

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: P637710

Luminaire Tested: GWS-SA4D-735-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P637710
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-SA4D-735-U-SLL-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18800.4 lumens
Efficiency: N/A
Efficacy: 116.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

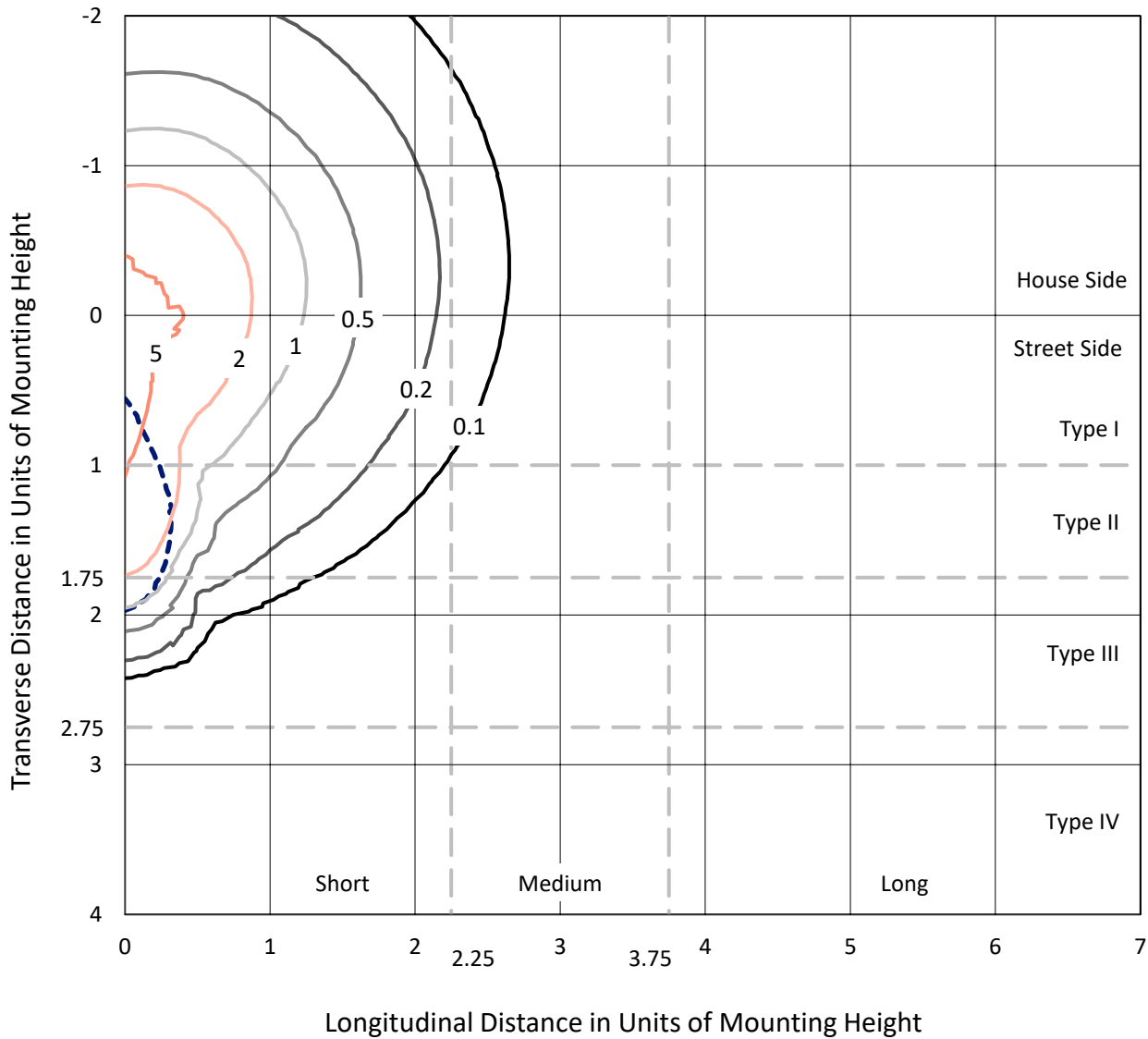
Input Watts (W): 162.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

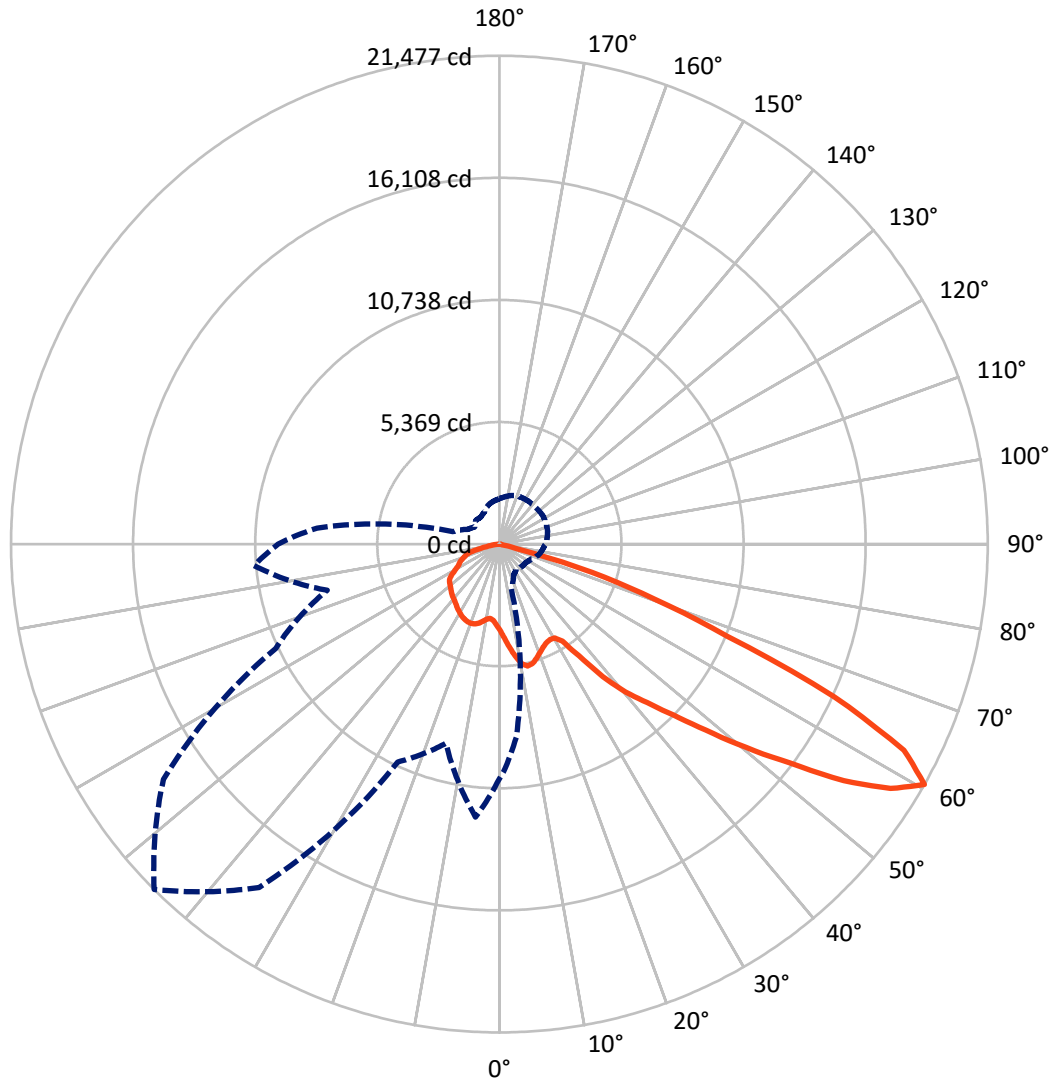
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.3 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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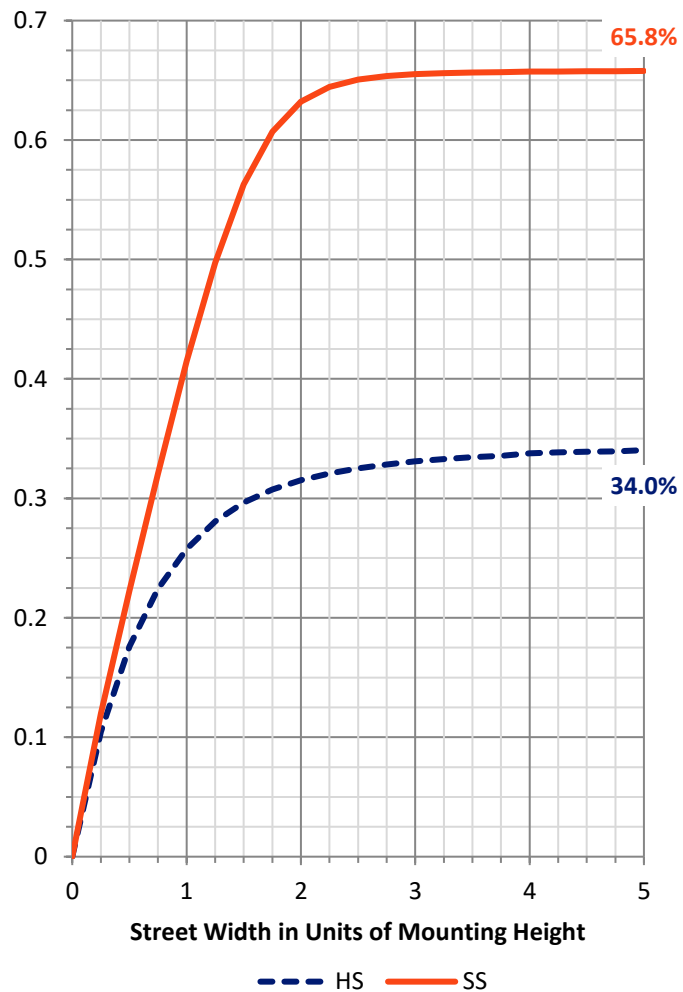
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6431.4	0.0	6431.4
	% Fixture	34.2	0.0	34.2
Street Side	Lumens	12369.0	0.0	12369.0
	% Fixture	65.8	0.0	65.8
Total	Lumens	18800.4	0.0	18800.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	370.5	2.0
10°-20°	1188.2	6.3
20°-30°	1935.2	10.3
30°-40°	2718.5	14.5
40°-50°	3720.0	19.8
50°-60°	4772.6	25.4
60°-70°	3213.7	17.1
70°-80°	803.4	4.3
80°-90°	78.3	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°	18800.4	100.0
0°-180°	18800.4	100.0

Coefficient of Utilization



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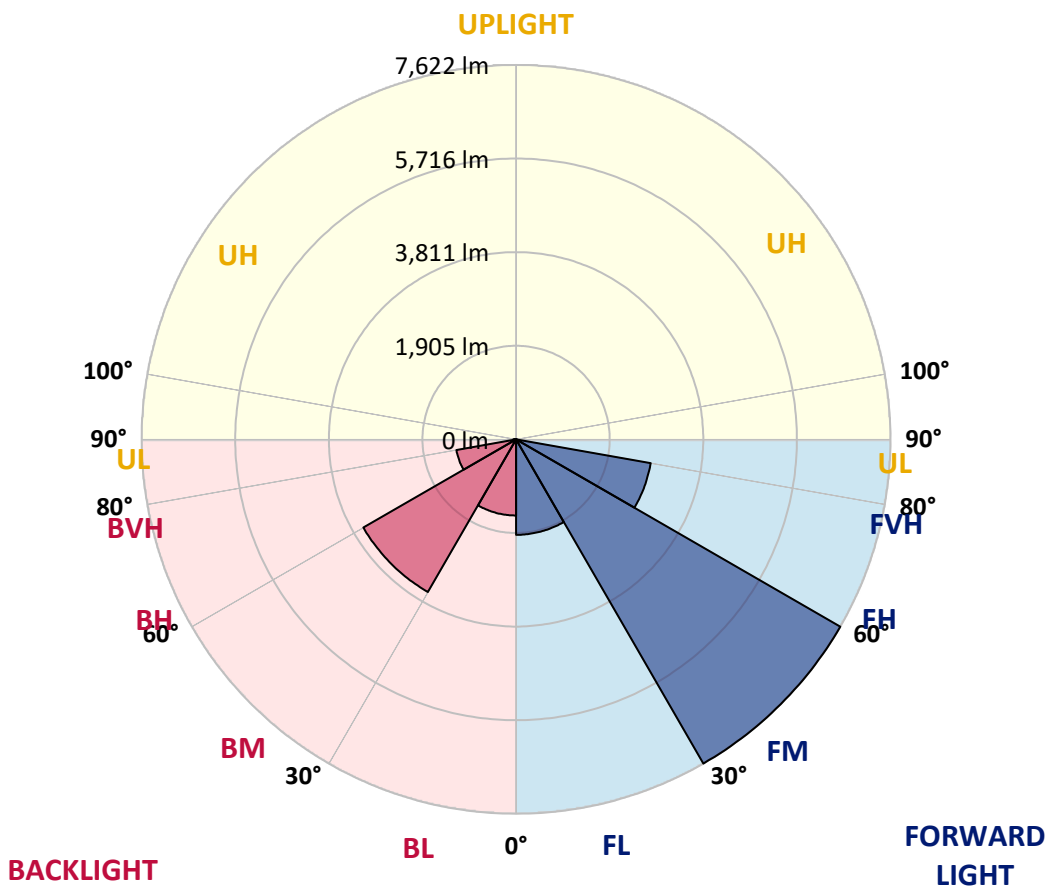
CATALOG NUMBER: GWS-SA4D-735-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1943.5	10.3			
FM (30°-60°)	7621.8	40.5			
FH (60°-80°)	2783.2	14.8			G2/5000
FVH (80°-90°)	20.4	0.1			G1/100
BL (0°-30°)	1550.4	8.2	B3/2500		
BM (30°-60°)	3589.3	19.1	B3/5000		
