

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: P630621

Luminaire Tested: GWS-SA1E-722-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P630621
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-SA1E-722-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5284.9 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

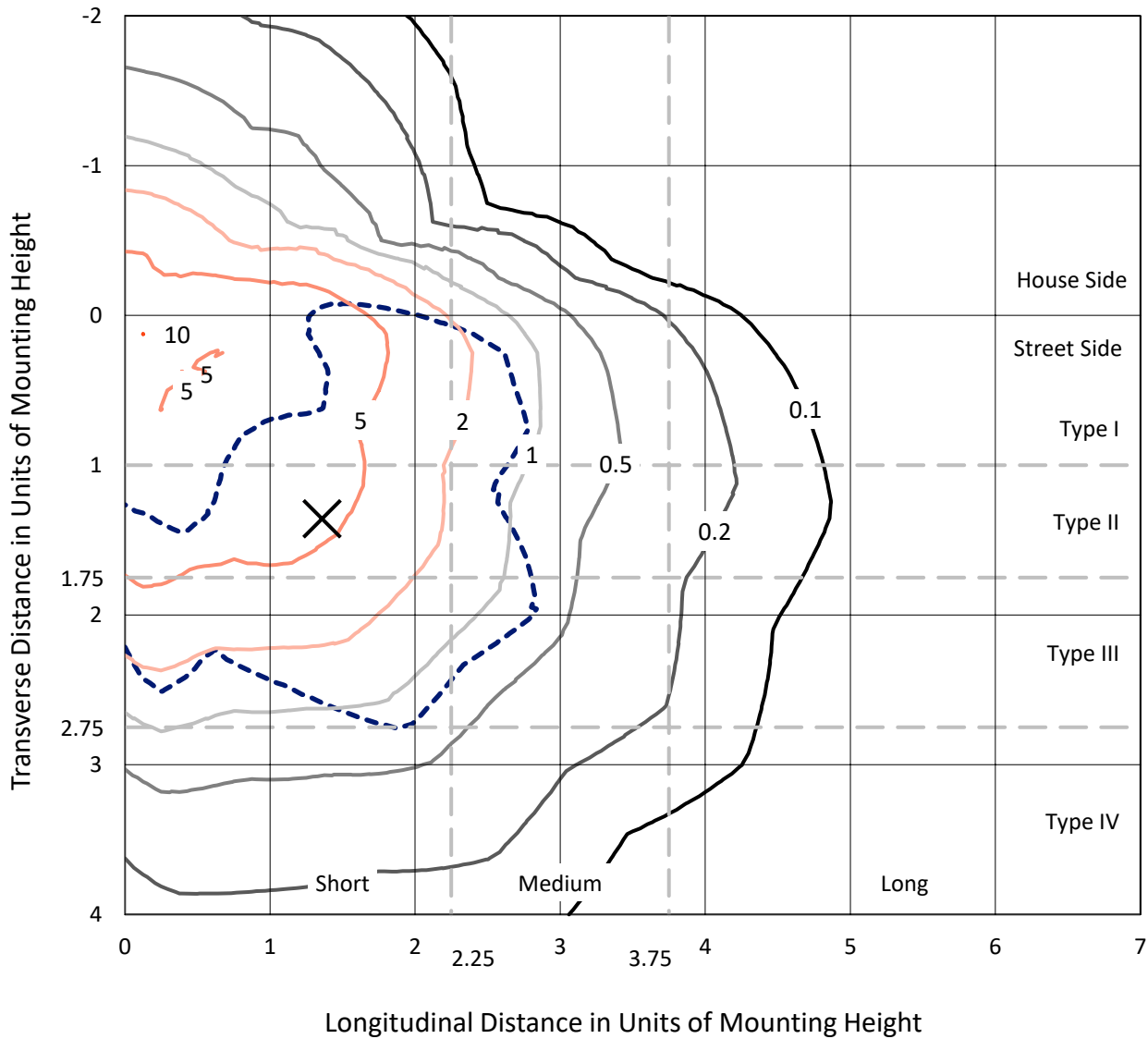
Input Watts (W): 58.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P630621
 CATALOG NUMBER: GWS-SA1E-722-U-SLR-W

