | 5456.3 | 4305.6 | 3512.7 | 2922.2 | 2405.9 | 1960.5 | 1680.4 | 1478.0 | 1434.1 |
| 20°   | 8284.0  | 7426.9  | 5665.6 | 4150.4 | 3178.7 | 2324.9 | 1758.1 | 1373.4 | 1140.5 | 1106.8 | 1096.7 |
| 22.5° | 9370.6  | 8452.7  | 6114.3 | 4045.8 | 2770.3 | 1812.0 | 1204.6 | 998.8  | 934.7  | 927.9  | 931.3  |
| 25°   | 10889.0 | 9738.3  | 6603.6 | 3958.1 | 2463.2 | 1397.0 | 985.3  | 847.0  | 826.7  | 816.6  | 833.4  |
| 27.5° | 11547.0 | 10514.4 | 6863.4 | 3769.1 | 2183.2 | 1258.6 | 971.8  | 840.2  | 782.8  | 766.0  | 776.1  |
| 30°   | 12360.2 | 11030.7 | 7271.7 | 3445.2 | 1771.5 | 1035.9 | 907.7  | 914.5  | 887.5  | 803.1  | 776.1  |
| 32.5° | 13440.0 | 11675.2 | 7477.6 | 3215.8 | 1582.6 | 857.1  | 664.8  | 610.7  | 681.6  | 695.1  | 718.7  |
| 35°   | 14131.7 | 12329.8 | 7582.2 | 3080.8 | 1484.7 | 732.3  | 563.5  | 512.9  | 496.0  | 499.4  | 512.9  |
| 37.5° | 15417.3 | 13213.9 | 7713.7 | 2939.1 | 1410.5 | 637.8  | 509.5  | 462.3  | 438.6  | 438.6  | 452.2  |
| 40°   | 16186.7 | 13915.8 | 7892.6 | 2861.5 | 1336.3 | 580.4  | 462.3  | 421.8  | 401.5  | 401.5  | 408.3  |
| 42.5° | 16379.0 | 14263.4 | 7831.9 | 2834.5 | 1251.9 | 566.9  | 421.8  | 391.4  | 367.8  | 364.4  | 361.0  |
| 45°   | 16723.2 | 14793.1 | 7842.0 | 2804.1 | 1164.2 | 516.3  | 398.2  | 364.4  | 330.7  | 327.3  | 323.9  |
| 47.5° | 17101.2 | 15174.4 | 7862.2 | 2686.0 | 1079.8 | 431.9  | 415.1  | 337.5  | 296.9  | 290.2  | 290.2  |
| 50°   | 16777.2 | 15478.1 | 8037.7 | 2567.8 | 971.8  | 350.9  | 408.3  | 317.2  | 263.2  | 253.1  | 256.4  |
| 52.5° | 16817.7 | 15835.8 | 8408.9 | 2402.6 | 836.9  | 280.1  | 330.7  | 300.3  | 239.6  | 222.7  | 226.1  |
| 55°   | 16169.8 | 15457.8 | 8459.5 | 2227.1 | 654.6  | 216.0  | 253.1  | 263.2  | 202.5  | 195.8  | 195.8  |
| 57.5° | 13919.2 | 13089.1 | 7464.0 | 1805.3 | 431.9  | 178.8  | 182.2  | 229.4  | 175.5  | 168.7  | 172.1  |
| 60°   | 11911.4 | 10507.7 | 6006.3 | 1191.2 | 270.0  | 141.7  | 131.6  | 232.9  | 155.2  | 151.8  | 162.0  |
| 62.5° | 10858.6 | 8634.9  | 4555.3 | 739.0  | 185.6  | 108.0  | 91.1   | 188.9  | 135.0  | 135.0  | 148.5  |
| 65°   | 7845.3  | 5800.5  | 2648.9 | 388.1  | 131.6  | 84.3   | 67.5   | 108.0  | 111.3  | 114.7  | 121.4  |
| 67.5° | 4859.1  | 2928.9  | 1116.9 | 188.9  | 87.7   | 57.4   | 43.8   | 67.5   | 74.2   | 74.2   | 81.0   |
| 70°   | 2399.2  | 1167.5  | 371.1  | 108.0  | 67.5   | 47.2   | 30.4   | 37.1   | 37.1   | 33.7   | 37.1   |
| 72.5° | 742.4   | 350.9   | 94.5   | 67.5   | 47.2   | 30.4   | 16.8   | 13.5   | 6.7    | 0.0    | 3.4    |