BH (60°-80°)	1233.8	6.6	B3/2500		G3/2500
BVH (80°-90°)	58.0	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°	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8
2.5°	4011.7	4003.1	3994.4	3926.9	3909.6	3861.1	3826.5	3783.2	3720.9	3686.2	3656.8
5°	4262.8	4248.9	4202.2	4063.7	3973.6	3874.9	3793.6	3703.5	3608.3	3546.0	3497.5
7.5°	4500.0	4496.5	4416.9	4188.3	4042.9	3900.9	3790.1	3658.5	3521.7	3428.2	3365.9
10°	4719.9	4693.9	4598.7	4300.9	4110.4	3947.7	3828.2	3682.8	3523.5	3397.1	3314.0
12.5°	4913.8	4880.9	4749.3	4404.8	4169.3	3968.4	3838.6	3719.1	3613.5	3507.9	3412.7
15°	5073.1	5033.3	4900.0	4501.7	4221.2	3956.3	3774.5	3681.0	3717.4	3764.1	3658.5
17.5°	5222.0	5180.5	5017.7	4572.7	4236.8	3881.9	3617.0	3577.1	3760.7	3973.6	3925.2
20°	5346.7	5299.9	5111.2	4607.3	4209.1	3739.9	3412.7	3481.9	3724.3	3978.8	4056.8
22.5°	5481.7	5443.6	5216.8	4657.6	4174.5	3544.2	3241.2	3410.9	3662.0	3885.3	4003.1
25°	5698.1	5651.4	5381.3	4745.9	4157.2	3360.7	3118.3	3341.7	3575.4	3778.0	3869.8
27.5°	6011.5	5925.0	5606.4	4900.0	4176.2	3187.6	3040.4	3256.8	3475.0	3648.1	3722.6
30°	6352.6	6248.7	5855.7	5059.3	4203.9	3082.0	2998.8	3159.9	3320.9	3494.0	3575.4
32.5°	6756.1	6664.3	6122.4	5178.7	4145.1	3033.5	2967.7	3054.2	3182.4	3320.9	3388.4
35°	7237.4	7072.9	6413.2	5275.7	3954.6	2962.5	2940.0	2938.2	3005.8	3140.8	3217.0
37.5°	7755.1	7578.5	6771.6	5379.6	3658.5	2849.9	2874.2	2801.5	2863.8	2971.1	3057.7
40°	8179.3	7994.0	7133.5	5521.5	3288.0	2673.3	2728.7	2650.8	2688.9	2799.7	2896.7
42.5°	8594.8	8397.5	7471.1	5682.6	2929.6	2500.2	2527.9	2498.5	2510.6	2626.6	2761.6
45°	9140.2	8918.6	7886.7	5796.8	2607.5	2363.4	2337.4	2287.2	2351.3	2501.9	2645.6
