

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: P642334

Luminaire Tested: GWS-SA6C-760-U-SLR-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642334  
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-760-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) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

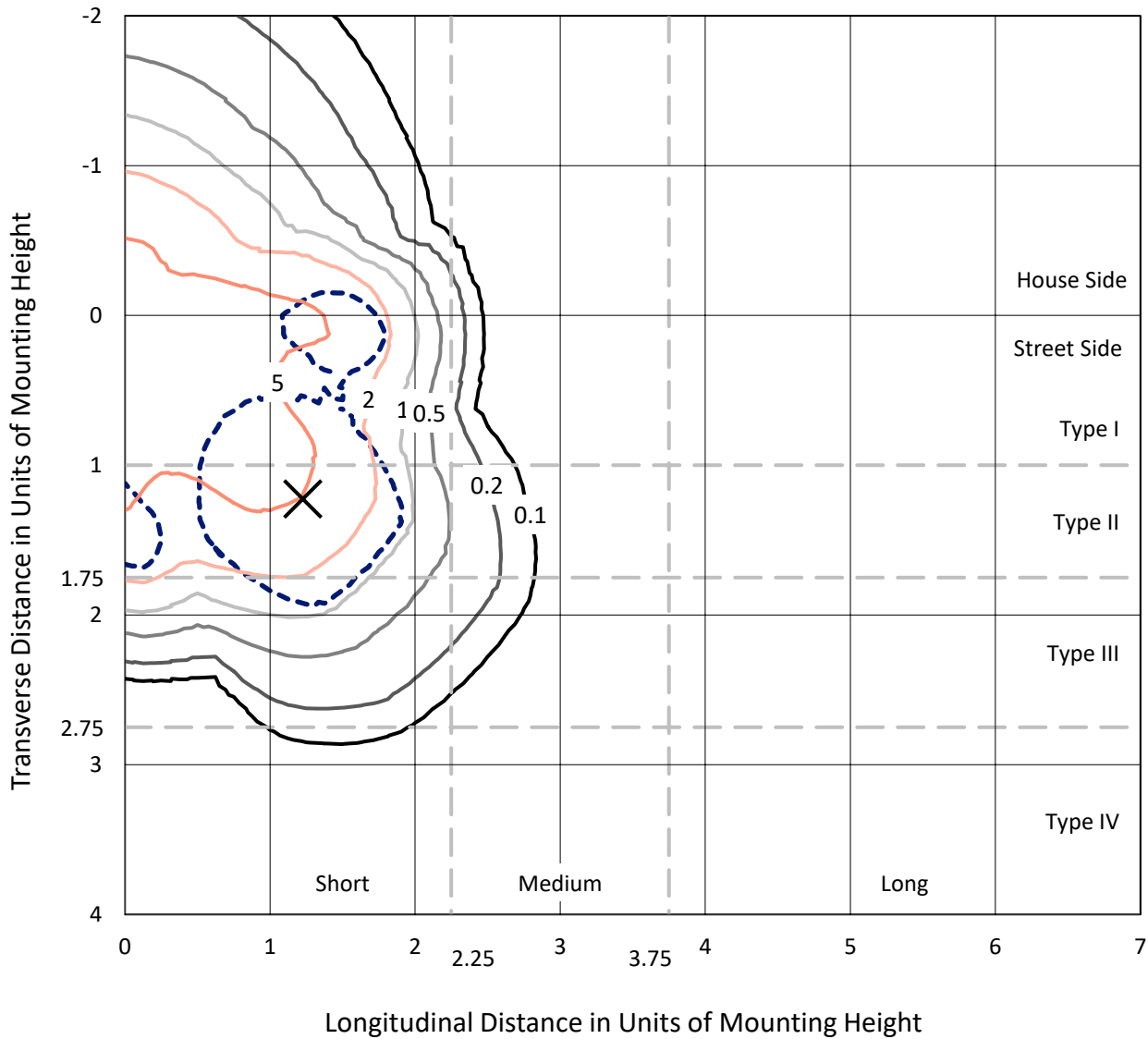
Lumens per Lamp: N/A  
Luminaire Lumens: 22413.5 lumens  
Efficiency: N/A  
Efficacy: 118.5 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 189.2  
Input Voltage (V): 120  
Input Current (Ain): 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

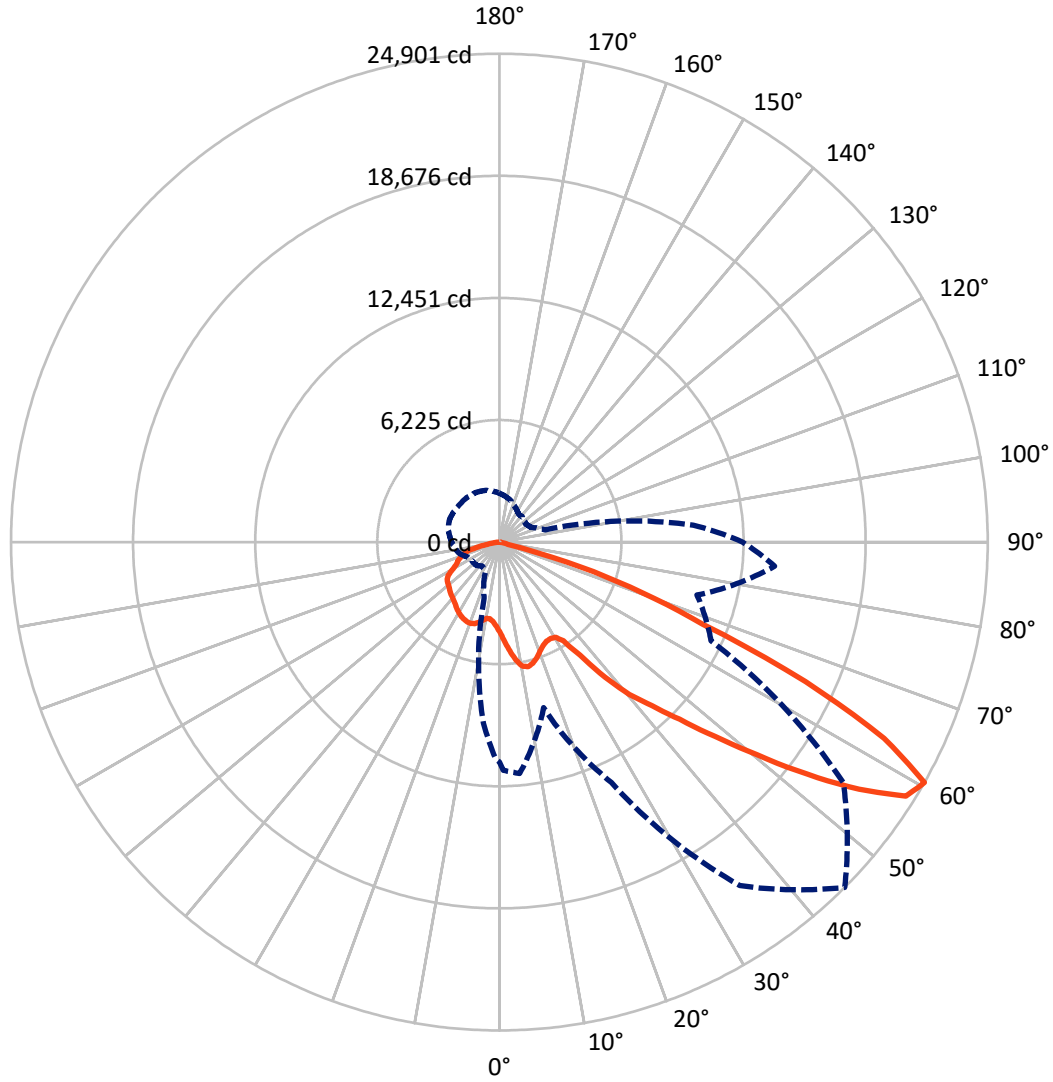
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.8 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    | 7856.7   | 0.0    | 7856.7  |
|                    | % Fixture | 35.1     | 0.0    | 35.1    |
| <b>Street Side</b> | Lumens    | 14556.8  | 0.0    | 14556.8 |
|                    | % Fixture | 64.9     | 0.0    | 64.9    |
| <b>Total</b>       | Lumens    | 22413.5  | 0.0    | 22413.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 449.2   | 2.0       |
| 10°-20°   | 1419.6  | 6.3       |
| 20°-30°   | 2306.0  | 10.3      |
| 30°-40°   | 3252.1  | 14.5      |
| 40°-50°   | 4494.3  | 20.1      |
| 50°-60°   | 5785.5  | 25.8      |
| 60°-70°   | 3665.7  | 16.4      |
| 70°-80°   | 940.6   | 4.2       |
| 80°-90°   | 100.6   | 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°    | 22413.5 | 100.0     |
| 0°-180°   | 22413.5 | 100.0     |

**Coefficient of Utilization**



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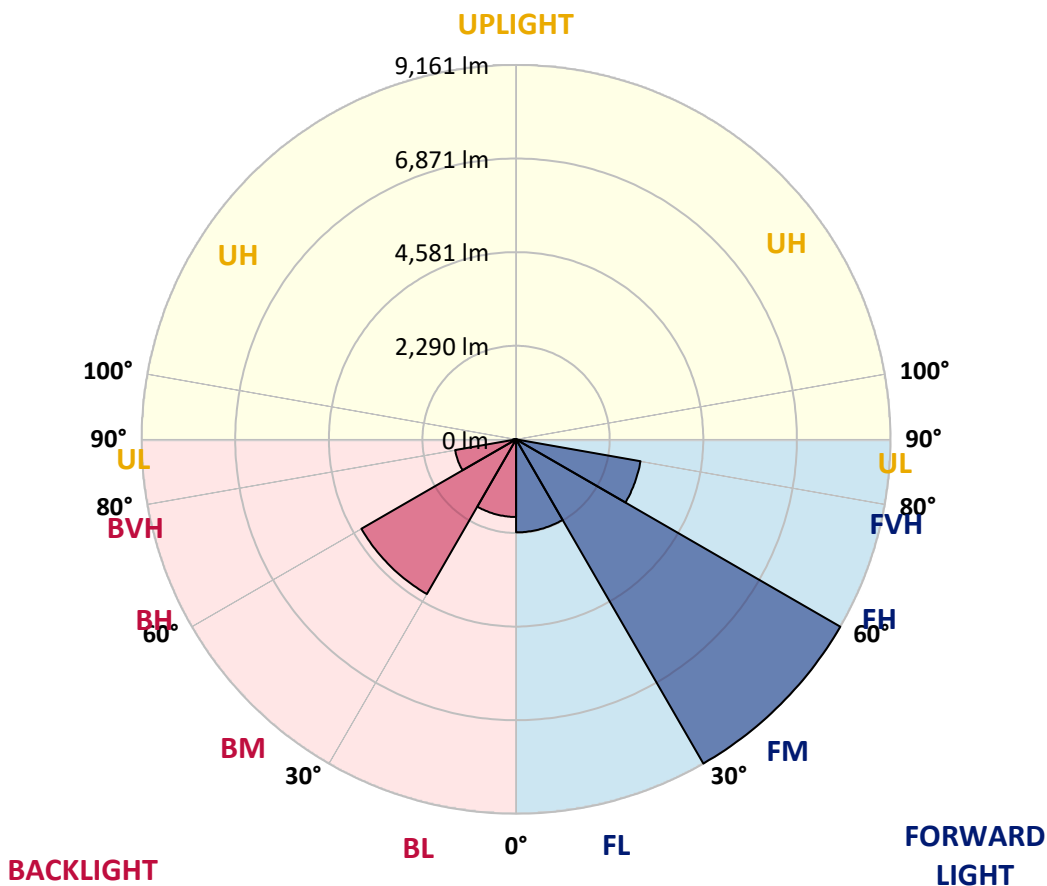
CATALOG NUMBER: GWS-SA6C-760-U-SLR-W-GRSWH

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 2275.8 | 10.2      |                         |      |         |
| FM (30°-60°)   | 9161.3 | 40.9      |                         |      |         |
| FH (60°-80°)   | 3092.3 | 13.8      |                         |      | G2/5000 |
| FVH (80°-90°)  | 27.3   | 0.1       |                         |      | G1/100  |
| BL (0°-30°)    | 1898.9 | 8.5       | B3/2500                 |      |         |
| BM (30°-60°)   | 4370.5 | 19.5      | B3/5000                 |      |         |
