

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: P642605

Luminaire Tested: GWS-SA6D-730-U-SLL-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642605  
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-SA6D-730-U-SLL-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

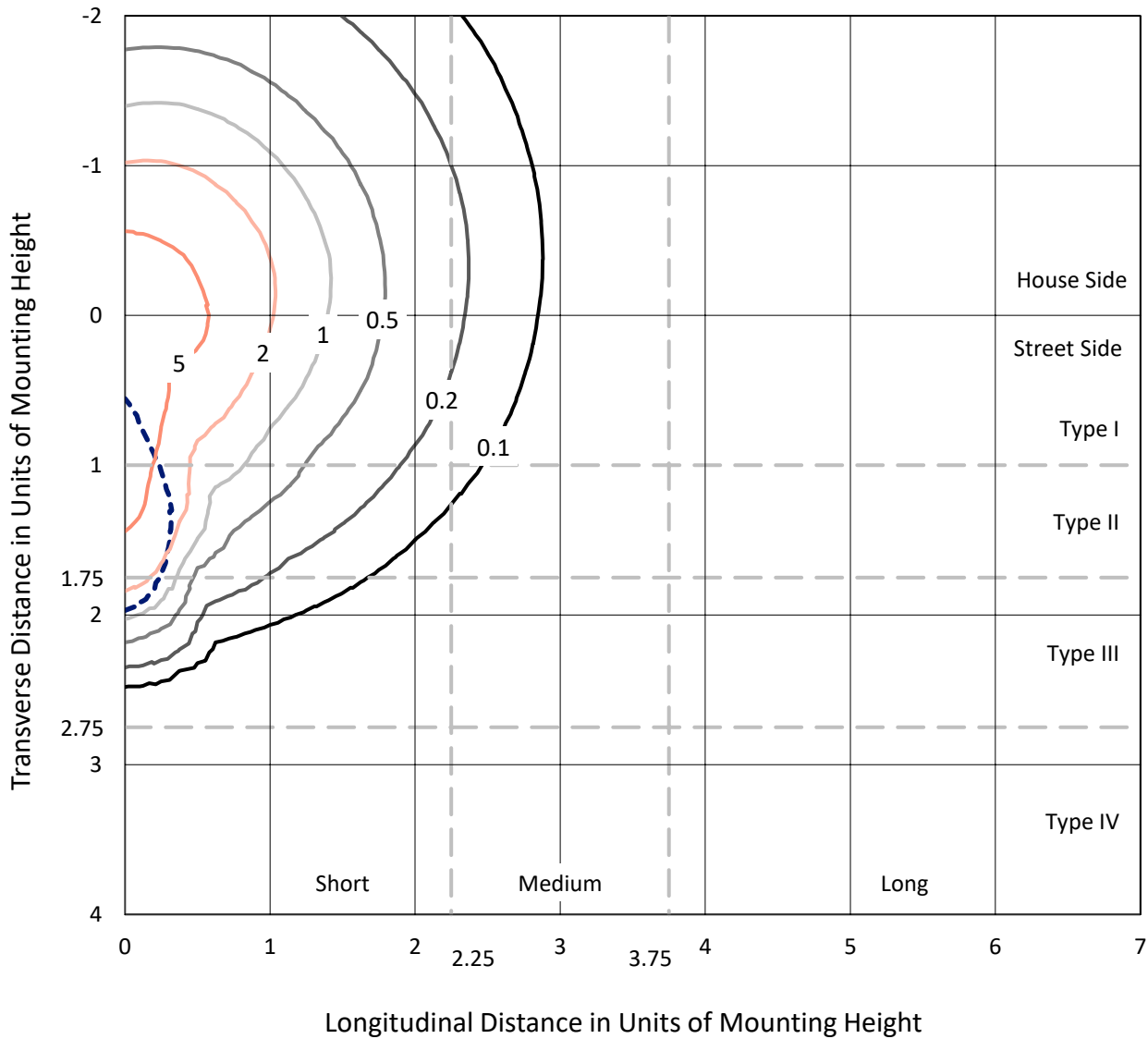
Lumens per Lamp: N/A  
Luminaire Lumens: 25390.6 lumens  
Efficiency: N/A  
Efficacy: 103.3 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 245.7  
Input Voltage (V): 120  
Input Current (Ain): 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

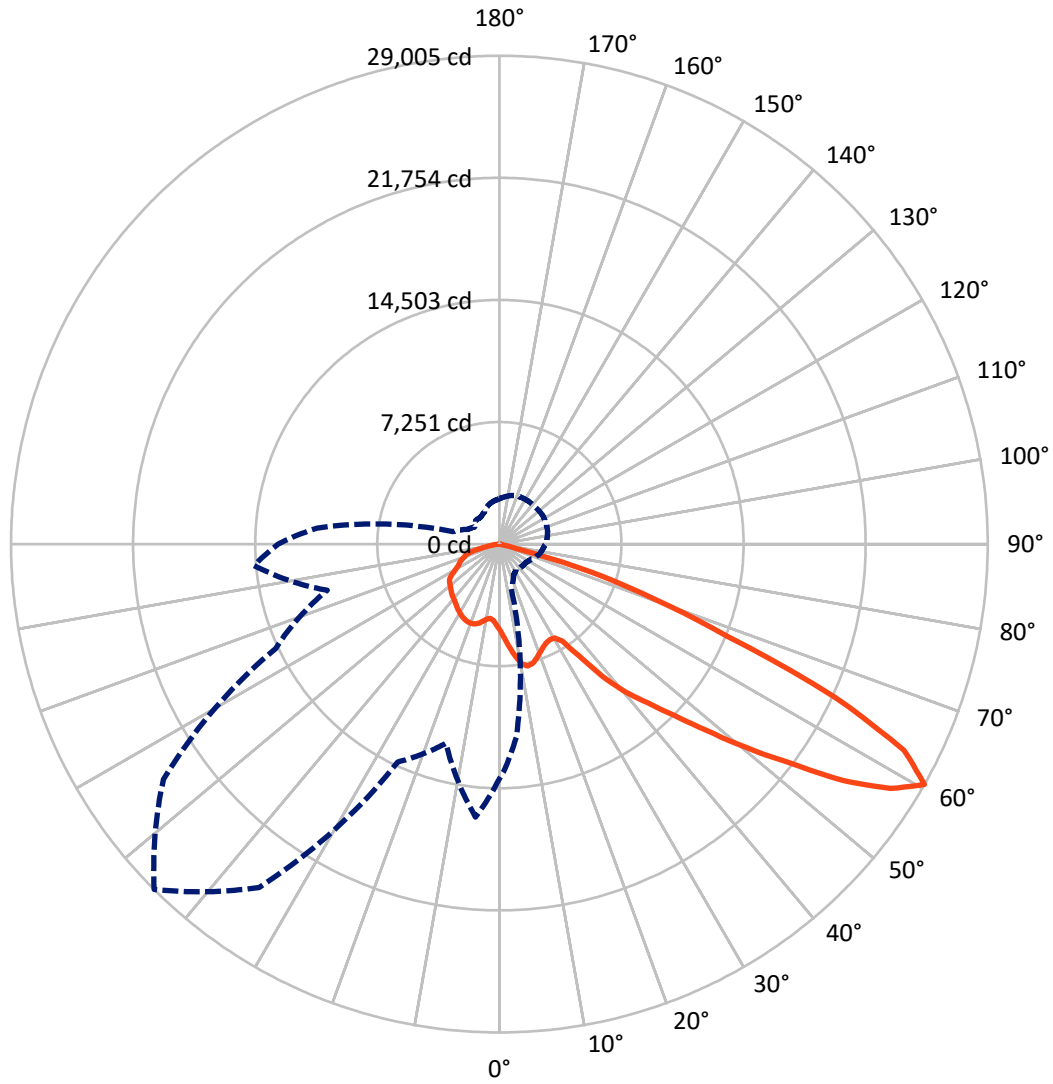
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.9 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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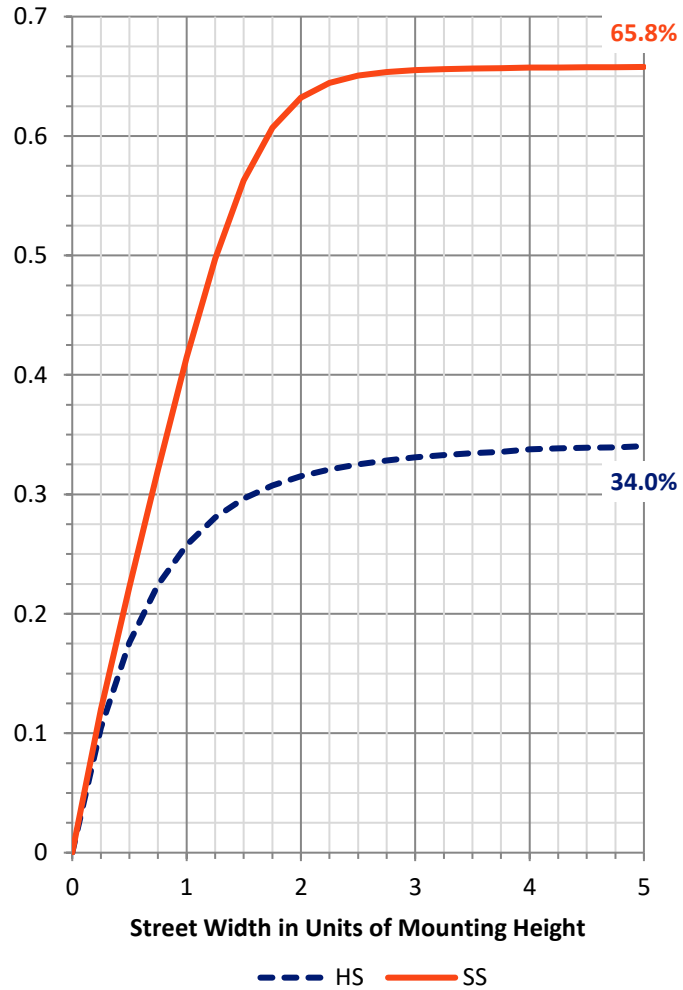
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8685.9	0.0	8685.9
	% Fixture	34.2	0.0	34.2
<b>Street Side</b>	Lumens	16704.7	0.0	16704.7
	% Fixture	65.8	0.0	65.8
<b>Total</b>	Lumens	25390.6	0.0	25390.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	500.3	2.0
10°-20°	1604.8	6.3
20°-30°	2613.5	10.3
30°-40°	3671.5	14.5
40°-50°	5024.0	19.8
50°-60°	6445.5	25.4
60°-70°	4340.2	17.1
70°-80°	1085.0	4.3
80°-90°	105.8	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°	25390.6	100.0
0°-180°	25390.6	100.0

**Coefficient of Utilization**



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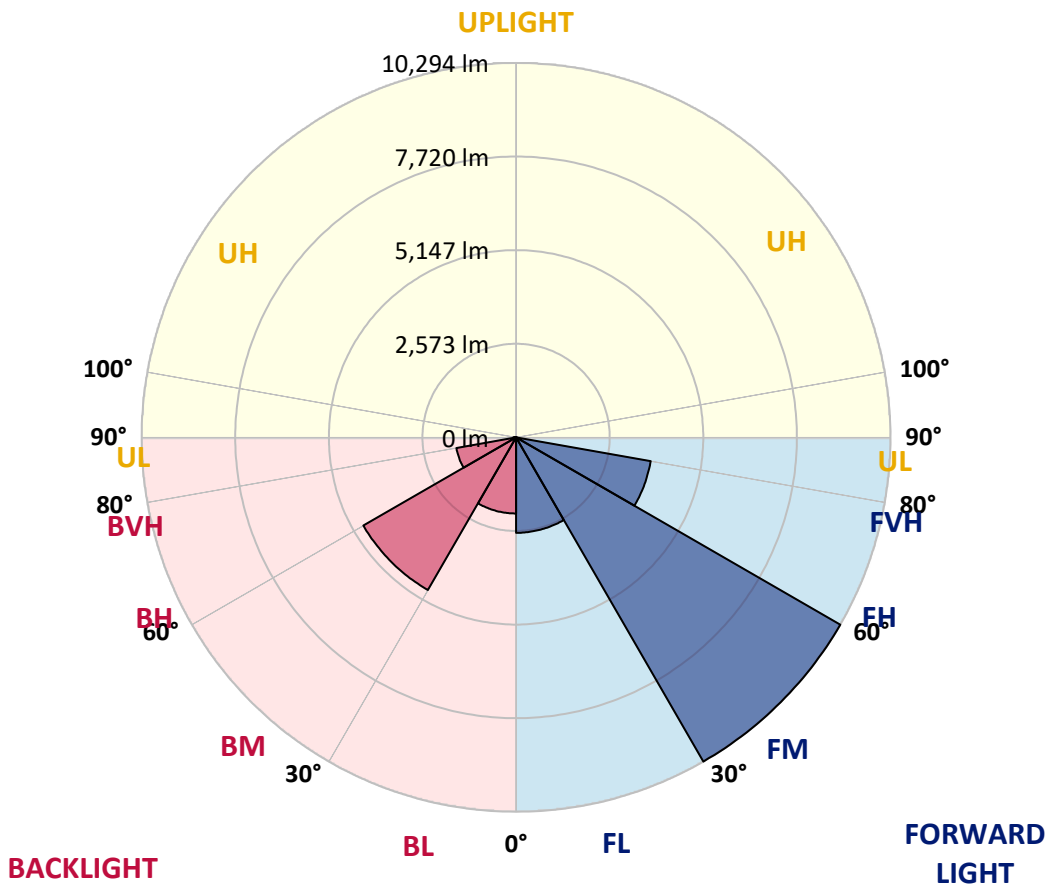
CATALOG NUMBER: GWS-SA6D-730-U-SLL-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2624.8	10.3			
FM (30°-60°)	10293.6	40.5			
FH (60°-80°)	3758.9	14.8			G2/5000
FVH (80°-90°)	27.5	0.1			G1/100
