

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: P640845

Luminaire Tested: GWS-SA5E-760-U-SLL-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P640845  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-39)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA5E-760-U-SLL-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (80) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

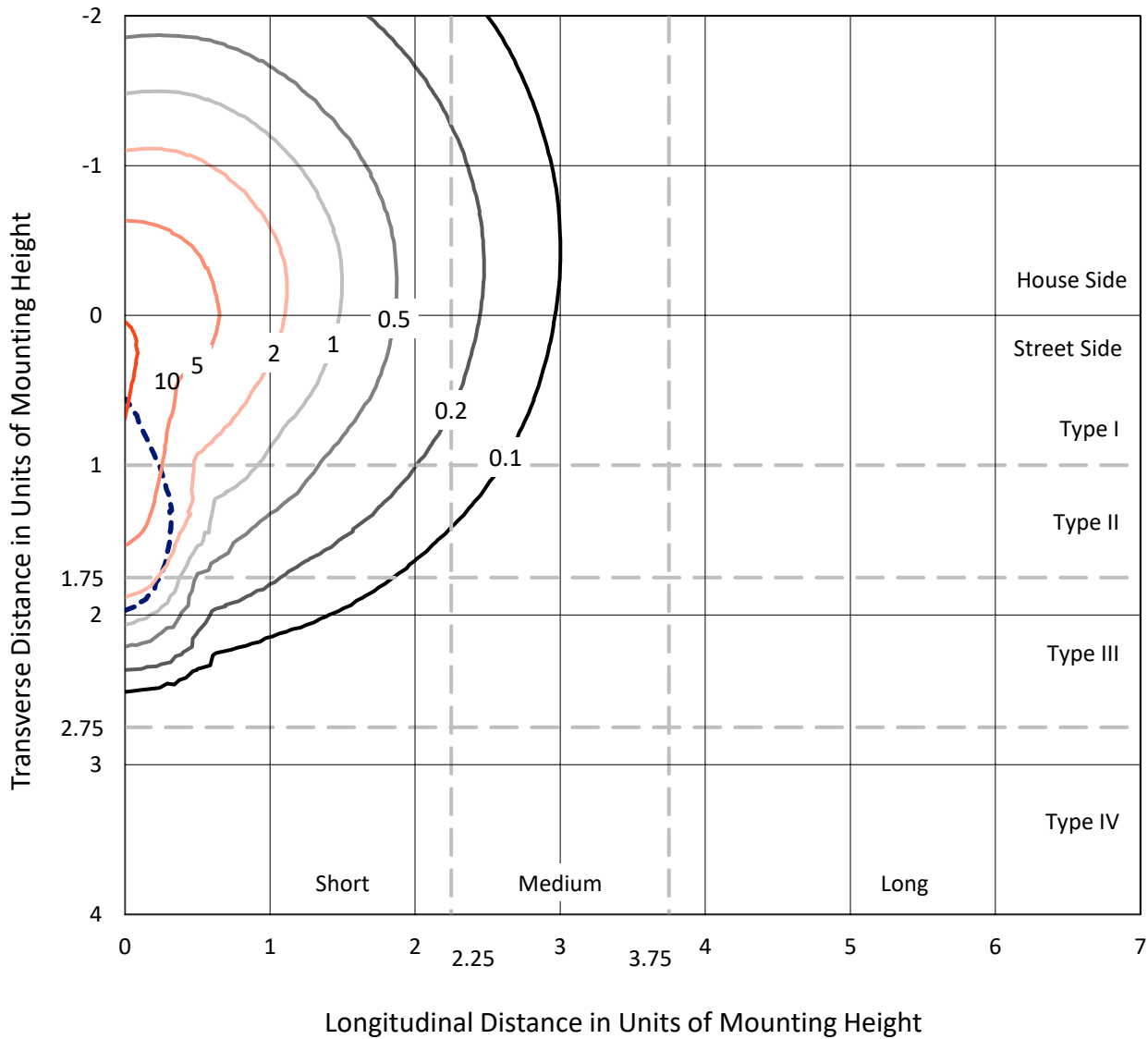
Lumens per Lamp: N/A  
Luminaire Lumens: 29480.8 lumens  
Efficiency: N/A  
Efficacy: 109.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G3  
  
Input Watts (W): 269.6  
Input Voltage (V): 120  
Input Current (Ain): 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



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### Iso-Footcandle Lines of Horizontal Illumination

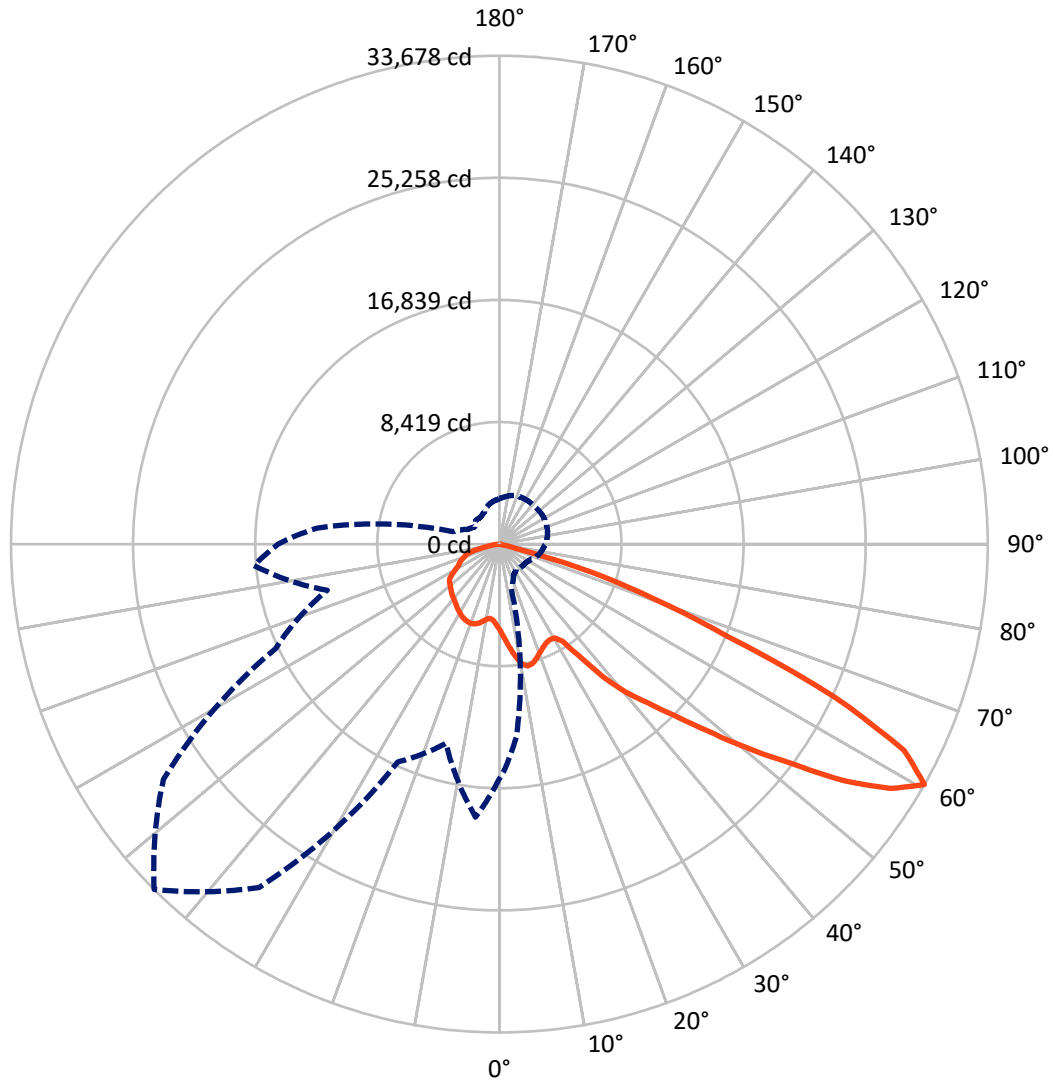
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.5 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

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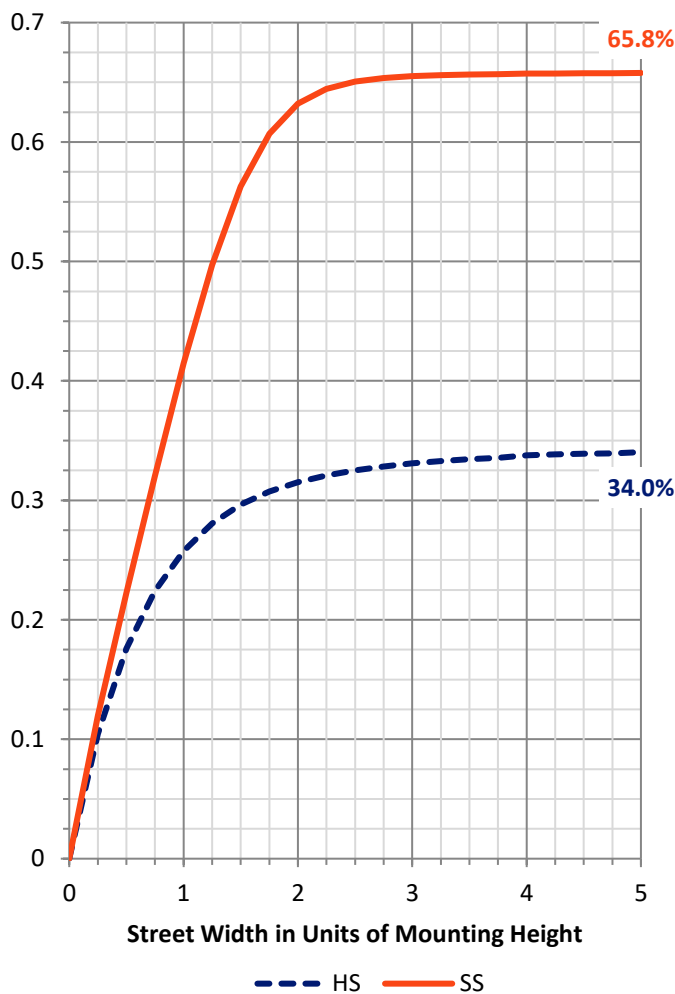
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10085.1	0.0	10085.1
	% Fixture	34.2	0.0	34.2
<b>Street Side</b>	Lumens	19395.7	0.0	19395.7
	% Fixture	65.8	0.0	65.8
<b>Total</b>	Lumens	29480.8	0.0	29480.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	580.9	2.0
10°-20°	1863.3	6.3
20°-30°	3034.5	10.3
30°-40°	4262.9	14.5
40°-50°	5833.3	19.8
50°-60°	7483.8	25.4
60°-70°	5039.3	17.1
70°-80°	1259.8	4.3
80°-90°	122.8	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°	29480.8	100.0
0°-180°	29480.8	100.0

**Coefficient of Utilization**



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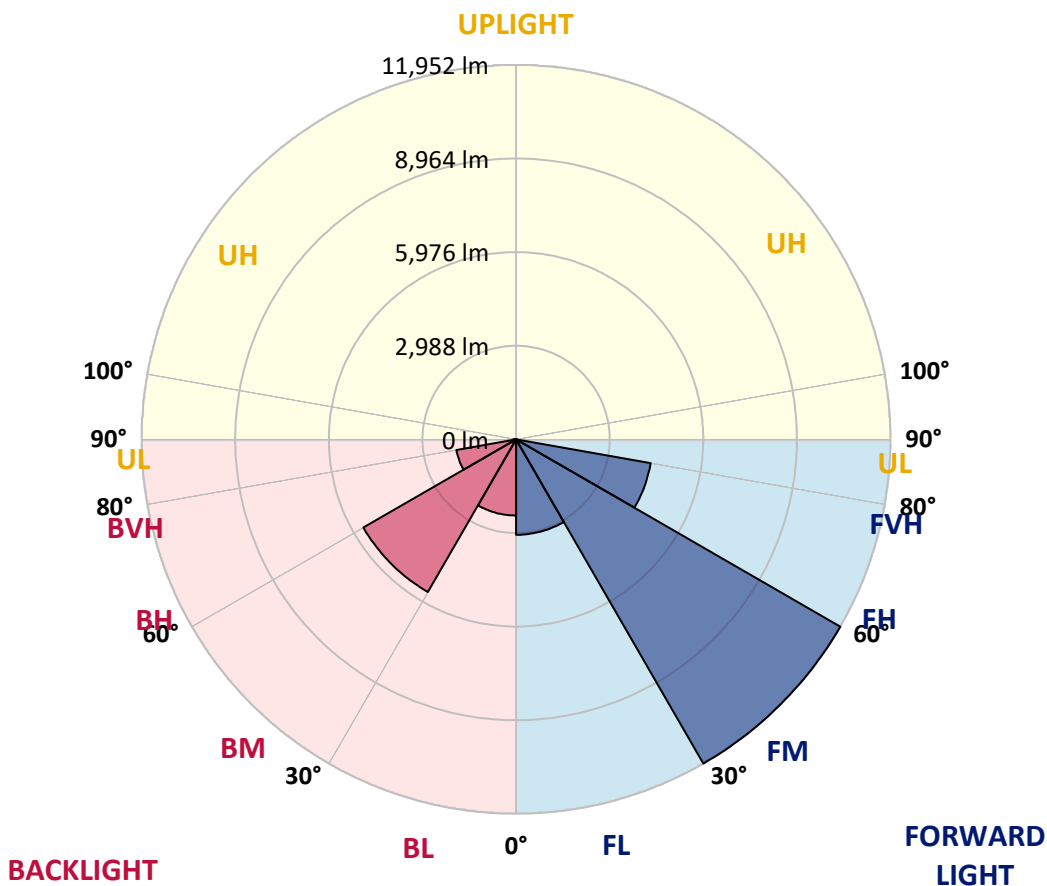