| BH (60°-80°)   | 1514.1 | 6.8       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 73.3   | 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°    | 4604.4  | 4604.4  | 4604.4  | 4604.4  | 4604.4  | 4604.4  | 4604.4  | 4604.4  | 4604.4  | 4604.4  | 4604.4  |
| 2.5°  | 4815.9  | 4848.8  | 4869.3  | 4908.3  | 4978.2  | 5017.2  | 5060.3  | 5013.1  | 5025.4  | 5019.2  | 4943.2  |
| 5°    | 5101.4  | 5140.4  | 5193.8  | 5308.8  | 5438.2  | 5510.1  | 5577.8  | 5567.6  | 5503.9  | 5397.1  | 5321.1  |
| 7.5°  | 5368.4  | 5413.5  | 5506.0  | 5692.8  | 5883.8  | 5994.7  | 6076.9  | 6023.5  | 5970.1  | 5801.7  | 5610.7  |
| 10°   | 5577.8  | 5604.5  | 5729.8  | 5980.4  | 6202.2  | 6327.4  | 6428.1  | 6415.8  | 6341.8  | 6152.9  | 5896.2  |
| 12.5° | 5775.0  | 5793.5  | 5929.0  | 6179.6  | 6378.8  | 6434.2  | 6516.4  | 6543.1  | 6518.4  | 6376.7  | 6124.1  |
| 15°   | 5986.5  | 6021.4  | 6146.7  | 6337.7  | 6428.1  | 6370.6  | 6399.3  | 6473.3  | 6543.1  | 6543.1  | 6311.0  |
| 17.5° | 6183.7  | 6214.5  | 6341.8  | 6424.0  | 6337.7  | 6185.7  | 6194.0  | 6288.4  | 6454.8  | 6629.3  | 6481.5  |
| 20°   | 6358.2  | 6387.0  | 6512.3  | 6434.2  | 6161.1  | 5939.3  | 5933.1  | 6048.1  | 6317.2  | 6684.8  | 6664.2  |
| 22.5° | 6549.2  | 6590.3  | 6695.1  | 6442.4  | 5996.8  | 5715.4  | 5713.4  | 5832.5  | 6196.0  | 6740.2  | 6873.7  |
| 25°   | 6820.3  | 6884.0  | 6937.4  | 6514.3  | 5908.5  | 5569.6  | 5596.3  | 5709.3  | 6157.0  | 6830.6  | 7183.8  |
| 27.5° | 7222.9  | 7274.2  | 7270.1  | 6664.2  | 5904.4  | 5510.1  | 5565.5  | 5697.0  | 6226.8  | 6990.8  | 7510.4  |
| 30°   | 7658.2  | 7684.9  | 7641.8  | 6873.7  | 5998.9  | 5547.0  | 5629.2  | 5785.3  | 6403.4  | 7255.7  | 7990.9  |
| 32.5° | 8140.9  | 8173.7  | 8091.6  | 7187.9  | 6218.6  | 5820.2  | 6000.9  | 6076.9  | 6651.9  | 7637.7  | 8500.3  |
| 35°   | 8695.4  | 8759.0  | 8588.6  | 7602.8  | 6865.5  | 6816.2  | 7079.1  | 6980.5  | 7179.7  | 8089.5  | 9044.5  |
| 37.5° | 9278.6  | 9280.7  | 9036.3  | 8216.8  | 8134.7  | 8218.9  | 8744.6  | 8436.6  | 8299.0  | 8592.7  | 9599.0  |
| 40°   | 9773.5  | 9761.2  | 9385.4  | 9044.5  | 9239.6  | 9574.3  | 10208.9 | 9736.6  | 9375.1  | 9268.3  | 10059.0 |
| 42.5° | 10268.5 | 10223.3 | 9843.4  | 9570.2  | 10001.5 | 10689.5 | 11406.2 | 10827.1 | 10065.2 | 9882.4  | 10512.9 |
