

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: P640188

Luminaire Tested: GWS-SA5D-735-U-SLR-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P640188
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-SA5D-735-U-SLR-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15807.1 lumens
Efficiency: N/A
Efficacy: 77.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

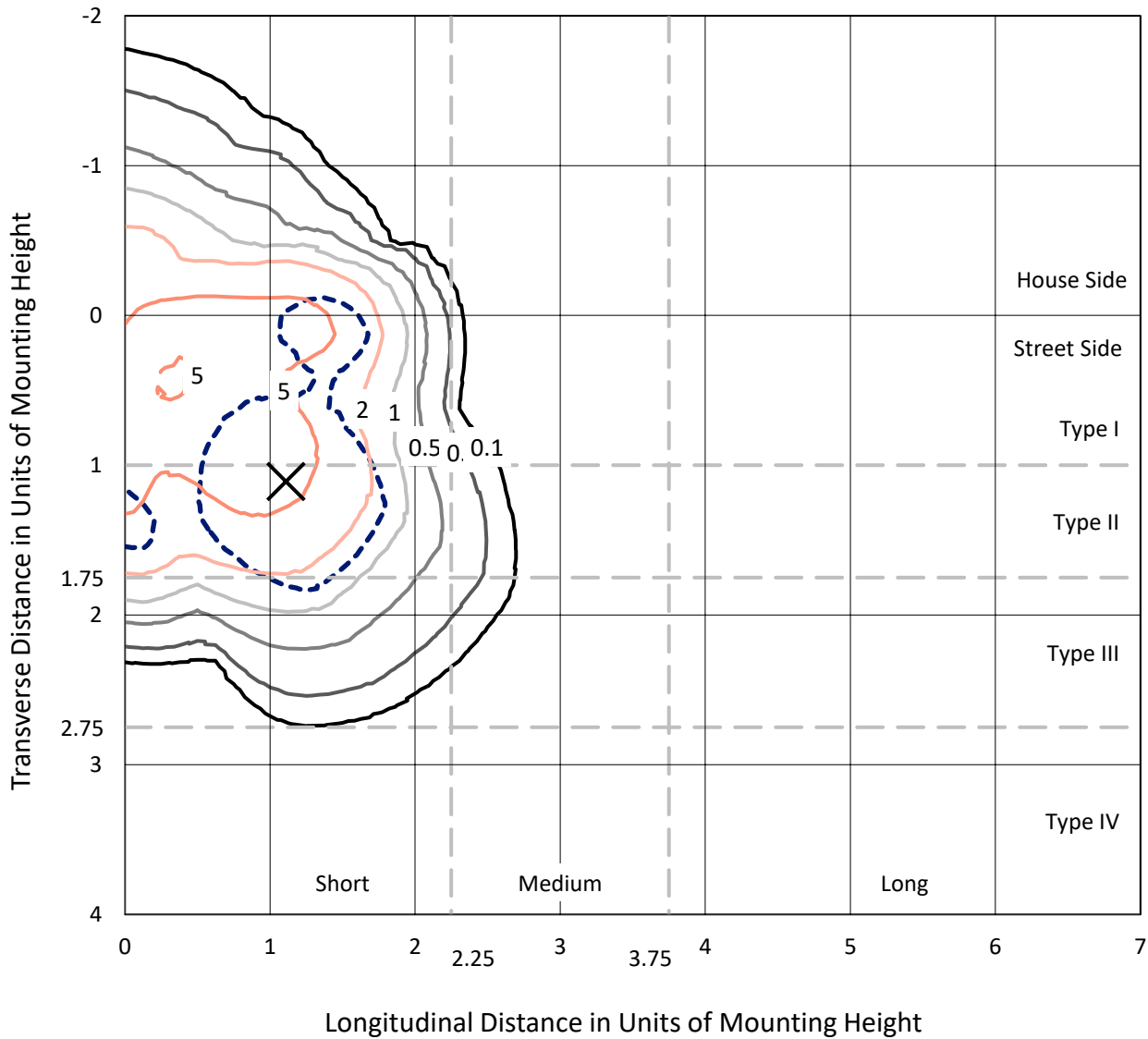
Input Watts (W): 204.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P640188
 CATALOG NUMBER: GWS-SA5D-735-U-SLR-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