47.5°	10051.0	9786.1	8567.1	5871.3	2373.8	2285.5	2166.0	2136.6	2216.2	2384.2	2533.1
50°	11115.8	10887.3	9654.5	5867.8	2198.9	2219.7	1999.8	1973.8	2105.4	2275.1	2432.7
52.5°	11988.5	11756.4	10584.3	5694.7	2055.2	2079.5	1902.8	1830.1	2010.2	2167.8	2325.3
55°	12693.1	12431.7	11011.9	4970.9	1873.4	1856.1	1797.2	1663.9	1890.7	2060.4	2207.6
57.5°	12314.0	12002.3	10494.2	3779.7	1686.4	1577.3	1615.4	1516.7	1728.0	1940.9	2082.9
60°	10324.5	10044.0	8525.6	2011.9	1483.8	1317.6	1397.3	1412.9	1549.6	1797.2	1942.7
62.5°	7092.0	6887.6	5777.8	1220.7	1170.4	1057.9	1182.6	1295.1	1397.3	1606.8	1733.2
65°	3469.8	3409.2	2889.8	782.6	819.0	855.3	980.0	1116.8	1267.4	1450.9	1584.3
67.5°	955.8	962.7	876.1	611.2	645.8	746.2	844.9	954.0	1104.7	1274.3	1409.4
70°	420.7	427.7	441.5	471.0	536.7	628.5	730.7	843.2	981.7	1123.7	1253.6
72.5°	292.6	299.5	320.3	358.4	417.3	503.8	600.8	708.2	851.9	971.3	1078.7
75°	180.1	185.3	204.3	237.2	277.0	342.8	438.1	536.7	663.1	772.2	867.4
77.5°	95.2	91.8	103.9	126.4	161.0	195.7	259.7	322.0	412.1	500.4	580.0
80°	51.9	50.2	57.1	69.3	79.6	107.3	150.6	192.2	244.1	294.3	337.6
82.5°	22.5	20.8	22.5	29.4	36.4	51.9	76.2	105.6	135.1	169.7	197.4
85°	0.0	0.0	0.0	1.7	8.7	13.9	26.0	38.1	55.4	76.2	93.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	15.6
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°	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8
2.5°	3639.5	3596.2	3592.7	3558.1	3561.6	3563.3	3528.7	3514.8	3526.9	3540.8	3533.9
5°	3480.2	3435.2	3416.1	3383.2	3379.8	3364.2	3350.3	3333.0	3345.1	3357.3	3364.2
7.5°	3341.7	3312.2	3300.1	3291.5	3294.9	3288.0	3260.3	3244.7	3243.0	3248.2	3255.1