CATALOG NUMBER: GWS-SA5E-760-U-SLL-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3047.6	10.3			
FM (30°-60°)	11951.8	40.5			
FH (60°-80°)	4364.4	14.8			G2/5000
FVH (80°-90°)	31.9	0.1			G1/100
BL (0°-30°)	2431.1	8.2	B3/2500		
BM (30°-60°)	5628.3	19.1	B4/8500		
BH (60°-80°)	1934.8	6.6	B3/2500		G3/2500
BVH (80°-90°)	90.9	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0
2.5°	6290.8	6277.2	6263.6	6157.7	6130.6	6054.6	6000.3	5932.4	5834.6	5780.3	5734.2
5°	6684.5	6662.7	6589.4	6372.2	6231.0	6076.3	5948.7	5807.5	5658.2	5560.4	5484.4
7.5°	7056.4	7051.0	6926.1	6567.7	6339.6	6117.0	5943.2	5736.9	5522.4	5375.8	5278.1
10°	7401.2	7360.5	7211.2	6744.2	6445.5	6190.3	6003.0	5774.9	5525.1	5326.9	5196.6
12.5°	7705.3	7653.7	7447.4	6907.1	6537.8	6222.9	6019.3	5831.9	5666.3	5500.7	5351.4
15°	7955.1	7892.7	7683.6	7059.1	6619.3	6203.9	5918.8	5772.2	5829.2	5902.5	5736.9
17.5°	8188.6	8123.4	7868.2	7170.5	6643.7	6087.1	5671.7	5609.3	5897.1	6231.0	6155.0
20°	8384.1	8310.8	8014.8	7224.8	6600.3	5864.5	5351.4	5460.0	5840.1	6239.2	6361.4
22.5°	8595.9	8536.1	8180.5	7303.5	6546.0	5557.7	5082.6	5348.7	5742.3	6092.6	6277.2
25°	8935.2	8861.9	8438.4	7442.0	6518.8	5269.9	4889.8	5240.1	5606.6	5924.2	6068.1
27.5°	9426.7	9290.9	8791.3	7683.6	6548.7	4998.4	4767.6	5107.0	5449.1	5720.6	5837.4
30°	9961.5	9798.6	9182.3	7933.4	6592.1	4832.8	4702.5	4955.0	5207.5	5479.0	5606.6
32.5°	10594.1	10450.2	9600.4	8120.7	6499.8	4756.8	4653.6	4789.4	4990.3	5207.5	5313.4
35°	11348.9	11091.0	10056.6	8272.8	6201.2	4645.5	4610.2	4607.4	4713.3	4925.1	5044.6
37.5°	12160.7	11883.8	10618.6	8435.7	5736.9	4469.0	4507.0	4393.0	4490.7	4659.0	4794.8
40°	12825.9	12535.4	11186.0	8658.3	5155.9	4192.0	4278.9	4156.7	4216.5	4390.2	4542.3