Iso-Footcandle Lines of Horizontal Illumination

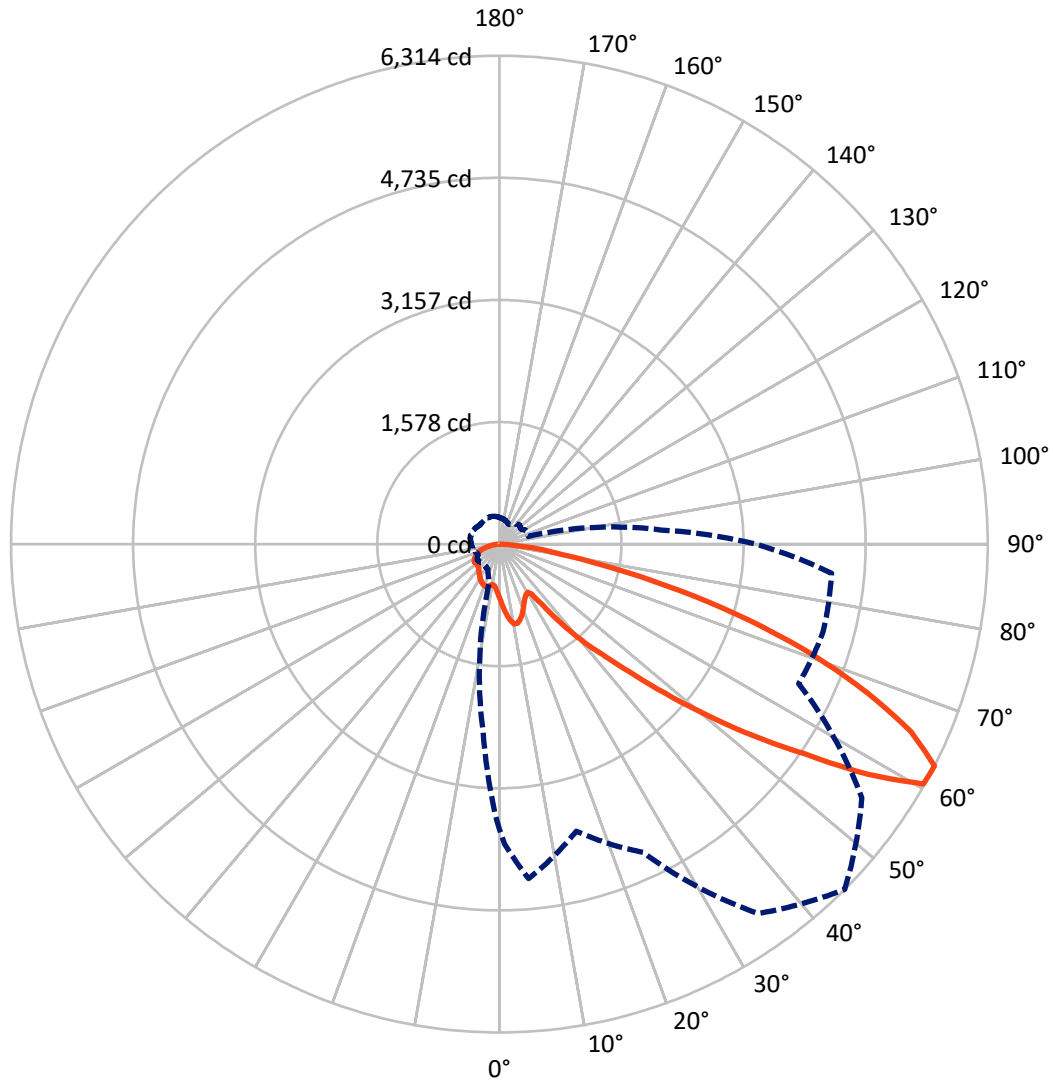
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10 fc
 Type III - Short - N/A

