

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: P643818

Luminaire Tested: GWS-SA6F-760-U-SLR-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643818
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-42)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SAGF-760-U-SLR-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (96) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26788.3 lumens
Efficiency: N/A
Efficacy: 71.9 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

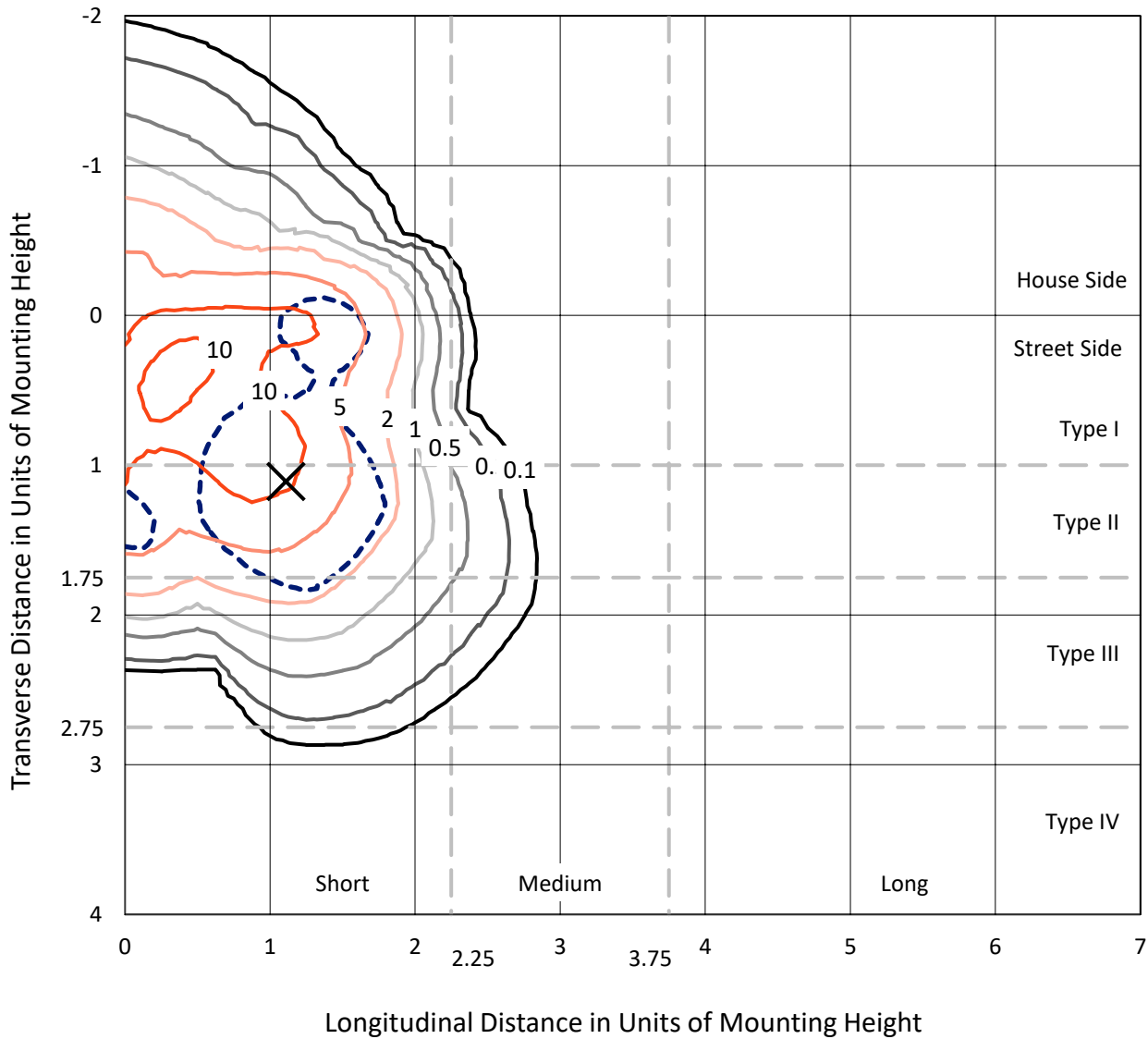
Input Watts (W): 372.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P643818
 CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

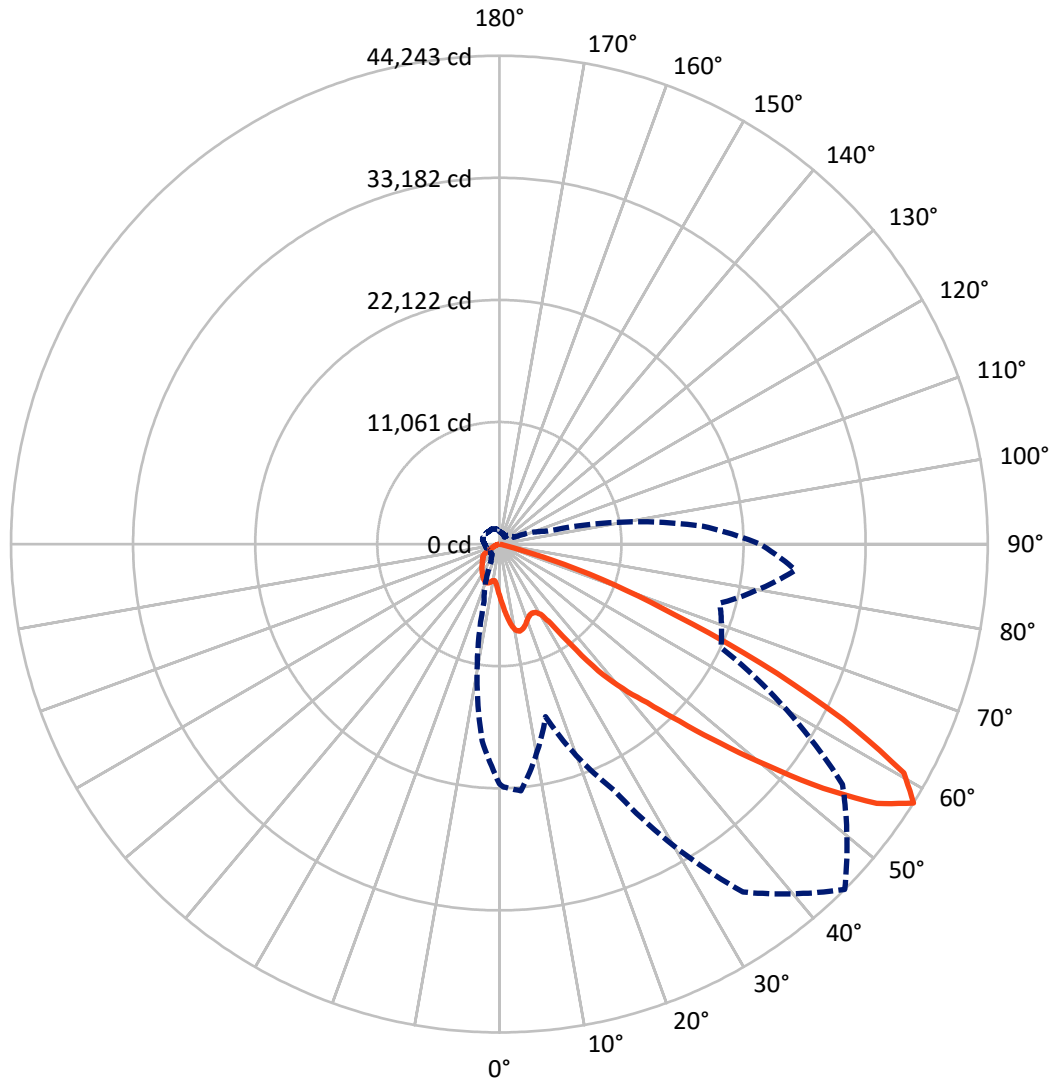
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.4 fc
 Type III - Short - N/A

REPORT NUMBER: P643818
CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P643818
 CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSBK

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5998.6 | 0.0 | 5998.6 |
| | % Fixture | 22.4 | 0.0 | 22.4 |
| Street Side | Lumens | 20789.7 | 0.0 | 20789.7 |
| | % Fixture | 77.6 | 0.0 | 77.6 |
| Total | Lumens | 26788.3 | 0.0 | 26788.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 463.2 | 1.7 |
| 10°-20° | 1498.4 | 5.6 |
| 20°-30° | 2434.1 | 9.1 |
| 30°-40° | 3761.0 | 14.0 |
| 40°-50° | 6030.7 | 22.5 |
| 50°-60° | 8242.4 | 30.8 |
| 60°-70° | 3992.0 | 14.9 |
| 70°-80° | 365.5 | 1.4 |
| 80°-90° | 1.1 | 0.0 |
| 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° | 26788.3 | 100.0 |
| 0°-180° | 26788.3 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P643818

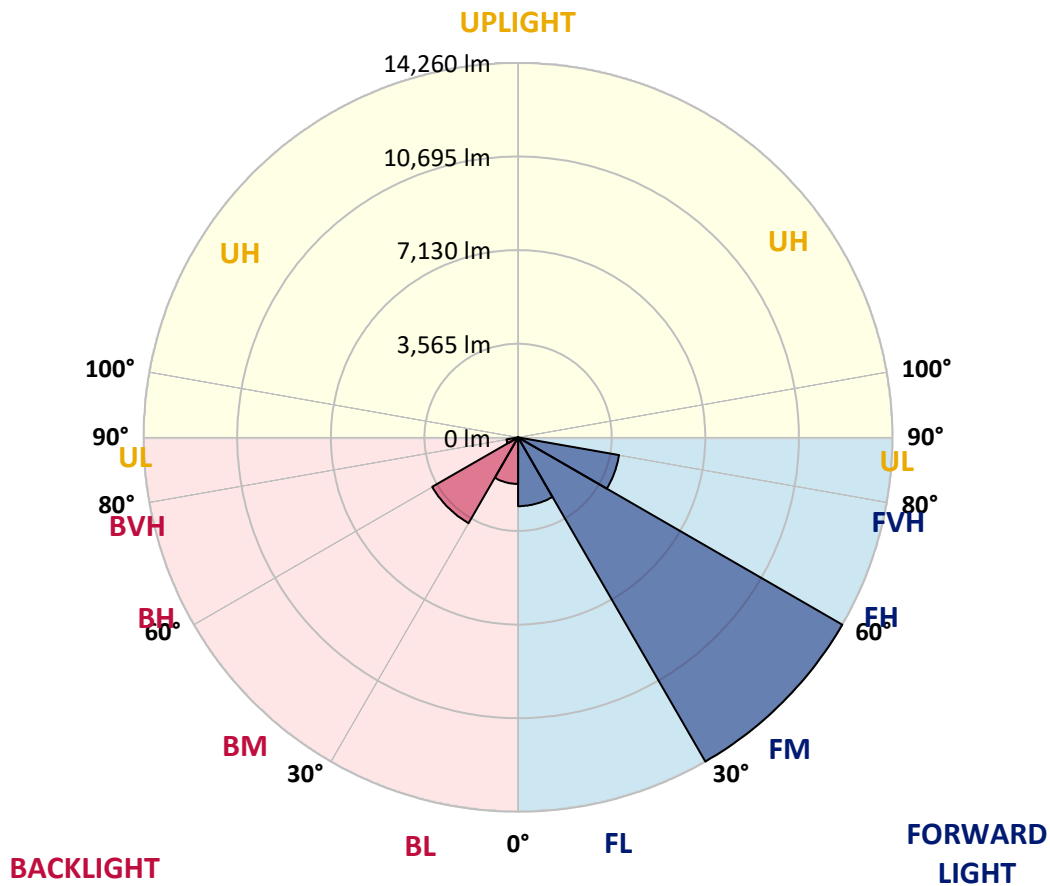
CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2620.7 | 9.8 | | | |
| FM (30°-60°) | 14260.0 | 53.2 | | | |
| FH (60°-80°) | 3907.9 | 14.6 | | | G2/5000 |
| FVH (80°-90°) | 1.1 | 0.0 | | | G0/10 |
| BL (0°-30°) | 1774.9 | 6.6 | B3/2500 | | |
| BM (30°-60°) | 3774.1 | 14.1 | B3/5000 | | |
| BH (60°-80°) | 449.6 | 1.7 | B1/500 | | G1/500 |
