

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P642279

Luminaire Tested: GWS-SA6C-750-U-SLR-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642279  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-43)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA6C-750-U-SLR-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

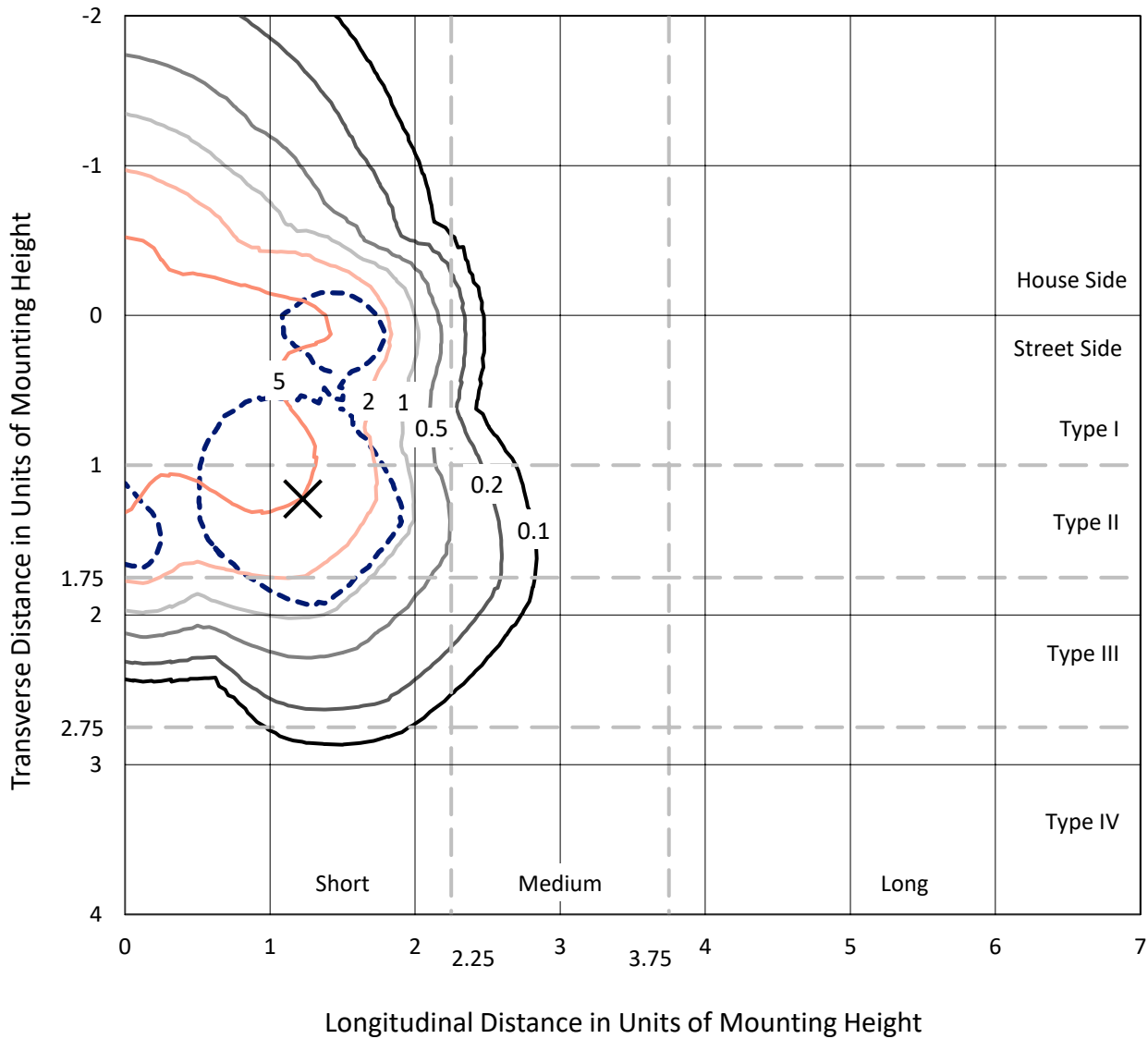
Lumens per Lamp: N/A  
Luminaire Lumens: 22724.9 lumens  
Efficiency: N/A  
Efficacy: 120.1 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 189.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 0  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

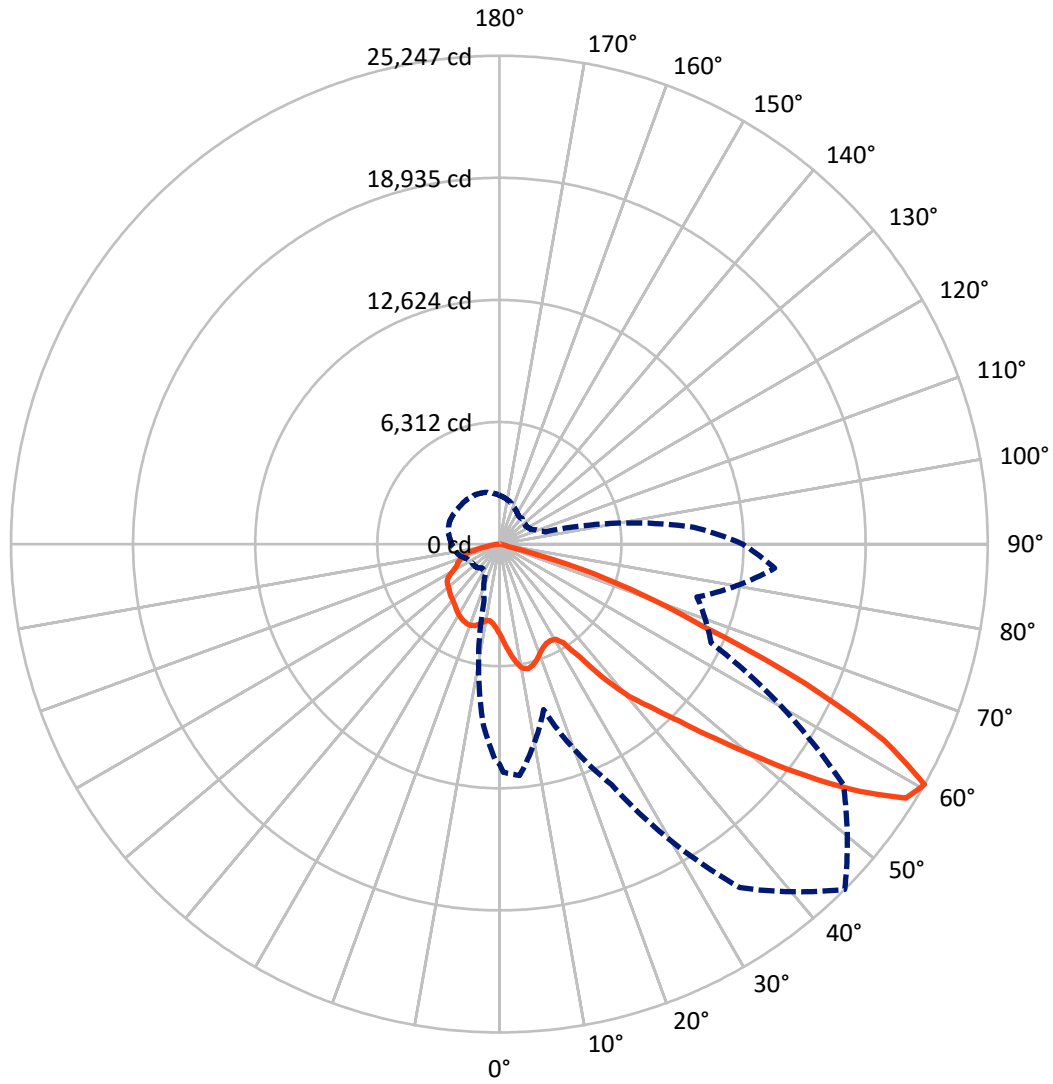
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

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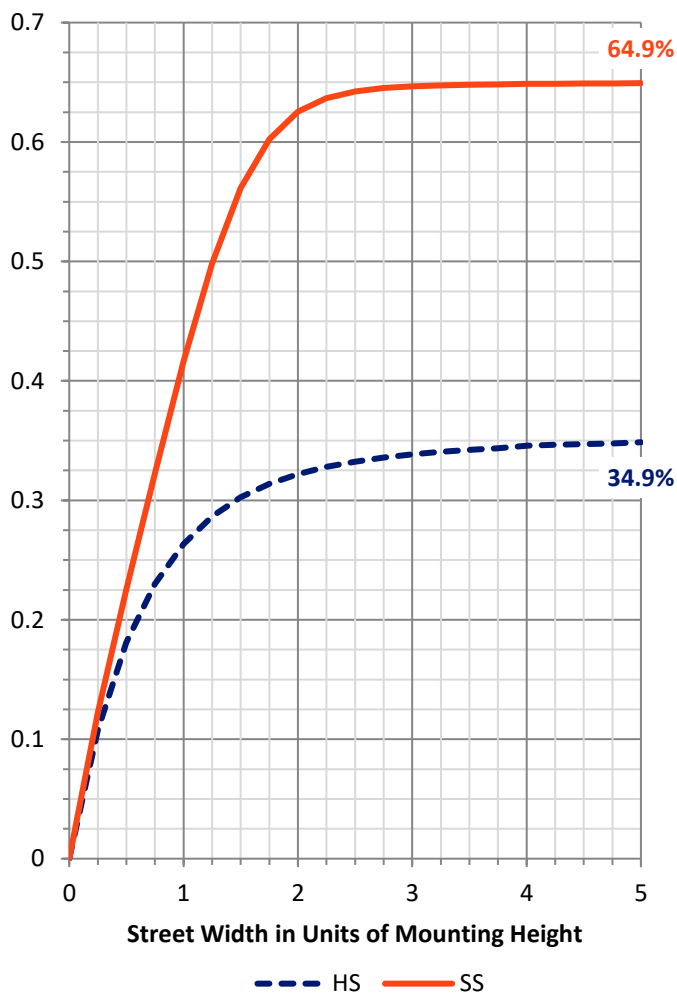
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7965.9   | 0.0    | 7965.9  |
|                    | % Fixture | 35.1     | 0.0    | 35.1    |
| <b>Street Side</b> | Lumens    | 14759.0  | 0.0    | 14759.0 |
|                    | % Fixture | 64.9     | 0.0    | 64.9    |
| <b>Total</b>       | Lumens    | 22724.9  | 0.0    | 22724.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 455.5   | 2.0       |
| 10°-20°   | 1439.3  | 6.3       |
| 20°-30°   | 2338.0  | 10.3      |
| 30°-40°   | 3297.2  | 14.5      |
| 40°-50°   | 4556.7  | 20.1      |
| 50°-60°   | 5865.8  | 25.8      |
| 60°-70°   | 3716.7  | 16.4      |
| 70°-80°   | 953.7   | 4.2       |
| 80°-90°   | 102.0   | 0.4       |
| 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°    | 22724.9 | 100.0     |
| 0°-180°   | 22724.9 | 100.0     |

**Coefficient of Utilization**



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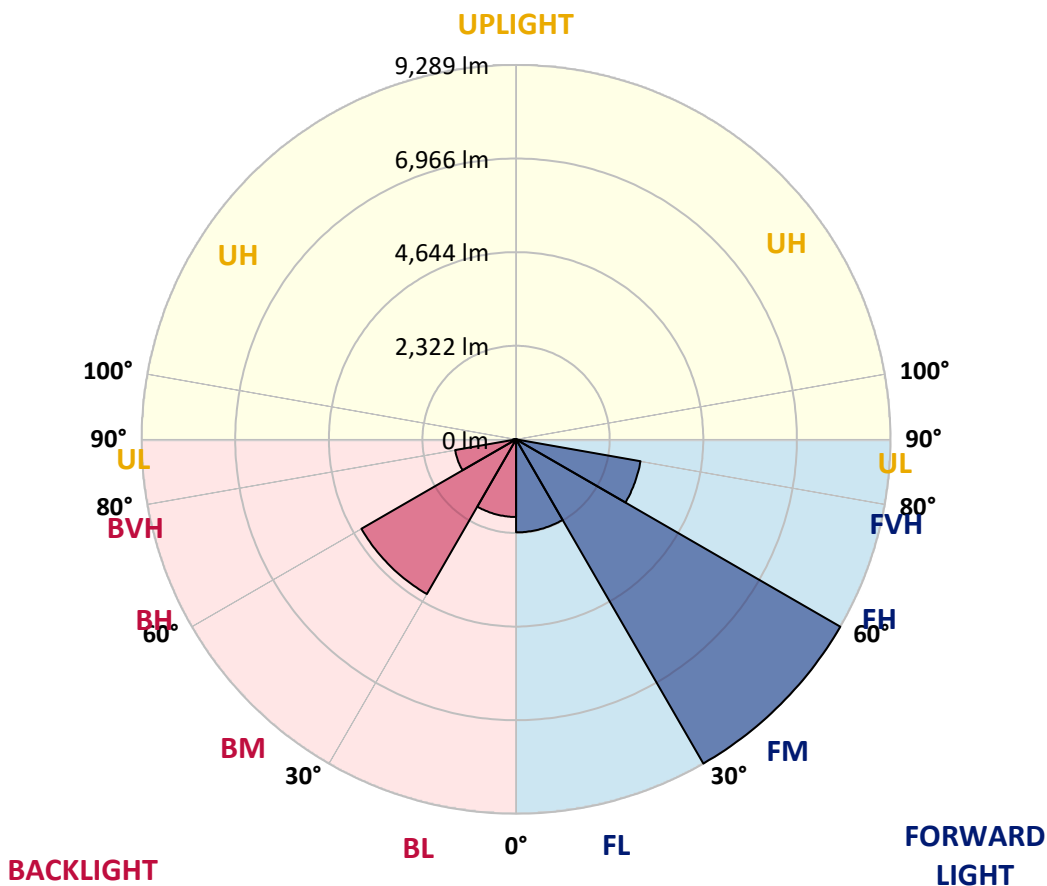
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 2307.4 | 10.2      |                         |      |         |
| FM (30°-60°)   | 9288.6 | 40.9      |                         |      |         |
| FH (60°-80°)   | 3135.2 | 13.8      |                         |      | G2/5000 |
| FVH (80°-90°)  | 27.7   | 0.1       |                         |      | G1/100  |
| BL (0°-30°)    | 1925.3 | 8.5       | B3/2500                 |      |         |
| BM (30°-60°)   | 4431.2 | 19.5      | B3/5000                 |      |         |