| 45°   | 10901.0 | 10886.7 | 10428.7 | 9779.7  | 10689.5 | 11938.1 | 12889.0 | 11950.5 | 10473.9 | 10239.7 | 11268.6 |
| 47.5° | 11921.7 | 11851.9 | 10999.6 | 9763.3  | 11334.4 | 13601.6 | 14803.1 | 13365.5 | 10759.3 | 10248.0 | 12488.5 |
| 50°   | 12919.8 | 12833.6 | 11681.4 | 9761.2  | 11999.8 | 15326.7 | 17062.1 | 15084.4 | 11050.9 | 10297.2 | 13729.0 |
| 52.5° | 13928.2 | 13928.2 | 12800.7 | 9993.3  | 12698.0 | 17253.1 | 19672.4 | 17226.4 | 11547.9 | 10942.1 | 15254.9 |
| 55°   | 14527.9 | 14688.0 | 14059.6 | 10385.5 | 13515.4 | 19520.4 | 22253.9 | 19538.9 | 12316.0 | 12106.5 | 16663.7 |
| 57.5° | 13765.9 | 14065.8 | 13975.4 | 10112.4 | 13998.0 | 21185.9 | 24443.1 | 21292.7 | 12696.0 | 12244.1 | 16452.2 |
| 60°   | 11217.3 | 11634.2 | 11841.6 | 8732.3  | 13521.5 | 21379.0 | 24901.1 | 21407.7 | 11911.4 | 10426.6 | 14092.5 |
| 62.5° | 7457.0  | 7799.9  | 8116.2  | 6239.1  | 11706.1 | 19232.9 | 22023.9 | 19239.0 | 9948.1  | 7781.5  | 9763.3  |
| 65°   | 3657.6  | 3912.3  | 4253.2  | 3688.4  | 9145.1  | 16070.2 | 17171.0 | 15546.5 | 7196.2  | 4355.9  | 4980.2  |
| 67.5° | 957.0   | 1028.9  | 1076.1  | 1431.4  | 6551.3  | 11545.9 | 11198.8 | 11371.3 | 4622.9  | 1423.2  | 1302.0  |
| 70°   | 497.0   | 501.1   | 499.0   | 591.5   | 4427.8  | 7337.9  | 7717.8  | 7140.7  | 3226.4  | 595.6   | 513.4   |
| 72.5° | 355.3   | 357.3   | 351.2   | 398.4   | 2137.9  | 4203.9  | 4355.9  | 4308.7  | 1690.2  | 353.2   | 351.2   |
| 75°   | 232.1   | 234.1   | 230.0   | 234.1   | 322.4   | 478.5   | 441.5   | 464.1   | 281.4   | 223.9   | 223.9   |
| 77.5° | 137.6   | 139.7   | 137.6   | 141.7   | 137.6   | 137.6   | 127.3   | 127.3   | 121.2   | 121.2   | 123.2   |
| 80°   | 92.4    | 92.4    | 90.4    | 94.5    | 86.3    | 86.3    | 82.1    | 80.1    | 73.9    | 71.9    | 71.9    |
| 82.5° | 55.4    | 57.5    | 55.4    | 55.4    | 51.3    | 51.3    | 47.2    | 45.2    | 39.0    | 39.0    | 37.0    |
| 85°   | 28.8    | 28.8    | 26.7    | 26.7    | 22.6    | 20.5    | 16.4    | 16.4    | 12.3    | 10.3    | 10.3    |
| 87.5° | 4.1     | 4.1     | 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°    | 4604.4  | 4604.4  | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 |
| 2.5°  | 4922.7  | 4881.6  | 4820.0 | 4760.5 | 4705.0 | 4647.5 | 4581.8 | 4514.0 | 4456.5 | 4397.0 | 4366.2 |
