

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: P636286

Luminaire Tested: GWS-SA3F-740-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P636286
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-41)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3F-740-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23150.9 lumens
Efficiency: N/A
Efficacy: 126.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

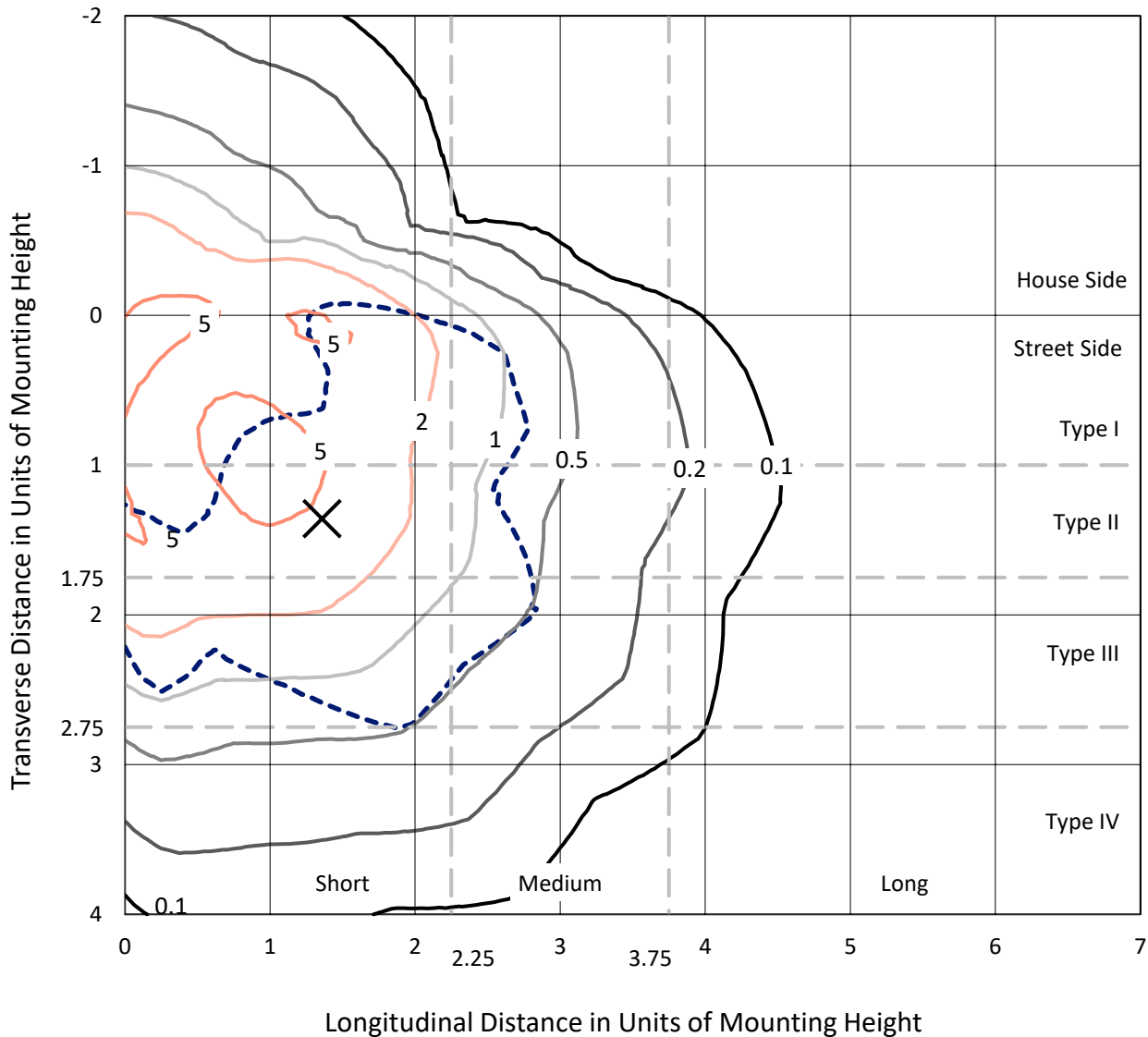
Input Watts (W): 183.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P636286
 CATALOG NUMBER: GWS-SA3F-740-U-SLR-W

Iso-Footcandle Lines of Horizontal Illumination

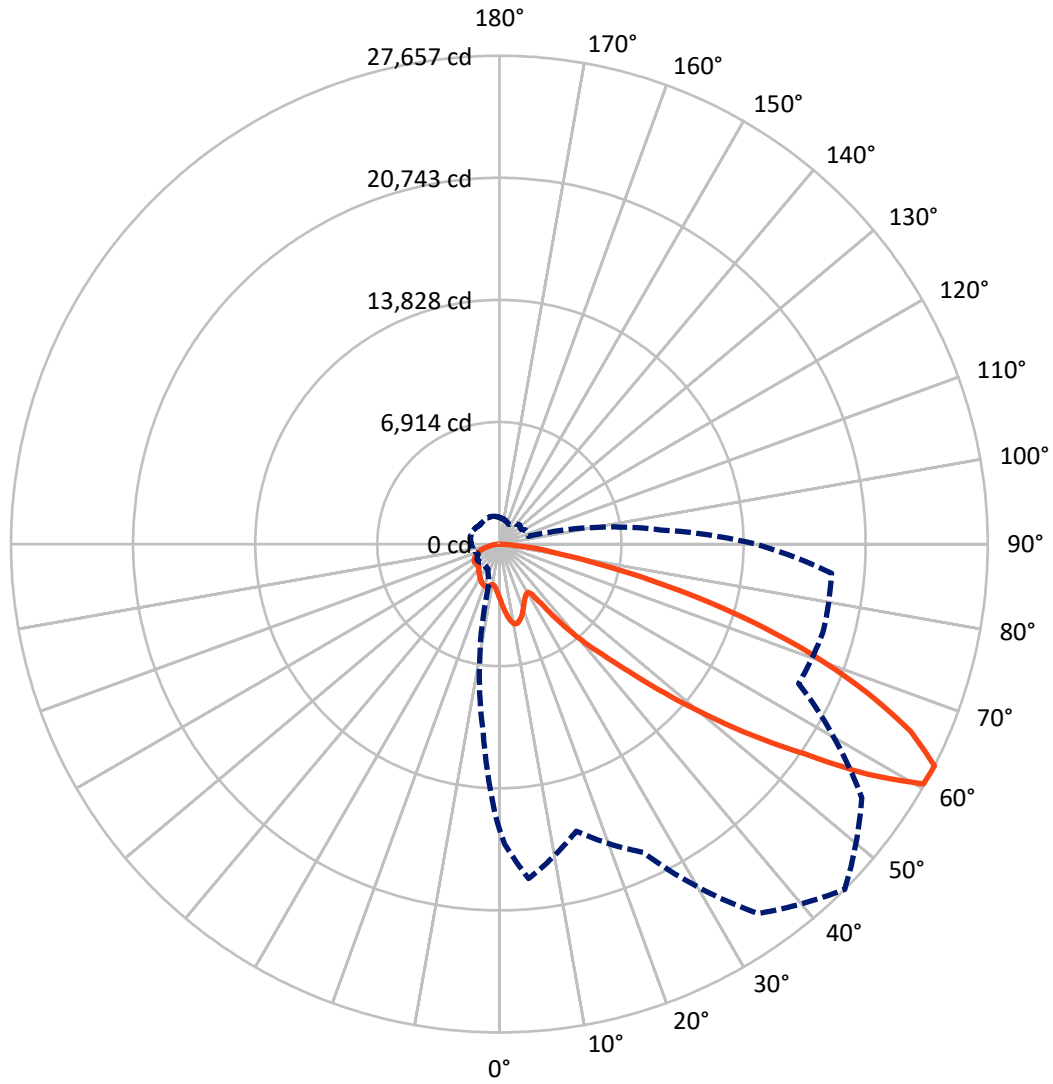
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7 fc
 Type III - Short - N/A

REPORT NUMBER: P636286
CATALOG NUMBER: GWS-SA3F-740-U-SLR-W

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P636286

CATALOG NUMBER: GWS-SA3F-740-U-SLR-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5524.2	0.0	5524.2
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	17626.7	0.0	17626.7
	% Fixture	76.1	0.0	76.1
Total	Lumens	23150.9	0.0	23150.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.1	1.3
10°-20°	940.7	4.1
20°-30°	1461.1	6.3
30°-40°	1983.8	8.6
40°-50°	3144.2	13.6
50°-60°	5546.3	24.0
60°-70°	6171.1	26.7
70°-80°	3129.7	13.5
80°-90°	473.9	2.0
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°	23150.9	100.0
0°-180°	23150.9	100.0

Coefficient of Utilization



REPORT NUMBER: P636286

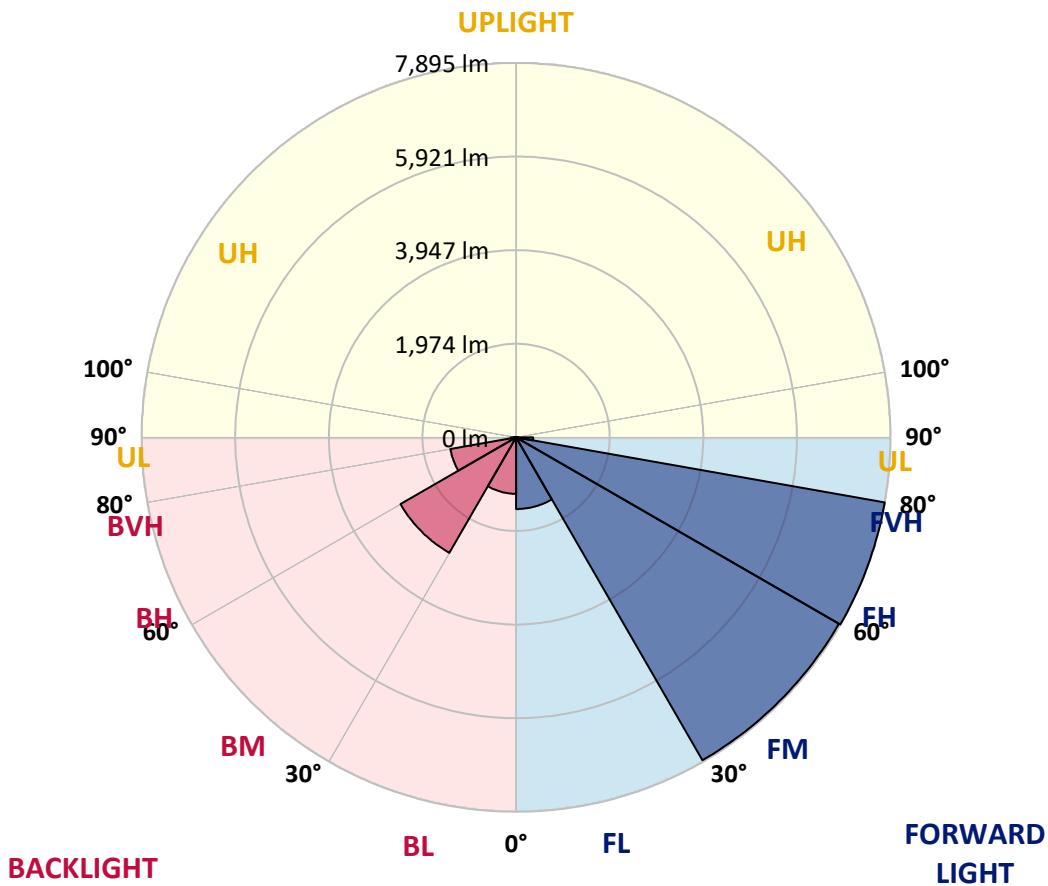
CATALOG NUMBER: GWS-SA3F-740-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1511.6	6.5			
FM (30°-60°)	7860.7	34.0			
FH (60°-80°)	7894.7	34.1			G4/12000
FVH (80°-90°)	359.7	1.6			G3/500
