

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: P635736

Luminaire Tested: GWS-SA3E-735-U-SLR-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P635736  
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-SA3E-735-U-SLR-W  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

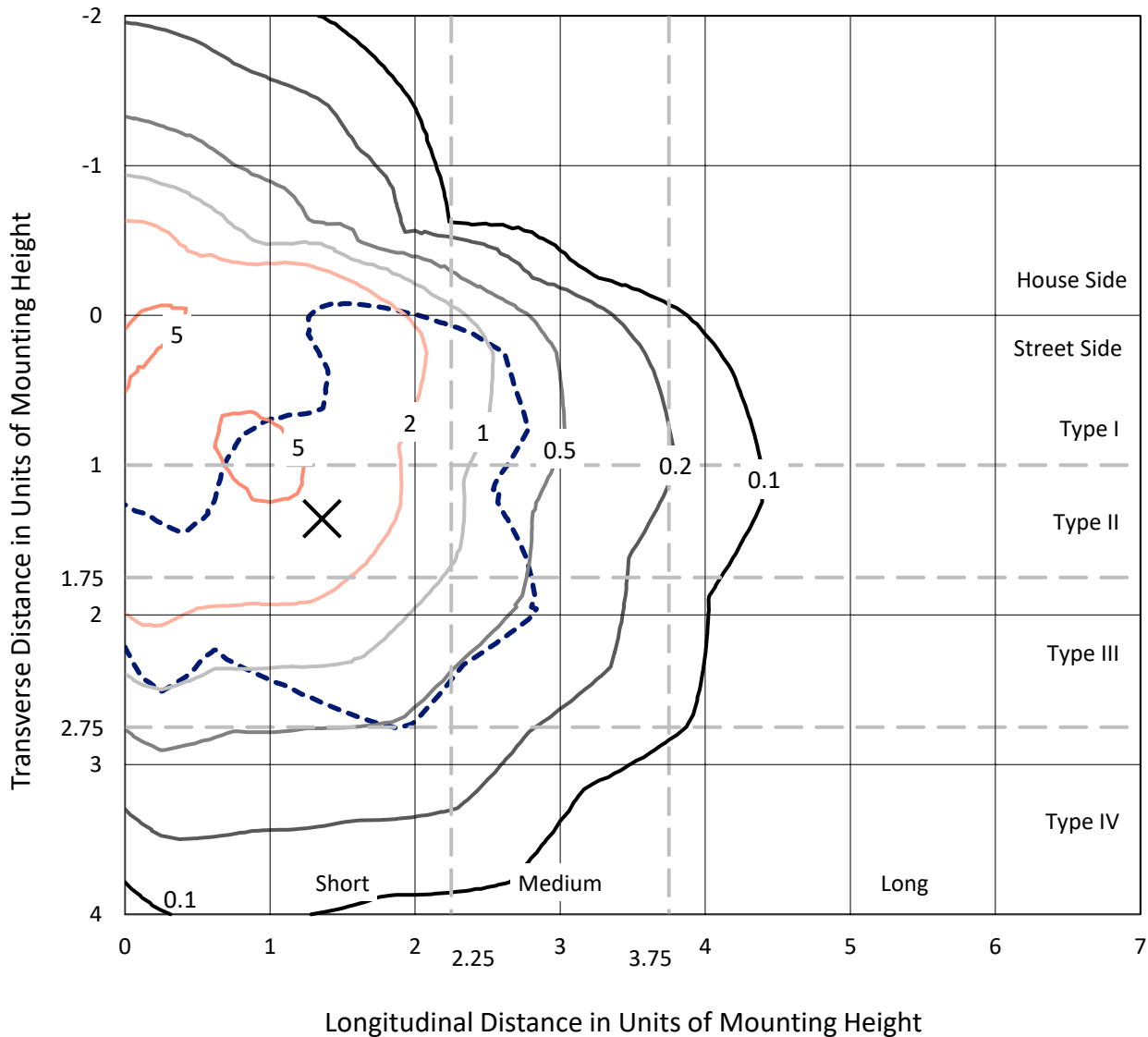
Lumens per Lamp: N/A  
Luminaire Lumens: 20537.2 lumens  
Efficiency: N/A  
Efficacy: 129.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 159.2  
Input Voltage (V): 120  
Input Current (Ain): 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: P635736  
 CATALOG NUMBER: GWS-SA3E-735-U-SLR-W