BL (0°-30°)	2093.8	8.2	B3/2500		
BM (30°-60°)	4847.4	19.1	B3/5000		
BH (60°-80°)	1666.3	6.6	B3/2500		G3/2500
BVH (80°-90°)	78.3	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°	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0
2.5°	5418.0	5406.3	5394.6	5303.4	5280.0	5214.5	5167.8	5109.3	5025.1	4978.4	4938.6
5°	5757.0	5738.3	5675.2	5488.1	5366.5	5233.3	5123.4	5001.8	4873.1	4789.0	4723.5
7.5°	6077.4	6072.7	5965.2	5656.5	5460.1	5268.3	5118.7	4941.0	4756.2	4630.0	4545.8
10°	6374.4	6339.3	6210.7	5808.5	5551.3	5331.5	5170.1	4973.7	4758.6	4587.9	4475.6
12.5°	6636.3	6591.8	6414.1	5948.8	5630.8	5359.5	5184.1	5022.8	4880.2	4737.5	4608.9
15°	6851.4	6797.6	6617.6	6079.7	5700.9	5343.2	5097.6	4971.4	5020.5	5083.6	4941.0
17.5°	7052.5	6996.4	6776.6	6175.6	5722.0	5242.6	4884.8	4831.1	5078.9	5366.5	5301.1
20°	7220.9	7157.7	6902.8	6222.4	5684.6	5050.9	4608.9	4702.4	5029.8	5373.6	5478.8
22.5°	7403.3	7351.8	7045.5	6290.2	5637.8	4786.6	4377.4	4606.6	4945.6	5247.3	5406.3
25°	7695.6	7632.4	7267.6	6409.5	5614.4	4538.8	4211.4	4513.0	4828.7	5102.3	5226.2
27.5°	8118.8	8001.9	7571.6	6617.6	5640.1	4304.9	4106.2	4398.5	4693.1	4926.9	5027.5
30°	8579.5	8439.2	7908.3	6832.7	5677.5	4162.3	4050.0	4267.5	4485.0	4718.8	4828.7
32.5°	9124.3	9000.4	8268.5	6994.0	5598.0	4096.8	4008.0	4124.9	4297.9	4485.0	4576.2
35°	9774.4	9552.2	8661.3	7125.0	5340.8	4000.9	3970.5	3968.2	4059.4	4241.8	4344.7
37.5°	10473.5	10235.0	9145.3	7265.3	4941.0	3848.9	3881.7	3783.5	3867.7	4012.6	4129.5
40°	11046.4	10796.2	9634.1	7457.0	4440.6	3610.4	3685.3	3580.0	3631.5	3781.1	3912.1
42.5°	11607.6	11341.1	10090.0	7674.5	3956.5	3376.6	3414.0	3374.3	3390.6	3547.3	3729.7