BL (0°-30°)	1190.3	5.1	B3/2500		
BM (30°-60°)	2813.5	12.2	B3/5000		
BH (60°-80°)	1406.2	6.1	B3/2500		G3/2500
BVH (80°-90°)	114.2	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Short





REPORT NUMBER: P636286

CATALOG NUMBER: GWS-SA3F-740-U-SLR-W

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6
2.5°	3302.2	3300.5	3333.8	3384.6	3431.9	3452.9	3488.0	3484.5	3456.5	3419.6	3407.4
5°	3561.6	3568.6	3626.5	3738.6	3863.1	3915.7	3938.5	3929.7	3878.9	3814.0	3700.1
7.5°	3796.5	3808.8	3898.1	4066.4	4220.7	4290.8	4346.9	4336.3	4262.7	4141.8	3973.5
10°	3968.3	3982.3	4089.2	4287.3	4459.0	4520.4	4592.2	4595.8	4530.9	4367.9	4196.1
12.5°	4140.0	4154.1	4254.0	4434.5	4546.7	4548.4	4590.5	4613.3	4616.8	4541.4	4369.6
15°	4318.8	4331.1	4422.2	4523.9	4518.6	4420.5	4420.5	4464.3	4560.7	4615.0	4495.8
17.5°	4471.3	4487.1	4557.2	4523.9	4367.9	4190.9	4169.8	4225.9	4394.2	4602.8	4590.5
20°	4597.5	4609.8	4648.3	4427.5	4143.5	3912.2	3871.9	3936.7	4164.6	4527.4	4662.4
22.5°	4718.4	4725.5	4704.4	4301.3	3901.7	3637.0	3587.9	3656.3	3901.7	4394.2	4723.7
25°	4862.2	4855.2	4755.3	4169.8	3680.8	3419.6	3368.8	3445.9	3701.8	4217.2	4790.3
27.5°	5028.7	5002.4	4799.1	4027.9	3510.8	3258.4	3223.3	3305.7	3544.1	4054.1	4842.9
30°	5170.7	5119.8	4806.1	3901.7	3423.2	3190.0	3169.0	3246.1	3467.0	3943.7	4909.5
32.5°	5328.4	5258.3	4846.4	3868.4	3472.2	3354.8	3382.8	3388.1	3488.0	3912.2	5009.4
35°	5554.5	5463.4	4956.8	3964.8	3977.0	4175.1	4276.7	4140.0	3805.3	3982.3	5198.7
37.5°	5896.3	5780.6	5181.2	4381.9	5019.9	5463.4	5708.8	5396.8	4769.3	4246.9	5484.4
40°	6311.7	6164.5	5468.6	5153.1	5994.5	6704.3	7140.8	6683.3	5761.3	4907.7	5885.8
42.5°	6891.9	6737.6	6026.0	5910.3	6897.1	7954.0	8523.7	7841.9	6636.0	5761.3	6529.0