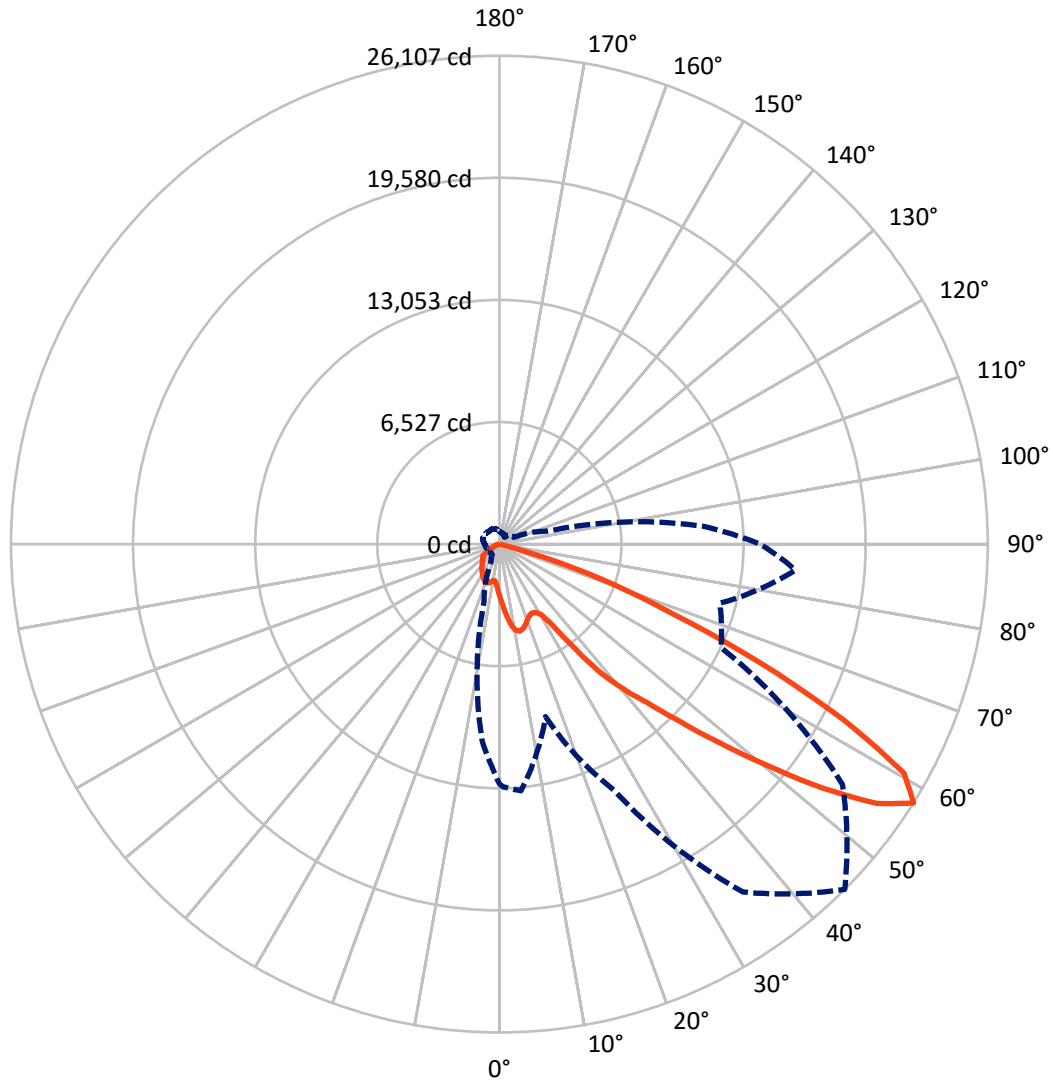
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.9 fc
 Type III - Short - N/A

REPORT NUMBER: P640188
CATALOG NUMBER: GWS-SA5D-735-U-SLR-W-GRSBK

Luminous Intensity Polar Plot



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

REPORT NUMBER: P640188

CATALOG NUMBER: GWS-SA5D-735-U-SLR-W-GRSBK

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3539.6	0.0	3539.6
	% Fixture	22.4	0.0	22.4
Street Side	Lumens	12267.5	0.0	12267.5
	% Fixture	77.6	0.0	77.6
Total	Lumens	15807.1	0.0	15807.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	273.3	1.7
10°-20°	884.2	5.6
20°-30°	1436.3	9.1
30°-40°	2219.3	14.0
40°-50°	3558.6	22.5
50°-60°	4863.6	30.8
60°-70°	2355.6	14.9
70°-80°	215.7	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°	15807.1	100.0
0°-180°	15807.1	100.0