### Iso-Footcandle Lines of Horizontal Illumination

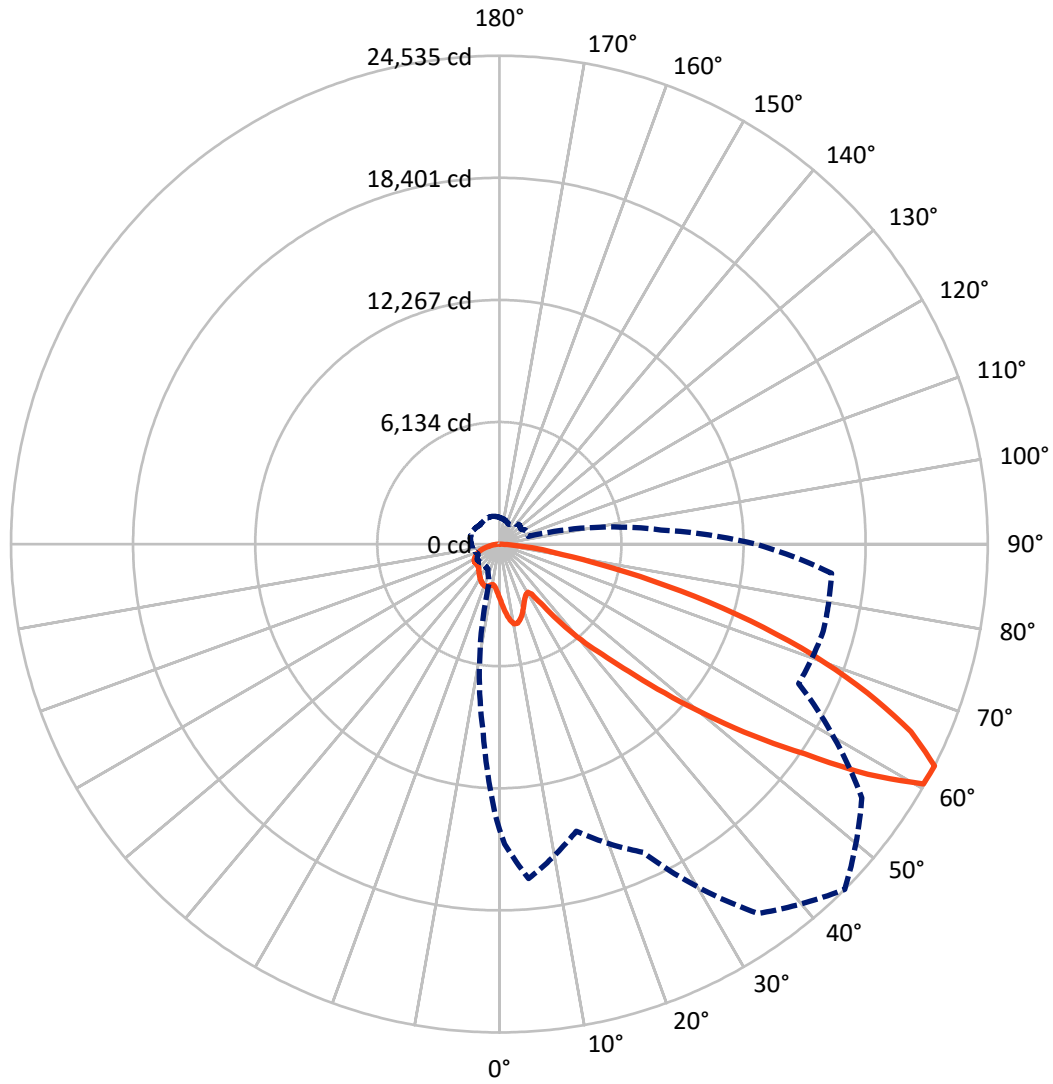
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 fc  
 Type III - Short - N/A