45°	7903.2	7754.2	7047.9	6669.3	7954.0	9493.0	10292.2	9344.0	7524.6	6618.4	7731.4
47.5°	9771.7	9596.4	8565.8	7510.6	9160.0	11491.1	12609.4	11228.2	8448.3	7600.0	9750.6
50°	12015.2	11846.9	10471.0	8506.2	10492.1	13627.7	15182.5	13442.0	9512.3	8793.6	12164.2
52.5°	14714.5	14682.9	13189.6	9764.7	11878.5	15906.3	18037.7	15894.1	10677.8	10400.9	14898.5
55°	17147.3	17455.8	16642.5	11683.9	13669.8	18768.6	20973.6	18568.8	12258.8	13058.1	18100.8
57.5°	18458.4	19287.4	20537.1	15599.6	16274.4	22190.0	24596.6	21834.2	14975.6	17482.1	21070.0
60°	17592.5	18532.0	20796.6	18547.8	18858.0	24931.3	27586.8	24579.0	17643.3	20552.9	20901.7
62.5°	16151.7	16994.8	19008.7	16826.5	19257.6	25534.3	27656.9	25057.5	18703.8	18994.7	18880.8
65°	14442.8	15292.9	17426.0	14688.2	17986.9	24102.3	25616.7	23650.1	16798.5	17161.3	17203.4
67.5°	12173.0	12958.2	15129.9	13059.9	16395.4	22000.7	22484.5	21644.9	15469.9	16048.3	15443.6
70°	9095.1	9803.2	11720.7	10613.0	13820.6	19262.9	18872.0	18996.5	13978.3	14553.2	12900.4
72.5°	6215.3	6748.1	8392.2	8339.7	10583.2	15420.8	14875.7	16055.3	11675.2	12437.6	9834.8
75°	4346.9	4762.3	6066.3	6588.6	7999.6	11429.8	10593.7	12017.0	9117.9	10206.4	7175.8
77.5°	2667.7	2942.9	3831.5	4881.5	5146.1	7822.6	6579.9	9042.5	6402.9	7444.0	4786.8
80°	1333.9	1467.1	1861.4	3069.1	3412.6	4609.8	3633.5	5249.5	4332.8	4609.8	2648.4
82.5°	403.1	445.2	545.1	1165.6	1768.5	2653.7	2147.1	3049.8	2366.2	2161.2	1042.9
85°	106.9	120.9	150.7	345.3	620.5	951.8	725.6	1477.6	1134.0	797.5	392.6
87.5°	8.8	8.8	7.0	7.0	3.5	0.0	0.0	105.2	212.1	120.9	68.4
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: P636286
 CATALOG NUMBER: GWS-SA3F-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6