REPORT NUMBER: P630621
CATALOG NUMBER: GWS-SA1E-722-U-SLR-W

Luminous Intensity Polar Plot



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

REPORT NUMBER: P630621

CATALOG NUMBER: GWS-SA1E-722-U-SLR-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1261.1	0.0	1261.1
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	4023.8	0.0	4023.8
	% Fixture	76.1	0.0	76.1
Total	Lumens	5284.9	0.0	5284.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.5	1.3
10°-20°	214.7	4.1
20°-30°	333.6	6.3
30°-40°	452.9	8.6
40°-50°	717.7	13.6
50°-60°	1266.1	24.0
60°-70°	1408.7	26.7
70°-80°	714.5	13.5
80°-90°	108.2	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°	5284.9	100.0
0°-180°	5284.9	100.0

Coefficient of Utilization



REPORT NUMBER: P630621

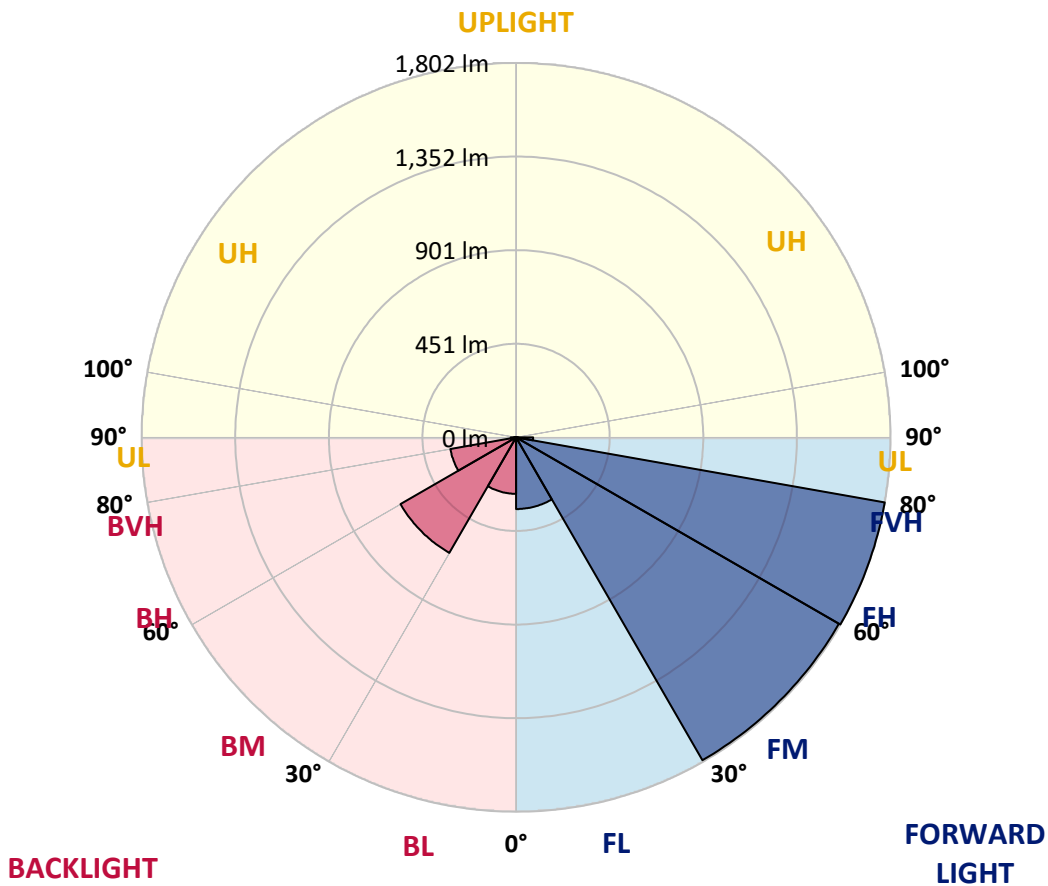
CATALOG NUMBER: GWS-SA1E-722-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	345.1	6.5			
FM (30°-60°)	1794.4	34.0			
FH (60°-80°)	1802.2	34.1			G2/5000
FVH (80°-90°)	82.1	1.6			G1/100
BL (0°-30°)	271.7	5.1	B1/500		
BM (30°-60°)	642.3	12.2	B1/1000		
BH (60°-80°)	321.0	6.1	B1/500		G1/500
BVH (80°-90°)	26.1	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Short





