

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: P642168

Luminaire Tested: GWS-SA6C-735-U-SLR-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P642168
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-42)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA6C-735-U-SLR-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14940.8 lumens
Efficiency: N/A
Efficacy: 79.0 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

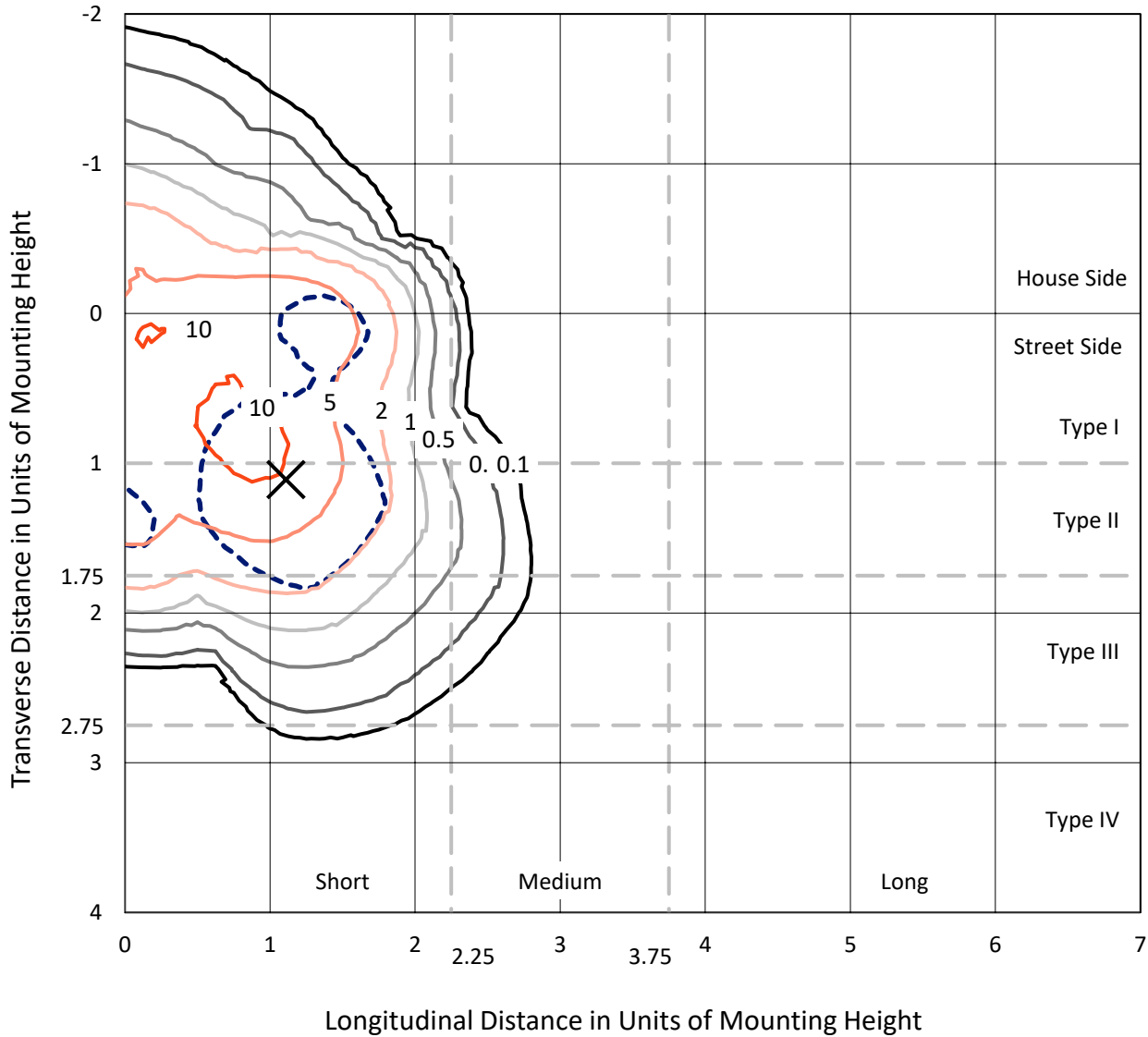
Input Watts (W): 189.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P642168
 CATALOG NUMBER: GWS-SA6C-735-U-SLR-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