2.5°	3346.0	3339.0	3267.2	3214.6	3153.2	3093.6	3032.3	2977.9	2916.6	2855.3	2837.7
5°	3616.0	3566.9	3414.4	3286.4	3160.2	3049.8	2953.4	2853.5	2772.9	2694.0	2664.2
7.5°	3854.3	3768.4	3547.6	3353.0	3177.8	3041.0	2899.1	2753.6	2639.7	2527.5	2499.4
10°	4069.9	3956.0	3677.3	3431.9	3237.4	3081.4	2914.8	2720.3	2555.5	2418.8	2382.0
12.5°	4229.4	4105.0	3789.5	3507.3	3286.4	3111.2	2946.4	2774.6	2601.1	2424.1	2383.8
15°	4355.6	4225.9	3882.4	3565.1	3288.2	3062.1	2902.6	2843.0	2788.6	2615.1	2541.5
17.5°	4457.3	4320.6	3963.0	3600.2	3240.9	2913.1	2774.6	2862.3	3000.7	2892.1	2753.6
20°	4550.2	4411.7	4024.3	3624.7	3135.7	2708.0	2630.9	2816.7	3025.3	3021.8	2897.3
22.5°	4651.8	4516.9	4113.7	3638.7	2988.5	2499.4	2545.0	2750.1	2920.1	2970.9	2893.8
25°	4781.5	4662.4	4238.2	3670.3	2822.0	2355.7	2481.9	2664.2	2806.2	2818.4	2772.9
27.5°	4932.3	4842.9	4424.0	3743.9	2660.7	2282.1	2408.3	2543.3	2673.0	2678.2	2623.9
30°	5097.0	5037.4	4595.8	3805.3	2539.8	2259.3	2313.6	2422.3	2504.7	2518.7	2471.4
32.5°	5307.4	5254.8	4748.2	3764.9	2467.9	2254.1	2226.0	2282.1	2350.5	2350.5	2313.6
35°	5596.6	5523.0	4909.5	3610.7	2380.3	2233.0	2133.1	2148.9	2178.7	2183.9	2162.9
37.5°	6006.7	5885.8	5072.5	3305.7	2236.5	2157.7	2026.2	2006.9	2017.4	2031.5	2026.2
40°	6515.0	6317.0	5310.9	2939.4	2064.8	2012.2	1915.8	1879.0	1870.2	1898.2	1908.8
42.5°	7154.8	6851.6	5566.8	2597.6	1908.8	1845.7	1786.1	1754.5	1740.5	1787.8	1815.9
45°	8176.6	7677.1	5812.2	2259.3	1821.1	1703.7	1663.4	1640.6	1647.6	1703.7	1738.7
47.5°	9941.7	8937.3	6045.3	2045.5	1814.1	1602.0	1552.9	1558.2	1577.5	1637.1	1679.1
50°	12174.7	10625.3	6201.3	1956.1	1835.1	1540.7	1475.8	1503.9	1533.7	1591.5	1640.6
52.5°	14448.0	12197.5	6015.5	1907.0	1833.4	1542.4	1404.0	1488.1	1502.1	1560.0	1612.5