42.5°	13477.5	13168.0	11715.4	8910.8	4593.9	3920.5	3964.0	3917.8	3936.8	4118.7	4330.5
45°	14332.8	13985.2	12367.1	9090.0	4088.9	3706.0	3665.3	3586.6	3687.0	3923.3	4148.6
47.5°	15760.9	15345.5	13434.1	9206.7	3722.3	3583.9	3396.5	3350.4	3475.3	3738.6	3972.1
50°	17430.6	17072.2	15139.1	9201.3	3448.1	3480.7	3135.9	3095.2	3301.5	3567.6	3814.6
52.5°	18799.0	18435.2	16597.1	8929.8	3222.8	3260.8	2983.8	2869.8	3152.2	3399.2	3646.3
55°	19904.0	19494.1	17267.7	7794.9	2937.7	2910.5	2818.2	2609.2	2964.8	3230.9	3461.7
57.5°	19309.5	18820.7	16455.9	5927.0	2644.5	2473.4	2533.1	2378.4	2709.6	3043.6	3266.2
60°	16189.9	15750.0	13368.9	3154.9	2326.8	2066.2	2191.0	2215.5	2430.0	2818.2	3046.3
62.5°	11120.9	10800.5	9060.1	1914.1	1835.4	1658.9	1854.4	2030.9	2191.0	2519.6	2717.8
65°	5441.0	5345.9	4531.4	1227.2	1284.2	1341.2	1536.7	1751.2	1987.4	2275.2	2484.3
67.5°	1498.7	1509.6	1373.8	958.4	1012.7	1170.2	1324.9	1496.0	1732.2	1998.3	2210.1
70°	659.8	670.6	692.3	738.5	841.7	985.6	1145.8	1322.2	1539.4	1762.1	1965.7
72.5°	458.8	469.7	502.3	562.0	654.3	790.1	942.1	1110.5	1335.8	1523.1	1691.5
75°	282.4	290.5	320.4	372.0	434.4	537.6	686.9	841.7	1039.9	1210.9	1360.2
77.5°	149.3	143.9	162.9	198.2	252.5	306.8	407.3	505.0	646.2	784.7	909.5
80°	81.5	78.7	89.6	108.6	124.9	168.3	236.2	301.4	382.8	461.6	529.4
82.5°	35.3	32.6	35.3	46.2	57.0	81.5	119.5	165.6	211.8	266.1	309.5
85°	0.0	0.0	0.0	2.7	13.6	21.7	40.7	59.7	86.9	119.5	146.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	24.4
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°	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0
2.5°	5707.0	5639.2	5633.7	5579.4	5584.9	5587.6	5533.3	5511.6	5530.6	5552.3	5541.4