Coefficient of Utilization



REPORT NUMBER: P640188

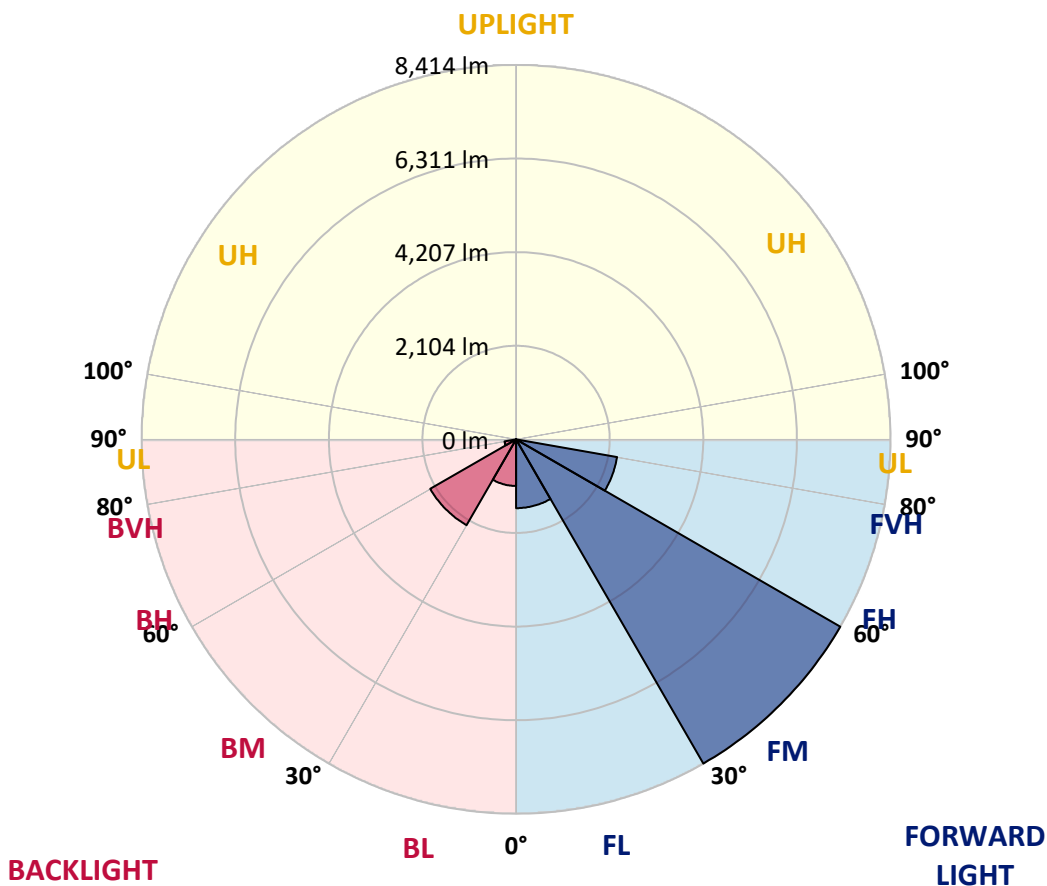
CATALOG NUMBER: GWS-SA5D-735-U-SLR-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1546.4	9.8			
FM (30°-60°)	8414.5	53.2			
FH (60°-80°)	2306.0	14.6			G2/5000
FVH (80°-90°)	0.6	0.0			G0/10
BL (0°-30°)	1047.3	6.6	B3/2500		
BM (30°-60°)	2227.0	14.1	B2/2500		
BH (60°-80°)	265.3	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: B3-U0-G2