55°	16011.5	12372.8	5196.9	1831.6	1805.3	1612.5	1347.9	1481.1	1489.9	1542.4	1589.8
57.5°	16607.4	11773.3	3963.0	1852.7	1721.2	1666.9	1323.3	1432.0	1495.1	1540.7	1589.8
60°	15887.1	10642.8	2408.3	1907.0	1586.3	1663.4	1339.1	1342.6	1451.3	1528.4	1577.5
62.5°	14528.7	9191.5	1691.4	1752.8	1488.1	1570.5	1375.9	1237.5	1374.2	1467.1	1510.9
65°	12972.2	7484.3	1290.0	1509.1	1440.8	1426.8	1388.2	1144.6	1269.0	1360.1	1398.7
67.5°	11350.9	5817.4	1048.2	1125.3	1302.3	1290.0	1269.0	1062.2	1144.6	1209.4	1253.2
70°	9308.9	4069.9	885.1	844.8	1116.5	1156.8	1109.5	958.8	985.1	1051.7	1086.7
72.5°	6809.5	2536.3	727.4	697.6	897.4	1011.3	986.8	844.8	857.1	920.2	948.2
75°	4897.2	1451.3	583.7	574.9	685.3	865.9	816.8	727.4	741.4	788.7	808.0
77.5°	3112.9	808.0	450.5	462.7	490.8	646.8	697.6	622.2	622.2	650.3	666.1
80°	1666.9	462.7	329.5	334.8	343.5	494.3	550.4	482.0	482.0	462.7	482.0
82.5°	680.1	266.4	226.1	210.3	229.6	338.3	385.6	306.7	320.8	289.2	296.2
85°	224.4	133.2	112.2	110.4	108.7	149.0	185.8	152.5	182.3	115.7	120.9
87.5°	29.8	24.5	14.0	10.5	12.3	5.3	10.5	12.3	12.3	8.8	8.8
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: P636286
 CATALOG NUMBER: GWS-SA3F-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6
2.5°	2825.5	2811.4	2760.6	2772.9	2764.1	2750.1	2764.1	2737.8	2758.9	2765.9	2809.7
5°	2641.4	2608.1	2559.0	2534.5	2529.2	2515.2	2517.0	2504.7	2508.2	2538.0	2587.1
7.5°	2476.7	2445.1	2406.5	2389.0	2373.2	2357.5	2355.7	2354.0	2368.0	2394.3	2441.6
10°	2357.5	2339.9	2324.2	2331.2	2324.2	2317.2	2304.9	2304.9	2327.7	2375.0	2432.8
12.5°	2357.5	2354.0	2357.5	2378.5	2376.7	2378.5	2362.7	2371.5	2434.6	2515.2	2597.6
15°	2483.7	2455.6	2455.6	2466.1	2462.6	2462.6	2462.6	2499.4	2643.2	2767.6	2855.3