5°	5457.3	5386.7	5356.8	5305.2	5299.8	5275.3	5253.6	5226.5	5245.5	5264.5	5275.3
7.5°	5240.1	5193.9	5174.9	5161.3	5166.7	5155.9	5112.4	5088.0	5085.3	5093.4	5104.3
10°	5169.5	5131.4	5155.9	5193.9	5221.0	5240.1	5193.9	5153.2	5115.2	5098.9	5098.9
12.5°	5321.5	5272.6	5321.5	5362.2	5416.5	5430.1	5378.5	5335.1	5321.5	5337.8	5370.4
15°	5658.2	5544.1	5541.4	5565.9	5609.3	5631.0	5582.1	5560.4	5560.4	5663.6	5745.1
17.5°	5994.8	5807.5	5728.8	5715.2	5742.3	5750.5	5709.8	5690.7	5739.6	5940.5	6092.6
20°	6231.0	6003.0	5831.9	5799.4	5807.5	5810.2	5777.6	5764.1	5834.6	6079.0	6206.6
22.5°	6206.6	6038.3	5829.2	5788.5	5802.1	5796.6	5766.8	5761.3	5818.4	6030.1	6089.9
25°	6038.3	5908.0	5731.5	5704.3	5726.0	5723.3	5693.5	5679.9	5704.3	5845.5	5850.9
27.5°	5845.5	5731.5	5579.4	5571.3	5606.6	5625.6	5574.0	5533.3	5525.1	5620.2	5598.4
30°	5614.7	5530.6	5408.4	5413.8	5479.0	5489.8	5427.4	5367.7	5351.4	5403.0	5373.1
32.5°	5340.5	5313.4	5248.2	5261.8	5324.2	5345.9	5280.8	5218.3	5199.3	5215.6	5153.2
35°	5107.0	5096.2	5101.6	5126.0	5180.3	5196.6	5142.3	5093.4	5066.3	5009.3	4927.8
37.5°	4865.4	4895.2	4974.0	5020.1	5050.0	5044.6	5014.7	4979.4	4936.0	4830.1	4729.6
40°	4640.0	4716.0	4857.2	4908.8	4919.7	4922.4	4900.7	4870.8	4816.5	4675.3	4561.3
42.5°	4466.3	4550.4	4737.8	4816.5	4821.9	4827.4	4805.6	4781.2	4705.2	4517.8	4406.5
45°	4284.4	4395.7	4615.6	4710.6	4705.2	4702.5	4683.5	4672.6	4583.0	4365.8	4243.6
47.5°	4129.6	4259.9	4496.1	4577.6	4574.9	4572.1	4558.6	4558.6	4469.0	4232.8	4094.3
50°	3977.6	4126.9	4373.9	4441.8	4447.3	4441.8	4436.4	4444.5	4338.7	4086.2	3950.4
52.5°	3811.9	3980.3	4238.2	4300.6	4333.2	4346.8	4346.8	4327.8	4202.9	3939.5	3790.2
55°	3630.0	3790.2	4088.9	4173.0	4200.2	4224.6	4224.6	4186.6	4069.9	3803.8	3643.6