| BVH (80°-90°) | 0.0 | 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-G2

Type III Short





REPORT NUMBER: P643818

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 |
| 2.5° | 5100.7 | 5133.1 | 5187.1 | 5302.3 | 5399.5 | 5464.3 | 5493.1 | 5485.9 | 5446.3 | 5417.5 | 5359.9 |
| 5° | 5647.8 | 5647.8 | 5752.2 | 6015.0 | 6216.6 | 6342.6 | 6407.4 | 6367.8 | 6288.6 | 6162.6 | 5968.2 |
| 7.5° | 6126.6 | 6144.6 | 6321.0 | 6695.3 | 7001.3 | 7181.3 | 7285.7 | 7264.1 | 7123.7 | 6882.5 | 6493.8 |
| 10° | 6501.0 | 6522.6 | 6756.5 | 7213.7 | 7573.6 | 7757.2 | 7912.0 | 7926.4 | 7771.6 | 7451.3 | 7004.9 |
| 12.5° | 6864.5 | 6886.1 | 7130.9 | 7570.0 | 7886.8 | 7962.4 | 8099.2 | 8153.2 | 8113.6 | 7886.8 | 7422.5 |
| 15° | 7256.9 | 7307.3 | 7516.1 | 7843.6 | 7976.8 | 7886.8 | 7976.8 | 8074.0 | 8207.2 | 8185.6 | 7768.0 |
| 17.5° | 7642.0 | 7678.0 | 7890.4 | 8005.6 | 7858.0 | 7624.0 | 7667.2 | 7782.4 | 8084.8 | 8380.0 | 8110.0 |
| 20° | 7998.4 | 8048.8 | 8225.2 | 8074.0 | 7627.6 | 7264.1 | 7267.7 | 7418.9 | 7879.6 | 8498.8 | 8459.2 |
| 22.5° | 8372.8 | 8448.4 | 8574.3 | 8149.6 | 7415.3 | 6979.7 | 6997.7 | 7134.5 | 7717.6 | 8610.3 | 8855.1 |
| 25° | 8862.3 | 8934.3 | 9017.1 | 8336.8 | 7346.9 | 6839.3 | 6907.7 | 7033.7 | 7717.6 | 8801.1 | 9344.7 |
| 27.5° | 9524.7 | 9575.0 | 9578.6 | 8685.9 | 7465.7 | 6860.9 | 7004.9 | 7148.9 | 7948.0 | 9182.7 | 9999.8 |
| 30° | 10356.2 | 10435.4 | 10331.0 | 9229.5 | 7836.4 | 7148.9 | 7361.3 | 7541.2 | 8444.8 | 9827.0 | 10964.5 |
| 32.5° | 11367.7 | 11479.3 | 11338.9 | 10035.8 | 8610.3 | 8142.4 | 8527.6 | 8631.9 | 9236.7 | 10759.3 | 12058.8 |
| 35° | 12555.6 | 12649.1 | 12498.0 | 11151.7 | 10417.4 | 10503.8 | 11202.1 | 11068.9 | 10827.7 | 11907.6 | 13336.7 |
| 37.5° | 13858.6 | 13945.0 | 13653.4 | 12843.5 | 13088.3 | 13462.7 | 14578.5 | 14121.4 | 13343.9 | 13387.1 | 14722.5 |
| 40° | 15053.7 | 15147.3 | 14690.1 | 14682.9 | 15186.9 | 15870.8 | 17217.1 | 16587.1 | 15528.9 | 15323.7 | 16022.0 |