| BH (60°-80°)   | 1535.1 | 6.8       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 74.3   | 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°    | 4668.4  | 4668.4  | 4668.4  | 4668.4  | 4668.4  | 4668.4  | 4668.4  | 4668.4  | 4668.4  | 4668.4  | 4668.4  |
| 2.5°  | 4882.8  | 4916.1  | 4937.0  | 4976.5  | 5047.3  | 5086.9  | 5130.6  | 5082.7  | 5095.2  | 5089.0  | 5011.9  |
| 5°    | 5172.3  | 5211.8  | 5266.0  | 5382.6  | 5513.7  | 5586.6  | 5655.3  | 5644.9  | 5580.4  | 5472.1  | 5395.1  |
| 7.5°  | 5443.0  | 5488.8  | 5582.5  | 5771.9  | 5965.6  | 6078.0  | 6161.3  | 6107.2  | 6053.0  | 5882.3  | 5688.7  |
| 10°   | 5655.3  | 5682.4  | 5809.4  | 6063.5  | 6288.3  | 6415.4  | 6517.4  | 6504.9  | 6429.9  | 6238.4  | 5978.1  |
| 12.5° | 5855.2  | 5874.0  | 6011.4  | 6265.4  | 6467.4  | 6523.6  | 6606.9  | 6634.0  | 6609.0  | 6465.3  | 6209.2  |
| 15°   | 6069.7  | 6105.1  | 6232.1  | 6425.8  | 6517.4  | 6459.1  | 6488.2  | 6563.2  | 6634.0  | 6634.0  | 6398.7  |
| 17.5° | 6269.6  | 6300.8  | 6429.9  | 6513.2  | 6425.8  | 6271.7  | 6280.0  | 6375.8  | 6544.5  | 6721.4  | 6571.5  |
| 20°   | 6446.6  | 6475.7  | 6602.8  | 6523.6  | 6246.7  | 6021.8  | 6015.6  | 6132.2  | 6404.9  | 6777.7  | 6756.8  |
| 22.5° | 6640.2  | 6681.9  | 6788.1  | 6532.0  | 6080.1  | 5794.8  | 5792.8  | 5913.5  | 6282.1  | 6833.9  | 6969.2  |
| 25°   | 6915.1  | 6979.6  | 7033.8  | 6604.8  | 5990.6  | 5647.0  | 5674.1  | 5788.6  | 6242.5  | 6925.5  | 7283.6  |
| 27.5° | 7323.2  | 7375.3  | 7371.1  | 6756.8  | 5986.4  | 5586.6  | 5642.8  | 5776.1  | 6313.3  | 7087.9  | 7614.7  |
| 30°   | 7764.6  | 7791.7  | 7748.0  | 6969.2  | 6082.2  | 5624.1  | 5707.4  | 5865.6  | 6492.4  | 7356.5  | 8102.0  |
| 32.5° | 8254.0  | 8287.3  | 8204.0  | 7287.8  | 6305.0  | 5901.0  | 6084.3  | 6161.3  | 6744.3  | 7743.8  | 8618.4  |
| 35°   | 8816.2  | 8880.7  | 8707.9  | 7708.4  | 6960.9  | 6910.9  | 7177.4  | 7077.5  | 7279.5  | 8201.9  | 9170.1  |
| 37.5° | 9407.5  | 9409.6  | 9161.8  | 8331.0  | 8247.7  | 8333.1  | 8866.1  | 8553.8  | 8414.3  | 8712.1  | 9732.3  |
| 40°   | 9909.3  | 9896.8  | 9515.8  | 9170.1  | 9368.0  | 9707.4  | 10350.8 | 9871.9  | 9505.4  | 9397.1  | 10198.8 |
| 42.5° | 10411.2 | 10365.3 | 9980.1  | 9703.2  | 10140.5 | 10838.0 | 11564.7 | 10977.5 | 10205.0 | 10019.7 | 10658.9 |