10°	3296.7	3272.4	3288.0	3312.2	3329.5	3341.7	3312.2	3286.3	3262.0	3251.6	3251.6
12.5°	3393.6	3362.4	3393.6	3419.6	3454.2	3462.9	3430.0	3402.3	3393.6	3404.0	3424.8
15°	3608.3	3535.6	3533.9	3549.4	3577.1	3591.0	3559.8	3546.0	3546.0	3611.8	3663.7
17.5°	3823.0	3703.5	3653.3	3644.7	3662.0	3667.2	3641.2	3629.1	3660.3	3788.4	3885.3
20°	3973.6	3828.2	3719.1	3698.3	3703.5	3705.3	3684.5	3675.8	3720.9	3876.7	3958.1
22.5°	3958.1	3850.7	3717.4	3691.4	3700.1	3696.6	3677.6	3674.1	3710.5	3845.5	3883.6
25°	3850.7	3767.6	3655.1	3637.7	3651.6	3649.9	3630.8	3622.2	3637.7	3727.8	3731.2
27.5°	3727.8	3655.1	3558.1	3552.9	3575.4	3587.5	3554.6	3528.7	3523.5	3584.1	3570.2
30°	3580.6	3526.9	3449.0	3452.5	3494.0	3501.0	3461.1	3423.0	3412.7	3445.6	3426.5
32.5°	3405.7	3388.4	3346.9	3355.5	3395.3	3409.2	3367.6	3327.8	3315.7	3326.1	3286.3
35°	3256.8	3249.9	3253.4	3268.9	3303.6	3314.0	3279.3	3248.2	3230.9	3194.5	3142.6
37.5°	3102.7	3121.8	3172.0	3201.4	3220.5	3217.0	3198.0	3175.5	3147.7	3080.2	3016.2
40°	2959.0	3007.5	3097.5	3130.4	3137.4	3139.1	3125.2	3106.2	3071.6	2981.5	2908.8
42.5°	2848.2	2901.9	3021.4	3071.6	3075.0	3078.5	3064.6	3049.1	3000.6	2881.1	2810.1
45°	2732.2	2803.2	2943.4	3004.0	3000.6	2998.8	2986.7	2979.8	2922.7	2784.1	2706.2
47.5°	2633.5	2716.6	2867.3	2919.2	2917.5	2915.7	2907.1	2907.1	2849.9	2699.3	2611.0
50°	2536.6	2631.8	2789.3	2832.6	2836.1	2832.6	2829.2	2834.4	2766.8	2605.8	2519.2
52.5°	2430.9	2538.3	2702.8	2742.6	2763.4	2772.0	2772.0	2759.9	2680.3	2512.3	2417.1
55°	2314.9	2417.1	2607.5	2661.2	2678.5	2694.1	2694.1	2669.9	2595.4	2425.7	2323.6
57.5°	2171.2	2261.3	2411.9	2465.6	2507.1	2517.5	2517.5	2477.7	2417.1	2254.3	2171.2