| 42.5° | 16292.0 | 16356.8 | 15942.8 | 15662.0 | 16806.7 | 18214.2 | 19639.6 | 18790.1 | 16975.9 | 16752.7 | 17649.0 |
| 45° | 18059.4 | 18196.2 | 17458.3 | 16144.4 | 18264.6 | 20910.3 | 22897.3 | 21237.9 | 17962.2 | 17782.2 | 20140.0 |
| 47.5° | 20658.3 | 20759.1 | 19254.5 | 16446.8 | 19621.6 | 24268.8 | 26968.5 | 24412.8 | 18829.7 | 18419.4 | 23545.3 |
| 50° | 22807.3 | 22875.7 | 20906.7 | 16777.9 | 21065.1 | 27890.0 | 31608.5 | 28178.0 | 19805.2 | 19474.1 | 26723.7 |
| 52.5° | 24391.2 | 24650.3 | 23077.3 | 17458.3 | 22962.1 | 32148.4 | 36745.1 | 32638.0 | 21327.9 | 21511.5 | 29358.7 |
| 55° | 24718.7 | 25071.5 | 24560.4 | 17875.8 | 24632.3 | 36486.0 | 41489.5 | 36630.0 | 22846.9 | 23055.7 | 30244.2 |
| 57.5° | 21723.8 | 22004.6 | 22429.4 | 16191.2 | 24592.8 | 38473.0 | 44243.2 | 37954.6 | 22155.8 | 20676.3 | 26928.9 |
| 60° | 16274.0 | 16468.4 | 17238.7 | 12375.6 | 22616.5 | 36716.3 | 42097.8 | 35701.2 | 19373.3 | 15777.2 | 20518.0 |
| 62.5° | 9650.6 | 9737.0 | 10712.5 | 8016.4 | 18772.1 | 31619.3 | 34912.9 | 30805.7 | 15309.3 | 10611.7 | 12566.3 |
| 65° | 3704.0 | 3668.0 | 4413.2 | 3956.0 | 13804.6 | 25186.7 | 25967.8 | 23484.1 | 10503.8 | 4863.1 | 4791.1 |
| 67.5° | 572.3 | 547.1 | 737.9 | 1169.9 | 9956.6 | 17454.7 | 17134.3 | 16925.5 | 6580.1 | 1133.9 | 989.9 |
| 70° | 129.6 | 129.6 | 158.4 | 345.6 | 6083.4 | 10255.4 | 10975.3 | 10464.2 | 4211.6 | 241.2 | 129.6 |
| 72.5° | 61.2 | 61.2 | 75.6 | 147.6 | 2203.0 | 4226.0 | 4924.3 | 4848.7 | 1367.9 | 79.2 | 46.8 |
| 75° | 21.6 | 25.2 | 25.2 | 32.4 | 133.2 | 219.6 | 503.9 | 360.0 | 86.4 | 0.0 | 0.0 |
| 77.5° | 7.2 | 7.2 | 7.2 | 7.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 3.6 | 3.6 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 3.6 | 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: P643818

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 |
| 2.5° | 5233.9 | 5208.7 | 5115.1 | 4989.1 | 4866.7 | 4758.7 | 4647.1 | 4514.0 | 4416.8 | 4305.2 | 4269.2 |
| 5° | 5817.0 | 5658.6 | 5403.1 | 5136.7 | 4891.9 | 4683.1 | 4481.6 | 4265.6 | 4107.2 | 3948.8 | 3894.8 |