Type III Short





REPORT NUMBER: P640188

CATALOG NUMBER: GWS-SA5D-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3
2.5°	3009.8	3028.9	3060.8	3128.7	3186.1	3224.3	3241.3	3237.1	3213.7	3196.7	3162.7
5°	3332.6	3332.6	3394.2	3549.3	3668.2	3742.6	3780.8	3757.5	3710.7	3636.4	3521.7
7.5°	3615.1	3625.8	3729.8	3950.7	4131.3	4237.5	4299.1	4286.3	4203.5	4061.2	3831.8
10°	3836.0	3848.8	3986.9	4256.6	4469.0	4577.3	4668.7	4677.2	4585.8	4396.8	4133.4
12.5°	4050.6	4063.3	4207.8	4466.9	4653.8	4698.4	4779.1	4811.0	4787.6	4653.8	4379.8
15°	4282.1	4311.8	4435.0	4628.3	4706.9	4653.8	4706.9	4764.3	4842.9	4830.1	4583.7
17.5°	4509.4	4530.6	4655.9	4723.9	4636.8	4498.8	4524.2	4592.2	4770.6	4944.8	4785.5
20°	4719.7	4749.4	4853.5	4764.3	4500.9	4286.3	4288.5	4377.7	4649.6	5014.9	4991.5
22.5°	4940.6	4985.2	5059.5	4808.9	4375.6	4118.5	4129.2	4209.9	4554.0	5080.7	5225.2
25°	5229.4	5271.9	5320.8	4919.3	4335.2	4035.7	4076.1	4150.4	4554.0	5193.3	5514.1
27.5°	5620.3	5650.0	5652.1	5125.4	4405.3	4048.5	4133.4	4218.4	4689.9	5418.5	5900.6
30°	6110.9	6157.6	6096.0	5446.1	4624.1	4218.4	4343.7	4449.9	4983.0	5798.7	6469.9
32.5°	6707.8	6773.6	6690.8	5921.9	5080.7	4804.6	5031.9	5093.5	5450.3	6348.8	7115.6
35°	7408.7	7463.9	7374.7	6580.3	6147.0	6198.0	6610.1	6531.5	6389.2	7026.4	7869.6
37.5°	8177.6	8228.6	8056.6	7578.6	7723.1	7944.0	8602.4	8332.7	7873.9	7899.4	8687.4
40°	8882.8	8938.0	8668.3	8664.0	8961.4	9365.0	10159.4	9787.7	9163.2	9042.1	9454.2
42.5°	9613.5	9651.7	9407.5	9241.8	9917.2	10747.7	11588.9	11087.6	10017.1	9885.4	10414.3
45°	10656.4	10737.1	10301.7	9526.4	10777.5	12338.7	13511.1	12531.9	10599.0	10492.8	11884.1
47.5°	12190.0	12249.4	11361.6	9704.8	11578.2	14320.4	15913.4	14405.4	11110.9	10868.8	13893.5
50°	13458.0	13498.4	12336.5	9900.2	12430.0	16457.2	18651.4	16627.1	11686.6	11491.2	15769.0
52.5°	14392.6	14545.5	13617.3	10301.7	13549.4	18970.0	21682.4	19258.8	12585.0	12693.4	17323.8
55°	14585.9	14794.1	14492.4	10548.1	14534.9	21529.4	24481.9	21614.4	13481.4	13604.6	17846.3
57.5°	12818.7	12984.4	13235.0	9554.0	14511.6	22701.9	26106.8	22396.1	13073.6	12200.6	15890.1
60°	9602.9	9717.6	10172.1	7302.5	13345.5	21665.4	24840.9	21066.4	11431.7	9309.7	12107.1
62.5°	5694.6	5745.6	6321.2	4730.3	11077.0	18657.7	20601.2	18177.7	9033.6	6261.7	7415.1
65°	2185.7	2164.4	2604.1	2334.3	8145.8	14862.0	15323.0	13857.4	6198.0	2869.6	2827.1
67.5°	337.7	322.9	435.4	690.3	5875.1	10299.6	10110.5	9987.3	3882.8	669.1	584.1
70°	76.5	76.5	93.5	203.9	3589.7	6051.4	6476.3	6174.6	2485.1	142.3	76.5
72.5°	36.1	36.1	44.6	87.1	1299.9	2493.6	2905.7	2861.1	807.1	46.7	27.6
75°	12.7	14.9	14.9	19.1	78.6	129.6	297.4	212.4	51.0	0.0	0.0
77.5°	4.2	4.2	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.1	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: P640188