45°	12344.2	12044.9	10651.2	7828.8	3521.6	3191.9	3156.8	3089.0	3175.5	3378.9	3573.0
47.5°	13574.2	13216.4	11570.2	7929.4	3205.9	3086.6	2925.3	2885.5	2993.1	3219.9	3421.0
50°	15012.3	14703.6	13038.7	7924.7	2969.7	2997.8	2700.8	2665.7	2843.4	3072.6	3285.4
52.5°	16190.8	15877.5	14294.4	7690.9	2775.6	2808.4	2569.9	2471.6	2714.8	2927.6	3140.4
55°	17142.5	16789.4	14872.0	6713.4	2530.1	2506.7	2427.2	2247.2	2553.5	2782.7	2981.4
57.5°	16630.4	16209.5	14172.8	5104.6	2277.6	2130.2	2181.7	2048.4	2333.7	2621.3	2813.1
60°	13943.7	13564.8	11514.1	2717.2	2004.0	1779.5	1887.1	1908.1	2092.8	2427.2	2623.6
62.5°	9577.9	9302.0	7803.1	1648.5	1580.7	1428.7	1597.1	1749.1	1887.1	2170.0	2340.7
65°	4686.1	4604.2	3902.7	1056.9	1106.0	1155.2	1323.5	1508.2	1711.7	1959.5	2139.6
67.5°	1290.8	1300.1	1183.2	825.4	872.2	1007.8	1141.1	1288.4	1491.9	1721.0	1903.4
70°	568.2	577.6	596.3	636.0	724.9	848.8	986.8	1138.8	1325.9	1517.6	1693.0
72.5°	395.2	404.5	432.6	484.0	563.5	680.5	811.4	956.4	1150.5	1311.8	1456.8
75°	243.2	250.2	275.9	320.4	374.1	463.0	591.6	724.9	895.6	1042.9	1171.5
77.5°	128.6	123.9	140.3	170.7	217.5	264.2	350.8	434.9	556.5	675.8	783.4
80°	70.2	67.8	77.2	93.5	107.6	145.0	203.4	259.6	329.7	397.5	456.0
82.5°	30.4	28.1	30.4	39.8	49.1	70.2	102.9	142.6	182.4	229.2	266.6
85°	0.0	0.0	0.0	2.3	11.7	18.7	35.1	51.4	74.8	102.9	126.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	21.0
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°	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0
2.5°	4915.2	4856.8	4852.1	4805.3	4810.0	4812.4	4765.6	4746.9	4763.2	4782.0	4772.6
5°	4700.1	4639.3	4613.6	4569.2	4564.5	4543.4	4524.7	4501.3	4517.7	4534.1	4543.4