| 7.5° | 6310.2 | 6076.2 | 5662.2 | 5262.7 | 4927.9 | 4632.7 | 4341.2 | 4046.0 | 3815.6 | 3628.4 | 3570.8 |
| 10° | 6752.9 | 6483.0 | 5928.6 | 5435.5 | 5014.3 | 4672.3 | 4319.6 | 3948.8 | 3650.0 | 3426.9 | 3372.9 |
| 12.5° | 7134.5 | 6821.3 | 6155.4 | 5565.0 | 5050.3 | 4657.9 | 4316.0 | 4020.8 | 3750.8 | 3495.3 | 3426.9 |
| 15° | 7454.9 | 7109.3 | 6346.2 | 5651.4 | 4996.3 | 4478.0 | 4179.2 | 4132.4 | 4110.8 | 3830.0 | 3696.8 |
| 17.5° | 7768.0 | 7379.3 | 6501.0 | 5691.0 | 4845.1 | 4161.2 | 3945.2 | 4157.6 | 4384.4 | 4200.8 | 4031.6 |
| 20° | 8095.6 | 7652.8 | 6659.3 | 5698.2 | 4593.1 | 3804.8 | 3768.8 | 4103.6 | 4391.6 | 4334.0 | 4175.6 |
| 22.5° | 8480.8 | 7994.8 | 6857.3 | 5694.6 | 4276.4 | 3502.5 | 3639.2 | 3999.2 | 4233.2 | 4229.6 | 4103.6 |
| 25° | 9038.7 | 8426.8 | 7123.7 | 5716.2 | 3930.8 | 3268.5 | 3495.3 | 3822.8 | 4013.6 | 4006.4 | 3902.0 |
| 27.5° | 9636.2 | 8941.5 | 7469.3 | 5770.2 | 3635.6 | 3131.7 | 3326.1 | 3581.6 | 3747.2 | 3740.0 | 3650.0 |
| 30° | 10475.0 | 9535.5 | 7800.4 | 5773.8 | 3423.3 | 3059.7 | 3138.9 | 3315.3 | 3473.7 | 3455.7 | 3387.3 |
| 32.5° | 11493.7 | 10205.0 | 8077.6 | 5568.6 | 3290.1 | 2991.3 | 2944.5 | 3034.5 | 3156.9 | 3131.7 | 3113.7 |
| 35° | 12724.7 | 11000.5 | 8315.2 | 5118.7 | 3084.9 | 2854.5 | 2728.5 | 2746.5 | 2832.9 | 2847.3 | 2840.1 |
| 37.5° | 14128.6 | 11947.2 | 8610.3 | 4524.7 | 2807.7 | 2656.5 | 2487.4 | 2473.0 | 2523.3 | 2570.1 | 2606.1 |
| 40° | 15514.5 | 13012.7 | 9009.9 | 3923.6 | 2555.7 | 2404.6 | 2242.6 | 2206.6 | 2228.2 | 2311.0 | 2386.6 |
| 42.5° | 17073.1 | 14247.4 | 9441.9 | 3408.9 | 2383.0 | 2127.4 | 1972.6 | 1904.2 | 1965.4 | 2098.6 | 2188.6 |
| 45° | 19319.3 | 15978.8 | 9863.0 | 2998.5 | 2311.0 | 1882.6 | 1673.8 | 1666.6 | 1735.0 | 1907.8 | 2008.6 |
| 47.5° | 22472.6 | 18217.8 | 10140.2 | 2678.1 | 2307.4 | 1691.8 | 1443.5 | 1486.7 | 1565.8 | 1735.0 | 1850.2 |
| 50° | 25546.7 | 21021.9 | 9834.2 | 2433.4 | 2231.8 | 1565.8 | 1270.7 | 1357.1 | 1436.3 | 1583.8 | 1702.6 |