REPORT NUMBER: P630621
 CATALOG NUMBER: GWS-SA1E-722-U-SLR-W

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4
2.5°	753.8	753.4	761.0	772.6	783.4	788.2	796.2	795.4	789.0	780.6	777.8
5°	813.0	814.6	827.9	853.5	881.9	893.9	899.1	897.1	885.5	870.7	844.7
7.5°	866.7	869.5	889.9	928.3	963.5	979.5	992.3	989.9	973.1	945.5	907.1
10°	905.9	909.1	933.5	978.7	1017.9	1031.9	1048.3	1049.1	1034.3	997.1	957.9
12.5°	945.1	948.3	971.1	1012.3	1037.9	1038.3	1047.9	1053.1	1053.9	1036.7	997.5
15°	985.9	988.7	1009.5	1032.7	1031.5	1009.1	1009.1	1019.1	1041.1	1053.5	1026.3
17.5°	1020.7	1024.3	1040.3	1032.7	997.1	956.7	951.9	964.7	1003.1	1050.7	1047.9
20°	1049.5	1052.3	1061.1	1010.7	945.9	893.1	883.9	898.7	950.7	1033.5	1064.3
22.5°	1077.1	1078.7	1073.9	981.9	890.7	830.3	819.1	834.7	890.7	1003.1	1078.3
25°	1109.9	1108.3	1085.5	951.9	840.3	780.6	769.0	786.6	845.1	962.7	1093.5
27.5°	1148.0	1141.9	1095.5	919.5	801.4	743.8	735.8	754.6	809.0	925.5	1105.5
30°	1180.4	1168.8	1097.1	890.7	781.4	728.2	723.4	741.0	791.4	900.3	1120.7
32.5°	1216.4	1200.4	1106.3	883.1	792.6	765.8	772.2	773.4	796.2	893.1	1143.5
35°	1268.0	1247.2	1131.5	905.1	907.9	953.1	976.3	945.1	868.7	909.1	1186.8
37.5°	1346.0	1319.6	1182.8	1000.3	1145.9	1247.2	1303.2	1232.0	1088.7	969.5	1252.0
40°	1440.8	1407.2	1248.4	1176.4	1368.4	1530.5	1630.1	1525.7	1315.2	1120.3	1343.6
42.5°	1573.3	1538.1	1375.6	1349.2	1574.5	1815.8	1945.8	1790.1	1514.9	1315.2	1490.5
45°	1804.2	1770.1	1608.9	1522.5	1815.8	2167.1	2349.5	2133.1	1717.7	1510.9	1764.9
47.5°	2230.7	2190.7	1955.4	1714.5	2091.0	2623.2	2878.5	2563.2	1928.6	1734.9	2225.9
50°	2742.8	2704.4	2390.3	1941.8	2395.1	3110.9	3465.9	3068.5	2171.5	2007.4	2776.8
52.5°	3359.0	3351.8	3010.9	2229.1	2711.6	3631.1	4117.7	3628.3	2437.5	2374.3	3401.0
55°	3914.4	3984.8	3799.2	2667.2	3120.6	4284.5	4787.9	4238.9	2798.5	2980.9	4132.1
57.5°	4213.7	4402.9	4688.2	3561.1	3715.1	5065.5	5614.9	4984.3	3418.6	3990.8	4809.9
60°	4016.0	4230.5	4747.4	4234.1	4304.9	5691.3	6297.5	5610.9	4027.6	4691.8	4771.5
62.5°	3687.1	3879.6	4339.3	3841.2	4396.1	5829.0	6313.5	5720.1	4269.7	4336.1	4310.1
65°	3297.0	3491.1	3978.0	3353.0	4106.1	5502.1	5847.8	5398.8	3834.8	3917.6	3927.2
67.5°	2778.8	2958.1	3453.9	2981.3	3742.7	5022.3	5132.8	4941.1	3531.5	3663.5	3525.5
70°	2076.2	2237.9	2675.6	2422.7	3155.0	4397.3	4308.1	4336.5	3191.0	3322.2	2944.9
72.5°	1418.8	1540.5	1915.8	1903.8	2415.9	3520.3	3395.8	3665.1	2665.2	2839.3	2245.1
75°	992.3	1087.1	1384.8	1504.1	1826.2	2609.2	2418.3	2743.2	2081.4	2329.9	1638.1
77.5°	609.0	671.8	874.7	1114.3	1174.8	1785.7	1502.1	2064.2	1461.6	1699.3	1092.7
80°	304.5	334.9	424.9	700.6	779.0	1052.3	829.5	1198.4	989.1	1052.3	604.6
82.5°	92.0	101.6	124.4	266.1	403.7	605.8	490.1	696.2	540.2	493.4	238.1
85°	24.4	27.6	34.4	78.8	141.6	217.3	165.7	337.3	258.9	182.1	89.6
87.5°	2.0	2.0	1.6	1.6	0.8	0.0	0.0	24.0	48.4	27.6	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