7.5°	4513.0	4473.3	4456.9	4445.2	4449.9	4440.6	4403.1	4382.1	4379.8	4386.8	4396.1
10°	4452.2	4419.5	4440.6	4473.3	4496.7	4513.0	4473.3	4438.2	4405.5	4391.4	4391.4
12.5°	4583.2	4541.1	4583.2	4618.3	4665.0	4676.7	4632.3	4594.9	4583.2	4597.2	4625.3
15°	4873.1	4774.9	4772.6	4793.6	4831.1	4849.8	4807.7	4789.0	4789.0	4877.8	4948.0
17.5°	5163.1	5001.8	4933.9	4922.3	4945.6	4952.7	4917.6	4901.2	4943.3	5116.3	5247.3
20°	5366.5	5170.1	5022.8	4994.7	5001.8	5004.1	4976.0	4964.3	5025.1	5235.6	5345.5
22.5°	5345.5	5200.5	5020.5	4985.4	4997.1	4992.4	4966.7	4962.0	5011.1	5193.5	5244.9
25°	5200.5	5088.3	4936.3	4912.9	4931.6	4929.3	4903.5	4891.9	4912.9	5034.5	5039.2
27.5°	5034.5	4936.3	4805.3	4798.3	4828.7	4845.1	4800.7	4765.6	4758.6	4840.4	4821.7
30°	4835.7	4763.2	4658.0	4662.7	4718.8	4728.2	4674.4	4622.9	4608.9	4653.3	4627.6
32.5°	4599.6	4576.2	4520.1	4531.7	4585.5	4604.2	4548.1	4494.3	4478.0	4492.0	4438.2
35°	4398.5	4389.1	4393.8	4414.8	4461.6	4475.6	4428.9	4386.8	4363.4	4314.3	4244.1
37.5°	4190.3	4216.1	4283.9	4323.6	4349.4	4344.7	4319.0	4288.6	4251.1	4159.9	4073.4
40°	3996.3	4061.7	4183.3	4227.8	4237.1	4239.5	4220.7	4195.0	4148.3	4026.7	3928.4
42.5°	3846.6	3919.1	4080.4	4148.3	4152.9	4157.6	4138.9	4117.9	4052.4	3891.0	3795.2
45°	3689.9	3785.8	3975.2	4057.1	4052.4	4050.0	4033.7	4024.3	3947.2	3760.1	3654.9
47.5°	3556.6	3668.9	3872.3	3942.5	3940.1	3937.8	3926.1	3926.1	3848.9	3645.5	3526.3
50°	3425.7	3554.3	3767.1	3825.6	3830.2	3825.6	3820.9	3827.9	3736.7	3519.2	3402.3
52.5°	3283.1	3428.0	3650.2	3704.0	3732.0	3743.7	3743.7	3727.4	3619.8	3393.0	3264.4
55°	3126.4	3264.4	3521.6	3594.1	3617.4	3638.5	3638.5	3605.8	3505.2	3276.0	3138.1
57.5°	2932.3	3053.9	3257.3	3329.8	3385.9	3400.0	3400.0	3346.2	3264.4	3044.5	2932.3