CATALOG NUMBER: GWS-SA5D-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3
2.5°	3088.4	3073.5	3018.3	2943.9	2871.7	2808.0	2742.2	2663.6	2606.2	2540.4	2519.1
5°	3432.5	3339.0	3188.2	3031.0	2886.6	2763.4	2644.5	2517.0	2423.5	2330.1	2298.2
7.5°	3723.5	3585.4	3341.1	3105.4	2907.8	2733.7	2561.6	2387.4	2251.5	2141.1	2107.1
10°	3984.7	3825.4	3498.3	3207.3	2958.8	2757.0	2548.9	2330.1	2153.8	2022.1	1990.2
12.5°	4209.9	4025.1	3632.1	3283.8	2980.1	2748.5	2546.7	2372.6	2213.3	2062.5	2022.1
15°	4398.9	4195.0	3744.7	3334.8	2948.2	2642.3	2466.0	2438.4	2425.7	2260.0	2181.4
17.5°	4583.7	4354.3	3836.0	3358.1	2859.0	2455.4	2328.0	2453.3	2587.1	2478.8	2378.9
20°	4777.0	4515.7	3929.5	3362.4	2710.3	2245.1	2223.9	2421.4	2591.4	2557.4	2463.9
22.5°	5004.3	4717.5	4046.3	3360.3	2523.4	2066.7	2147.4	2359.8	2497.9	2495.8	2421.4
25°	5333.5	4972.4	4203.5	3373.0	2319.5	1928.6	2062.5	2255.7	2368.3	2364.1	2302.5
27.5°	5686.1	5276.2	4407.4	3404.9	2145.3	1847.9	1962.6	2113.4	2211.1	2206.9	2153.8
30°	6181.0	5626.6	4602.8	3407.0	2020.0	1805.4	1852.2	1956.3	2049.7	2039.1	1998.7
32.5°	6782.1	6021.7	4766.4	3285.9	1941.4	1765.1	1737.5	1790.6	1862.8	1847.9	1837.3
35°	7508.5	6491.1	4906.6	3020.4	1820.3	1684.4	1610.0	1620.7	1671.6	1680.1	1675.9
37.5°	8336.9	7049.7	5080.7	2669.9	1656.8	1567.6	1467.7	1459.2	1489.0	1516.6	1537.8
40°	9154.7	7678.5	5316.5	2315.2	1508.1	1418.9	1323.3	1302.0	1314.8	1363.6	1408.3
42.5°	10074.4	8407.0	5571.4	2011.5	1406.1	1255.3	1164.0	1123.6	1159.7	1238.3	1291.4
45°	11399.8	9428.7	5819.9	1769.3	1363.6	1110.9	987.7	983.4	1023.8	1125.8	1185.2
47.5°	13260.5	10749.9	5983.5	1580.3	1361.5	998.3	851.7	877.2	924.0	1023.8	1091.8
50°	15074.4	12404.5	5802.9	1435.9	1316.9	924.0	749.8	800.8	847.5	934.6	1004.7
52.5°	16168.3	13294.5	5099.9	1299.9	1178.9	890.0	650.0	739.2	747.7	826.3	900.6
55°	16053.6	12718.9	3906.1	1089.6	974.9	841.1	545.9	667.0	671.2	730.7	794.4
57.5°	13933.8	10919.8	2682.7	883.6	732.8	694.6	450.3	562.9	603.2	639.3	686.1
60°	10384.5	7967.3	1195.8	717.9	465.2	469.4	384.5	424.8	486.4	528.9	569.2
62.5°	6119.4	4583.7	486.4	431.2	257.0	295.2	310.1	310.1	348.3	380.2	405.7
65°	2313.1	1603.7	197.5	216.7	133.8	138.1	182.7	225.2	254.9	282.5	316.5
67.5°	405.7	280.4	102.0	80.7	78.6	70.1	93.5	146.6	163.6	184.8	199.7
70°	68.0	57.3	42.5	40.4	36.1	38.2	61.6	104.1	114.7	121.1	127.4
72.5°	19.1	17.0	12.7	10.6	8.5	10.6	38.2	80.7	85.0	89.2	95.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	14.9	57.3	61.6	63.7	70.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7	17.0	21.2	17.0
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: P640188