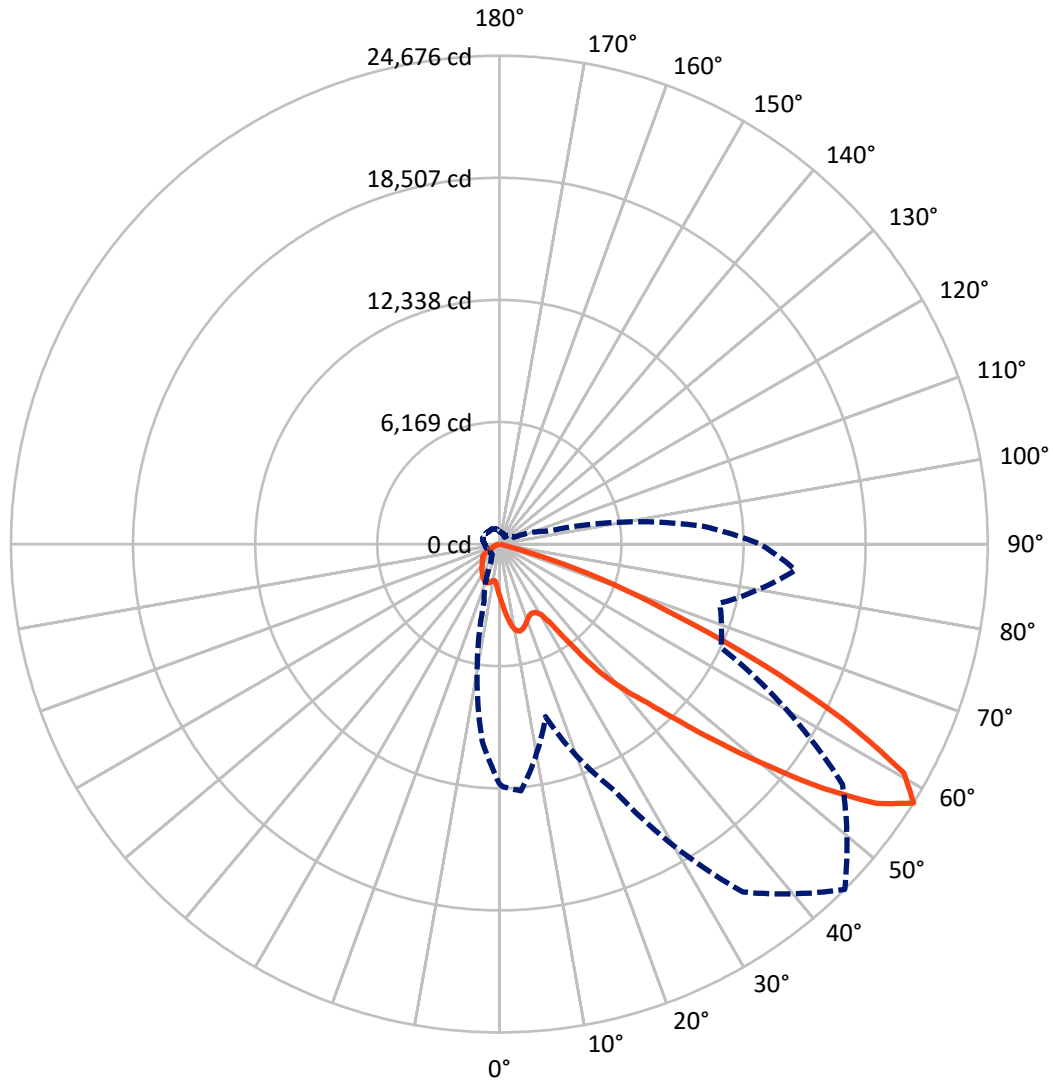
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 11.7 fc
 Type III - Short - N/A

REPORT NUMBER: P642168
CATALOG NUMBER: GWS-SA6C-735-U-SLR-W-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P642168
 CATALOG NUMBER: GWS-SA6C-735-U-SLR-W-GRSBK

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3345.6	0.0	3345.6
	% Fixture	22.4	0.0	22.4
Street Side	Lumens	11595.2	0.0	11595.2
	% Fixture	77.6	0.0	77.6
Total	Lumens	14940.8	0.0	14940.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	258.3	1.7
10°-20°	835.7	5.6
20°-30°	1357.6	9.1
30°-40°	2097.6	14.0
40°-50°	3363.6	22.5
50°-60°	4597.1	30.8
60°-70°	2226.5	14.9
70°-80°	203.9	1.4
80°-90°	0.6	0.0
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°	14940.8	100.0
0°-180°	14940.8	100.0