REPORT NUMBER: P630621
 CATALOG NUMBER: GWS-SA1E-722-U-SLR-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4
2.5°	763.8	762.2	745.8	733.8	719.8	706.2	692.2	679.8	665.8	651.8	647.8
5°	825.5	814.2	779.4	750.2	721.4	696.2	674.2	651.4	633.0	615.0	608.2
7.5°	879.9	860.3	809.8	765.4	725.4	694.2	661.8	628.6	602.6	577.0	570.6
10°	929.1	903.1	839.5	783.4	739.0	703.4	665.4	621.0	583.4	552.2	543.8
12.5°	965.5	937.1	865.1	800.6	750.2	710.2	672.6	633.4	593.8	553.4	544.2
15°	994.3	964.7	886.3	813.8	750.6	699.0	662.6	649.0	636.6	597.0	580.2
17.5°	1017.5	986.3	904.7	821.9	739.8	665.0	633.4	653.4	685.0	660.2	628.6
20°	1038.7	1007.1	918.7	827.5	715.8	618.2	600.6	643.0	690.6	689.8	661.4
22.5°	1061.9	1031.1	939.1	830.7	682.2	570.6	581.0	627.8	666.6	678.2	660.6
25°	1091.5	1064.3	967.5	837.9	644.2	537.8	566.6	608.2	640.6	643.4	633.0
27.5°	1125.9	1105.5	1009.9	854.7	607.4	521.0	549.8	580.6	610.2	611.4	599.0
30°	1163.6	1150.0	1049.1	868.7	579.8	515.8	528.2	553.0	571.8	575.0	564.2
32.5°	1211.6	1199.6	1083.9	859.5	563.4	514.6	508.2	521.0	536.6	536.6	528.2
35°	1277.6	1260.8	1120.7	824.3	543.4	509.8	486.9	490.5	497.4	498.6	493.8
37.5°	1371.2	1343.6	1158.0	754.6	510.6	492.6	462.5	458.1	460.5	463.7	462.5
40°	1487.3	1442.0	1212.4	671.0	471.3	459.3	437.3	428.9	426.9	433.3	435.7
42.5°	1633.3	1564.1	1270.8	593.0	435.7	421.3	407.7	400.5	397.3	408.1	414.5
45°	1866.6	1752.5	1326.8	515.8	415.7	388.9	379.7	374.5	376.1	388.9	396.9
47.5°	2269.5	2040.2	1380.0	466.9	414.1	365.7	354.5	355.7	360.1	373.7	383.3
50°	2779.2	2425.5	1415.6	446.5	418.9	351.7	336.9	343.3	350.1	363.3	374.5
52.5°	3298.2	2784.5	1373.2	435.3	418.5	352.1	320.5	339.7	342.9	356.1	368.1
55°	3655.1	2824.5	1186.4	418.1	412.1	368.1	307.7	338.1	340.1	352.1	362.9