| 75°   | 84.3    | 67.5    | 60.8   | 47.2   | 30.4   | 13.5   | 3.4    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5° | 50.6    | 57.4    | 57.4   | 47.2   | 30.4   | 10.1   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 40.5    | 43.8    | 47.2   | 43.8   | 27.0   | 13.5   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 50.6    | 57.4    | 64.1   | 57.4   | 37.1   | 16.8   | 6.7    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 10.1   | 3.4    | 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    |





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**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 |
| 2.5°  | 7396.5 | 7322.3 | 7426.9 | 7271.7 | 7268.4 | 7271.7 | 7227.9 | 7187.3 | 7251.4 | 7423.5 | 7440.5 |
| 5°    | 5645.3 | 5803.8 | 5854.5 | 6019.9 | 5928.7 | 5793.7 | 5820.7 | 5729.6 | 5952.4 | 6050.2 | 5972.6 |
| 7.5°  | 4110.0 | 4099.8 | 4440.6 | 4460.9 | 4504.8 | 4508.1 | 4501.4 | 4322.6 | 4140.3 | 4180.8 | 4302.3 |
| 10°   | 3188.8 | 3016.7 | 3182.0 | 3165.1 | 3273.1 | 3242.7 | 3286.6 | 3094.3 | 3158.4 | 3158.4 | 3236.0 |
| 12.5° | 2598.2 | 2416.0 | 2385.6 | 2341.8 | 2385.6 | 2402.6 | 2419.4 | 2382.3 | 2490.3 | 2540.9 | 2594.9 |
| 15°   | 1984.1 | 1882.9 | 1855.9 | 1771.5 | 1785.0 | 1832.3 | 1872.8 | 1889.6 | 1855.9 | 1933.5 | 1940.3 |
| 17.5° | 1440.9 | 1437.4 | 1454.3 | 1451.0 | 1437.4 | 1427.3 | 1424.0 | 1380.1 | 1366.6 | 1373.4 | 1400.3 |
| 20°   | 1093.3 | 1120.3 | 1177.6 | 1235.0 | 1265.4 | 1228.3 | 1177.6 | 1103.4 | 1073.0 | 1079.8 | 1083.2 |
| 22.5° | 934.7  | 975.1  | 1052.8 | 1116.9 | 1147.3 | 1079.8 | 988.7  | 924.6  | 911.1  | 907.7  | 904.3  |
| 25°   | 847.0  | 894.2  | 951.6  | 971.8  | 968.4  | 927.9  | 860.4  | 833.4  | 826.7  | 820.0  | 789.6  |
| 27.5° | 799.8  | 816.6  | 826.7  | 850.3  | 860.4  | 833.4  | 816.6  | 776.1  | 769.4  | 769.4  | 749.1  |
| 30°   | 772.7  | 762.6  | 776.1  | 759.2  | 772.7  | 752.5  | 755.8  | 755.8  | 739.0  | 745.7  | 745.7  |
| 32.5° | 718.7  | 722.1  | 722.1  | 688.3  | 698.5  | 674.9  | 698.5  | 718.7  | 722.1  | 725.4  | 752.5  |
| 35°   | 526.4  | 587.2  | 617.5  | 617.5  | 627.7  | 610.7  | 607.4  | 583.7  | 553.4  | 523.0  | 509.5  |
| 37.5° | 462.3  | 485.9  | 526.4  | 550.0  | 566.9  | 553.4  | 523.0  | 485.9  | 469.0  | 455.5  | 442.0  |
| 40°   | 411.7  | 431.9  | 458.9  | 485.9  | 519.7  | 502.8  | 455.5  | 438.6  | 418.4  | 418.4  | 404.9  |
| 42.5° | 371.1  | 381.3  | 398.2  | 438.6  | 475.8  | 442.0  | 408.3  | 394.8  | 384.7  | 381.3  | 378.0  |
| 45°   | 334.0  | 337.5  | 354.3  | 388.1  | 431.9  | 398.2  | 364.4  | 347.6  | 350.9  | 354.3  | 350.9  |
| 47.5° | 300.3  | 307.1  | 317.2  | 357.7  | 384.7  | 367.8  | 330.7  | 320.6  | 320.6  | 320.6  | 323.9  |
| 50°   | 259.8  | 276.7  | 296.9  | 330.7  | 350.9  | 340.8  | 310.5  | 296.9  | 290.2  | 290.2  | 293.5  |