| 5°    | 5220.5  | 5136.3  | 4976.1 | 4834.4 | 4707.1 | 4602.3 | 4489.4 | 4392.9 | 4302.5 | 4228.6 | 4191.6 |
| 7.5°  | 5489.5  | 5358.1  | 5115.8 | 4891.9 | 4719.4 | 4575.6 | 4419.6 | 4275.8 | 4154.6 | 4064.3 | 4029.4 |
| 10°   | 5738.0  | 5581.9  | 5263.6 | 4980.2 | 4779.0 | 4618.8 | 4427.8 | 4232.7 | 4072.5 | 3953.4 | 3924.6 |
| 12.5° | 5939.3  | 5760.6  | 5380.7 | 5052.1 | 4813.9 | 4641.4 | 4473.0 | 4304.6 | 4146.4 | 3992.4 | 3967.7 |
| 15°   | 6118.0  | 5906.4  | 5469.0 | 5097.3 | 4801.5 | 4581.8 | 4440.1 | 4419.6 | 4419.6 | 4245.0 | 4195.7 |
| 17.5° | 6272.0  | 6039.9  | 5540.9 | 5117.8 | 4723.5 | 4405.2 | 4318.9 | 4497.6 | 4698.9 | 4573.6 | 4462.7 |
| 20°   | 6448.6  | 6167.3  | 5600.4 | 5117.8 | 4579.7 | 4181.3 | 4173.1 | 4477.1 | 4774.8 | 4776.9 | 4659.8 |
| 22.5° | 6627.3  | 6315.1  | 5670.3 | 5099.3 | 4382.6 | 3922.6 | 4074.5 | 4394.9 | 4659.8 | 4772.8 | 4692.7 |
| 25°   | 6916.9  | 6520.5  | 5781.2 | 5085.0 | 4152.6 | 3745.9 | 3986.2 | 4286.1 | 4509.9 | 4629.0 | 4577.7 |
| 27.5° | 7284.5  | 6791.6  | 5949.6 | 5107.5 | 3924.6 | 3641.2 | 3891.8 | 4144.4 | 4347.7 | 4452.4 | 4415.4 |
| 30°   | 7695.2  | 7103.7  | 6130.3 | 5146.6 | 3760.3 | 3587.8 | 3778.8 | 3982.1 | 4162.8 | 4267.6 | 4251.2 |
| 32.5° | 8218.9  | 7442.6  | 6286.4 | 5093.2 | 3667.9 | 3561.1 | 3659.7 | 3805.5 | 3980.1 | 4045.8 | 4060.2 |
| 35°   | 8845.3  | 7816.4  | 6405.5 | 4883.7 | 3583.7 | 3532.4 | 3530.3 | 3620.7 | 3743.9 | 3848.6 | 3858.9 |
| 37.5° | 9422.4  | 8253.8  | 6536.9 | 4524.3 | 3431.7 | 3460.5 | 3378.3 | 3431.7 | 3552.9 | 3657.6 | 3698.7 |
| 40°   | 9993.3  | 8697.4  | 6719.7 | 4066.3 | 3232.5 | 3300.3 | 3203.8 | 3240.7 | 3337.3 | 3474.9 | 3540.6 |
| 42.5° | 10547.8 | 9097.9  | 6912.7 | 3598.1 | 3033.3 | 3076.4 | 3004.6 | 3041.5 | 3142.2 | 3314.7 | 3388.6 |
| 45°   | 11151.6 | 9640.1  | 7062.7 | 3156.5 | 2860.8 | 2842.3 | 2784.8 | 2838.2 | 2990.2 | 3179.1 | 3267.4 |
| 47.5° | 12293.4 | 10494.4 | 7161.2 | 2862.9 | 2768.4 | 2634.9 | 2569.2 | 2684.2 | 2856.7 | 3047.7 | 3154.5 |
| 50°   | 13687.9 | 11730.7 | 7132.5 | 2676.0 | 2688.3 | 2421.3 | 2398.7 | 2550.7 | 2735.5 | 2934.7 | 3051.8 |
| 52.5° | 14792.8 | 12944.5 | 6806.0 | 2497.3 | 2532.2 | 2285.8 | 2220.0 | 2441.8 | 2618.5 | 2821.8 | 2942.9 |
| 55°   | 15636.9 | 13353.1 | 5803.7 | 2285.8 | 2277.6 | 2187.2 | 2049.6 | 2328.9 | 2501.4 | 2690.3 | 2821.8 |