60°	2015.4	2093.3	2195.5	2252.6	2283.8	2263.0	2278.6	2268.2	2219.7	2069.1	1999.8
62.5°	1807.6	1887.3	1999.8	2058.7	2072.5	2051.7	2072.5	2070.8	2005.0	1869.9	1786.8
65°	1658.7	1736.6	1847.4	1923.6	1946.1	1940.9	1954.8	1934.0	1852.6	1724.5	1644.9
67.5°	1482.1	1565.2	1693.3	1778.2	1824.9	1830.1	1849.2	1805.9	1722.8	1582.5	1482.1
70°	1314.2	1385.1	1483.8	1563.5	1629.3	1662.2	1665.6	1603.3	1499.4	1383.4	1310.7
72.5°	1137.6	1210.3	1329.7	1416.3	1499.4	1537.5	1537.5	1461.3	1348.8	1220.7	1142.7
75°	922.9	990.4	1099.5	1193.0	1288.2	1336.7	1334.9	1269.1	1144.5	1023.3	941.9
77.5°	625.0	675.3	744.5	815.5	829.4	867.4	886.5	803.4	734.1	668.3	595.6
80°	363.6	394.8	432.9	472.7	481.3	493.5	462.3	431.1	394.8	351.5	318.6
82.5°	213.0	233.7	252.8	284.0	289.1	292.6	264.9	251.1	221.6	195.7	174.9
85°	103.9	110.8	128.1	143.7	136.8	133.3	121.2	107.3	95.2	84.8	74.5
87.5°	20.8	20.8	31.2	29.4	24.2	20.8	12.1	15.6	3.5	3.5	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°	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8
2.5°	3556.4	3585.8	3622.2	3670.6	3726.0	3784.9	3842.1	3885.3	3928.6	3992.7	3982.3
5°	3374.6	3424.8	3481.9	3556.4	3646.4	3748.6	3862.8	3977.1	4100.0	4203.9	4248.9
7.5°	3268.9	3324.4	3391.9	3488.8	3604.8	3729.5	3890.5	4075.8	4274.9	4411.7	4496.5
10°	3268.9	3339.9	3428.2	3521.7	3623.9	3752.0	3951.1	4183.1	4439.4	4619.5	4718.2
12.5°	3457.7	3528.7	3547.7	3544.2	3601.4	3743.4	3999.6	4295.7	4602.2	4792.6	4913.8
15°	3752.0	3776.3	3632.5	3501.0	3509.6	3681.0	4022.1	4385.7	4742.4	4970.9	5102.5
17.5°	3949.4	3885.3	3629.1	3398.8	3350.3	3575.4	4022.1	4472.3	4891.3	5149.3	5272.2