| 45°   | 11052.5 | 11037.9 | 10573.6 | 9915.6  | 10838.0 | 12104.0 | 13068.1 | 12116.5 | 10619.4 | 10382.0 | 11425.2 |
| 47.5° | 12087.3 | 12016.6 | 11152.4 | 9898.9  | 11491.8 | 13790.6 | 15008.7 | 13551.2 | 10908.8 | 10390.3 | 12662.0 |
| 50°   | 13099.3 | 13011.9 | 11843.7 | 9896.8  | 12166.5 | 15539.7 | 17299.2 | 15294.0 | 11204.5 | 10440.3 | 13919.7 |
| 52.5° | 14121.7 | 14121.7 | 12978.5 | 10132.1 | 12874.4 | 17492.8 | 19945.7 | 17465.7 | 11708.4 | 11094.1 | 15466.8 |
| 55°   | 14729.7 | 14892.1 | 14254.9 | 10529.8 | 13703.2 | 19791.6 | 22563.0 | 19810.3 | 12487.1 | 12274.7 | 16895.2 |
| 57.5° | 13957.2 | 14261.2 | 14169.6 | 10252.9 | 14192.5 | 21480.3 | 24782.7 | 21588.6 | 12872.3 | 12414.3 | 16680.7 |
| 60°   | 11373.1 | 11795.8 | 12006.1 | 8853.6  | 13709.4 | 21676.0 | 25247.0 | 21705.2 | 12076.9 | 10571.5 | 14288.3 |
| 62.5° | 7560.6  | 7908.3  | 8229.0  | 6325.8  | 11868.7 | 19500.1 | 22329.8 | 19506.3 | 10086.3 | 7889.6  | 9898.9  |
| 65°   | 3708.5  | 3966.6  | 4312.3  | 3739.7  | 9272.2  | 16293.5 | 17409.5 | 15762.5 | 7296.1  | 4416.4  | 5049.4  |
| 67.5° | 970.3   | 1043.2  | 1091.1  | 1451.3  | 6642.3  | 11706.3 | 11354.4 | 11529.3 | 4687.1  | 1443.0  | 1320.1  |
| 70°   | 503.9   | 508.1   | 506.0   | 599.7   | 4489.3  | 7439.8  | 7825.0  | 7239.9  | 3271.2  | 603.8   | 520.6   |
| 72.5° | 360.2   | 362.3   | 356.1   | 404.0   | 2167.6  | 4262.3  | 4416.4  | 4368.5  | 1713.7  | 358.1   | 356.1   |
| 75°   | 235.3   | 237.4   | 233.2   | 237.4   | 326.9   | 485.2   | 447.7   | 470.6   | 285.3   | 227.0   | 227.0   |
| 77.5° | 139.5   | 141.6   | 139.5   | 143.7   | 139.5   | 139.5   | 129.1   | 129.1   | 122.9   | 122.9   | 124.9   |
| 80°   | 93.7    | 93.7    | 91.6    | 95.8    | 87.5    | 87.5    | 83.3    | 81.2    | 75.0    | 72.9    | 72.9    |
| 82.5° | 56.2    | 58.3    | 56.2    | 56.2    | 52.1    | 52.1    | 47.9    | 45.8    | 39.6    | 39.6    | 37.5    |
| 85°   | 29.2    | 29.2    | 27.1    | 27.1    | 22.9    | 20.8    | 16.7    | 16.7    | 12.5    | 10.4    | 10.4    |
| 87.5° | 4.2     | 4.2     | 2.1     | 2.1     | 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°    | 4668.4  | 4668.4  | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 |
| 2.5°  | 4991.1  | 4949.5  | 4887.0 | 4826.6 | 4770.4 | 4712.1 | 4645.5 | 4576.7 | 4518.4 | 4458.1 | 4426.8 |