| 57.5° | 14948.9 | 12443.4 | 4302.5 | 1994.1 | 1944.9 | 1992.1 | 1858.6 | 2137.9 | 2357.6 | 2544.5 | 2661.6 |
| 60°   | 12406.4 | 9921.4  | 2396.7 | 1766.2 | 1626.5 | 1741.5 | 1721.0 | 1936.6 | 2201.6 | 2398.7 | 2499.3 |
| 62.5° | 8422.2  | 6606.7  | 1421.2 | 1396.5 | 1318.5 | 1482.8 | 1591.6 | 1733.3 | 1994.1 | 2154.3 | 2248.8 |
| 65°   | 4197.8  | 3209.9  | 944.7  | 1045.3 | 1055.6 | 1219.9 | 1425.3 | 1581.3 | 1799.0 | 1963.3 | 2057.8 |
| 67.5° | 1217.8  | 998.1   | 718.8  | 798.9  | 909.8  | 1041.2 | 1205.5 | 1390.4 | 1601.9 | 1797.0 | 1907.9 |
| 70°   | 525.7   | 531.9   | 570.9  | 665.4  | 774.2  | 909.8  | 1074.1 | 1254.8 | 1433.5 | 1583.4 | 1667.6 |
| 72.5° | 371.7   | 386.1   | 429.2  | 525.7  | 628.4  | 757.8  | 922.1  | 1096.7 | 1226.1 | 1378.0 | 1466.3 |
| 75°   | 238.2   | 248.5   | 283.4  | 357.3  | 433.3  | 558.6  | 714.7  | 874.9  | 1008.4 | 1117.2 | 1201.4 |
| 77.5° | 131.4   | 133.5   | 162.2  | 205.4  | 256.7  | 336.8  | 451.8  | 577.1  | 675.7  | 737.3  | 813.3  |
| 80°   | 76.0    | 76.0    | 90.4   | 117.1  | 147.9  | 197.2  | 260.8  | 322.4  | 382.0  | 421.0  | 458.0  |
| 82.5° | 41.1    | 41.1    | 47.2   | 63.7   | 80.1   | 108.8  | 145.8  | 176.6  | 213.6  | 234.1  | 258.8  |
| 85°   | 12.3    | 12.3    | 16.4   | 22.6   | 28.8   | 41.1   | 57.5   | 73.9   | 90.4   | 104.7  | 119.1  |
| 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°    | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 |
| 2.5°  | 4360.0 | 4331.2 | 4314.8 | 4294.3 | 4300.4 | 4282.0 | 4271.7 | 4277.9 | 4240.9 | 4277.9 | 4314.8 |
| 5°    | 4177.2 | 4136.1 | 4103.3 | 4076.6 | 4064.3 | 4039.6 | 4025.2 | 4025.2 | 4002.7 | 4039.6 | 4084.8 |
| 7.5°  | 4017.0 | 3984.2 | 3967.7 | 3951.3 | 3932.8 | 3910.2 | 3885.6 | 3877.4 | 3863.0 | 3902.0 | 3941.0 |
| 10°   | 3910.2 | 3914.3 | 3924.6 | 3947.2 | 3943.1 | 3928.7 | 3891.8 | 3871.2 | 3871.2 | 3916.4 | 3976.0 |
| 12.5° | 3959.5 | 4002.7 | 4027.3 | 4068.4 | 4076.6 | 4064.3 | 4027.3 | 4010.9 | 4051.9 | 4119.7 | 4218.3 |
| 15°   | 4150.5 | 4179.3 | 4199.8 | 4232.7 | 4230.6 | 4220.3 | 4191.6 | 4203.9 | 4339.5 | 4470.9 | 4559.2 |
| 17.5° | 4357.9 | 4325.1 | 4321.0 | 4341.5 | 4347.7 | 4335.4 | 4318.9 | 4374.4 | 4598.2 | 4721.5 | 4766.6 |
| 20°   | 4507.9 | 4394.9 | 4370.3 | 4378.5 | 4394.9 | 4388.8 | 4388.8 | 4479.1 | 4711.2 | 4768.7 | 4711.2 |