Coefficient of Utilization



REPORT NUMBER: P642168

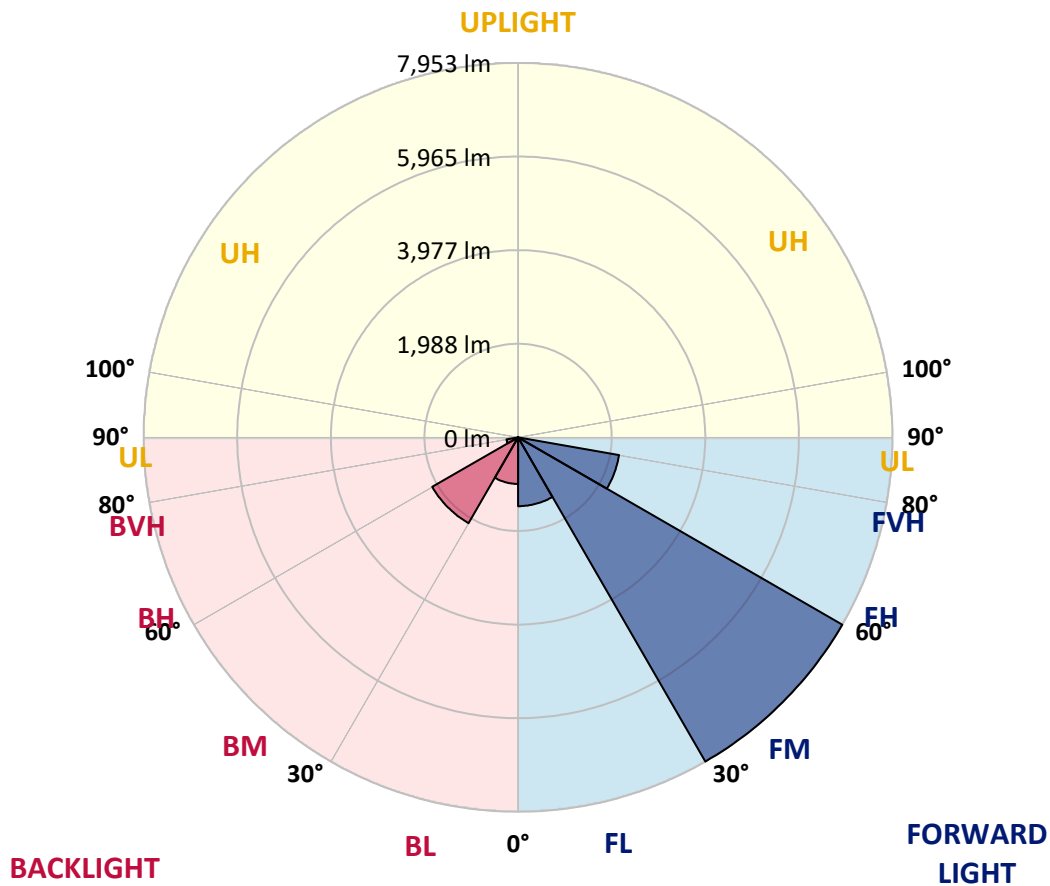
CATALOG NUMBER: GWS-SA6C-735-U-SLR-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1461.7	9.8			
FM (30°-60°)	7953.3	53.2			
FH (60°-80°)	2179.6	14.6			G2/5000
FVH (80°-90°)	0.6	0.0			G0/10
BL (0°-30°)	989.9	6.6	B2/1000		
BM (30°-60°)	2104.9	14.1	B2/2500		
BH (60°-80°)	250.8	1.7	B1/500		G1/500
BVH (80°-90°)	0.0	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type III Short





