

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: P640299

Luminaire Tested: GWS-SA5D-750-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P640299
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-SA5D-750-U-SLR-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24042.4 lumens
Efficiency: N/A
Efficacy: 117.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

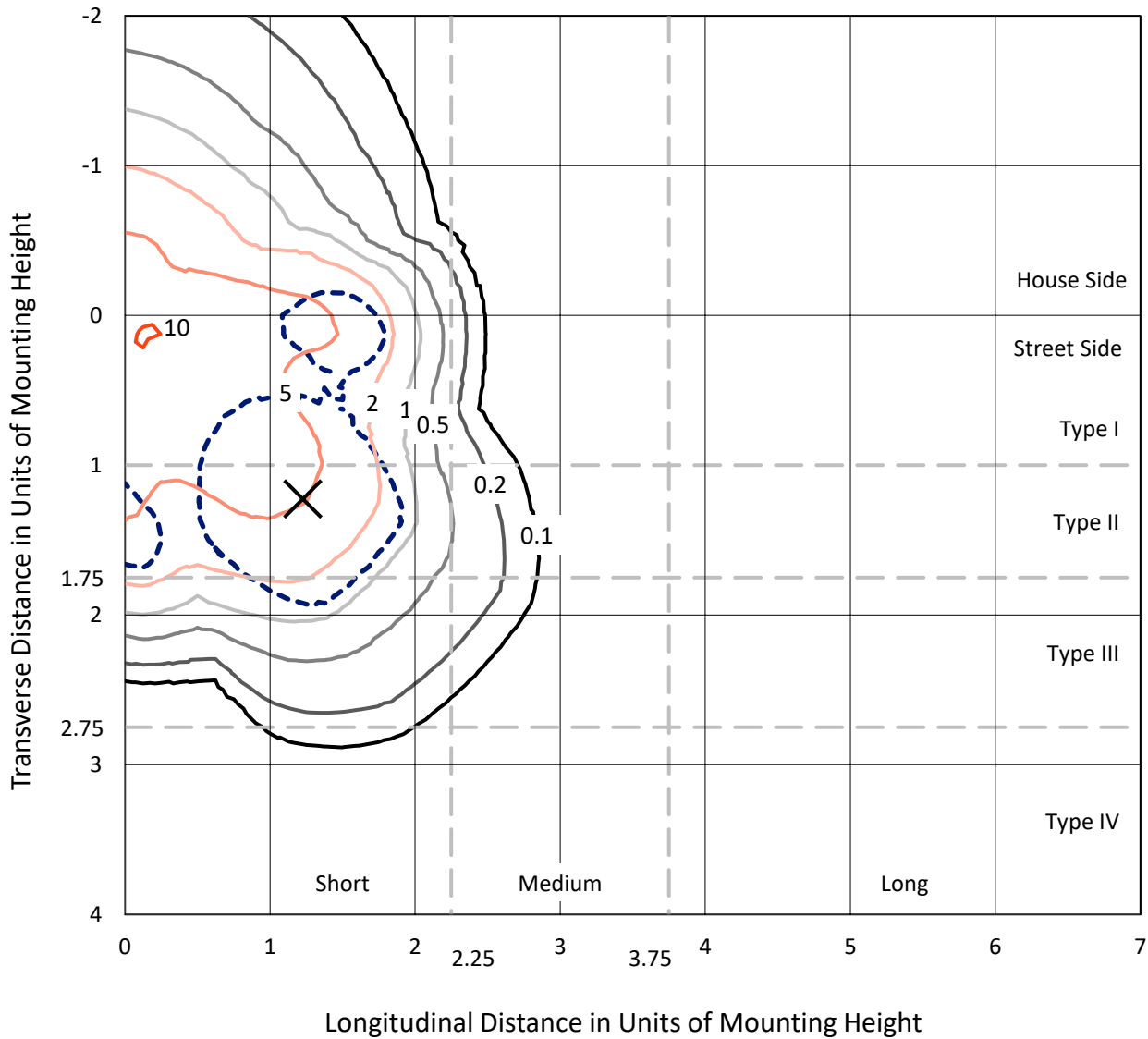
Input Watts (W): 204.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

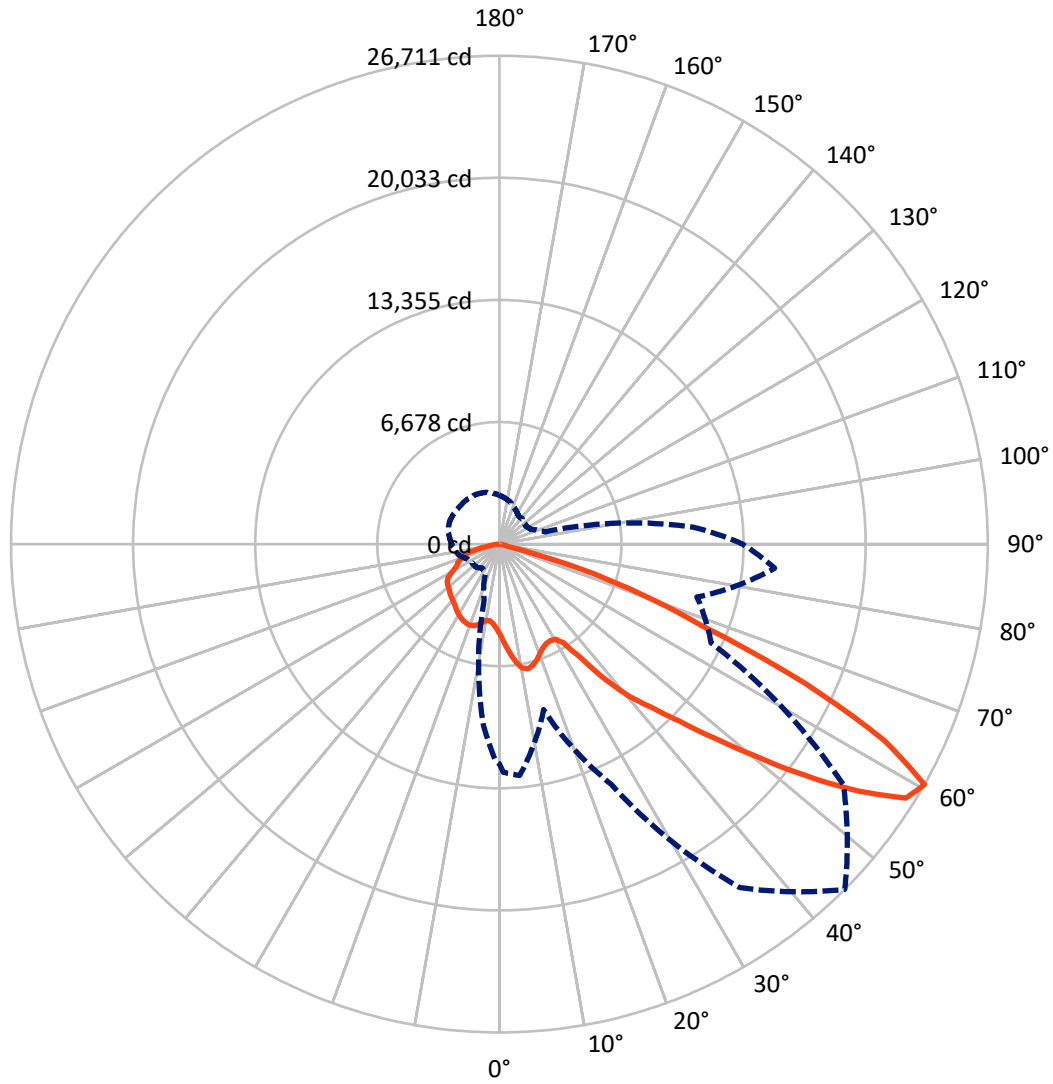
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.5 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
House Side	Lumens	8427.7	0.0	8427.7
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	15614.7	0.0	15614.7
	% Fixture	64.9	0.0	64.9
Total	Lumens	24042.4	0.0	24042.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	481.9	2.0
10°-20°	1522.7	6.3
20°-30°	2473.5	10.3
30°-40°	3488.4	14.5
40°-50°	4820.9	20.1
50°-60°	6205.9	25.8
60°-70°	3932.1	16.4
70°-80°	1009.0	4.2
80°-90°	107.9	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°	24042.4	100.0
0°-180°	24042.4	100.0

Coefficient of Utilization



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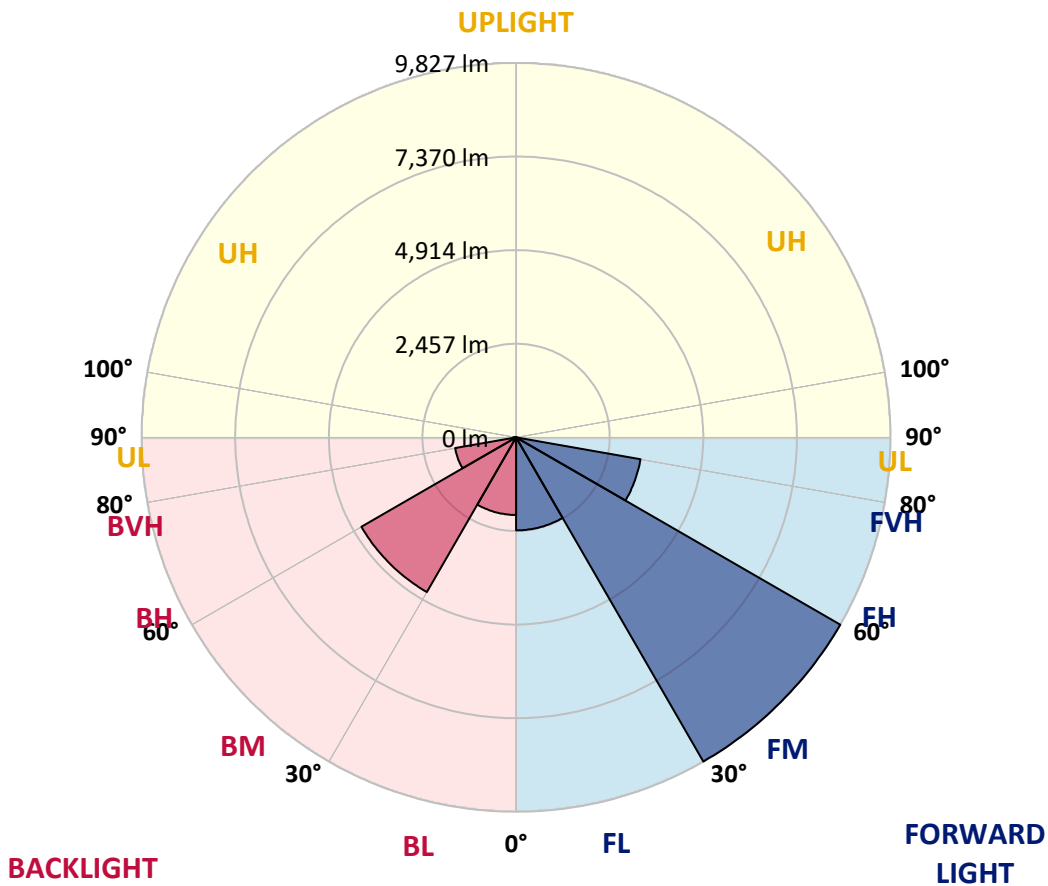
CATALOG NUMBER: GWS-SA5D-750-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2441.2	10.2			
FM (30°-60°)	9827.1	40.9			
FH (60°-80°)	3317.0	13.8			G2/5000
FVH (80°-90°)	29.3	0.1			G1/100
BL (0°-30°)	2037.0	8.5	B3/2500		
BM (30°-60°)	4688.1	19.5	B3/5000		
BH (60°-80°)	1624.1	6.8	B3/2500		G3/2500
BVH (80°-90°)	78.6	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°	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0