57.5°	3404.7	3545.9	3782.1	3866.2	3931.4	3947.7	3947.7	3885.2	3790.2	3535.0	3404.7
60°	3160.3	3282.5	3442.7	3532.3	3581.2	3548.6	3573.0	3556.7	3480.7	3244.5	3135.9
62.5°	2834.5	2959.4	3135.9	3228.2	3249.9	3217.3	3249.9	3247.2	3144.0	2932.3	2801.9
65°	2601.0	2723.2	2897.0	3016.4	3051.7	3043.6	3065.3	3032.7	2905.1	2704.2	2579.3
67.5°	2324.1	2454.4	2655.3	2788.4	2861.7	2869.8	2899.7	2831.8	2701.5	2481.6	2324.1
70°	2060.7	2172.0	2326.8	2451.7	2554.9	2606.4	2611.9	2514.1	2351.2	2169.3	2055.3
72.5°	1783.8	1897.8	2085.2	2220.9	2351.2	2411.0	2411.0	2291.5	2115.0	1914.1	1791.9
75°	1447.1	1553.0	1724.1	1870.7	2020.0	2096.0	2093.3	1990.1	1794.6	1604.6	1477.0
77.5°	980.1	1058.9	1167.5	1278.8	1300.5	1360.2	1390.1	1259.8	1151.2	1048.0	934.0
80°	570.2	619.0	678.8	741.2	754.8	773.8	724.9	676.0	619.0	551.2	499.6
82.5°	334.0	366.5	396.4	445.3	453.4	458.8	415.4	393.7	347.5	306.8	274.2
85°	162.9	173.8	200.9	225.3	214.5	209.1	190.1	168.3	149.3	133.0	116.7
87.5°	32.6	32.6	48.9	46.2	38.0	32.6	19.0	24.4	5.4	5.4	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°	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0
2.5°	5576.7	5622.9	5679.9	5755.9	5842.8	5935.1	6024.7	6092.6	6160.5	6260.9	6244.6
5°	5291.6	5370.4	5460.0	5576.7	5717.9	5878.1	6057.3	6236.5	6429.2	6592.1	6662.7
7.5°	5126.0	5212.9	5318.8	5470.8	5652.7	5848.2	6100.7	6391.2	6703.5	6918.0	7051.0
10°	5126.0	5237.3	5375.8	5522.4	5682.6	5883.5	6195.7	6559.6	6961.4	7243.8	7398.5
12.5°	5422.0	5533.3	5563.1	5557.7	5647.3	5869.9	6271.8	6736.0	7216.6	7515.3	7705.3
15°	5883.5	5921.5	5696.2	5489.8	5503.4	5772.2	6307.1	6877.2	7436.5	7794.9	8001.3
17.5°	6193.0	6092.6	5690.7	5329.6	5253.6	5606.6	6307.1	7013.0	7670.0	8074.6	8267.3