60°	2721.9	2827.1	2965.0	3042.2	3084.3	3056.2	3077.3	3063.3	2997.8	2794.3	2700.8
62.5°	2441.3	2548.8	2700.8	2780.3	2799.0	2771.0	2799.0	2796.7	2707.8	2525.4	2413.2
65°	2240.2	2345.4	2495.0	2597.9	2628.3	2621.3	2640.0	2612.0	2502.0	2329.0	2221.4
67.5°	2001.6	2113.9	2286.9	2401.5	2464.6	2471.6	2497.4	2438.9	2326.7	2137.3	2001.6
70°	1774.8	1870.7	2004.0	2111.5	2200.4	2244.8	2249.5	2165.3	2025.0	1868.4	1770.1
72.5°	1536.3	1634.5	1795.9	1912.8	2025.0	2076.5	2076.5	1973.6	1821.6	1648.5	1543.3
75°	1246.3	1337.5	1484.9	1611.1	1739.7	1805.2	1802.9	1714.0	1545.7	1382.0	1272.1
77.5°	844.1	912.0	1005.5	1101.4	1120.1	1171.5	1197.2	1085.0	991.5	902.6	804.4
80°	491.1	533.1	584.6	638.4	650.1	666.4	624.3	582.3	533.1	474.7	430.3
82.5°	287.6	315.7	341.4	383.5	390.5	395.2	357.8	339.1	299.3	264.2	236.2
85°	140.3	149.7	173.0	194.1	184.7	180.1	163.7	145.0	128.6	114.6	100.5
87.5°	28.1	28.1	42.1	39.8	32.7	28.1	16.4	21.0	4.7	4.7	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°	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0
2.5°	4803.0	4842.7	4891.9	4957.3	5032.2	5111.7	5188.8	5247.3	5305.7	5392.3	5378.2
5°	4557.5	4625.3	4702.4	4803.0	4924.6	5062.6	5216.9	5371.2	5537.2	5677.5	5738.3
7.5°	4414.8	4489.7	4580.9	4711.8	4868.5	5036.8	5254.3	5504.5	5773.4	5958.1	6072.7
10°	4414.8	4510.7	4630.0	4756.2	4894.2	5067.2	5336.1	5649.5	5995.6	6238.8	6372.0
12.5°	4669.7	4765.6	4791.3	4786.6	4863.8	5055.5	5401.6	5801.5	6215.4	6472.6	6636.3
15°	5067.2	5100.0	4905.9	4728.2	4739.9	4971.4	5432.0	5923.1	6404.8	6713.4	6891.2
17.5°	5333.8	5247.3	4901.2	4590.2	4524.7	4828.7	5432.0	6040.0	6605.9	6954.3	7120.3