REPORT NUMBER: P642168

CATALOG NUMBER: GWS-SA6C-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0
2.5°	2844.8	2862.9	2893.0	2957.3	3011.5	3047.6	3063.7	3059.7	3037.6	3021.5	2989.4
5°	3150.0	3150.0	3208.2	3354.8	3467.2	3537.5	3573.6	3551.5	3507.4	3437.1	3328.7
7.5°	3417.0	3427.1	3525.4	3734.2	3904.9	4005.3	4063.5	4051.4	3973.1	3838.6	3621.8
10°	3625.8	3637.9	3768.4	4023.3	4224.1	4326.5	4412.8	4420.8	4334.5	4155.8	3906.9
12.5°	3828.6	3840.6	3977.2	4222.1	4398.8	4440.9	4517.2	4547.3	4525.2	4398.8	4139.8
15°	4047.4	4075.5	4192.0	4374.7	4449.0	4398.8	4449.0	4503.2	4577.4	4565.4	4332.5
17.5°	4262.2	4282.3	4400.8	4465.0	4382.7	4252.2	4276.3	4340.5	4509.2	4673.8	4523.2
20°	4461.0	4489.1	4587.5	4503.2	4254.2	4051.4	4053.4	4137.8	4394.7	4740.1	4718.0
22.5°	4669.8	4712.0	4782.2	4545.3	4135.8	3892.8	3902.9	3979.2	4304.4	4802.3	4938.8
25°	4942.8	4983.0	5029.2	4649.7	4097.6	3814.5	3852.7	3922.9	4304.4	4908.7	5211.9
27.5°	5312.2	5340.3	5342.4	4844.5	4163.9	3826.6	3906.9	3987.2	4432.9	5121.5	5577.3
30°	5776.0	5820.2	5762.0	5147.6	4370.7	3987.2	4105.6	4206.0	4709.9	5480.9	6115.3
32.5°	6340.2	6402.4	6324.1	5597.3	4802.3	4541.3	4756.1	4814.3	5151.6	6000.9	6725.6
35°	7002.7	7054.9	6970.6	6219.7	5810.1	5858.3	6247.8	6173.5	6039.0	6641.3	7438.3
37.5°	7729.5	7777.6	7615.0	7163.3	7299.8	7508.6	8131.0	7876.0	7442.4	7466.4	8211.3
40°	8396.0	8448.2	8193.2	8189.2	8470.3	8851.7	9602.6	9251.3	8661.0	8546.6	8936.0
42.5°	9086.6	9122.8	8891.9	8735.3	9373.7	10158.7	10953.7	10479.9	9468.1	9343.6	9843.5
45°	10072.4	10148.7	9737.1	9004.3	10186.8	11662.4	12770.7	11845.1	10018.2	9917.8	11232.8
47.5°	11521.9	11578.1	10738.9	9173.0	10943.7	13535.6	15041.3	13615.9	10502.0	10273.1	13132.0
50°	12720.5	12758.6	11660.4	9357.7	11748.8	15555.3	17629.2	15715.9	11046.1	10861.4	14904.8
52.5°	13603.8	13748.4	12871.0	9737.1	12806.8	17930.3	20494.1	18203.4	11895.3	11997.7	16374.4
55°	13786.5	13983.3	13698.2	9970.0	13738.3	20349.5	23140.2	20429.8	12742.6	12859.0	16868.3
57.5°	12116.2	12272.8	12509.7	9030.4	13716.3	21457.8	24676.0	21168.7	12357.1	11531.9	15019.2
60°	9076.6	9185.0	9614.6	6902.3	12614.1	20478.0	23479.5	19911.9	10805.2	8799.5	11443.6
62.5°	5382.5	5430.7	5974.8	4471.0	10469.9	17635.2	19472.2	17181.5	8538.5	5918.6	7008.7
65°	2065.9	2045.8	2461.4	2206.4	7699.3	14047.5	14483.2	13097.9	5858.3	2712.3	2672.2
67.5°	319.2	305.2	411.6	652.5	5553.2	9735.1	9556.4	9440.0	3670.0	632.4	552.1
70°	72.3	72.3	88.3	192.7	3392.9	5719.8	6121.3	5836.2	2349.0	134.5	72.3
72.5°	34.1	34.1	42.2	82.3	1228.7	2357.0	2746.5	2704.3	762.9	44.2	26.1
75°	12.0	14.1	14.1	18.1	74.3	122.5	281.1	200.8	48.2	0.0	0.0
77.5°	4.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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	0.0