REPORT NUMBER: P635736  
CATALOG NUMBER: GWS-SA3E-735-U-SLR-W

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P635736

CATALOG NUMBER: GWS-SA3E-735-U-SLR-W

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4900.6	0.0	4900.6
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	15636.6	0.0	15636.6
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	20537.2	0.0	20537.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	266.2	1.3
10°-20°	834.5	4.1
20°-30°	1296.2	6.3
30°-40°	1759.8	8.6
40°-50°	2789.2	13.6
50°-60°	4920.1	24.0
60°-70°	5474.4	26.7
70°-80°	2776.4	13.5
80°-90°	420.4	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°	20537.2	100.0
0°-180°	20537.2	100.0

**Coefficient of Utilization**



REPORT NUMBER: P635736

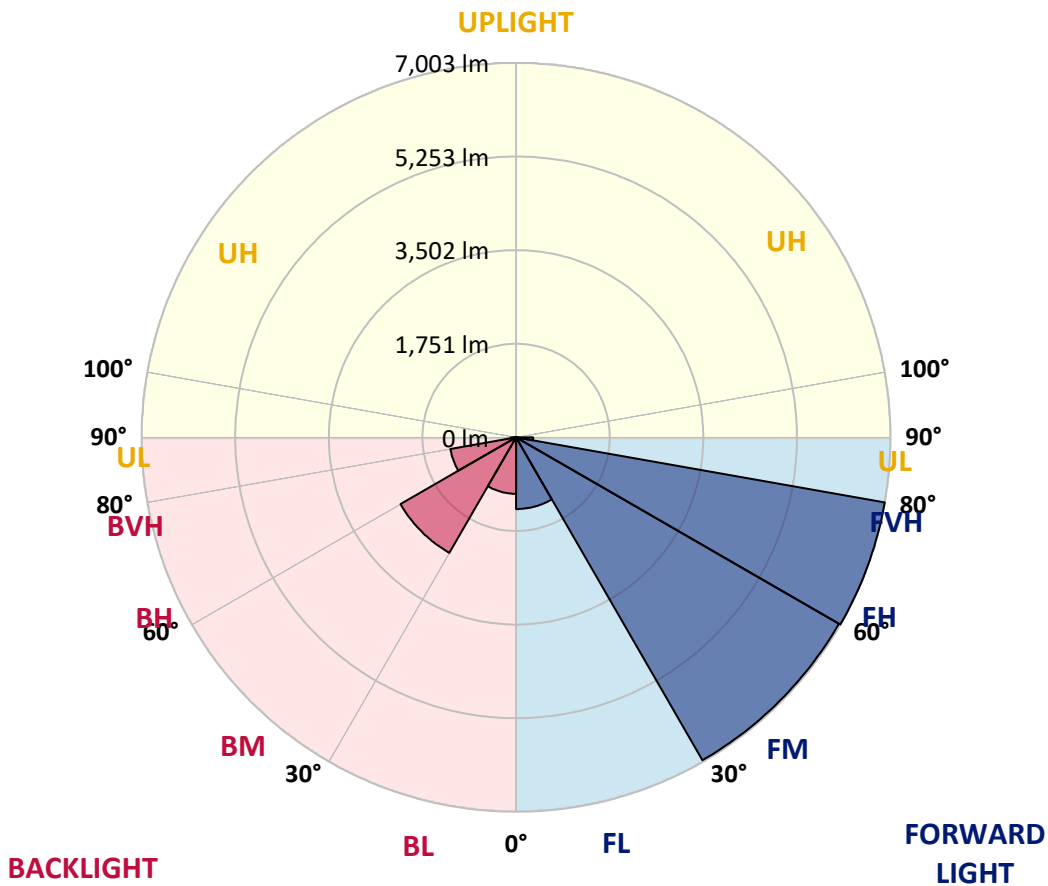
CATALOG NUMBER: GWS-SA3E-735-U-SLR-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1340.9	6.5			
FM (30°-60°)	6973.3	34.0			
FH (60°-80°)	7003.4	34.1			G3/7500
FVH (80°-90°)	319.1	1.6			G3/500
BL (0°-30°)	1055.9	5.1	B3/2500		
BM (30°-60°)	2495.9	12.2	B2/2500		
BH (60°-80°)	1247.4	6.1	B3/2500		G3/2500
BVH (80°-90°)	101.3	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-G3**