20°	3965.0	3805.7	3540.8	3300.1	3175.5	3435.2	3994.4	4538.1	5035.0	5320.7	5452.3
22.5°	3828.2	3670.6	3447.3	3215.3	3031.7	3265.5	3949.4	4588.3	5157.9	5481.7	5644.5
25°	3672.4	3540.8	3352.1	3128.7	2933.0	3094.1	3907.8	4673.1	5329.4	5699.9	5864.4
27.5°	3520.0	3409.2	3237.8	3056.0	2877.6	2945.2	3881.9	4797.8	5533.7	6009.8	6151.8
30°	3371.1	3270.7	3114.9	2986.7	2848.2	2848.2	3859.4	4941.5	5803.8	6357.8	6499.8
32.5°	3220.5	3125.2	2998.8	2919.2	2830.9	2810.1	3797.0	5076.6	6082.5	6738.7	6884.2
35°	3080.2	2985.0	2888.0	2855.1	2822.2	2780.7	3642.9	5182.2	6354.4	7183.7	7308.4
37.5°	2948.6	2856.9	2784.1	2775.5	2779.0	2701.0	3400.5	5270.5	6693.7	7639.1	7704.9
40°	2834.4	2732.2	2675.1	2673.3	2690.6	2572.9	3094.1	5396.9	7081.6	8025.2	7997.5
42.5°	2732.2	2624.9	2555.6	2571.2	2560.8	2444.8	2794.5	5512.9	7419.2	8387.1	8331.7
45°	2631.8	2527.9	2430.9	2453.4	2441.3	2365.1	2540.0	5597.7	7793.2	8821.7	8828.6
47.5°	2534.8	2432.7	2335.7	2308.0	2306.3	2340.9	2344.4	5625.4	8402.7	9521.2	9363.6
50°	2444.8	2342.6	2242.2	2148.7	2185.1	2292.4	2198.9	5604.7	9315.1	10293.4	9853.6
52.5°	2351.3	2254.3	2143.5	1975.6	2070.8	2176.4	2069.1	5530.2	9872.6	10975.6	10712.4
55°	2243.9	2152.2	2001.5	1797.2	1913.2	1935.7	1935.7	4809.9	10109.8	11650.8	11813.6
57.5°	2100.2	1979.0	1740.1	1575.6	1679.5	1592.9	1793.8	3365.9	9718.5	11437.9	12069.8
60°	1937.5	1807.6	1554.8	1437.1	1468.3	1315.9	1528.9	2110.6	8054.6	9732.4	10826.7
62.5°	1722.8	1603.3	1393.8	1302.0	1238.0	1073.5	1231.0	1334.9	5521.5	7227.0	7973.3
65°	1579.1	1447.5	1260.5	1139.3	1007.7	864.0	817.2	876.1	2969.4	4044.6	4548.5
67.5°	1409.4	1279.5	1102.9	950.6	844.9	741.1	659.7	638.9	1018.1	1347.1	1457.9