| 5°    | 5293.0  | 5207.7  | 5045.2 | 4901.6 | 4772.5 | 4666.3 | 4551.8 | 4453.9 | 4362.3 | 4287.3 | 4249.8 |
| 7.5°  | 5565.8  | 5432.5  | 5186.8 | 4959.9 | 4785.0 | 4639.2 | 4481.0 | 4335.2 | 4212.4 | 4120.7 | 4085.3 |
| 10°   | 5817.8  | 5659.5  | 5336.8 | 5049.4 | 4845.4 | 4682.9 | 4489.3 | 4291.5 | 4129.1 | 4008.3 | 3979.1 |
| 12.5° | 6021.8  | 5840.7  | 5455.4 | 5122.3 | 4880.7 | 4705.8 | 4535.1 | 4364.4 | 4204.0 | 4047.9 | 4022.9 |
| 15°   | 6203.0  | 5988.5  | 5545.0 | 5168.1 | 4868.3 | 4645.5 | 4501.8 | 4481.0 | 4481.0 | 4304.0 | 4254.0 |
| 17.5° | 6359.1  | 6123.8  | 5617.9 | 5188.9 | 4789.1 | 4466.4 | 4378.9 | 4560.1 | 4764.1 | 4637.1 | 4524.7 |
| 20°   | 6538.2  | 6252.9  | 5678.2 | 5188.9 | 4643.4 | 4239.4 | 4231.1 | 4539.3 | 4841.2 | 4843.3 | 4724.6 |
| 22.5° | 6719.4  | 6402.9  | 5749.0 | 5170.2 | 4443.5 | 3977.1 | 4131.1 | 4456.0 | 4724.6 | 4839.1 | 4757.9 |
| 25°   | 7013.0  | 6611.1  | 5861.5 | 5155.6 | 4210.3 | 3798.0 | 4041.6 | 4345.6 | 4572.6 | 4693.3 | 4641.3 |
| 27.5° | 7385.7  | 6885.9  | 6032.2 | 5178.5 | 3979.1 | 3691.8 | 3945.8 | 4201.9 | 4408.1 | 4514.3 | 4476.8 |
| 30°   | 7802.1  | 7202.4  | 6215.5 | 5218.1 | 3812.6 | 3637.7 | 3831.3 | 4037.4 | 4220.7 | 4326.9 | 4310.2 |
| 32.5° | 8333.1  | 7546.0  | 6373.7 | 5163.9 | 3718.9 | 3610.6 | 3710.5 | 3858.4 | 4035.4 | 4102.0 | 4116.6 |
| 35°   | 8968.2  | 7925.0  | 6494.5 | 4951.5 | 3633.5 | 3581.4 | 3579.4 | 3671.0 | 3795.9 | 3902.1 | 3912.5 |
| 37.5° | 9553.3  | 8368.5  | 6627.7 | 4587.2 | 3479.4 | 3508.6 | 3425.3 | 3479.4 | 3602.3 | 3708.5 | 3750.1 |
| 40°   | 10132.1 | 8818.2  | 6813.1 | 4122.8 | 3277.4 | 3346.1 | 3248.3 | 3285.8 | 3383.6 | 3523.1 | 3589.8 |
| 42.5° | 10694.3 | 9224.3  | 7008.8 | 3648.1 | 3075.5 | 3119.2 | 3046.3 | 3083.8 | 3185.8 | 3360.7 | 3435.7 |
| 45°   | 11306.5 | 9774.0  | 7160.8 | 3200.4 | 2900.5 | 2881.8 | 2823.5 | 2877.6 | 3031.7 | 3223.3 | 3312.8 |
| 47.5° | 12464.2 | 10640.2 | 7260.7 | 2902.6 | 2806.8 | 2671.5 | 2604.9 | 2721.5 | 2896.4 | 3090.0 | 3198.3 |
| 50°   | 13878.1 | 11893.7 | 7231.6 | 2713.1 | 2725.6 | 2454.9 | 2432.0 | 2586.1 | 2773.5 | 2975.5 | 3094.2 |
| 52.5° | 14998.3 | 13124.3 | 6900.5 | 2532.0 | 2567.4 | 2317.5 | 2250.9 | 2475.8 | 2654.8 | 2861.0 | 2983.8 |
| 55°   | 15854.1 | 13538.7 | 5884.4 | 2317.5 | 2309.2 | 2217.6 | 2078.1 | 2361.2 | 2536.2 | 2727.7 | 2861.0 |