2.5°	5165.9	5201.2	5223.2	5265.1	5340.0	5381.8	5428.1	5377.4	5390.6	5384.0	5302.5
5°	5472.1	5514.0	5571.3	5694.6	5833.4	5910.5	5983.2	5972.2	5903.9	5789.4	5707.8
7.5°	5758.5	5807.0	5906.1	6106.6	6311.5	6430.4	6518.5	6461.3	6404.0	6223.3	6018.5
10°	5983.2	6011.9	6146.2	6415.0	6652.9	6787.3	6895.2	6882.0	6802.7	6600.0	6324.7
12.5°	6194.7	6214.5	6359.9	6628.7	6842.4	6901.8	6990.0	7018.6	6992.2	6840.2	6569.2
15°	6421.6	6459.0	6593.4	6798.3	6895.2	6833.6	6864.4	6943.7	7018.6	7018.6	6769.7
17.5°	6633.1	6666.1	6802.7	6890.8	6798.3	6635.3	6644.1	6745.4	6923.9	7111.1	6952.5
20°	6820.3	6851.2	6985.6	6901.8	6608.8	6370.9	6364.3	6487.7	6776.3	7170.6	7148.6
22.5°	7025.2	7069.3	7181.6	6910.7	6432.6	6130.8	6128.6	6256.4	6646.3	7230.1	7373.3
25°	7316.0	7384.3	7441.6	6987.8	6337.9	5974.4	6003.0	6124.2	6604.4	7327.0	7705.9
27.5°	7747.8	7802.8	7798.4	7148.6	6333.5	5910.5	5970.0	6111.0	6679.3	7498.8	8056.2
30°	8214.8	8243.4	8197.2	7373.3	6434.8	5950.2	6038.3	6205.7	6868.8	7783.0	8571.7
32.5°	8732.5	8767.7	8679.6	7710.3	6670.5	6243.2	6437.0	6518.5	7135.4	8192.8	9118.0
35°	9327.3	9395.6	9212.7	8155.3	7364.5	7311.6	7593.6	7487.8	7701.5	8677.4	9701.8
37.5°	9952.9	9955.1	9693.0	8814.0	8725.9	8816.2	9380.2	9049.7	8902.1	9217.1	10296.6
40°	10483.8	10470.6	10067.5	9701.8	9911.1	10270.2	10950.9	10444.2	10056.5	9941.9	10790.0
42.5°	11014.7	10966.3	10558.7	10265.7	10728.4	11466.4	12235.2	11614.0	10796.7	10600.6	11276.9
45°	11693.3	11677.8	11186.6	10490.4	11466.4	12805.7	13825.7	12819.0	11235.0	10983.9	12087.6
47.5°	12788.1	12713.2	11799.0	10472.8	12158.1	14590.1	15878.9	14336.8	11541.3	10992.7	13396.1