Type III Short





REPORT NUMBER: P635736  
 CATALOG NUMBER: GWS-SA3E-735-U-SLR-W

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7
2.5°	2929.4	2927.8	2957.4	3002.5	3044.5	3063.1	3094.2	3091.1	3066.2	3033.6	3022.7
5°	3159.5	3165.7	3217.0	3316.6	3427.0	3473.6	3493.8	3486.0	3441.0	3383.4	3282.4
7.5°	3367.9	3378.8	3458.1	3607.3	3744.2	3806.3	3856.1	3846.8	3781.5	3674.2	3524.9
10°	3520.2	3532.7	3627.5	3803.2	3955.6	4010.0	4073.8	4076.9	4019.4	3874.8	3722.4
12.5°	3672.6	3685.1	3773.7	3933.8	4033.4	4034.9	4072.2	4092.4	4095.6	4028.7	3876.3
15°	3831.2	3842.1	3923.0	4013.1	4008.5	3921.4	3921.4	3960.3	4045.8	4094.0	3988.3
17.5°	3966.5	3980.5	4042.7	4013.1	3874.8	3717.7	3699.1	3748.8	3898.1	4083.1	4072.2
20°	4078.5	4089.3	4123.5	3927.6	3675.7	3470.5	3434.7	3492.3	3694.4	4016.3	4136.0
22.5°	4185.7	4192.0	4173.3	3815.7	3461.2	3226.4	3182.8	3243.5	3461.2	3898.1	4190.4
25°	4313.2	4307.0	4218.4	3699.1	3265.2	3033.6	2988.5	3056.9	3283.9	3741.0	4249.5
27.5°	4461.0	4437.6	4257.3	3573.1	3114.4	2890.5	2859.4	2932.5	3144.0	3596.4	4296.1
30°	4586.9	4541.8	4263.5	3461.2	3036.7	2829.9	2811.2	2879.6	3075.6	3498.5	4355.2
32.5°	4726.8	4664.6	4299.2	3431.6	3080.2	2976.0	3000.9	3005.6	3094.2	3470.5	4443.8
35°	4927.4	4846.6	4397.2	3517.1	3528.0	3703.7	3793.9	3672.6	3375.6	3532.7	4611.8
37.5°	5230.6	5128.0	4596.2	3887.2	4453.2	4846.6	5064.2	4787.5	4230.8	3767.5	4865.2
40°	5599.1	5468.5	4851.2	4571.3	5317.7	5947.4	6334.6	5928.8	5110.9	4353.7	5221.3
42.5°	6113.8	5977.0	5345.7	5243.1	6118.5	7056.0	7561.4	6956.5	5886.8	5110.9	5791.9
45°	7011.0	6878.8	6252.2	5916.3	7056.0	8421.2	9130.3	8289.1	6675.1	5871.2	6858.6
47.5°	8668.5	8513.0	7598.7	6662.7	8125.8	10193.8	11185.8	9960.6	7494.5	6742.0	8649.8
50°	10658.7	10509.4	9288.9	7545.8	9307.5	12089.2	13468.4	11924.4	8438.3	7800.8	10790.9
52.5°	13053.2	13025.2	11700.5	8662.2	10537.4	14110.5	16001.3	14099.7	9472.3	9226.7	13216.5
55°	15211.4	15485.1	14763.6	10364.8	12126.5	16649.7	18605.7	16472.4	10874.8	11583.9	16057.3
57.5°	16374.4	17109.9	18218.5	13838.4	14437.1	19684.8	21819.6	19369.1	13284.9	15508.4	18691.2
60°	15606.3	16439.8	18448.7	16453.7	16729.0	22116.6	24472.3	21804.1	15651.4	18232.5	18542.0
62.5°	14328.2	15076.1	16862.7	14926.9	17083.5	22651.5	24534.5	22228.6	16592.1	16850.2	16749.2
65°	12812.2	13566.3	15458.6	13029.9	15956.2	21381.2	22724.6	20980.0	14902.0	15223.8	15261.2
67.5°	10798.6	11495.2	13421.7	11585.4	14544.4	19516.9	19946.0	19201.2	13723.4	14236.5	13700.1
70°	8068.3	8696.4	10397.5	9414.8	12260.2	17088.1	16741.4	16851.8	12400.2	12910.2	11443.9
72.5°	5513.6	5986.3	7444.8	7398.1	9388.4	13679.8	13196.3	14242.7	10357.1	11033.4	8724.4
75°	3856.1	4224.6	5381.4	5844.8	7096.5	10139.4	9397.7	10660.3	8088.5	9054.1	6365.7
77.5°	2366.5	2610.6	3399.0	4330.3	4565.1	6939.4	5837.0	8021.6	5680.0	6603.6	4246.4
80°	1183.3	1301.4	1651.3	2722.6	3027.4	4089.3	3223.3	4656.9	3843.7	4089.3	2349.4
82.5°	357.6	394.9	483.6	1034.0	1568.9	2354.1	1904.7	2705.5	2099.1	1917.2	925.2
85°	94.8	107.3	133.7	306.3	550.4	844.3	643.7	1310.8	1006.0	707.5	348.3
87.5°	7.8	7.8	6.2	6.2	3.1	0.0	0.0	93.3	188.1	107.3	60.6
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: P635736  
 CATALOG NUMBER: GWS-SA3E-735-U-SLR-W