CATALOG NUMBER: GWS-SA5D-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3
2.5°	2506.4	2463.9	2440.5	2427.8	2427.8	2410.8	2391.7	2385.3	2412.9	2412.9	2459.7
5°	2257.9	2223.9	2185.7	2162.3	2126.2	2132.6	2111.3	2109.2	2136.8	2149.5	2198.4
7.5°	2085.8	2043.3	2020.0	2005.1	1986.0	1977.5	1958.4	1952.0	1966.9	1988.1	2034.8
10°	1971.1	1964.8	1962.6	1973.2	1973.2	1962.6	1945.6	1935.0	1939.3	1979.6	2032.7
12.5°	2000.9	2013.6	2017.9	2034.8	2043.3	2034.8	2022.1	2026.4	2054.0	2128.3	2206.9
15°	2130.4	2119.8	2115.6	2124.1	2130.4	2121.9	2117.7	2149.5	2245.1	2351.3	2440.5
17.5°	2268.5	2200.5	2170.8	2170.8	2175.0	2170.8	2175.0	2236.6	2391.7	2497.9	2563.7
20°	2338.6	2213.3	2166.5	2155.9	2164.4	2166.5	2181.4	2251.5	2421.4	2495.8	2510.6
22.5°	2317.3	2160.2	2107.1	2098.6	2107.1	2115.6	2130.4	2189.9	2349.2	2387.4	2381.1
25°	2211.1	2056.1	2013.6	2013.6	2032.7	2030.6	2037.0	2079.5	2211.1	2234.5	2223.9
27.5°	2077.3	1930.8	1894.7	1915.9	1932.9	1928.6	1930.8	1966.9	2064.6	2071.0	2060.3
30°	1941.4	1813.9	1780.0	1805.4	1828.8	1824.6	1826.7	1862.8	1924.4	1918.0	1903.2
32.5°	1803.3	1709.9	1684.4	1699.2	1735.4	1731.1	1739.6	1777.8	1801.2	1773.6	1756.6
35°	1675.9	1627.0	1607.9	1616.4	1644.0	1650.4	1665.3	1690.7	1690.7	1656.8	1627.0
37.5°	1556.9	1550.6	1537.8	1527.2	1552.7	1571.8	1593.0	1622.8	1580.3	1531.4	1503.8
40°	1446.5	1474.1	1457.1	1429.5	1444.4	1472.0	1514.5	1537.8	1486.8	1438.0	1391.3
42.5°	1344.5	1391.3	1384.9	1350.9	1363.6	1389.1	1438.0	1457.1	1397.6	1342.4	1297.8
45°	1246.8	1312.7	1316.9	1274.4	1287.2	1312.7	1370.0	1376.4	1299.9	1240.4	1208.6
47.5°	1161.9	1234.1	1236.2	1204.3	1208.6	1244.7	1297.8	1299.9	1212.8	1157.6	1117.3
50°	1081.1	1164.0	1170.4	1142.7	1147.0	1189.5	1234.1	1225.6	1132.1	1074.8	1038.7
52.5°	983.4	1096.0	1110.9	1098.1	1115.1	1149.1	1176.7	1147.0	1038.7	981.3	949.5
55°	877.2	1023.8	1055.7	1047.2	1066.3	1093.9	1100.3	1081.1	945.2	887.9	858.1
57.5°	754.0	843.3	898.5	881.5	896.4	924.0	943.1	928.2	826.3	781.7	756.2
60°	624.5	683.9	696.7	669.1	656.3	705.2	749.8	730.7	643.6	616.0	586.2
62.5°	456.7	524.6	533.1	497.0	482.2	535.3	573.5	554.4	458.8	429.1	405.7
65°	365.3	429.1	446.1	412.1	403.6	443.9	467.3	420.6	352.6	320.7	295.2
67.5°	240.0	291.0	335.6	333.5	316.5	329.2	312.2	274.0	225.2	208.2	191.2
70°	148.7	178.4	206.0	216.7	214.5	210.3	186.9	159.3	144.4	138.1	129.6
72.5°	114.7	144.4	165.7	172.0	174.2	167.8	148.7	123.2	108.3	99.8	93.5
75°	85.0	108.3	125.3	133.8	138.1	133.8	114.7	97.7	82.8	76.5	70.1
77.5°	29.7	36.1	44.6	48.9	46.7	44.6	40.4	40.4	31.9	29.7	25.5
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: P640188