50°	13858.8	13766.2	12530.4	10470.6	12871.8	16440.6	18302.1	16180.7	11854.1	11045.6	14726.7
52.5°	14940.4	14940.4	13731.0	10719.6	13620.8	18507.0	21102.1	18478.3	12387.2	11737.3	16363.5
55°	15583.7	15755.5	15081.4	11140.3	14497.6	20939.0	23871.2	20958.9	13211.1	12986.4	17874.7
57.5°	14766.4	15088.0	14991.1	10847.3	15015.3	22725.6	26219.5	22840.2	13618.6	13134.0	17647.8
60°	12032.5	12479.7	12702.2	9366.9	14504.2	22932.7	26710.8	22963.5	12777.1	11184.4	15116.6
62.5°	7998.9	8366.8	8706.1	6692.6	12556.8	20630.6	23624.4	20637.2	10671.1	8347.0	10472.8
65°	3923.5	4196.6	4562.3	3956.5	9809.7	17238.1	18418.9	16676.3	7719.1	4672.5	5342.2
67.5°	1026.6	1103.7	1154.3	1535.5	7027.4	12385.0	12012.7	12197.7	4958.8	1526.6	1396.7
70°	533.1	537.5	535.3	634.4	4749.6	7871.1	8278.7	7659.7	3460.8	638.9	550.7
72.5°	381.1	383.3	376.7	427.4	2293.3	4509.4	4672.5	4621.8	1813.0	378.9	376.7
75°	248.9	251.1	246.7	251.1	345.9	513.3	473.6	497.9	301.8	240.1	240.1
77.5°	147.6	149.8	147.6	152.0	147.6	147.6	136.6	136.6	130.0	130.0	132.2
80°	99.1	99.1	96.9	101.3	92.5	92.5	88.1	85.9	79.3	77.1	77.1
82.5°	59.5	61.7	59.5	59.5	55.1	55.1	50.7	48.5	41.9	41.9	39.7
85°	30.8	30.8	28.6	28.6	24.2	22.0	17.6	17.6	13.2	11.0	11.0
87.5°	4.4	4.4	2.2	2.2	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°	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0
2.5°	5280.5	5236.4	5170.3	5106.4	5047.0	4985.3	4914.8	4842.1	4780.4	4716.5	4683.5
5°	5599.9	5509.6	5337.7	5185.7	5049.2	4936.8	4815.6	4712.1	4615.2	4535.9	4496.2
7.5°	5888.5	5747.5	5487.5	5247.4	5062.4	4908.2	4740.7	4586.5	4456.6	4359.6	4322.2
10°	6155.0	5987.6	5646.2	5342.2	5126.3	4954.4	4749.6	4540.3	4368.4	4240.7	4209.8