REPORT NUMBER: P642168

CATALOG NUMBER: GWS-SA6C-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0
2.5°	2919.1	2905.1	2852.9	2782.6	2714.3	2654.1	2591.9	2517.6	2463.4	2401.1	2381.1
5°	3244.4	3156.0	3013.5	2864.9	2728.4	2612.0	2499.5	2379.1	2290.7	2202.4	2172.3
7.5°	3519.4	3388.9	3158.0	2935.2	2748.5	2583.8	2421.2	2256.6	2128.1	2023.7	1991.6
10°	3766.4	3615.8	3306.6	3031.6	2796.7	2605.9	2409.2	2202.4	2035.8	1911.3	1881.2
12.5°	3979.2	3804.5	3433.1	3103.8	2816.7	2597.9	2407.2	2242.5	2092.0	1949.4	1911.3
15°	4157.8	3965.1	3539.5	3152.0	2786.6	2497.5	2330.9	2304.8	2292.7	2136.1	2061.9
17.5°	4332.5	4115.7	3625.8	3174.1	2702.3	2320.8	2200.4	2318.8	2445.3	2342.9	2248.6
20°	4515.2	4268.3	3714.2	3178.1	2561.8	2122.1	2102.0	2288.7	2449.3	2417.2	2328.9
22.5°	4730.0	4459.0	3824.6	3176.1	2385.1	1953.4	2029.7	2230.5	2361.0	2359.0	2288.7
25°	5041.2	4699.9	3973.1	3188.1	2192.4	1822.9	1949.4	2132.1	2238.5	2234.5	2176.3
27.5°	5374.5	4987.0	4165.9	3218.3	2027.7	1746.7	1855.1	1997.6	2090.0	2085.9	2035.8
30°	5842.3	5318.3	4350.6	3220.3	1909.3	1706.5	1750.7	1849.0	1937.4	1927.3	1889.2
32.5°	6410.4	5691.7	4505.2	3105.8	1835.0	1668.4	1642.3	1692.4	1760.7	1746.7	1736.6
35°	7097.0	6135.4	4637.7	2854.9	1720.6	1592.1	1521.8	1531.8	1580.0	1588.1	1584.0
37.5°	7880.0	6663.4	4802.3	2523.6	1566.0	1481.6	1387.3	1379.3	1407.4	1433.5	1453.5
40°	8653.0	7257.7	5025.1	2188.3	1425.4	1341.1	1250.8	1230.7	1242.7	1288.9	1331.1
42.5°	9522.3	7946.3	5266.1	1901.2	1329.1	1186.5	1100.2	1062.0	1096.2	1170.5	1220.7
45°	10775.1	8912.0	5501.0	1672.4	1288.9	1050.0	933.6	929.5	967.7	1064.1	1120.3
47.5°	12533.8	10160.7	5655.5	1493.7	1286.9	943.6	805.1	829.2	873.3	967.7	1031.9
50°	14248.3	11724.7	5484.9	1357.2	1244.7	873.3	708.7	756.9	801.1	883.4	949.6
52.5°	15282.2	12565.9	4820.4	1228.7	1114.2	841.2	614.3	698.7	706.7	781.0	851.2
55°	15173.8	12021.8	3692.1	1029.9	921.5	795.0	516.0	630.4	634.4	690.6	750.9
57.5°	13170.2	10321.3	2535.7	835.2	692.6	656.5	425.6	532.0	570.2	604.3	648.5
60°	9815.4	7530.7	1130.3	678.6	439.7	443.7	363.4	401.5	459.8	499.9	538.1
62.5°	5784.0	4332.5	459.8	407.6	242.9	279.1	293.1	293.1	329.3	359.4	383.5
65°	2186.3	1515.8	186.7	204.8	126.5	130.5	172.7	212.8	240.9	267.0	299.1
67.5°	383.5	265.0	96.4	76.3	74.3	66.3	88.3	138.5	154.6	174.7	188.7
70°	64.2	54.2	40.2	38.1	34.1	36.1	58.2	98.4	108.4	114.4	120.5
72.5°	18.1	16.1	12.0	10.0	8.0	10.0	36.1	76.3	80.3	84.3	90.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	14.1	54.2	58.2	60.2	66.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	16.1	20.1	16.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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	0.0