20°	5354.9	5139.7	4782.0	4456.9	4288.6	4639.3	5394.6	6128.8	6800.0	7185.8	7363.5
22.5°	5170.1	4957.3	4655.7	4342.3	4094.5	4410.2	5333.8	6196.7	6966.0	7403.3	7623.1
25°	4959.7	4782.0	4527.1	4225.4	3961.2	4178.7	5277.7	6311.2	7197.5	7697.9	7920.0
27.5°	4753.9	4604.2	4372.7	4127.2	3886.4	3977.6	5242.6	6479.6	7473.4	8116.5	8308.2
30°	4552.8	4417.2	4206.7	4033.7	3846.6	3846.6	5212.2	6673.7	7838.2	8586.5	8778.2
32.5°	4349.4	4220.7	4050.0	3942.5	3823.2	3795.2	5128.0	6856.1	8214.7	9100.9	9297.3
35°	4159.9	4031.3	3900.4	3856.0	3811.5	3755.4	4919.9	6998.7	8581.8	9701.9	9870.2
37.5°	3982.2	3858.3	3760.1	3748.4	3753.1	3647.8	4592.5	7118.0	9040.1	10316.9	10405.7
40°	3827.9	3689.9	3612.8	3610.4	3633.8	3474.8	4178.7	7288.7	9563.9	10838.3	10800.9
42.5°	3689.9	3545.0	3451.4	3472.5	3458.4	3301.8	3774.1	7445.3	10019.9	11327.0	11252.2
45°	3554.3	3414.0	3283.1	3313.5	3297.1	3194.2	3430.4	7559.9	10525.0	11914.0	11923.3
47.5°	3423.4	3285.4	3154.5	3117.0	3114.7	3161.5	3166.1	7597.3	11348.1	12858.7	12645.9
50°	3301.8	3163.8	3028.2	2901.9	2951.0	3096.0	2969.7	7569.3	12580.4	13901.6	13307.6
52.5°	3175.5	3044.5	2894.9	2668.1	2796.7	2939.3	2794.3	7468.7	13333.3	14822.9	14467.4
55°	3030.5	2906.6	2703.1	2427.2	2583.9	2614.3	2614.3	6496.0	13653.7	15734.8	15954.6
57.5°	2836.4	2672.7	2350.1	2127.9	2268.2	2151.3	2422.5	4545.8	13125.2	15447.2	16300.7
60°	2616.6	2441.3	2099.8	1940.8	1982.9	1777.2	2064.8	2850.5	10878.1	13143.9	14621.8
62.5°	2326.7	2165.3	1882.4	1758.4	1671.9	1449.8	1662.6	1802.9	7457.0	9760.3	10768.2
65°	2132.6	1954.9	1702.3	1538.6	1360.9	1166.8	1103.7	1183.2	4010.3	5462.4	6142.9
67.5°	1903.4	1728.0	1489.5	1283.8	1141.1	1000.8	890.9	862.9	1375.0	1819.2	1968.9