| 52.5° | 27400.5 | 22530.2 | 8642.7 | 2203.0 | 1997.8 | 1508.2 | 1101.5 | 1252.7 | 1267.1 | 1400.3 | 1526.2 |
| 55° | 27206.1 | 21554.7 | 6619.7 | 1846.6 | 1652.2 | 1425.5 | 925.1 | 1130.3 | 1137.5 | 1238.3 | 1346.3 |
| 57.5° | 23613.6 | 18505.8 | 4546.3 | 1497.5 | 1241.9 | 1177.1 | 763.1 | 953.9 | 1022.3 | 1083.5 | 1162.7 |
| 60° | 17598.6 | 13502.3 | 2026.6 | 1216.7 | 788.3 | 795.5 | 651.5 | 719.9 | 824.3 | 896.3 | 964.7 |
| 62.5° | 10370.6 | 7768.0 | 824.3 | 730.7 | 435.6 | 500.4 | 525.5 | 525.5 | 590.3 | 644.3 | 687.5 |
| 65° | 3920.0 | 2717.7 | 334.8 | 367.2 | 226.8 | 234.0 | 309.6 | 381.6 | 432.0 | 478.8 | 536.3 |
| 67.5° | 687.5 | 475.2 | 172.8 | 136.8 | 133.2 | 118.8 | 158.4 | 248.4 | 277.2 | 313.2 | 338.4 |
| 70° | 115.2 | 97.2 | 72.0 | 68.4 | 61.2 | 64.8 | 104.4 | 176.4 | 194.4 | 205.2 | 216.0 |
| 72.5° | 32.4 | 28.8 | 21.6 | 18.0 | 14.4 | 18.0 | 64.8 | 136.8 | 144.0 | 151.2 | 162.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.2 | 97.2 | 104.4 | 108.0 | 118.8 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.6 | 28.8 | 36.0 | 28.8 |
| 80° | 0.0 | 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: P643818

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 |
| 2.5° | 4247.6 | 4175.6 | 4136.0 | 4114.4 | 4114.4 | 4085.6 | 4053.2 | 4042.4 | 4089.2 | 4089.2 | 4168.4 |
| 5° | 3826.4 | 3768.8 | 3704.0 | 3664.4 | 3603.2 | 3614.0 | 3578.0 | 3574.4 | 3621.2 | 3642.8 | 3725.6 |
| 7.5° | 3534.8 | 3462.9 | 3423.3 | 3398.1 | 3365.7 | 3351.3 | 3318.9 | 3308.1 | 3333.3 | 3369.3 | 3448.5 |
| 10° | 3340.5 | 3329.7 | 3326.1 | 3344.1 | 3344.1 | 3326.1 | 3297.3 | 3279.3 | 3286.5 | 3354.9 | 3444.9 |
| 12.5° | 3390.9 | 3412.5 | 3419.7 | 3448.5 | 3462.9 | 3448.5 | 3426.9 | 3434.1 | 3480.9 | 3606.8 | 3740.0 |
| 15° | 3610.4 | 3592.4 | 3585.2 | 3599.6 | 3610.4 | 3596.0 | 3588.8 | 3642.8 | 3804.8 | 3984.8 | 4136.0 |
| 17.5° | 3844.4 | 3729.2 | 3678.8 | 3678.8 | 3686.0 | 3678.8 | 3686.0 | 3790.4 | 4053.2 | 4233.2 | 4344.8 |