| 57.5° | 15156.6 | 12616.2 | 4362.3 | 2021.8 | 1971.9 | 2019.8 | 1884.4 | 2167.6 | 2390.4 | 2579.9 | 2698.6 |
| 60°   | 12578.8 | 10059.3 | 2430.0 | 1790.7 | 1649.1 | 1765.7 | 1744.9 | 1963.5 | 2232.2 | 2432.0 | 2534.1 |
| 62.5° | 8539.2  | 6698.5  | 1440.9 | 1415.9 | 1336.8 | 1503.4 | 1613.7 | 1757.4 | 2021.8 | 2184.3 | 2280.0 |
| 65°   | 4256.1  | 3254.5  | 957.8  | 1059.9 | 1070.3 | 1236.8 | 1445.1 | 1603.3 | 1824.0 | 1990.6 | 2086.4 |
| 67.5° | 1234.8  | 1012.0  | 728.8  | 810.0  | 922.4  | 1055.7 | 1222.3 | 1409.7 | 1624.1 | 1822.0 | 1934.4 |
| 70°   | 533.1   | 539.3   | 578.9  | 674.6  | 785.0  | 922.4  | 1089.0 | 1272.2 | 1453.4 | 1605.4 | 1690.8 |
| 72.5° | 376.9   | 391.5   | 435.2  | 533.1  | 637.2  | 768.3  | 934.9  | 1111.9 | 1243.1 | 1397.2 | 1486.7 |
| 75°   | 241.5   | 251.9   | 287.3  | 362.3  | 439.4  | 566.4  | 724.6  | 887.0  | 1022.4 | 1132.7 | 1218.1 |
| 77.5° | 133.3   | 135.3   | 164.5  | 208.2  | 260.3  | 341.5  | 458.1  | 585.1  | 685.1  | 747.5  | 824.6  |
| 80°   | 77.0    | 77.0    | 91.6   | 118.7  | 149.9  | 199.9  | 264.4  | 326.9  | 387.3  | 426.9  | 464.3  |
| 82.5° | 41.6    | 41.6    | 47.9   | 64.5   | 81.2   | 110.4  | 147.8  | 179.1  | 216.6  | 237.4  | 262.4  |
| 85°   | 12.5    | 12.5    | 16.7   | 22.9   | 29.2   | 41.6   | 58.3   | 75.0   | 91.6   | 106.2  | 120.8  |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.1    |
| 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):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 |
| 2.5°  | 4420.6 | 4391.4 | 4374.8 | 4353.9 | 4360.2 | 4341.5 | 4331.0 | 4337.3 | 4299.8 | 4337.3 | 4374.8 |
| 5°    | 4235.3 | 4193.6 | 4160.3 | 4133.2 | 4120.7 | 4095.7 | 4081.2 | 4081.2 | 4058.3 | 4095.7 | 4141.6 |
| 7.5°  | 4072.8 | 4039.5 | 4022.9 | 4006.2 | 3987.5 | 3964.6 | 3939.6 | 3931.3 | 3916.7 | 3956.2 | 3995.8 |
| 10°   | 3964.6 | 3968.7 | 3979.1 | 4002.0 | 3997.9 | 3983.3 | 3945.8 | 3925.0 | 3925.0 | 3970.8 | 4031.2 |
| 12.5° | 4014.5 | 4058.3 | 4083.3 | 4124.9 | 4133.2 | 4120.7 | 4083.3 | 4066.6 | 4108.2 | 4177.0 | 4276.9 |
| 15°   | 4208.2 | 4237.3 | 4258.2 | 4291.5 | 4289.4 | 4279.0 | 4249.8 | 4262.3 | 4399.8 | 4533.0 | 4622.6 |
| 17.5° | 4418.5 | 4385.2 | 4381.0 | 4401.8 | 4408.1 | 4395.6 | 4378.9 | 4435.2 | 4662.1 | 4787.0 | 4832.9 |