70°	1686.0	1517.6	1318.8	1127.1	984.5	846.5	738.9	661.8	636.0	631.4	622.0
72.5°	1463.8	1307.1	1141.1	963.4	806.7	680.5	584.6	495.7	458.3	446.6	434.9
75°	1199.6	1075.6	909.6	717.9	591.6	474.7	399.9	341.4	308.7	297.0	282.9
77.5°	771.7	715.5	570.6	463.0	357.8	282.9	243.2	205.8	184.7	180.1	168.4
80°	411.6	383.5	315.7	266.6	212.8	173.0	152.0	130.9	119.3	114.6	109.9
82.5°	229.2	208.1	175.4	154.3	123.9	105.2	93.5	84.2	77.2	74.8	72.5
85°	102.9	88.9	70.2	65.5	58.5	53.8	51.4	46.8	44.4	42.1	39.8
87.5°	4.7	9.4	11.7	9.4	9.4	14.0	16.4	16.4	14.0	14.0	11.7
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: P642605

CATALOG NUMBER: GWS-SA6D-730-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0	5121.0
2.5°	5464.8	5534.9	5541.9	5565.3	5534.9	5527.9	5478.8	5450.7	5425.0	5418.0
5°	5890.3	6030.6	6086.8	6126.5	6089.1	6070.4	5962.8	5850.6	5787.4	5757.0
7.5°	6327.6	6538.1	6648.0	6697.1	6701.7	6617.6	6432.8	6222.4	6117.2	6077.4
10°	6718.1	6977.7	7122.7	7216.2	7183.4	7080.6	6828.0	6542.7	6409.5	6374.4
12.5°	7008.1	7255.9	7368.2	7429.0	7426.6	7370.5	7132.0	6823.3	6671.3	6636.3
15°	7195.1	7342.5	7349.5	7363.5	7403.3	7478.1	7354.2	7068.9	6900.5	6851.4
17.5°	7342.5	7284.0	7174.1	7136.7	7225.5	7433.7	7508.5	7277.0	7094.6	7052.5
20°	7436.0	7141.4	6947.3	6874.8	6977.7	7316.7	7602.0	7464.1	7274.6	7220.9
22.5°	7508.5	7008.1	6694.7	6645.6	6753.2	7190.5	7697.9	7686.2	7478.1	7403.3
25°	7623.1	6919.2	6517.0	6481.9	6582.5	7129.7	7826.5	7987.8	7803.1	7695.6
27.5°	7803.1	6909.9	6425.8	6414.1	6552.1	7183.4	8011.2	8429.8	8198.3	8118.8
30°	8053.3	6998.7	6446.9	6470.2	6638.6	7377.5	8298.8	8934.9	8703.4	8579.5
32.5°	8413.4	7237.2	6767.2	6867.8	6991.7	7688.5	8719.8	9482.1	9306.7	9124.3