70°	1248.4	1123.7	976.5	834.6	728.9	626.8	547.1	490.0	471.0	467.5	460.6
72.5°	1083.9	967.9	844.9	713.4	597.3	503.8	432.9	367.1	339.4	330.7	322.0
75°	888.2	796.5	673.5	531.6	438.1	351.5	296.1	252.8	228.5	219.9	209.5
77.5°	571.4	529.8	422.5	342.8	264.9	209.5	180.1	152.4	136.8	133.3	124.7
80°	304.7	284.0	233.7	197.4	157.6	128.1	112.5	97.0	88.3	84.8	81.4
82.5°	169.7	154.1	129.9	114.3	91.8	77.9	69.3	62.3	57.1	55.4	53.7
85°	76.2	65.8	51.9	48.5	43.3	39.8	38.1	34.6	32.9	31.2	29.4
87.5°	3.5	6.9	8.7	6.9	6.9	10.4	12.1	12.1	10.4	10.4	8.7
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: P637710

CATALOG NUMBER: GWS-SA4D-735-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8	3791.8
2.5°	4046.4	4098.3	4103.5	4120.8	4098.3	4093.1	4056.8	4036.0	4016.9	4011.7
5°	4361.5	4465.4	4506.9	4536.4	4508.7	4494.8	4415.2	4332.0	4285.3	4262.8
7.5°	4685.3	4841.1	4922.5	4958.8	4962.3	4900.0	4763.2	4607.3	4529.4	4500.0
10°	4974.4	5166.6	5273.9	5343.2	5319.0	5242.8	5055.8	4844.6	4745.9	4719.9
12.5°	5189.1	5372.6	5455.7	5500.8	5499.0	5457.5	5280.9	5052.3	4939.8	4913.8
15°	5327.6	5436.7	5441.9	5452.3	5481.7	5537.1	5445.4	5234.1	5109.5	5073.1
17.5°	5436.7	5393.4	5312.0	5284.3	5350.1	5504.2	5559.6	5388.2	5253.2	5222.0
20°	5506.0	5287.8	5144.1	5090.4	5166.6	5417.7	5628.9	5526.7	5386.5	5346.7
22.5°	5559.6	5189.1	4957.1	4920.7	5000.4	5324.2	5699.9	5691.2	5537.1	5481.7
25°	5644.5	5123.3	4825.5	4799.5	4874.0	5279.1	5795.1	5914.6	5777.8	5698.1
27.5°	5777.8	5116.4	4758.0	4749.3	4851.5	5319.0	5931.9	6241.8	6070.4	6011.5
30°	5963.1	5182.2	4773.6	4790.9	4915.5	5462.7	6144.9	6615.8	6444.4	6352.6
32.5°	6229.7	5358.8	5010.8	5085.2	5177.0	5693.0	6456.5	7021.0	6891.1	6756.1