| 20°   | 4570.5 | 4456.0 | 4431.0 | 4439.3 | 4456.0 | 4449.7 | 4449.7 | 4541.3 | 4776.6 | 4834.9 | 4776.6 |
| 22.5° | 4616.3 | 4453.9 | 4416.4 | 4418.5 | 4441.4 | 4443.5 | 4453.9 | 4549.7 | 4687.1 | 4689.2 | 4599.6 |
| 25°   | 4543.4 | 4387.3 | 4360.2 | 4364.4 | 4391.4 | 4389.3 | 4393.5 | 4447.6 | 4508.0 | 4483.0 | 4416.4 |
| 27.5° | 4406.0 | 4270.7 | 4262.3 | 4285.2 | 4320.6 | 4301.9 | 4289.4 | 4304.0 | 4333.1 | 4301.9 | 4243.6 |
| 30°   | 4249.8 | 4135.3 | 4139.5 | 4183.2 | 4220.7 | 4189.4 | 4158.2 | 4166.5 | 4168.6 | 4135.3 | 4068.7 |
| 32.5° | 4085.3 | 4000.0 | 4014.5 | 4060.3 | 4104.1 | 4070.8 | 4037.4 | 4033.3 | 3993.7 | 3954.2 | 3889.6 |
| 35°   | 3920.8 | 3887.5 | 3906.3 | 3943.7 | 3981.2 | 3954.2 | 3933.3 | 3920.8 | 3835.5 | 3777.2 | 3723.0 |
| 37.5° | 3770.9 | 3795.9 | 3829.2 | 3852.1 | 3864.6 | 3862.5 | 3850.0 | 3820.9 | 3708.5 | 3639.7 | 3568.9 |
| 40°   | 3637.7 | 3714.7 | 3750.1 | 3760.5 | 3779.2 | 3775.1 | 3773.0 | 3731.4 | 3583.5 | 3510.6 | 3429.4 |
| 42.5° | 3516.9 | 3625.2 | 3685.5 | 3696.0 | 3706.4 | 3708.5 | 3702.2 | 3641.8 | 3473.2 | 3387.8 | 3310.7 |
| 45°   | 3400.3 | 3541.9 | 3618.9 | 3608.5 | 3623.1 | 3623.1 | 3629.3 | 3550.2 | 3364.9 | 3277.4 | 3196.2 |
| 47.5° | 3298.3 | 3464.8 | 3535.6 | 3523.1 | 3531.5 | 3537.7 | 3544.0 | 3452.3 | 3246.2 | 3162.9 | 3079.6 |
| 50°   | 3204.6 | 3381.5 | 3441.9 | 3446.1 | 3446.1 | 3460.7 | 3458.6 | 3369.0 | 3146.3 | 3056.7 | 2973.4 |
| 52.5° | 3104.6 | 3296.2 | 3360.7 | 3387.8 | 3396.1 | 3402.4 | 3373.2 | 3269.1 | 3044.2 | 2935.9 | 2858.9 |
| 55°   | 2988.0 | 3208.7 | 3267.0 | 3302.4 | 3319.1 | 3314.9 | 3275.3 | 3169.2 | 2940.1 | 2831.8 | 2744.4 |
| 57.5° | 2811.0 | 3021.3 | 3104.6 | 3121.3 | 3148.3 | 3131.7 | 3085.9 | 2996.3 | 2773.5 | 2665.3 | 2575.7 |
| 60°   | 2617.4 | 2769.4 | 2836.0 | 2850.6 | 2829.8 | 2836.0 | 2829.8 | 2744.4 | 2550.7 | 2465.4 | 2373.7 |
| 62.5° | 2363.3 | 2498.7 | 2569.5 | 2588.2 | 2552.8 | 2575.7 | 2567.4 | 2461.2 | 2267.5 | 2178.0 | 2096.8 |
| 65°   | 2171.8 | 2319.6 | 2402.9 | 2413.3 | 2402.9 | 2413.3 | 2384.2 | 2255.1 | 2071.8 | 1980.2 | 1896.9 |
| 67.5° | 2021.8 | 2173.8 | 2261.3 | 2290.5 | 2280.0 | 2278.0 | 2232.2 | 2082.2 | 1892.7 | 1792.8 | 1686.6 |
| 70°   | 1763.6 | 1896.9 | 2009.4 | 2080.1 | 2080.1 | 2040.6 | 1953.1 | 1813.6 | 1661.6 | 1576.2 | 1493.0 |