12.5°	6370.9	6179.3	5771.7	5419.3	5163.7	4978.7	4798.0	4617.4	4447.8	4282.5	4256.1
15°	6562.6	6335.7	5866.5	5467.7	5150.5	4914.8	4762.8	4740.7	4740.7	4553.5	4500.6
17.5°	6727.8	6478.9	5943.6	5489.8	5066.8	4725.3	4632.8	4824.5	5040.3	4906.0	4787.0
20°	6917.3	6615.5	6007.4	5489.8	4912.6	4485.2	4476.4	4802.4	5121.9	5124.1	4998.5
22.5°	7108.9	6774.1	6082.3	5469.9	4701.1	4207.6	4370.7	4714.3	4998.5	5119.7	5033.7
25°	7419.5	6994.4	6201.3	5454.5	4454.4	4018.2	4275.9	4597.6	4837.7	4965.4	4910.4
27.5°	7813.9	7285.2	6381.9	5478.7	4209.8	3905.8	4174.6	4445.6	4663.6	4776.0	4736.3
30°	8254.5	7620.0	6575.8	5520.6	4033.6	3848.6	4053.4	4271.5	4465.4	4577.7	4560.1
32.5°	8816.2	7983.5	6743.2	5463.3	3934.5	3819.9	3925.7	4082.1	4269.3	4339.8	4355.2
35°	9488.1	8384.4	6871.0	5238.6	3844.1	3789.1	3786.9	3883.8	4016.0	4128.3	4139.3
37.5°	10107.1	8853.7	7012.0	4853.1	3681.1	3712.0	3623.9	3681.1	3811.1	3923.5	3967.5
40°	10719.6	9329.5	7208.1	4361.8	3467.4	3540.1	3436.6	3476.3	3579.8	3727.4	3797.9
42.5°	11314.4	9759.1	7415.1	3859.6	3253.8	3300.0	3222.9	3262.6	3370.5	3555.6	3634.9
45°	11962.0	10340.6	7575.9	3385.9	3068.7	3048.9	2987.2	3044.5	3207.5	3410.2	3504.9
47.5°	13186.9	11257.1	7681.7	3070.9	2969.6	2826.4	2755.9	2879.3	3064.3	3269.2	3383.7
50°	14682.7	12583.2	7650.8	2870.4	2883.7	2597.3	2573.0	2736.1	2934.3	3148.0	3273.6
52.5°	15867.8	13885.2	7300.6	2678.8	2716.2	2451.9	2381.4	2619.3	2808.8	3026.9	3156.8
55°	16773.3	14323.6	6225.5	2451.9	2443.1	2346.1	2198.5	2498.1	2683.2	2885.9	3026.9
57.5°	16035.3	13347.7	4615.2	2139.1	2086.2	2136.9	1993.7	2293.3	2529.0	2729.5	2855.0