35°	8888.1	7892.0	7714.3	8142.2	8025.3	8369.0	9227.2	10146.2	9933.4	9774.4
37.5°	9521.8	9234.2	9397.9	9987.1	9704.2	9655.1	9846.8	10749.5	10632.5	10473.5
40°	10410.4	10468.8	10770.5	11544.5	11135.3	10819.6	10606.8	11203.1	11242.8	11046.4
42.5°	10999.7	11268.6	11995.8	12875.0	12311.5	11556.2	11242.8	11783.0	11785.3	11607.6
45°	11219.5	11923.3	13443.2	14455.8	13513.4	11977.1	11593.6	12571.0	12547.7	12344.2
47.5°	11140.0	12475.2	14946.8	16494.8	15056.7	12276.4	11544.5	13693.5	13882.9	13574.2
50°	10973.9	13029.4	16702.9	18992.2	16950.8	12594.4	11469.7	14937.5	15250.8	15012.3
52.5°	11142.3	13646.7	18779.4	21573.7	19326.6	13101.8	11974.8	16534.6	16478.4	16190.8
55°	11675.4	14376.3	21302.5	24817.0	21936.2	13960.0	13272.5	18056.8	17486.3	17142.5
57.5°	11649.7	14897.7	23514.6	27382.2	24206.7	14663.9	13723.9	18218.2	17065.4	16630.4
60°	10574.1	14659.2	24356.4	29005.0	24891.9	14275.7	12239.0	16272.7	14399.6	13943.7
62.5°	7892.0	13008.3	22724.2	26973.0	22953.4	12330.2	9203.8	11680.1	10347.3	9577.9
65°	5048.5	10176.6	19104.4	21852.0	18919.7	9430.6	5481.1	6262.1	4905.9	4686.1
67.5°	2149.0	7183.4	14850.9	14605.4	14154.1	6110.1	2116.2	1763.1	1314.2	1290.8
70°	710.9	4887.2	9154.7	9741.6	8453.2	4209.1	699.2	591.6	589.3	568.2
72.5°	465.3	2623.6	5153.8	5738.3	5439.0	2422.5	423.2	395.2	404.5	395.2
75°	278.3	570.6	867.5	1127.1	867.5	406.9	254.9	250.2	254.9	243.2
77.5°	163.7	159.0	154.3	154.3	152.0	140.3	128.6	123.9	126.3	128.6
80°	105.2	100.5	95.9	93.5	81.8	77.2	72.5	67.8	67.8	70.2
82.5°	67.8	63.1	58.5	51.4	42.1	35.1	32.7	28.1	28.1	30.4
85°	35.1	28.1	21.0	16.4	9.4	4.7	0.0	0.0	0.0	0.0
87.5°	7.0	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

(END OF REPORT)