| 22.5° | 4553.0 | 4392.9 | 4355.9 | 4357.9 | 4380.5 | 4382.6 | 4392.9 | 4487.3 | 4622.9 | 4624.9 | 4536.6 |
| 25°   | 4481.2 | 4327.1 | 4300.4 | 4304.6 | 4331.2 | 4329.2 | 4333.3 | 4386.7 | 4446.3 | 4421.6 | 4355.9 |
| 27.5° | 4345.6 | 4212.1 | 4203.9 | 4226.5 | 4261.4 | 4242.9 | 4230.6 | 4245.0 | 4273.7 | 4242.9 | 4185.4 |
| 30°   | 4191.6 | 4078.6 | 4082.8 | 4125.9 | 4162.8 | 4132.0 | 4101.2 | 4109.4 | 4111.5 | 4078.6 | 4012.9 |
| 32.5° | 4029.4 | 3945.2 | 3959.5 | 4004.7 | 4047.8 | 4015.0 | 3982.1 | 3978.0 | 3939.0 | 3900.0 | 3836.3 |
| 35°   | 3867.1 | 3834.3 | 3852.7 | 3889.7 | 3926.7 | 3900.0 | 3879.4 | 3867.1 | 3782.9 | 3725.4 | 3672.0 |
| 37.5° | 3719.2 | 3743.9 | 3776.7 | 3799.3 | 3811.7 | 3809.6 | 3797.3 | 3768.5 | 3657.6 | 3589.9 | 3520.0 |
| 40°   | 3587.8 | 3663.8 | 3698.7 | 3709.0 | 3727.5 | 3723.4 | 3721.3 | 3680.2 | 3534.4 | 3462.5 | 3382.4 |
| 42.5° | 3468.7 | 3575.5 | 3635.0 | 3645.3 | 3655.6 | 3657.6 | 3651.5 | 3591.9 | 3425.6 | 3341.4 | 3265.4 |
| 45°   | 3353.7 | 3493.3 | 3569.3 | 3559.1 | 3573.4 | 3573.4 | 3579.6 | 3501.6 | 3318.8 | 3232.5 | 3152.4 |
| 47.5° | 3253.1 | 3417.4 | 3487.2 | 3474.9 | 3483.1 | 3489.2 | 3495.4 | 3405.0 | 3201.7 | 3119.6 | 3037.4 |
| 50°   | 3160.6 | 3335.2 | 3394.8 | 3398.9 | 3398.9 | 3413.2 | 3411.2 | 3322.9 | 3103.1 | 3014.8 | 2932.7 |
| 52.5° | 3062.1 | 3251.0 | 3314.7 | 3341.4 | 3349.6 | 3355.7 | 3327.0 | 3224.3 | 3002.5 | 2895.7 | 2819.7 |
| 55°   | 2947.1 | 3164.7 | 3222.3 | 3257.2 | 3273.6 | 3269.5 | 3230.5 | 3125.7 | 2899.8 | 2793.0 | 2706.8 |
| 57.5° | 2772.5 | 2979.9 | 3062.1 | 3078.5 | 3105.2 | 3088.8 | 3043.6 | 2955.3 | 2735.5 | 2628.7 | 2540.4 |
| 60°   | 2581.5 | 2731.4 | 2797.1 | 2811.5 | 2791.0 | 2797.1 | 2791.0 | 2706.8 | 2515.8 | 2431.6 | 2341.2 |
| 62.5° | 2330.9 | 2464.4 | 2534.3 | 2552.7 | 2517.8 | 2540.4 | 2532.2 | 2427.5 | 2236.5 | 2148.2 | 2068.1 |
| 65°   | 2142.0 | 2287.8 | 2370.0 | 2380.2 | 2370.0 | 2380.2 | 2351.5 | 2224.2 | 2043.4 | 1953.1 | 1870.9 |
| 67.5° | 1994.1 | 2144.1 | 2230.3 | 2259.1 | 2248.8 | 2246.7 | 2201.6 | 2053.7 | 1866.8 | 1768.2 | 1663.5 |
| 70°   | 1739.5 | 1870.9 | 1981.8 | 2051.6 | 2051.6 | 2012.6 | 1926.4 | 1788.8 | 1638.9 | 1554.6 | 1472.5 |
| 72.5° | 1540.3 | 1706.6 | 1815.5 | 1887.3 | 1901.7 | 1879.1 | 1758.0 | 1612.2 | 1439.6 | 1355.4 | 1269.2 |