CATALOG NUMBER: GWS-SA5D-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3	2778.3
2.5°	2512.8	2551.0	2621.1	2684.8	2752.8	2822.9	2899.3	2977.9	3014.0	3009.8
5°	2272.7	2355.6	2470.3	2595.6	2735.8	2886.6	3054.4	3226.4	3300.8	3332.6
7.5°	2121.9	2238.8	2389.6	2548.9	2733.7	2948.2	3201.0	3470.7	3579.0	3615.1
10°	2141.1	2277.0	2402.3	2557.4	2754.9	3033.2	3347.5	3668.2	3795.7	3836.0
12.5°	2296.1	2325.8	2359.8	2487.3	2735.8	3096.9	3481.3	3863.7	4010.2	4050.6
15°	2436.3	2298.2	2234.5	2351.3	2667.8	3141.5	3617.3	4073.9	4235.4	4282.1
17.5°	2442.7	2234.5	2092.2	2183.5	2557.4	3160.6	3751.1	4288.5	4464.8	4509.4
20°	2364.1	2164.4	1981.7	1983.9	2406.6	3156.3	3861.5	4481.8	4679.3	4719.7
22.5°	2249.4	2081.6	1892.5	1826.7	2245.1	3147.9	3982.6	4687.8	4902.3	4940.6
25°	2121.9	1975.4	1807.6	1707.7	2083.7	3156.3	4152.5	4957.6	5193.3	5229.4
27.5°	1983.9	1858.6	1741.7	1661.0	1947.8	3188.2	4356.4	5301.6	5582.0	5620.3
30°	1839.4	1746.0	1699.2	1650.4	1862.8	3196.7	4577.3	5703.1	6057.8	6110.9
32.5°	1697.1	1646.1	1648.3	1656.8	1782.1	3137.2	4779.1	6149.1	6622.8	6707.8
35°	1565.4	1550.6	1593.0	1635.5	1665.3	2984.3	4955.4	6675.9	7321.6	7408.7
37.5°	1452.9	1465.6	1518.7	1561.2	1537.8	2767.6	5189.1	7334.4	8103.3	8177.6
40°	1344.5	1376.4	1438.0	1457.1	1440.1	2514.9	5469.4	7969.5	8780.9	8882.8
42.5°	1244.7	1268.1	1355.1	1359.4	1412.5	2257.9	5739.2	8653.4	9560.4	9613.5
45°	1164.0	1159.7	1248.9	1276.6	1448.6	1973.2	6002.6	9564.6	10579.9	10656.4
47.5°	1085.4	1081.1	1102.4	1227.7	1463.5	1709.9	6263.8	10898.5	12058.3	12190.0
50°	1011.1	1017.4	951.6	1204.3	1382.8	1508.1	6382.8	12132.6	13402.8	13458.0
52.5°	945.2	921.8	807.1	1127.9	1210.7	1316.9	6045.1	12693.4	14235.4	14392.6
55°	851.7	722.2	664.8	915.5	955.8	1149.1	4951.2	12368.4	14307.7	14585.9
57.5°	728.6	567.1	565.0	675.5	675.5	1066.3	3171.2	10567.2	12330.2	12818.7
60°	560.8	439.7	467.3	469.4	433.3	777.4	1780.0	7655.1	9116.5	9602.9
62.5°	399.3	335.6	352.6	280.4	248.5	388.7	853.9	4407.4	5626.6	5694.6
65°	267.6	227.3	184.8	155.1	152.9	165.7	352.6	1593.0	1937.1	2185.7
67.5°	176.3	138.1	97.7	97.7	110.5	110.5	133.8	263.4	369.6	337.7
70°	114.7	95.6	61.6	59.5	72.2	72.2	68.0	72.2	76.5	76.5
72.5°	85.0	72.2	36.1	31.9	40.4	42.5	38.2	36.1	36.1	36.1
75°	63.7	51.0	21.2	14.9	19.1	25.5	21.2	14.9	14.9	12.7
77.5°	25.5	19.1	8.5	6.4	10.6	14.9	12.7	6.4	4.2	4.2
80°	2.1	4.2	4.2	4.2	6.4	8.5	10.6	4.2	2.1	2.1
82.5°	0.0	2.1	2.1	2.1	4.2	6.4	8.5	4.2	2.1	2.1
85°	0.0	0.0	0.0	0.0	4.2	6.4	4.2	2.1	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	2.1	6.4	4.2	2.1	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)