20°	6217.5	5967.7	5552.3	5174.9	4979.4	5386.7	6263.6	7116.2	7895.4	8343.4	8549.7
22.5°	6003.0	5755.9	5405.7	5041.9	4754.1	5120.6	6193.0	7194.9	8088.1	8595.9	8851.1
25°	5758.6	5552.3	5256.3	4906.1	4599.3	4851.8	6127.9	7327.9	8356.9	8938.0	9195.9
27.5°	5519.7	5345.9	5077.1	4792.1	4512.4	4618.3	6087.1	7523.4	8677.3	9423.9	9646.6
30°	5286.2	5128.7	4884.4	4683.5	4466.3	4466.3	6051.9	7748.8	9100.9	9969.7	10192.3
32.5°	5050.0	4900.7	4702.5	4577.6	4439.1	4406.5	5954.1	7960.5	9538.0	10567.0	10795.0
35°	4830.1	4680.7	4528.7	4477.1	4425.5	4360.4	5712.5	8126.2	9964.2	11264.8	11460.2
37.5°	4623.7	4479.8	4365.8	4352.2	4357.7	4235.5	5332.4	8264.6	10496.4	11978.8	12082.0
40°	4444.5	4284.4	4194.8	4192.0	4219.2	4034.6	4851.8	8462.8	11104.6	12584.3	12540.8
42.5°	4284.4	4116.0	4007.4	4031.9	4015.6	3833.7	4382.1	8644.7	11634.0	13151.7	13064.8
45°	4126.9	3964.0	3811.9	3847.2	3828.2	3708.8	3983.0	8777.8	12220.4	13833.2	13844.1
47.5°	3974.8	3814.6	3662.6	3619.2	3616.4	3670.8	3676.2	8821.2	13176.1	14930.1	14683.0
50°	3833.7	3673.5	3516.0	3369.4	3426.4	3594.7	3448.1	8788.6	14607.0	16141.0	15451.4
52.5°	3687.0	3535.0	3361.2	3097.9	3247.2	3412.8	3244.5	8671.9	15481.2	17210.7	16798.0
55°	3518.7	3374.8	3138.6	2818.2	3000.1	3035.4	3035.4	7542.4	15853.2	18269.6	18524.8
57.5°	3293.4	3103.3	2728.6	2470.7	2633.6	2497.8	2812.8	5278.1	15239.6	17935.6	18926.6
60°	3038.1	2834.5	2438.1	2253.5	2302.4	2063.4	2397.4	3309.6	12630.4	15261.3	16977.2
62.5°	2701.5	2514.1	2185.6	2041.7	1941.3	1683.3	1930.4	2093.3	8658.3	11332.6	12502.8
65°	2476.1	2269.8	1976.6	1786.5	1580.2	1354.8	1281.5	1373.8	4656.3	6342.4	7132.4
67.5°	2210.1	2006.4	1729.5	1490.6	1324.9	1162.0	1034.4	1001.9	1596.5	2112.3	2286.1