| 72.5° | 1561.7 | 1730.3 | 1840.7 | 1913.6 | 1928.1 | 1905.2 | 1782.4 | 1634.6 | 1459.6 | 1374.3 | 1286.8 |
| 75°   | 1286.8 | 1451.3 | 1570.0 | 1665.8 | 1684.5 | 1659.5 | 1517.9 | 1372.2 | 1209.8 | 1126.5 | 1039.0 |
| 77.5° | 860.0  | 957.8  | 1053.6 | 1141.1 | 1122.3 | 1139.0 | 1043.2 | 932.8  | 832.9  | 770.4  | 730.9  |
| 80°   | 485.2  | 549.7  | 578.9  | 626.8  | 626.8  | 626.8  | 564.3  | 512.2  | 456.0  | 420.6  | 381.0  |
| 82.5° | 274.9  | 316.5  | 329.0  | 368.6  | 379.0  | 381.0  | 339.4  | 306.1  | 270.7  | 251.9  | 224.9  |
| 85°   | 127.0  | 149.9  | 152.0  | 174.9  | 183.2  | 199.9  | 181.2  | 158.2  | 137.4  | 129.1  | 112.4  |
| 87.5° | 4.2    | 12.5   | 16.7   | 31.2   | 41.6   | 47.9   | 52.1   | 52.1   | 43.7   | 39.6   | 33.3   |
| 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: P642279

CATALOG NUMBER: GWS-SA6C-750-U-SLR-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 359°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4 | 4668.4  | 4668.4  | 4668.4  |
| 2.5°  | 4420.6 | 4470.5 | 4528.9 | 4570.5 | 4645.5 | 4707.9 | 4772.5 | 4843.3  | 4895.3  | 4882.8  |
| 5°    | 4197.8 | 4281.1 | 4387.3 | 4485.1 | 4624.6 | 4766.2 | 4922.4 | 5082.7  | 5176.4  | 5172.3  |
| 7.5°  | 4072.8 | 4191.5 | 4320.6 | 4451.8 | 4616.3 | 4820.4 | 5059.8 | 5309.7  | 5436.7  | 5443.0  |
| 10°   | 4139.5 | 4266.5 | 4353.9 | 4464.3 | 4637.1 | 4893.2 | 5180.6 | 5480.4  | 5626.2  | 5655.3  |
| 12.5° | 4349.8 | 4339.4 | 4333.1 | 4412.2 | 4620.5 | 4945.3 | 5297.2 | 5655.3  | 5819.8  | 5855.2  |
| 15°   | 4549.7 | 4335.2 | 4206.1 | 4260.2 | 4545.5 | 4978.6 | 5411.7 | 5846.9  | 6032.2  | 6069.7  |
| 17.5° | 4587.2 | 4262.3 | 4022.9 | 4060.3 | 4426.8 | 4989.0 | 5522.1 | 6034.3  | 6234.2  | 6269.6  |
| 20°   | 4483.0 | 4168.6 | 3889.6 | 3837.6 | 4276.9 | 4962.0 | 5590.8 | 6190.5  | 6409.1  | 6446.6  |
| 22.5° | 4351.9 | 4085.3 | 3789.7 | 3654.3 | 4093.7 | 4934.9 | 5667.8 | 6355.0  | 6606.9  | 6640.2  |
| 25°   | 4214.4 | 3979.1 | 3696.0 | 3489.8 | 3885.4 | 4918.2 | 5796.9 | 6571.5  | 6875.5  | 6915.1  |
| 27.5° | 4068.7 | 3850.0 | 3614.8 | 3410.7 | 3693.9 | 4939.1 | 5980.2 | 6921.3  | 7267.0  | 7323.2  |
| 30°   | 3912.5 | 3720.9 | 3562.7 | 3383.6 | 3562.7 | 4957.8 | 6182.1 | 7279.5  | 7685.5  | 7764.6  |
| 32.5° | 3750.1 | 3602.3 | 3508.6 | 3396.1 | 3481.5 | 4914.1 | 6359.1 | 7681.3  | 8185.2  | 8254.0  |