17.5°	2637.9	2555.5	2520.5	2515.2	2513.5	2513.5	2520.5	2599.4	2823.7	2955.2	3006.0
20°	2744.8	2588.8	2531.0	2508.2	2510.0	2513.5	2534.5	2643.2	2890.3	2956.9	2944.6
22.5°	2764.1	2562.5	2492.4	2459.1	2464.4	2467.9	2499.4	2615.1	2799.2	2809.7	2785.1
25°	2674.7	2488.9	2413.6	2387.3	2394.3	2392.5	2420.6	2504.7	2636.2	2632.7	2618.6
27.5°	2541.5	2371.5	2315.4	2297.9	2310.1	2296.1	2304.9	2369.7	2471.4	2467.9	2462.6
30°	2404.8	2257.6	2206.7	2198.0	2213.7	2192.7	2194.5	2248.8	2318.9	2315.4	2313.6
32.5°	2268.1	2143.6	2098.1	2098.1	2113.8	2091.0	2094.6	2141.9	2189.2	2175.2	2175.2
35°	2138.4	2050.7	2013.9	2006.9	2019.2	2003.4	2010.4	2054.2	2071.8	2052.5	2040.2
37.5°	2024.4	1985.9	1949.1	1924.5	1926.3	1928.0	1949.1	1982.4	1971.9	1943.8	1928.0
40°	1919.3	1919.3	1884.2	1838.7	1833.4	1845.7	1880.7	1917.5	1887.7	1856.2	1836.9
42.5°	1843.9	1859.7	1826.4	1780.8	1770.3	1791.3	1829.9	1856.2	1821.1	1786.1	1759.8
45°	1773.8	1812.4	1789.6	1738.7	1724.7	1749.3	1798.3	1808.9	1761.5	1728.2	1708.9
47.5°	1724.7	1777.3	1761.5	1712.5	1691.4	1726.5	1777.3	1775.6	1716.0	1680.9	1665.1
50°	1689.7	1756.3	1754.5	1712.5	1689.7	1733.5	1779.1	1756.3	1691.4	1654.6	1638.8
52.5°	1661.6	1754.5	1766.8	1742.2	1726.5	1765.0	1793.1	1749.3	1673.9	1635.3	1623.1
55°	1649.4	1761.5	1770.3	1747.5	1733.5	1768.5	1793.1	1763.3	1673.9	1638.8	1628.3
57.5°	1652.9	1752.8	1754.5	1723.0	1698.4	1742.2	1780.8	1772.0	1693.2	1652.9	1640.6
60°	1631.8	1705.4	1708.9	1659.9	1631.8	1684.4	1752.8	1747.5	1684.4	1642.3	1619.6
62.5°	1561.7	1626.6	1628.3	1582.7	1542.4	1617.8	1693.2	1691.4	1633.6	1591.5	1565.2
65°	1444.3	1512.6	1530.2	1486.3	1454.8	1535.4	1614.3	1610.8	1552.9	1514.4	1488.1