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7
2.5°	2968.3	2962.0	2898.3	2851.7	2797.2	2744.4	2689.9	2641.7	2587.3	2532.9	2517.4
5°	3207.7	3164.2	3028.9	2915.4	2803.4	2705.5	2620.0	2531.3	2459.8	2389.9	2363.4
7.5°	3419.2	3343.0	3147.1	2974.5	2819.0	2697.7	2571.8	2442.7	2341.7	2242.1	2217.3
10°	3610.4	3509.4	3262.1	3044.5	2871.9	2733.5	2585.8	2413.2	2267.0	2145.7	2113.1
12.5°	3751.9	3641.5	3361.7	3111.3	2915.4	2759.9	2613.8	2461.4	2307.4	2150.4	2114.6
15°	3863.9	3748.8	3444.1	3162.6	2917.0	2716.4	2574.9	2522.0	2473.8	2319.9	2254.6
17.5°	3954.1	3832.8	3515.6	3193.7	2875.0	2584.2	2461.4	2539.1	2662.0	2565.6	2442.7
20°	4036.5	3913.6	3570.0	3215.5	2781.7	2402.3	2333.9	2498.7	2683.7	2680.6	2570.2
22.5°	4126.7	4006.9	3649.3	3227.9	2651.1	2217.3	2257.7	2439.6	2590.4	2635.5	2567.1
25°	4241.7	4136.0	3759.7	3255.9	2503.4	2089.8	2201.7	2363.4	2489.4	2500.2	2459.8
27.5°	4375.4	4296.1	3924.5	3321.2	2360.3	2024.5	2136.4	2256.1	2371.2	2375.9	2327.7
30°	4521.6	4468.7	4076.9	3375.6	2253.0	2004.2	2052.4	2148.8	2221.9	2234.4	2192.4
32.5°	4708.2	4661.5	4212.2	3339.9	2189.3	1999.6	1974.7	2024.5	2085.1	2085.1	2052.4
35°	4964.7	4899.4	4355.2	3203.1	2111.5	1980.9	1892.3	1906.3	1932.7	1937.4	1918.7
37.5°	5328.6	5221.3	4499.8	2932.5	1984.0	1914.1	1797.4	1780.3	1789.7	1802.1	1797.4
40°	5779.5	5603.8	4711.3	2607.5	1831.6	1785.0	1699.5	1666.8	1659.1	1683.9	1693.3
42.5°	6347.0	6078.0	4938.3	2304.3	1693.3	1637.3	1584.4	1556.4	1544.0	1586.0	1610.9
45°	7253.5	6810.4	5156.0	2004.2	1615.5	1511.3	1475.6	1455.4	1461.6	1511.3	1542.4
47.5°	8819.3	7928.3	5362.8	1814.5	1609.3	1421.2	1377.6	1382.3	1399.4	1452.3	1489.6
50°	10800.2	9425.7	5501.2	1735.2	1628.0	1366.7	1309.2	1334.1	1360.5	1411.8	1455.4
52.5°	12816.9	10820.4	5336.4	1691.7	1626.4	1368.3	1245.5	1320.1	1332.5	1383.8	1430.5
55°	14203.8	10975.9	4610.2	1624.9	1601.5	1430.5	1195.7	1313.9	1321.6	1368.3	1410.3
57.5°	14732.5	10444.1	3515.6	1643.5	1526.9	1478.7	1173.9	1270.3	1326.3	1366.7	1410.3
60°	14093.4	9441.2	2136.4	1691.7	1407.2	1475.6	1187.9	1191.0	1287.4	1355.9	1399.4
62.5°	12888.4	8153.8	1500.5	1554.9	1320.1	1393.2	1220.6	1097.7	1219.0	1301.4	1340.3
65°	11507.7	6639.3	1144.4	1338.8	1278.1	1265.7	1231.5	1015.3	1125.7	1206.6	1240.8
67.5°	10069.4	5160.6	929.8	998.2	1155.3	1144.4	1125.7	942.3	1015.3	1072.9	1111.7
70°	8258.0	3610.4	785.2	749.5	990.5	1026.2	984.2	850.5	873.8	932.9	964.0
72.5°	6040.7	2249.9	645.3	618.8	796.1	897.2	875.4	749.5	760.3	816.3	841.2
75°	4344.3	1287.4	517.8	510.0	608.0	768.1	724.6	645.3	657.7	699.7	716.8
77.5°	2761.5	716.8	399.6	410.5	435.4	573.8	618.8	552.0	552.0	576.9	590.9
80°	1478.7	410.5	292.3	297.0	304.8	438.5	488.2	427.6	427.6	410.5	427.6
82.5°	603.3	236.3	200.6	186.6	203.7	300.1	342.1	272.1	284.5	256.6	262.8
85°	199.0	118.2	99.5	98.0	96.4	132.2	164.8	135.3	161.7	102.6	107.3
87.5°	26.4	21.8	12.4	9.3	10.9	4.7	9.3	10.9	10.9	7.8	7.8
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: P635736  
 CATALOG NUMBER: GWS-SA3E-735-U-SLR-W