60°	13308.0	10642.5	2570.8	1894.5	1744.7	1868.1	1846.1	2077.4	2361.6	2573.0	2681.0
62.5°	9034.3	7086.9	1524.4	1498.0	1414.3	1590.5	1707.3	1859.3	2139.1	2310.9	2412.2
65°	4502.8	3443.2	1013.4	1121.3	1132.3	1308.6	1528.8	1696.3	1929.8	2106.0	2207.4
67.5°	1306.3	1070.6	771.0	856.9	975.9	1116.9	1293.1	1491.4	1718.3	1927.6	2046.5
70°	564.0	570.6	612.4	713.8	830.5	975.9	1152.1	1346.0	1537.7	1698.5	1788.8
72.5°	398.7	414.2	460.4	564.0	674.1	812.9	989.1	1176.4	1315.2	1478.2	1572.9
75°	255.5	266.6	304.0	383.3	464.8	599.2	766.6	938.5	1081.6	1198.4	1288.7
77.5°	141.0	143.2	174.0	220.3	275.4	361.3	484.6	619.0	724.8	790.9	872.4
80°	81.5	81.5	96.9	125.6	158.6	211.5	279.8	345.9	409.7	451.6	491.3
82.5°	44.1	44.1	50.7	68.3	85.9	116.8	156.4	189.5	229.1	251.1	277.6
85°	13.2	13.2	17.6	24.2	30.8	44.1	61.7	79.3	96.9	112.4	127.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
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°	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0
2.5°	4676.9	4646.0	4628.4	4606.4	4613.0	4593.2	4582.1	4588.7	4549.1	4588.7	4628.4
5°	4480.8	4436.7	4401.5	4372.9	4359.6	4333.2	4317.8	4317.8	4293.5	4333.2	4381.7
7.5°	4309.0	4273.7	4256.1	4238.5	4218.6	4194.4	4168.0	4159.2	4143.7	4185.6	4227.5
10°	4194.4	4198.8	4209.8	4234.1	4229.7	4214.2	4174.6	4152.6	4152.6	4201.0	4264.9
12.5°	4247.3	4293.5	4320.0	4364.0	4372.9	4359.6	4320.0	4302.4	4346.4	4419.1	4524.9
15°	4452.2	4483.0	4505.0	4540.3	4538.1	4527.1	4496.2	4509.4	4654.8	4795.8	4890.5
17.5°	4674.7	4639.4	4635.0	4657.0	4663.6	4650.4	4632.8	4692.3	4932.4	5064.6	5113.0
20°	4835.5	4714.3	4687.9	4696.7	4714.3	4707.7	4707.7	4804.6	5053.6	5115.2	5053.6