| 52.5° | 232.9  | 246.3  | 273.3  | 313.8  | 340.8  | 323.9  | 293.5  | 273.3  | 259.8  | 256.4  | 263.2  |
| 55°   | 202.5  | 226.1  | 270.0  | 300.3  | 337.5  | 320.6  | 286.8  | 263.2  | 239.6  | 236.2  | 236.2  |
| 57.5° | 182.2  | 219.3  | 259.8  | 296.9  | 327.3  | 313.8  | 286.8  | 256.4  | 226.1  | 222.7  | 222.7  |
| 60°   | 172.1  | 212.6  | 253.1  | 286.8  | 327.3  | 307.1  | 283.4  | 249.7  | 216.0  | 216.0  | 212.6  |
| 62.5° | 162.0  | 199.1  | 239.6  | 273.3  | 313.8  | 296.9  | 273.3  | 239.6  | 205.9  | 205.9  | 199.1  |
| 65°   | 135.0  | 172.1  | 199.1  | 229.4  | 273.3  | 256.4  | 232.9  | 209.2  | 182.2  | 175.5  | 178.8  |
| 67.5° | 94.5   | 118.1  | 145.1  | 175.5  | 202.5  | 195.8  | 185.6  | 168.7  | 145.1  | 141.7  | 138.4  |
| 70°   | 47.2   | 64.1   | 87.7   | 118.1  | 141.7  | 135.0  | 128.3  | 114.7  | 101.2  | 97.9   | 97.9   |
| 72.5° | 6.7    | 20.3   | 37.1   | 54.0   | 74.2   | 77.6   | 74.2   | 70.9   | 67.5   | 64.1   | 67.5   |
| 75°   | 0.0    | 0.0    | 0.0    | 13.5   | 30.4   | 37.1   | 43.8   | 50.6   | 50.6   | 43.8   | 54.0   |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 16.8   | 33.7   | 43.8   | 54.0   | 47.2   | 64.1   |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 20.3   | 33.7   | 47.2   | 54.0   | 47.2   | 67.5   |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 23.6   | 33.7   | 43.8   | 50.6   | 47.2   | 60.8   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 10.1   | 20.3   | 13.5   | 6.7    | 3.4    | 3.4    | 10.1   |
| 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: P650524

CATALOG NUMBER: GLAN-SA7B-835-U-SLL-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 359°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1 | 8699.1  | 8699.1  | 8699.1  |
| 2.5°  | 7534.9 | 7774.5 | 8030.9 | 8128.8 | 8432.4 | 8661.9 | 8817.1 | 9151.2  | 9201.8  | 9205.2  |
| 5°    | 6053.5 | 6175.1 | 6613.7 | 6819.5 | 7271.7 | 7622.7 | 7997.2 | 8537.0  | 8898.2  | 8925.1  |
| 7.5°  | 4302.3 | 4639.7 | 4825.3 | 5361.8 | 5918.6 | 6468.6 | 7025.4 | 7653.0  | 8071.4  | 8081.6  |
| 10°   | 3462.0 | 3681.4 | 4012.1 | 4413.6 | 4882.6 | 5442.8 | 6185.2 | 6914.0  | 7339.2  | 7443.8  |
| 12.5° | 2787.2 | 3171.9 | 3549.8 | 3964.9 | 4322.6 | 4744.4 | 5544.0 | 6515.8  | 6866.8  | 7076.0  |
| 15°   | 2146.0 | 2497.0 | 2942.4 | 3428.4 | 3833.3 | 4396.8 | 5307.8 | 6418.0  | 7008.5  | 7079.3  |
| 17.5° | 1582.6 | 1896.3 | 2308.0 | 2767.0 | 3374.3 | 4174.1 | 5348.4 | 6914.0  | 7470.8  | 7588.9  |
| 20°   | 1137.2 | 1319.4 | 1643.3 | 2176.4 | 2949.2 | 3914.2 | 5388.8 | 7416.8  | 8263.8  | 8466.2  |
| 22.5° | 900.9  | 975.1  | 1187.7 | 1660.2 | 2473.4 | 3641.0 | 5675.7 | 8378.5  | 9353.6  | 9647.3  |