REPORT NUMBER: P642168

CATALOG NUMBER: GWS-SA6C-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0
2.5°	2369.0	2328.9	2306.8	2294.7	2294.7	2278.7	2260.6	2254.6	2280.7	2280.7	2324.9
5°	2134.1	2102.0	2065.9	2043.8	2009.7	2015.7	1995.6	1993.6	2019.7	2031.7	2077.9
7.5°	1971.5	1931.4	1909.3	1895.2	1877.2	1869.1	1851.1	1845.0	1859.1	1879.2	1923.3
10°	1863.1	1857.1	1855.1	1865.1	1865.1	1855.1	1839.0	1829.0	1833.0	1871.1	1921.3
12.5°	1891.2	1903.3	1907.3	1923.3	1931.4	1923.3	1911.3	1915.3	1941.4	2011.7	2085.9
15°	2013.7	2003.6	1999.6	2007.6	2013.7	2005.6	2001.6	2031.7	2122.1	2222.5	2306.8
17.5°	2144.2	2079.9	2051.8	2051.8	2055.8	2051.8	2055.8	2114.1	2260.6	2361.0	2423.2
20°	2210.4	2092.0	2047.8	2037.8	2045.8	2047.8	2061.9	2128.1	2288.7	2359.0	2373.0
22.5°	2190.3	2041.8	1991.6	1983.6	1991.6	1999.6	2013.7	2069.9	2220.5	2256.6	2250.6
25°	2090.0	1943.4	1903.3	1903.3	1921.3	1919.3	1925.3	1965.5	2090.0	2112.0	2102.0
27.5°	1963.5	1825.0	1790.8	1810.9	1827.0	1822.9	1825.0	1859.1	1951.4	1957.5	1947.4
30°	1835.0	1714.5	1682.4	1706.5	1728.6	1724.6	1726.6	1760.7	1818.9	1812.9	1798.9
32.5°	1704.5	1616.2	1592.1	1606.1	1640.2	1636.2	1644.3	1680.4	1702.5	1676.4	1660.3
35°	1584.0	1537.9	1519.8	1527.8	1553.9	1559.9	1574.0	1598.1	1598.1	1566.0	1537.9
37.5°	1471.6	1465.6	1453.5	1443.5	1467.6	1485.7	1505.7	1533.8	1493.7	1447.5	1421.4
40°	1367.2	1393.3	1377.2	1351.1	1365.2	1391.3	1431.5	1453.5	1405.4	1359.2	1315.0
42.5°	1270.8	1315.0	1309.0	1276.9	1288.9	1313.0	1359.2	1377.2	1321.0	1268.8	1226.7
45°	1178.5	1240.7	1244.7	1204.6	1216.6	1240.7	1294.9	1301.0	1228.7	1172.5	1142.4
47.5°	1098.2	1166.4	1168.5	1138.3	1142.4	1176.5	1226.7	1228.7	1146.4	1094.2	1056.0
50°	1021.9	1100.2	1106.2	1080.1	1084.1	1124.3	1166.4	1158.4	1070.1	1015.9	981.7
52.5°	929.5	1035.9	1050.0	1038.0	1054.0	1086.1	1112.2	1084.1	981.7	927.5	897.4
55°	829.2	967.7	997.8	989.8	1007.8	1033.9	1040.0	1021.9	893.4	839.2	811.1
57.5°	712.7	797.0	849.2	833.2	847.2	873.3	891.4	877.3	781.0	738.8	714.7
60°	590.2	646.5	658.5	632.4	620.4	666.5	708.7	690.6	608.3	582.2	554.1
62.5°	431.6	495.9	503.9	469.8	455.7	505.9	542.1	524.0	433.7	405.5	383.5
65°	345.3	405.5	421.6	389.5	381.5	419.6	441.7	397.5	333.3	303.2	279.1
67.5°	226.9	275.0	317.2	315.2	299.1	311.2	295.1	259.0	212.8	196.7	180.7
70°	140.5	168.6	194.7	204.8	202.8	198.8	176.7	150.6	136.5	130.5	122.5
72.5°	108.4	136.5	156.6	162.6	164.6	158.6	140.5	116.4	102.4	94.4	88.3
75°	80.3	102.4	118.5	126.5	130.5	126.5	108.4	92.4	78.3	72.3	66.3
77.5°	28.1	34.1	42.2	46.2	44.2	42.2	38.1	38.1	30.1	28.1	24.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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	0.0