22.5°	4883.9	4712.1	4672.5	4674.7	4698.9	4701.1	4712.1	4813.4	4958.8	4961.0	4866.3
25°	4806.8	4641.6	4613.0	4617.4	4646.0	4643.8	4648.2	4705.5	4769.4	4743.0	4672.5
27.5°	4661.4	4518.3	4509.4	4533.7	4571.1	4551.3	4538.1	4553.5	4584.3	4551.3	4489.6
30°	4496.2	4375.1	4379.5	4425.7	4465.4	4432.3	4399.3	4408.1	4410.3	4375.1	4304.6
32.5°	4322.2	4231.9	4247.3	4295.8	4342.0	4306.8	4271.5	4267.1	4225.3	4183.4	4115.1
35°	4148.2	4112.9	4132.7	4172.4	4212.0	4183.4	4161.4	4148.2	4057.8	3996.2	3938.9
37.5°	3989.5	4016.0	4051.2	4075.5	4088.7	4086.5	4073.3	4042.4	3923.5	3850.8	3775.9
40°	3848.6	3930.1	3967.5	3978.5	3998.4	3993.9	3991.7	3947.7	3791.3	3714.2	3628.3
42.5°	3720.8	3835.3	3899.2	3910.2	3921.3	3923.5	3916.8	3853.0	3674.5	3584.2	3502.7
45°	3597.4	3747.2	3828.7	3817.7	3833.1	3833.1	3839.7	3756.0	3560.0	3467.4	3381.5
47.5°	3489.5	3665.7	3740.6	3727.4	3736.2	3742.8	3749.4	3652.5	3434.4	3346.3	3258.2
50°	3390.3	3577.6	3641.5	3645.9	3645.9	3661.3	3659.1	3564.4	3328.7	3233.9	3145.8
52.5°	3284.6	3487.3	3555.6	3584.2	3593.0	3599.6	3568.8	3458.6	3220.7	3106.2	3024.7
55°	3161.2	3394.7	3456.4	3493.9	3511.5	3507.1	3465.2	3352.9	3110.6	2996.0	2903.5
57.5°	2974.0	3196.5	3284.6	3302.2	3330.9	3313.2	3264.8	3170.0	2934.3	2819.8	2725.0
60°	2769.1	2929.9	3000.4	3015.8	2993.8	3000.4	2993.8	2903.5	2698.6	2608.3	2511.4
62.5°	2500.3	2643.5	2718.4	2738.3	2700.8	2725.0	2716.2	2603.9	2399.0	2304.3	2218.4
65°	2297.7	2454.1	2542.2	2553.2	2542.2	2553.2	2522.4	2385.8	2191.9	2095.0	2006.9
67.5°	2139.1	2299.9	2392.4	2423.2	2412.2	2410.0	2361.6	2202.9	2002.5	1896.7	1784.4
70°	1865.9	2006.9	2125.8	2200.7	2200.7	2158.9	2066.4	1918.8	1758.0	1667.6	1579.5