70°	1957.6	1762.1	1531.3	1308.7	1143.0	982.8	858.0	768.4	738.5	733.1	722.2
72.5°	1699.6	1517.7	1324.9	1118.6	936.7	790.1	678.8	575.6	532.2	518.6	505.0
75°	1392.8	1248.9	1056.2	833.5	686.9	551.2	464.3	396.4	358.4	344.8	328.5
77.5°	896.0	830.8	662.5	537.6	415.4	328.5	282.4	238.9	214.5	209.1	195.5
80°	477.8	445.3	366.5	309.5	247.1	200.9	176.5	152.0	138.5	133.0	127.6
82.5°	266.1	241.6	203.6	179.2	143.9	122.2	108.6	97.7	89.6	86.9	84.2
85°	119.5	103.2	81.5	76.0	67.9	62.4	59.7	54.3	51.6	48.9	46.2
87.5°	5.4	10.9	13.6	10.9	10.9	16.3	19.0	19.0	16.3	16.3	13.6
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: P640845

CATALOG NUMBER: GWS-SA5E-760-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0	5946.0
2.5°	6345.1	6426.5	6434.7	6461.8	6426.5	6418.4	6361.4	6328.8	6298.9	6290.8
5°	6839.2	7002.1	7067.3	7113.4	7070.0	7048.3	6923.4	6793.1	6719.8	6684.5
7.5°	7346.9	7591.3	7718.9	7775.9	7781.3	7683.6	7469.1	7224.8	7102.6	7056.4
10°	7800.3	8101.7	8270.0	8378.7	8340.6	8221.2	7928.0	7596.7	7442.0	7401.2
12.5°	8137.0	8424.8	8555.1	8625.7	8623.0	8557.8	8280.9	7922.5	7746.0	7705.3
15°	8354.2	8525.3	8533.4	8549.7	8595.9	8682.7	8538.8	8207.6	8012.1	7955.1
17.5°	8525.3	8457.4	8329.8	8286.3	8389.5	8631.2	8718.0	8449.2	8237.5	8188.6
20°	8633.9	8291.8	8066.4	7982.3	8101.7	8495.4	8826.6	8666.4	8446.5	8384.1
22.5°	8718.0	8137.0	7773.2	7716.2	7841.1	8348.8	8938.0	8924.4	8682.7	8595.9
25°	8851.1	8033.8	7566.9	7526.1	7642.9	8278.2	9087.3	9274.6	9060.1	8935.2
27.5°	9060.1	8023.0	7461.0	7447.4	7607.6	8340.6	9301.8	9787.8	9519.0	9426.7
30°	9350.6	8126.2	7485.4	7512.5	7708.0	8566.0	9635.7	10374.2	10105.4	9961.5
32.5°	9768.8	8403.1	7857.4	7974.1	8118.0	8927.1	10124.4	11009.5	10805.9	10594.1