67.5°	1298.8	1372.4	1405.7	1375.9	1363.7	1437.3	1510.9	1509.1	1461.8	1425.0	1402.2
70°	1121.8	1183.1	1239.2	1239.2	1230.4	1314.6	1393.4	1386.4	1342.6	1314.6	1297.0
72.5°	974.5	1021.9	1039.4	1056.9	1083.2	1170.8	1237.5	1242.7	1211.2	1197.1	1211.2
75°	829.1	858.9	874.6	860.6	906.2	997.3	1085.0	1093.7	1060.4	1037.6	1042.9
77.5°	681.8	715.1	730.9	699.4	695.8	811.5	918.4	937.7	909.7	874.6	885.1
80°	492.5	536.3	562.6	541.6	534.6	585.4	732.7	753.7	727.4	699.4	715.1
82.5°	301.5	326.0	333.0	354.1	397.9	418.9	471.5	541.6	522.3	497.8	541.6
85°	119.2	142.0	157.7	178.8	208.6	247.1	291.0	347.0	315.5	305.0	359.3
87.5°	7.0	1.8	0.0	3.5	29.8	57.8	124.4	171.8	143.7	154.2	185.8
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: P636286
 CATALOG NUMBER: GWS-SA3F-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6	3072.6
2.5°	2844.7	2890.3	2951.7	3002.5	3067.3	3128.7	3191.8	3254.9	3288.2	3302.2
5°	2643.2	2727.3	2825.5	2934.1	3060.3	3193.5	3328.5	3467.0	3554.6	3561.6
7.5°	2522.2	2643.2	2778.1	2914.8	3070.8	3254.9	3468.7	3682.6	3772.0	3796.5
10°	2560.8	2695.8	2802.7	2930.6	3102.4	3332.0	3584.4	3835.1	3938.5	3968.3
12.5°	2715.0	2741.3	2774.6	2892.1	3102.4	3398.6	3703.6	4001.6	4112.0	4140.0
15°	2843.0	2716.8	2657.2	2781.6	3060.3	3456.5	3829.8	4159.3	4292.5	4318.8
17.5°	2853.5	2636.2	2506.5	2618.6	2986.7	3496.8	3950.7	4334.6	4446.8	4471.3
20°	2746.6	2550.3	2382.0	2450.4	2886.8	3514.3	4038.4	4462.5	4573.0	4597.5
22.5°	2625.6	2480.2	2297.9	2294.4	2765.9	3533.6	4143.5	4583.5	4702.7	4718.4
25°	2511.7	2383.8	2229.5	2180.4	2625.6	3570.4	4285.5	4765.8	4856.9	4862.2
27.5°	2378.5	2280.3	2175.2	2127.9	2502.9	3640.5	4495.8	4983.1	5037.4	5028.7
30°	2257.6	2183.9	2136.6	2122.6	2425.8	3693.1	4695.7	5196.9	5200.5	5170.7