| 20° | 3963.2 | 3750.8 | 3671.6 | 3653.6 | 3668.0 | 3671.6 | 3696.8 | 3815.6 | 4103.6 | 4229.6 | 4254.8 |
| 22.5° | 3927.2 | 3660.8 | 3570.8 | 3556.4 | 3570.8 | 3585.2 | 3610.4 | 3711.2 | 3981.2 | 4046.0 | 4035.2 |
| 25° | 3747.2 | 3484.5 | 3412.5 | 3412.5 | 3444.9 | 3441.3 | 3452.1 | 3524.0 | 3747.2 | 3786.8 | 3768.8 |
| 27.5° | 3520.4 | 3272.1 | 3210.9 | 3246.9 | 3275.7 | 3268.5 | 3272.1 | 3333.3 | 3498.9 | 3509.7 | 3491.7 |
| 30° | 3290.1 | 3074.1 | 3016.5 | 3059.7 | 3099.3 | 3092.1 | 3095.7 | 3156.9 | 3261.3 | 3250.5 | 3225.3 |
| 32.5° | 3056.1 | 2897.7 | 2854.5 | 2879.7 | 2940.9 | 2933.7 | 2948.1 | 3012.9 | 3052.5 | 3005.7 | 2976.9 |
| 35° | 2840.1 | 2757.3 | 2724.9 | 2739.3 | 2786.1 | 2796.9 | 2822.1 | 2865.3 | 2865.3 | 2807.7 | 2757.3 |
| 37.5° | 2638.5 | 2627.7 | 2606.1 | 2588.1 | 2631.3 | 2663.7 | 2699.7 | 2750.1 | 2678.1 | 2595.3 | 2548.5 |
| 40° | 2451.4 | 2498.2 | 2469.4 | 2422.6 | 2447.8 | 2494.6 | 2566.5 | 2606.1 | 2519.7 | 2437.0 | 2357.8 |
| 42.5° | 2278.6 | 2357.8 | 2347.0 | 2289.4 | 2311.0 | 2354.2 | 2437.0 | 2469.4 | 2368.6 | 2275.0 | 2199.4 |
| 45° | 2113.0 | 2224.6 | 2231.8 | 2159.8 | 2181.4 | 2224.6 | 2321.8 | 2332.6 | 2203.0 | 2102.2 | 2048.2 |
| 47.5° | 1969.0 | 2091.4 | 2095.0 | 2041.0 | 2048.2 | 2109.4 | 2199.4 | 2203.0 | 2055.4 | 1961.8 | 1893.4 |
| 50° | 1832.2 | 1972.6 | 1983.4 | 1936.6 | 1943.8 | 2015.8 | 2091.4 | 2077.0 | 1918.6 | 1821.4 | 1760.2 |
| 52.5° | 1666.6 | 1857.4 | 1882.6 | 1861.0 | 1889.8 | 1947.4 | 1994.2 | 1943.8 | 1760.2 | 1663.0 | 1609.0 |
| 55° | 1486.7 | 1735.0 | 1789.0 | 1774.6 | 1807.0 | 1853.8 | 1864.6 | 1832.2 | 1601.8 | 1504.7 | 1454.3 |
| 57.5° | 1277.9 | 1429.1 | 1522.6 | 1493.9 | 1519.0 | 1565.8 | 1598.2 | 1573.0 | 1400.3 | 1324.7 | 1281.5 |
| 60° | 1058.3 | 1159.1 | 1180.7 | 1133.9 | 1112.3 | 1195.1 | 1270.7 | 1238.3 | 1090.7 | 1043.9 | 993.5 |
| 62.5° | 773.9 | 889.1 | 903.5 | 842.3 | 817.1 | 907.1 | 971.9 | 939.5 | 777.5 | 727.1 | 687.5 |
| 65° | 619.1 | 727.1 | 755.9 | 698.3 | 683.9 | 752.3 | 791.9 | 712.7 | 597.5 | 543.5 | 500.4 |