35°	10319.9	9163.3	8957.0	9453.8	9318.1	9717.2	10713.6	11780.6	11533.5	11348.9
37.5°	11055.7	10721.7	10911.8	11596.0	11267.5	11210.4	11433.1	12481.1	12345.3	12160.7
40°	12087.4	12155.3	12505.5	13404.2	12929.1	12562.5	12315.5	13007.8	13054.0	12825.9
42.5°	12771.6	13083.8	13928.2	14949.1	14294.7	13417.8	13054.0	13681.1	13683.9	13477.5
45°	13026.8	13844.1	15608.8	16784.5	15690.3	13906.5	13461.2	14596.1	14569.0	14332.8
47.5°	12934.5	14484.8	17354.6	19152.0	17482.2	14254.0	13404.2	15899.3	16119.3	15760.9
50°	12741.7	15128.3	19393.6	22051.7	19681.4	14623.3	13317.3	17343.8	17707.6	17430.6
52.5°	12937.2	15845.0	21804.6	25049.1	22439.9	15212.4	13903.8	19198.1	19133.0	18799.0
55°	13556.3	16692.1	24734.1	28814.8	25469.9	16208.9	15410.6	20965.6	20303.2	19904.0
57.5°	13526.4	17297.6	27302.6	31793.3	28106.2	17026.1	15934.6	21153.0	19814.4	19309.5
60°	12277.5	17020.7	28280.0	33677.5	28901.7	16575.4	14210.6	18894.0	16719.3	16189.9
62.5°	9163.3	15103.8	26384.9	31318.1	26651.0	14316.5	10686.4	13561.7	12014.1	11120.9
65°	5861.8	11815.9	22182.0	25372.2	21967.5	10949.8	6364.1	7270.9	5696.2	5441.0
67.5°	2495.1	8340.6	17243.3	16958.2	16434.2	7094.4	2457.1	2047.1	1525.9	1498.7
70°	825.4	5674.5	10629.4	11310.9	9814.9	4887.1	811.8	686.9	684.2	659.8
72.5°	540.3	3046.3	5984.0	6662.7	6315.2	2812.8	491.4	458.8	469.7	458.8
75°	323.1	662.5	1007.3	1308.7	1007.3	472.4	295.9	290.5	295.9	282.4
77.5°	190.1	184.6	179.2	179.2	176.5	162.9	149.3	143.9	146.6	149.3
80°	122.2	116.7	111.3	108.6	95.0	89.6	84.2	78.7	78.7	81.5
82.5°	78.7	73.3	67.9	59.7	48.9	40.7	38.0	32.6	32.6	35.3
85°	40.7	32.6	24.4	19.0	10.9	5.4	0.0	0.0	0.0	0.0
87.5°	8.1	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

(END OF REPORT)