32.5°	2129.6	2101.6	2101.6	2147.1	2362.7	3680.8	4858.7	5405.5	5372.2	5328.4
35°	2015.7	2020.9	2057.7	2164.7	2257.6	3558.1	5014.7	5666.7	5617.6	5554.5
37.5°	1907.0	1947.3	1999.9	2103.3	2119.1	3375.8	5196.9	6036.5	5975.2	5896.3
40°	1814.1	1875.5	1936.8	1987.6	1971.9	3116.4	5451.1	6471.2	6402.9	6311.7
42.5°	1740.5	1800.1	1868.4	1873.7	1879.0	2846.5	5721.0	7004.0	6991.8	6891.9
45°	1693.2	1731.7	1796.6	1787.8	1873.7	2548.5	5969.9	7817.3	7978.6	7903.2
47.5°	1661.6	1691.4	1698.4	1735.2	1919.3	2282.1	6290.7	9408.8	9857.6	9771.7
50°	1644.1	1673.9	1595.0	1738.7	1926.3	2110.3	6734.1	11407.0	12129.1	12015.2
52.5°	1642.3	1635.3	1516.1	1775.6	1887.7	2005.2	6965.5	12865.3	14467.3	14714.5
55°	1645.8	1558.2	1475.8	1786.1	1810.6	1966.6	6190.8	13566.4	16625.0	17147.3
57.5°	1614.3	1474.1	1498.6	1744.0	1665.1	2070.0	4576.5	13315.8	17487.3	18458.4
60°	1554.7	1393.4	1540.7	1630.1	1516.1	1893.0	3151.5	12197.5	16593.4	17592.5
62.5°	1468.8	1337.4	1535.4	1482.8	1461.8	1549.4	2166.4	10632.3	15175.4	16151.7
65°	1372.4	1291.8	1453.0	1340.9	1353.1	1191.9	1531.9	8865.5	13482.3	14442.8
67.5°	1269.0	1263.7	1332.1	1193.6	1142.8	944.7	1116.5	7105.7	11307.1	12173.0
70°	1151.6	1190.1	1211.2	1060.4	927.2	741.4	829.1	4969.1	8341.4	9095.1
72.5°	1034.1	1037.6	1067.4	922.0	694.1	594.2	622.2	3009.5	5666.7	6215.3
75°	914.9	881.6	909.7	750.2	517.1	487.3	480.3	1859.7	3913.9	4346.9
77.5°	787.0	750.2	713.4	564.4	415.4	376.8	368.1	1042.9	2401.3	2667.7
80°	639.8	590.7	532.8	413.7	303.2	269.9	268.2	508.3	1197.1	1333.9
82.5°	497.8	404.9	389.1	257.7	187.5	164.8	175.3	194.6	361.1	403.1
85°	348.8	294.5	206.8	103.4	84.1	68.4	66.6	57.8	96.4	106.9
87.5°	194.6	128.0	66.6	12.3	14.0	15.8	12.3	8.8	8.8	8.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)