35°	6581.2	5843.6	5712.0	6028.9	5942.3	6196.8	6832.2	7512.7	7355.1	7237.4
37.5°	7050.4	6837.4	6958.6	7395.0	7185.5	7149.1	7291.1	7959.4	7872.8	7755.1
40°	7708.3	7751.6	7975.0	8548.1	8245.1	8011.3	7853.8	8295.3	8324.7	8179.3
42.5°	8144.7	8343.8	8882.3	9533.3	9116.0	8556.7	8324.7	8724.7	8726.4	8594.8
45°	8307.4	8828.6	9954.0	10703.7	10006.0	8868.4	8584.5	9308.2	9290.9	9140.2
47.5°	8248.6	9237.2	11067.3	12213.5	11148.7	9090.0	8548.1	10139.3	10279.5	10051.0
50°	8125.6	9647.6	12367.6	14062.7	12551.2	9325.5	8492.7	11060.4	11292.4	11115.8
52.5°	8250.3	10104.6	13905.1	15974.2	14310.3	9701.2	8866.7	12243.0	12201.4	11988.5
55°	8645.1	10644.9	15773.4	18375.7	16242.6	10336.7	9827.6	13370.1	12947.7	12693.1
57.5°	8626.0	11031.0	17411.3	20275.1	17923.8	10857.8	10161.8	13489.6	12636.0	12314.0
60°	7829.5	10854.4	18034.6	21476.7	18431.1	10570.4	9062.3	12049.1	10662.2	10324.5
62.5°	5843.6	9632.0	16826.1	19972.1	16995.8	9129.9	6814.9	8648.5	7661.6	7092.0
65°	3738.2	7535.2	14145.8	16180.3	14009.0	6982.9	4058.5	4636.8	3632.5	3469.8
67.5°	1591.2	5319.0	10996.3	10814.5	10480.4	4524.2	1566.9	1305.5	973.1	955.8
70°	526.4	3618.7	6778.6	7213.2	6259.1	3116.6	517.7	438.1	436.3	420.7
72.5°	344.6	1942.7	3816.1	4248.9	4027.3	1793.8	313.4	292.6	299.5	292.6
75°	206.0	422.5	642.4	834.6	642.4	301.3	188.7	185.3	188.7	180.1
77.5°	121.2	117.7	114.3	114.3	112.5	103.9	95.2	91.8	93.5	95.2
80°	77.9	74.5	71.0	69.3	60.6	57.1	53.7	50.2	50.2	51.9
82.5°	50.2	46.7	43.3	38.1	31.2	26.0	24.2	20.8	20.8	22.5
85°	26.0	20.8	15.6	12.1	6.9	3.5	0.0	0.0	0.0	0.0
87.5°	5.2	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)