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7
2.5°	2506.5	2494.0	2448.9	2459.8	2452.0	2439.6	2452.0	2428.7	2447.4	2453.6	2492.5
5°	2343.2	2313.7	2270.1	2248.4	2243.7	2231.3	2232.8	2221.9	2225.0	2251.5	2295.0
7.5°	2197.0	2169.1	2134.9	2119.3	2105.3	2091.3	2089.8	2088.2	2100.6	2124.0	2165.9
10°	2091.3	2075.8	2061.8	2068.0	2061.8	2055.6	2044.7	2044.7	2064.9	2106.9	2158.2
12.5°	2091.3	2088.2	2091.3	2110.0	2108.4	2110.0	2096.0	2103.8	2159.7	2231.3	2304.3
15°	2203.3	2178.4	2178.4	2187.7	2184.6	2184.6	2184.6	2217.3	2344.8	2455.2	2532.9
17.5°	2340.1	2267.0	2235.9	2231.3	2229.7	2229.7	2235.9	2305.9	2504.9	2621.5	2666.6
20°	2434.9	2296.6	2245.2	2225.0	2226.6	2229.7	2248.4	2344.8	2564.0	2623.1	2612.2
22.5°	2452.0	2273.2	2211.0	2181.5	2186.2	2189.3	2217.3	2319.9	2483.1	2492.5	2470.7
25°	2372.7	2207.9	2141.1	2117.7	2124.0	2122.4	2147.3	2221.9	2338.5	2335.4	2323.0
27.5°	2254.6	2103.8	2054.0	2038.4	2049.3	2036.9	2044.7	2102.2	2192.4	2189.3	2184.6
30°	2133.3	2002.7	1957.6	1949.8	1963.8	1945.2	1946.7	1994.9	2057.1	2054.0	2052.4
32.5°	2012.0	1901.6	1861.2	1861.2	1875.2	1855.0	1858.1	1900.1	1942.0	1929.6	1929.6
35°	1897.0	1819.2	1786.6	1780.3	1791.2	1777.2	1783.4	1822.3	1837.9	1820.8	1809.9
37.5°	1795.9	1761.7	1729.0	1707.3	1708.8	1710.4	1729.0	1758.6	1749.2	1724.4	1710.4
40°	1702.6	1702.6	1671.5	1631.1	1626.4	1637.3	1668.4	1701.0	1674.6	1646.6	1629.5
42.5°	1635.7	1649.7	1620.2	1579.8	1570.4	1589.1	1623.3	1646.6	1615.5	1584.4	1561.1
45°	1573.5	1607.7	1587.5	1542.4	1530.0	1551.8	1595.3	1604.6	1562.7	1533.1	1516.0
47.5°	1530.0	1576.6	1562.7	1519.1	1500.5	1531.6	1576.6	1575.1	1522.2	1491.1	1477.1
50°	1498.9	1558.0	1556.4	1519.1	1498.9	1537.8	1578.2	1558.0	1500.5	1467.8	1453.8
52.5°	1474.0	1556.4	1567.3	1545.6	1531.6	1565.8	1590.6	1551.8	1484.9	1450.7	1439.8
55°	1463.1	1562.7	1570.4	1550.2	1537.8	1568.9	1590.6	1564.2	1484.9	1453.8	1444.5