| 35°   | 3587.7 | 3481.5 | 3439.8 | 3419.0 | 3373.2 | 4753.7 | 6502.8 | 8087.4  | 8755.8  | 8816.2  |
| 37.5° | 3435.7 | 3356.6 | 3344.1 | 3367.0 | 3206.6 | 4491.4 | 6669.4 | 8603.8  | 9315.9  | 9407.5  |
| 40°   | 3294.1 | 3221.2 | 3219.1 | 3215.0 | 3023.4 | 4133.2 | 6894.3 | 9128.5  | 9867.7  | 9909.3  |
| 42.5° | 3162.9 | 3071.3 | 3087.9 | 3038.0 | 2873.5 | 3745.9 | 7106.7 | 9576.2  | 10382.0 | 10411.2 |
| 45°   | 3046.3 | 2925.5 | 2944.3 | 2881.8 | 2802.7 | 3339.9 | 7294.1 | 10105.1 | 11033.7 | 11052.5 |
| 47.5° | 2933.9 | 2804.8 | 2752.7 | 2748.5 | 2790.2 | 2965.1 | 7477.3 | 11123.3 | 12054.0 | 12087.3 |
| 50°   | 2829.8 | 2690.2 | 2542.4 | 2634.0 | 2713.1 | 2684.0 | 7706.3 | 12214.4 | 13107.6 | 13099.3 |
| 52.5° | 2729.8 | 2546.6 | 2336.3 | 2513.3 | 2513.3 | 2475.8 | 7641.8 | 12876.5 | 13978.0 | 14121.7 |
| 55°   | 2615.3 | 2315.4 | 2121.8 | 2311.3 | 2219.7 | 2288.4 | 6498.6 | 13093.1 | 14525.6 | 14729.7 |
| 57.5° | 2388.3 | 2030.2 | 1861.5 | 1963.5 | 1826.1 | 2121.8 | 4668.4 | 12018.6 | 13594.9 | 13957.2 |
| 60°   | 2169.7 | 1819.9 | 1709.5 | 1690.8 | 1511.7 | 1730.3 | 3025.5 | 9409.6  | 11189.9 | 11373.1 |
| 62.5° | 1913.6 | 1638.7 | 1545.0 | 1401.3 | 1216.0 | 1259.7 | 1832.4 | 6192.6  | 7518.9  | 7560.6  |
| 65°   | 1719.9 | 1484.6 | 1305.6 | 1134.8 | 995.3  | 914.1  | 1082.8 | 2985.9  | 3758.4  | 3708.5  |
| 67.5° | 1476.3 | 1272.2 | 1101.5 | 978.6  | 864.1  | 762.1  | 720.5  | 887.0   | 1003.6  | 970.3   |
| 70°   | 1313.9 | 1118.2 | 953.7  | 837.1  | 730.9  | 628.8  | 556.0  | 522.6   | 512.2   | 503.9   |
| 72.5° | 1132.7 | 962.0  | 791.2  | 678.8  | 578.9  | 485.2  | 418.5  | 379.0   | 368.6   | 360.2   |
| 75°   | 903.7  | 743.4  | 587.2  | 481.0  | 393.5  | 326.9  | 283.2  | 249.9   | 243.6   | 235.3   |
| 77.5° | 597.6  | 476.8  | 349.8  | 285.3  | 233.2  | 197.8  | 168.7  | 147.8   | 143.7   | 139.5   |
| 80°   | 329.0  | 274.9  | 214.5  | 172.8  | 139.5  | 120.8  | 110.4  | 97.9    | 95.8    | 93.7    |
| 82.5° | 195.7  | 164.5  | 122.9  | 97.9   | 81.2   | 72.9   | 66.6   | 60.4    | 58.3    | 56.2    |
| 85°   | 97.9   | 77.0   | 54.1   | 45.8   | 41.6   | 37.5   | 37.5   | 31.2    | 29.2    | 29.2    |
| 87.5° | 25.0   | 20.8   | 12.5   | 10.4   | 10.4   | 10.4   | 8.3    | 6.2     | 6.2     | 4.2     |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

(END OF REPORT)