| 67.5° | 406.8 | 493.2 | 568.7 | 565.1 | 536.3 | 557.9 | 529.1 | 464.4 | 381.6 | 352.8 | 324.0 |
| 70° | 252.0 | 302.4 | 349.2 | 367.2 | 363.6 | 356.4 | 316.8 | 270.0 | 244.8 | 234.0 | 219.6 |
| 72.5° | 194.4 | 244.8 | 280.8 | 291.6 | 295.2 | 284.4 | 252.0 | 208.8 | 183.6 | 169.2 | 158.4 |
| 75° | 144.0 | 183.6 | 212.4 | 226.8 | 234.0 | 226.8 | 194.4 | 165.6 | 140.4 | 129.6 | 118.8 |
| 77.5° | 50.4 | 61.2 | 75.6 | 82.8 | 79.2 | 75.6 | 68.4 | 68.4 | 54.0 | 50.4 | 43.2 |
| 80° | 0.0 | 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: P643818

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0° | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 | 4708.3 |
| 2.5° | 4258.4 | 4323.2 | 4442.0 | 4549.9 | 4665.1 | 4783.9 | 4913.5 | 5046.7 | 5107.9 | 5100.7 |
| 5° | 3851.6 | 3992.0 | 4186.4 | 4398.8 | 4636.3 | 4891.9 | 5176.3 | 5467.9 | 5593.8 | 5647.8 |
| 7.5° | 3596.0 | 3794.0 | 4049.6 | 4319.6 | 4632.7 | 4996.3 | 5424.7 | 5881.8 | 6065.4 | 6126.6 |
| 10° | 3628.4 | 3858.8 | 4071.2 | 4334.0 | 4668.7 | 5140.3 | 5673.0 | 6216.6 | 6432.6 | 6501.0 |
| 12.5° | 3891.2 | 3941.6 | 3999.2 | 4215.2 | 4636.3 | 5248.3 | 5899.8 | 6547.7 | 6796.1 | 6864.5 |
| 15° | 4128.8 | 3894.8 | 3786.8 | 3984.8 | 4521.1 | 5323.9 | 6130.2 | 6904.1 | 7177.7 | 7256.9 |
| 17.5° | 4139.6 | 3786.8 | 3545.6 | 3700.4 | 4334.0 | 5356.3 | 6357.0 | 7267.7 | 7566.4 | 7642.0 |
| 20° | 4006.4 | 3668.0 | 3358.5 | 3362.1 | 4078.4 | 5349.1 | 6544.1 | 7595.2 | 7930.0 | 7998.4 |
| 22.5° | 3812.0 | 3527.6 | 3207.3 | 3095.7 | 3804.8 | 5334.7 | 6749.3 | 7944.4 | 8308.0 | 8372.8 |
| 25° | 3596.0 | 3347.7 | 3063.3 | 2894.1 | 3531.2 | 5349.1 | 7037.3 | 8401.6 | 8801.1 | 8862.3 |
| 27.5° | 3362.1 | 3149.7 | 2951.7 | 2814.9 | 3300.9 | 5403.1 | 7382.9 | 8984.7 | 9459.9 | 9524.7 |
| 30° | 3117.3 | 2958.9 | 2879.7 | 2796.9 | 3156.9 | 5417.5 | 7757.2 | 9665.0 | 10266.2 | 10356.2 |
| 32.5° | 2876.1 | 2789.7 | 2793.3 | 2807.7 | 3020.1 | 5316.7 | 8099.2 | 10421.0 | 11223.7 | 11367.7 |
| 35° | 2652.9 | 2627.7 | 2699.7 | 2771.7 | 2822.1 | 5057.5 | 8398.0 | 11313.7 | 12408.0 | 12555.6 |