57.5°	1466.3	1554.9	1556.4	1528.4	1506.7	1545.6	1579.8	1572.0	1502.0	1466.3	1455.4
60°	1447.6	1512.9	1516.0	1472.5	1447.6	1494.2	1554.9	1550.2	1494.2	1456.9	1436.7
62.5°	1385.4	1442.9	1444.5	1404.1	1368.3	1435.2	1502.0	1500.5	1449.1	1411.8	1388.5
65°	1281.2	1341.9	1357.4	1318.5	1290.6	1362.1	1432.0	1428.9	1377.6	1343.4	1320.1
67.5°	1152.2	1217.5	1247.0	1220.6	1209.7	1275.0	1340.3	1338.8	1296.8	1264.1	1243.9
70°	995.1	1049.5	1099.3	1099.3	1091.5	1166.2	1236.1	1229.9	1191.0	1166.2	1150.6
72.5°	864.5	906.5	922.0	937.6	960.9	1038.7	1097.7	1102.4	1074.4	1062.0	1074.4
75°	735.5	761.9	775.9	763.4	803.9	884.7	962.5	970.2	940.7	920.5	925.2
77.5°	604.8	634.4	648.4	620.4	617.3	719.9	814.8	831.9	807.0	775.9	785.2
80°	436.9	475.8	499.1	480.5	474.2	519.3	649.9	668.6	645.3	620.4	634.4
82.5°	267.4	289.2	295.4	314.1	353.0	371.6	418.3	480.5	463.4	441.6	480.5
85°	105.7	125.9	139.9	158.6	185.0	219.2	258.1	307.9	279.9	270.5	318.8
87.5°	6.2	1.6	0.0	3.1	26.4	51.3	110.4	152.4	127.5	136.8	164.8
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: P635736  
 CATALOG NUMBER: GWS-SA3E-735-U-SLR-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7	2725.7
2.5°	2523.6	2564.0	2618.4	2663.5	2721.0	2775.5	2831.4	2887.4	2917.0	2929.4
5°	2344.8	2419.4	2506.5	2602.9	2714.8	2833.0	2952.7	3075.6	3153.3	3159.5
7.5°	2237.5	2344.8	2464.5	2585.8	2724.2	2887.4	3077.1	3266.8	3346.1	3367.9
10°	2271.7	2391.4	2486.3	2599.8	2752.1	2955.8	3179.7	3402.1	3493.8	3520.2
12.5°	2408.5	2431.8	2461.4	2565.6	2752.1	3014.9	3285.5	3549.8	3647.8	3672.6
15°	2522.0	2410.1	2357.2	2467.6	2714.8	3066.2	3397.4	3689.7	3807.9	3831.2
17.5°	2531.3	2338.5	2223.5	2323.0	2649.5	3102.0	3504.7	3845.2	3944.7	3966.5
20°	2436.5	2262.4	2113.1	2173.7	2560.9	3117.5	3582.4	3958.7	4056.7	4078.5
22.5°	2329.2	2200.2	2038.4	2035.3	2453.6	3134.6	3675.7	4066.0	4171.7	4185.7
25°	2228.1	2114.6	1977.8	1934.3	2329.2	3167.3	3801.7	4227.7	4308.6	4313.2