| 25°   | 782.8  | 823.3  | 924.6  | 1309.3 | 2173.1 | 3613.9 | 6134.6 | 9532.5  | 10804.6 | 11017.2 |
| 27.5° | 755.8  | 762.6  | 850.3  | 1201.3 | 2011.1 | 3435.1 | 6310.0 | 10352.5 | 11709.0 | 11924.9 |
| 30°   | 796.3  | 904.3  | 911.1  | 1015.7 | 1710.8 | 3080.8 | 6401.1 | 11145.5 | 12474.9 | 12633.5 |
| 32.5° | 688.3  | 654.6  | 678.2  | 786.2  | 1504.9 | 2874.9 | 6573.2 | 11837.2 | 13348.9 | 13460.2 |
| 35°   | 479.1  | 502.8  | 556.8  | 681.6  | 1316.0 | 2659.0 | 6617.1 | 12599.8 | 14179.0 | 14293.7 |
| 37.5° | 442.0  | 455.5  | 499.4  | 580.4  | 1157.4 | 2537.5 | 6556.4 | 13156.5 | 15039.4 | 15198.0 |
| 40°   | 411.7  | 428.5  | 452.2  | 526.4  | 1039.3 | 2402.6 | 6472.0 | 13659.4 | 15565.8 | 15957.2 |
| 42.5° | 388.1  | 401.5  | 421.8  | 502.8  | 938.0  | 2267.6 | 6353.9 | 14368.0 | 16038.3 | 16379.0 |
| 45°   | 361.0  | 381.3  | 404.9  | 489.3  | 880.7  | 2176.4 | 6266.1 | 14324.0 | 16311.5 | 16493.7 |
| 47.5° | 334.0  | 367.8  | 394.8  | 455.5  | 863.8  | 2132.6 | 6303.2 | 14158.8 | 16088.8 | 15964.0 |
| 50°   | 307.1  | 350.9  | 398.2  | 378.0  | 823.3  | 2044.9 | 6347.2 | 14384.8 | 15559.1 | 15535.4 |
| 52.5° | 283.4  | 334.0  | 371.1  | 310.5  | 732.3  | 1960.5 | 6772.3 | 14681.7 | 15933.7 | 15619.8 |
| 55°   | 249.7  | 300.3  | 296.9  | 249.7  | 593.9  | 1896.3 | 7106.4 | 14688.5 | 15680.6 | 15798.7 |
| 57.5° | 226.1  | 266.6  | 232.9  | 209.2  | 438.6  | 1586.0 | 6563.1 | 12316.4 | 13423.1 | 13632.3 |
| 60°   | 209.2  | 259.8  | 175.5  | 165.4  | 286.8  | 1143.9 | 5729.6 | 9539.3  | 10669.6 | 11064.5 |
| 62.5° | 192.3  | 246.3  | 138.4  | 135.0  | 199.1  | 813.2  | 4710.6 | 7983.7  | 9195.1  | 9731.6  |
| 65°   | 168.7  | 175.5  | 111.3  | 104.6  | 141.7  | 438.6  | 2868.2 | 5496.8  | 6873.6  | 7072.6  |
| 67.5° | 138.4  | 135.0  | 91.1   | 84.3   | 94.5   | 212.6  | 1265.4 | 2753.5  | 3985.1  | 4319.2  |
| 70°   | 111.3  | 111.3  | 77.6   | 67.5   | 67.5   | 97.9   | 330.7  | 1096.7  | 1801.9  | 1994.2  |
| 72.5° | 81.0   | 84.3   | 60.8   | 54.0   | 50.6   | 47.2   | 54.0   | 219.3   | 472.4   | 604.0   |
| 75°   | 70.9   | 74.2   | 60.8   | 47.2   | 37.1   | 30.4   | 23.6   | 20.3    | 27.0    | 43.8    |
| 77.5° | 77.6   | 77.6   | 64.1   | 43.8   | 33.7   | 23.6   | 13.5   | 6.7     | 6.7     | 3.4     |
| 80°   | 97.9   | 101.2  | 84.3   | 57.4   | 40.5   | 27.0   | 16.8   | 6.7     | 3.4     | 3.4     |
| 82.5° | 104.6  | 114.7  | 94.5   | 70.9   | 50.6   | 30.4   | 16.8   | 3.4     | 0.0     | 0.0     |
| 85°   | 27.0   | 43.8   | 74.2   | 64.1   | 50.6   | 30.4   | 16.8   | 3.4     | 0.0     | 0.0     |
| 87.5° | 0.0    | 3.4    | 10.1   | 10.1   | 13.5   | 13.5   | 10.1   | 3.4     | 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)