| 37.5° | 2462.2 | 2483.8 | 2573.7 | 2645.7 | 2606.1 | 4690.3 | 8793.9 | 12429.6 | 13732.6 | 13858.6 |
| 40° | 2278.6 | 2332.6 | 2437.0 | 2469.4 | 2440.6 | 4262.0 | 9269.1 | 13505.9 | 14880.9 | 15053.7 |
| 42.5° | 2109.4 | 2149.0 | 2296.6 | 2303.8 | 2393.8 | 3826.4 | 9726.2 | 14664.9 | 16202.0 | 16292.0 |
| 45° | 1972.6 | 1965.4 | 2116.6 | 2163.4 | 2455.0 | 3344.1 | 10172.6 | 16209.2 | 17929.8 | 18059.4 |
| 47.5° | 1839.4 | 1832.2 | 1868.2 | 2080.6 | 2480.2 | 2897.7 | 10615.3 | 18469.8 | 20435.2 | 20658.3 |
| 50° | 1713.4 | 1724.2 | 1612.6 | 2041.0 | 2343.4 | 2555.7 | 10816.9 | 20561.2 | 22713.7 | 22807.3 |
| 52.5° | 1601.8 | 1562.2 | 1367.9 | 1911.4 | 2051.8 | 2231.8 | 10244.6 | 21511.5 | 24124.8 | 24391.2 |
| 55° | 1443.5 | 1223.9 | 1126.7 | 1551.4 | 1619.8 | 1947.4 | 8390.8 | 20960.7 | 24247.2 | 24718.7 |
| 57.5° | 1234.7 | 961.1 | 957.5 | 1144.7 | 1144.7 | 1807.0 | 5374.3 | 17908.2 | 20895.9 | 21723.8 |
| 60° | 950.3 | 745.1 | 791.9 | 795.5 | 734.3 | 1317.5 | 3016.5 | 12973.1 | 15449.7 | 16274.0 |
| 62.5° | 676.7 | 568.7 | 597.5 | 475.2 | 421.2 | 658.7 | 1447.1 | 7469.3 | 9535.5 | 9650.6 |
| 65° | 453.6 | 385.2 | 313.2 | 262.8 | 259.2 | 280.8 | 597.5 | 2699.7 | 3282.9 | 3704.0 |
| 67.5° | 298.8 | 234.0 | 165.6 | 165.6 | 187.2 | 187.2 | 226.8 | 446.4 | 626.3 | 572.3 |
| 70° | 194.4 | 162.0 | 104.4 | 100.8 | 122.4 | 122.4 | 115.2 | 122.4 | 129.6 | 129.6 |
| 72.5° | 144.0 | 122.4 | 61.2 | 54.0 | 68.4 | 72.0 | 64.8 | 61.2 | 61.2 | 61.2 |
| 75° | 108.0 | 86.4 | 36.0 | 25.2 | 32.4 | 43.2 | 36.0 | 25.2 | 25.2 | 21.6 |
| 77.5° | 43.2 | 32.4 | 14.4 | 10.8 | 18.0 | 25.2 | 21.6 | 10.8 | 7.2 | 7.2 |
| 80° | 3.6 | 7.2 | 7.2 | 7.2 | 10.8 | 14.4 | 18.0 | 7.2 | 3.6 | 3.6 |
| 82.5° | 0.0 | 3.6 | 3.6 | 3.6 | 7.2 | 10.8 | 14.4 | 7.2 | 3.6 | 3.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 7.2 | 10.8 | 7.2 | 3.6 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 10.8 | 7.2 | 3.6 | 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)