27.5°	2110.0	2022.9	1929.6	1887.6	2220.4	3229.5	3988.3	4420.5	4468.7	4461.0
30°	2002.7	1937.4	1895.4	1883.0	2152.0	3276.1	4165.5	4610.2	4613.3	4586.9
32.5°	1889.2	1864.3	1864.3	1904.7	2096.0	3265.2	4310.1	4795.3	4765.7	4726.8
35°	1788.1	1792.8	1825.4	1920.3	2002.7	3156.4	4448.5	5026.9	4983.4	4927.4
37.5°	1691.7	1727.5	1774.1	1865.9	1879.9	2994.7	4610.2	5355.0	5300.6	5230.6
40°	1609.3	1663.7	1718.1	1763.2	1749.2	2764.6	4835.7	5740.6	5680.0	5599.1
42.5°	1544.0	1596.9	1657.5	1662.2	1666.8	2525.1	5075.1	6213.3	6202.4	6113.8
45°	1502.0	1536.2	1593.8	1586.0	1662.2	2260.8	5295.9	6934.8	7077.8	7011.0
47.5°	1474.0	1500.5	1506.7	1539.3	1702.6	2024.5	5580.5	8346.6	8744.6	8668.5
50°	1458.5	1484.9	1414.9	1542.4	1708.8	1872.1	5973.9	10119.2	10759.8	10658.7
52.5°	1456.9	1450.7	1345.0	1575.1	1674.6	1778.8	6179.1	11412.8	12834.0	13053.2
55°	1460.0	1382.3	1309.2	1584.4	1606.2	1744.6	5491.8	12034.8	14748.0	15211.4
57.5°	1432.0	1307.7	1329.4	1547.1	1477.1	1836.3	4059.8	11812.4	15513.0	16374.4
60°	1379.2	1236.1	1366.7	1446.0	1345.0	1679.3	2795.7	10820.4	14720.1	15606.3
62.5°	1303.0	1186.4	1362.1	1315.4	1296.8	1374.5	1921.8	9431.9	13462.2	14328.2
65°	1217.5	1145.9	1289.0	1189.5	1200.4	1057.3	1359.0	7864.6	11960.1	12812.2
67.5°	1125.7	1121.1	1181.7	1058.9	1013.8	838.1	990.5	6303.5	10030.5	10798.6
70°	1021.6	1055.8	1074.4	940.7	822.5	657.7	735.5	4408.1	7399.7	8068.3
72.5°	917.4	920.5	946.9	817.9	615.7	527.1	552.0	2669.7	5026.9	5513.6
75°	811.6	782.1	807.0	665.5	458.7	432.3	426.0	1649.7	3472.0	3856.1
77.5°	698.1	665.5	632.8	500.7	368.5	334.3	326.5	925.2	2130.2	2366.5
80°	567.5	524.0	472.7	367.0	269.0	239.5	237.9	450.9	1062.0	1183.3
82.5°	441.6	359.2	345.2	228.6	166.4	146.2	155.5	172.6	320.3	357.6
85°	309.4	261.2	183.5	91.7	74.6	60.6	59.1	51.3	85.5	94.8
87.5°	172.6	113.5	59.1	10.9	12.4	14.0	10.9	7.8	7.8	7.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)