| 75°   | 1269.2 | 1431.4 | 1548.5 | 1643.0 | 1661.4 | 1636.8 | 1497.1 | 1353.4 | 1193.2 | 1111.1 | 1024.8 |
| 77.5° | 848.2  | 944.7  | 1039.2 | 1125.4 | 1106.9 | 1123.4 | 1028.9 | 920.1  | 821.5  | 759.9  | 720.8  |
| 80°   | 478.5  | 542.2  | 570.9  | 618.2  | 618.2  | 618.2  | 556.6  | 505.2  | 449.8  | 414.8  | 375.8  |
| 82.5° | 271.1  | 312.2  | 324.5  | 363.5  | 373.8  | 375.8  | 334.8  | 301.9  | 267.0  | 248.5  | 221.8  |
| 85°   | 125.3  | 147.9  | 149.9  | 172.5  | 180.7  | 197.2  | 178.7  | 156.1  | 135.5  | 127.3  | 110.9  |
| 87.5° | 4.1    | 12.3   | 16.4   | 30.8   | 41.1   | 47.2   | 51.3   | 51.3   | 43.1   | 39.0   | 32.9   |
| 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: P642334

CATALOG NUMBER: GWS-SA6C-760-U-SLR-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 359°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4 | 4604.4  | 4604.4  | 4604.4  |
| 2.5°  | 4360.0 | 4409.3 | 4466.8 | 4507.9 | 4581.8 | 4643.4 | 4707.1 | 4776.9  | 4828.2  | 4815.9  |
| 5°    | 4140.3 | 4222.4 | 4327.1 | 4423.7 | 4561.3 | 4700.9 | 4854.9 | 5013.1  | 5105.5  | 5101.4  |
| 7.5°  | 4017.0 | 4134.1 | 4261.4 | 4390.8 | 4553.0 | 4754.3 | 4990.5 | 5236.9  | 5362.2  | 5368.4  |
| 10°   | 4082.8 | 4208.0 | 4294.3 | 4403.1 | 4573.6 | 4826.2 | 5109.6 | 5405.3  | 5549.1  | 5577.8  |
| 12.5° | 4290.2 | 4279.9 | 4273.7 | 4351.8 | 4557.2 | 4877.5 | 5224.6 | 5577.8  | 5740.1  | 5775.0  |
| 15°   | 4487.3 | 4275.8 | 4148.5 | 4201.9 | 4483.2 | 4910.4 | 5337.6 | 5766.8  | 5949.6  | 5986.5  |
| 17.5° | 4524.3 | 4203.9 | 3967.7 | 4004.7 | 4366.2 | 4920.7 | 5446.4 | 5951.6  | 6148.8  | 6183.7  |
| 20°   | 4421.6 | 4111.5 | 3836.3 | 3785.0 | 4218.3 | 4894.0 | 5514.2 | 6105.6  | 6321.3  | 6358.2  |
| 22.5° | 4292.2 | 4029.4 | 3737.7 | 3604.2 | 4037.6 | 4867.3 | 5590.2 | 6267.9  | 6516.4  | 6549.2  |
| 25°   | 4156.7 | 3924.6 | 3645.3 | 3442.0 | 3832.2 | 4850.8 | 5717.5 | 6481.5  | 6781.3  | 6820.3  |
| 27.5° | 4012.9 | 3797.3 | 3565.2 | 3364.0 | 3643.3 | 4871.4 | 5898.2 | 6826.5  | 7167.4  | 7222.9  |
| 30°   | 3858.9 | 3670.0 | 3513.9 | 3337.3 | 3513.9 | 4889.9 | 6097.4 | 7179.7  | 7580.2  | 7658.2  |
| 32.5° | 3698.7 | 3552.9 | 3460.5 | 3349.6 | 3433.8 | 4846.7 | 6272.0 | 7576.1  | 8073.1  | 8140.9  |