72.5°	1652.2	1830.7	1947.4	2024.5	2039.9	2015.7	1885.7	1729.3	1544.3	1453.9	1361.4
75°	1361.4	1535.5	1661.0	1762.4	1782.2	1755.8	1606.0	1451.7	1279.9	1191.8	1099.3
77.5°	909.8	1013.4	1114.7	1207.2	1187.4	1205.0	1103.7	986.9	881.2	815.1	773.2
80°	513.3	581.6	612.4	663.1	663.1	663.1	597.0	541.9	482.4	445.0	403.1
82.5°	290.8	334.8	348.1	389.9	400.9	403.1	359.1	323.8	286.4	266.6	237.9
85°	134.4	158.6	160.8	185.0	193.9	211.5	191.7	167.4	145.4	136.6	119.0
87.5°	4.4	13.2	17.6	33.0	44.1	50.7	55.1	55.1	46.3	41.9	35.2
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: P640299

CATALOG NUMBER: GWS-SA5D-750-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0	4939.0
2.5°	4676.9	4729.7	4791.4	4835.5	4914.8	4980.9	5049.2	5124.1	5179.1	5165.9
5°	4441.1	4529.3	4641.6	4745.2	4892.8	5042.6	5207.8	5377.4	5476.5	5472.1
7.5°	4309.0	4434.5	4571.1	4709.9	4883.9	5099.8	5353.2	5617.5	5751.9	5758.5
10°	4379.5	4513.8	4606.4	4723.1	4906.0	5176.9	5480.9	5798.2	5952.4	5983.2
12.5°	4602.0	4590.9	4584.3	4668.1	4888.3	5232.0	5604.3	5983.2	6157.2	6194.7
15°	4813.4	4586.5	4450.0	4507.2	4809.0	5267.3	5725.5	6185.9	6381.9	6421.6
17.5°	4853.1	4509.4	4256.1	4295.8	4683.5	5278.3	5842.2	6384.1	6595.6	6633.1
20°	4743.0	4410.3	4115.1	4060.0	4524.9	5249.6	5914.9	6549.4	6780.7	6820.3
22.5°	4604.2	4322.2	4009.4	3866.2	4331.0	5221.0	5996.4	6723.4	6990.0	7025.2
25°	4458.8	4209.8	3910.2	3692.1	4110.7	5203.4	6133.0	6952.5	7274.1	7316.0
27.5°	4304.6	4073.3	3824.3	3608.4	3908.0	5225.4	6326.9	7322.6	7688.3	7747.8
30°	4139.3	3936.7	3769.2	3579.8	3769.2	5245.2	6540.6	7701.5	8131.1	8214.8
32.5°	3967.5	3811.1	3712.0	3593.0	3683.3	5199.0	6727.8	8126.7	8659.8	8732.5