REPORT NUMBER: P642168

CATALOG NUMBER: GWS-SA6C-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0	2626.0
2.5°	2375.0	2411.2	2477.4	2537.7	2601.9	2668.2	2740.4	2814.7	2848.9	2844.8
5°	2148.2	2226.5	2334.9	2453.3	2585.9	2728.4	2887.0	3049.6	3119.9	3150.0
7.5°	2005.6	2116.1	2258.6	2409.2	2583.8	2786.6	3025.5	3280.5	3382.9	3417.0
10°	2023.7	2152.2	2270.7	2417.2	2603.9	2866.9	3164.1	3467.2	3587.7	3625.8
12.5°	2170.3	2198.4	2230.5	2351.0	2585.9	2927.2	3290.5	3651.9	3790.4	3828.6
15°	2302.8	2172.3	2112.0	2222.5	2521.6	2969.3	3419.0	3850.7	4003.3	4047.4
17.5°	2308.8	2112.0	1977.5	2063.9	2417.2	2987.4	3545.5	4053.4	4220.1	4262.2
20°	2234.5	2045.8	1873.1	1875.1	2274.7	2983.4	3649.9	4236.1	4422.9	4461.0
22.5°	2126.1	1967.5	1788.8	1726.6	2122.1	2975.3	3764.3	4430.9	4633.7	4669.8
25°	2005.6	1867.1	1708.5	1614.2	1969.5	2983.4	3925.0	4685.9	4908.7	4942.8
27.5°	1875.1	1756.7	1646.3	1570.0	1841.0	3013.5	4117.7	5011.1	5276.1	5312.2
30°	1738.6	1650.3	1606.1	1559.9	1760.7	3021.5	4326.5	5390.5	5725.8	5776.0
32.5°	1604.1	1555.9	1557.9	1566.0	1684.4	2965.3	4517.2	5812.1	6259.9	6340.2
35°	1479.6	1465.6	1505.7	1545.9	1574.0	2820.7	4683.8	6310.0	6920.4	7002.7
37.5°	1373.2	1385.3	1435.5	1475.6	1453.5	2616.0	4904.7	6932.4	7659.2	7729.5
40°	1270.8	1301.0	1359.2	1377.2	1361.2	2377.1	5169.7	7532.7	8299.6	8396.0
42.5°	1176.5	1198.6	1280.9	1284.9	1335.1	2134.1	5424.7	8179.2	9036.4	9086.6
45°	1100.2	1096.2	1180.5	1206.6	1369.2	1865.1	5673.6	9040.4	10000.1	10072.4
47.5°	1025.9	1021.9	1042.0	1160.4	1383.3	1616.2	5920.6	10301.3	11397.4	11521.9
50°	955.6	961.7	899.4	1138.3	1307.0	1425.4	6033.0	11467.7	12668.3	12720.5
52.5°	893.4	871.3	762.9	1066.1	1144.4	1244.7	5713.8	11997.7	13455.3	13603.8
55°	805.1	682.6	628.4	865.3	903.4	1086.1	4679.8	11690.5	13523.5	13786.5
57.5°	688.6	536.0	534.0	638.4	638.4	1007.8	2997.4	9988.1	11654.4	12116.2
60°	530.0	415.6	441.7	443.7	409.6	734.8	1682.4	7235.6	8616.8	9076.6
62.5°	377.4	317.2	333.3	265.0	234.9	367.4	807.1	4165.9	5318.3	5382.5
65°	253.0	214.8	174.7	146.6	144.6	156.6	333.3	1505.7	1831.0	2065.9
67.5°	166.6	130.5	92.4	92.4	104.4	104.4	126.5	248.9	349.3	319.2
70°	108.4	90.3	58.2	56.2	68.3	68.3	64.2	68.3	72.3	72.3
72.5°	80.3	68.3	34.1	30.1	38.1	40.2	36.1	34.1	34.1	34.1
75°	60.2	48.2	20.1	14.1	18.1	24.1	20.1	14.1	14.1	12.0
77.5°	24.1	18.1	8.0	6.0	10.0	14.1	12.0	6.0	4.0	4.0
80°	2.0	4.0	4.0	4.0	6.0	8.0	10.0	4.0	2.0	2.0
82.5°	0.0	2.0	2.0	2.0	4.0	6.0	8.0	4.0	2.0	2.0
85°	0.0	0.0	0.0	0.0	4.0	6.0	4.0	2.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	2.0	6.0	4.0	2.0	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)