| 35°   | 3538.5 | 3433.8 | 3392.7 | 3372.2 | 3327.0 | 4688.6 | 6413.7 | 7976.6  | 8635.8  | 8695.4  |
| 37.5° | 3388.6 | 3310.6 | 3298.2 | 3320.8 | 3162.7 | 4429.8 | 6578.0 | 8485.9  | 9188.2  | 9278.6  |
| 40°   | 3248.9 | 3177.1 | 3175.0 | 3170.9 | 2982.0 | 4076.6 | 6799.8 | 9003.4  | 9732.5  | 9773.5  |
| 42.5° | 3119.6 | 3029.2 | 3045.6 | 2996.3 | 2834.1 | 3694.6 | 7009.3 | 9445.0  | 10239.7 | 10268.5 |
| 45°   | 3004.6 | 2885.4 | 2903.9 | 2842.3 | 2764.3 | 3294.1 | 7194.1 | 9966.6  | 10882.5 | 10901.0 |
| 47.5° | 2893.7 | 2766.3 | 2715.0 | 2710.9 | 2752.0 | 2924.5 | 7374.8 | 10970.9 | 11888.9 | 11921.7 |
| 50°   | 2791.0 | 2653.4 | 2507.6 | 2597.9 | 2676.0 | 2647.2 | 7600.7 | 12047.0 | 12928.0 | 12919.8 |
| 52.5° | 2692.4 | 2511.7 | 2304.2 | 2478.8 | 2478.8 | 2441.8 | 7537.1 | 12700.1 | 13786.5 | 13928.2 |
| 55°   | 2579.4 | 2283.7 | 2092.7 | 2279.6 | 2189.2 | 2257.0 | 6409.6 | 12913.7 | 14326.6 | 14527.9 |
| 57.5° | 2355.6 | 2002.4 | 1836.0 | 1936.6 | 1801.1 | 2092.7 | 4604.4 | 11853.9 | 13408.6 | 13765.9 |
| 60°   | 2140.0 | 1794.9 | 1686.1 | 1667.6 | 1491.0 | 1706.6 | 2984.0 | 9280.7  | 11036.6 | 11217.3 |
| 62.5° | 1887.3 | 1616.3 | 1523.8 | 1382.1 | 1199.4 | 1242.5 | 1807.3 | 6107.7  | 7415.9  | 7457.0  |
| 65°   | 1696.4 | 1464.3 | 1287.7 | 1119.3 | 981.7  | 901.6  | 1067.9 | 2945.0  | 3706.9  | 3657.6  |
| 67.5° | 1456.1 | 1254.8 | 1086.4 | 965.2  | 852.3  | 751.7  | 710.6  | 874.9   | 989.9   | 957.0   |
| 70°   | 1295.9 | 1102.8 | 940.6  | 825.6  | 720.8  | 620.2  | 548.3  | 515.5   | 505.2   | 497.0   |
| 72.5° | 1117.2 | 948.8  | 780.4  | 669.5  | 570.9  | 478.5  | 412.8  | 373.8   | 363.5   | 355.3   |
| 75°   | 891.3  | 733.2  | 579.1  | 474.4  | 388.1  | 322.4  | 279.3  | 246.4   | 240.3   | 232.1   |
| 77.5° | 589.4  | 470.3  | 345.0  | 281.4  | 230.0  | 195.1  | 166.3  | 145.8   | 141.7   | 137.6   |
| 80°   | 324.5  | 271.1  | 211.5  | 170.5  | 137.6  | 119.1  | 108.8  | 96.5    | 94.5    | 92.4    |
| 82.5° | 193.0  | 162.2  | 121.2  | 96.5   | 80.1   | 71.9   | 65.7   | 59.6    | 57.5    | 55.4    |
| 85°   | 96.5   | 76.0   | 53.4   | 45.2   | 41.1   | 37.0   | 37.0   | 30.8    | 28.8    | 28.8    |
| 87.5° | 24.6   | 20.5   | 12.3   | 10.3   | 10.3   | 10.3   | 8.2    | 6.2     | 6.2     | 4.1     |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

(END OF REPORT)