35°	3795.7	3683.3	3639.3	3617.2	3568.8	5029.3	6879.8	8556.3	9263.4	9327.3
37.5°	3634.9	3551.2	3537.9	3562.2	3392.5	4751.8	7056.0	9102.6	9856.0	9952.9
40°	3485.1	3408.0	3405.8	3401.4	3198.7	4372.9	7294.0	9657.7	10439.8	10483.8
42.5°	3346.3	3249.4	3267.0	3214.1	3040.1	3963.1	7518.7	10131.4	10983.9	11014.7
45°	3222.9	3095.1	3115.0	3048.9	2965.2	3533.5	7716.9	10690.9	11673.4	11693.3
47.5°	3104.0	2967.4	2912.3	2907.9	2952.0	3137.0	7910.8	11768.2	12752.9	12788.1
50°	2993.8	2846.2	2689.8	2786.7	2870.4	2839.6	8153.1	12922.5	13867.6	13858.8
52.5°	2888.1	2694.2	2471.7	2659.0	2659.0	2619.3	8084.8	13623.0	14788.4	14940.4
55°	2766.9	2449.7	2244.8	2445.3	2348.3	2421.0	6875.4	13852.1	15367.8	15583.7
57.5°	2526.8	2147.9	1969.4	2077.4	1932.0	2244.8	4939.0	12715.4	14383.1	14766.4
60°	2295.5	1925.4	1808.6	1788.8	1599.3	1830.7	3200.9	9955.1	11838.7	12032.5
62.5°	2024.5	1733.7	1634.6	1482.6	1286.5	1332.8	1938.6	6551.6	7954.9	7998.9
65°	1819.6	1570.7	1381.2	1200.6	1053.0	967.1	1145.5	3159.0	3976.3	3923.5
67.5°	1561.9	1346.0	1165.4	1035.4	914.2	806.3	762.2	938.5	1061.8	1026.6
70°	1390.1	1183.0	1009.0	885.6	773.2	665.3	588.2	552.9	541.9	533.1
72.5°	1198.4	1017.8	837.1	718.2	612.4	513.3	442.8	400.9	389.9	381.1
75°	956.1	786.5	621.2	508.9	416.4	345.9	299.6	264.4	257.7	248.9
77.5°	632.2	504.5	370.1	301.8	246.7	209.3	178.4	156.4	152.0	147.6
80°	348.1	290.8	226.9	182.8	147.6	127.8	116.8	103.5	101.3	99.1
82.5°	207.1	174.0	130.0	103.5	85.9	77.1	70.5	63.9	61.7	59.5
85°	103.5	81.5	57.3	48.5	44.1	39.7	39.7	33.0	30.8	30.8
87.5°	26.4	22.0	13.2	11.0	11.0	11.0	8.8	6.6	6.6	4.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)