57.5°	3791.2	2687.6	904.7	422.9	392.9	380.5	302.1	326.9	341.3	351.7	362.9
60°	3626.7	2429.5	549.8	435.3	362.1	379.7	305.7	306.5	331.3	348.9	360.1
62.5°	3316.6	2098.2	386.1	400.1	339.7	358.5	314.1	282.5	313.7	334.9	344.9
65°	2961.3	1708.5	294.5	344.5	328.9	325.7	316.9	261.3	289.7	310.5	319.3
67.5°	2591.2	1328.0	239.3	256.9	297.3	294.5	289.7	242.5	261.3	276.1	286.1
70°	2125.0	929.1	202.1	192.9	254.9	264.1	253.3	218.9	224.9	240.1	248.1
72.5°	1554.5	579.0	166.1	159.2	204.9	230.9	225.3	192.9	195.7	210.1	216.5
75°	1117.9	331.3	133.2	131.2	156.4	197.7	186.5	166.1	169.3	180.1	184.5
77.5°	710.6	184.5	102.8	105.6	112.0	147.6	159.2	142.0	142.0	148.4	152.0
80°	380.5	105.6	75.2	76.4	78.4	112.8	125.6	110.0	110.0	105.6	110.0
82.5°	155.2	60.8	51.6	48.0	52.4	77.2	88.0	70.0	73.2	66.0	67.6
85°	51.2	30.4	25.6	25.2	24.8	34.0	42.4	34.8	41.6	26.4	27.6
87.5°	6.8	5.6	3.2	2.4	2.8	1.2	2.4	2.8	2.8	2.0	2.0
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: P630621
 CATALOG NUMBER: GWS-SA1E-722-U-SLR-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4
2.5°	645.0	641.8	630.2	633.0	631.0	627.8	631.0	625.0	629.8	631.4	641.4
5°	603.0	595.4	584.2	578.6	577.4	574.2	574.6	571.8	572.6	579.4	590.6
7.5°	565.4	558.2	549.4	545.4	541.8	538.2	537.8	537.4	540.6	546.6	557.4
10°	538.2	534.2	530.6	532.2	530.6	529.0	526.2	526.2	531.4	542.2	555.4
12.5°	538.2	537.4	538.2	543.0	542.6	543.0	539.4	541.4	555.8	574.2	593.0
15°	567.0	560.6	560.6	563.0	562.2	562.2	562.2	570.6	603.4	631.8	651.8
17.5°	602.2	583.4	575.4	574.2	573.8	573.8	575.4	593.4	644.6	674.6	686.2
20°	626.6	591.0	577.8	572.6	573.0	573.8	578.6	603.4	659.8	675.0	672.2
22.5°	631.0	585.0	569.0	561.4	562.6	563.4	570.6	597.0	639.0	641.4	635.8
25°	610.6	568.2	551.0	545.0	546.6	546.2	552.6	571.8	601.8	601.0	597.8
27.5°	580.2	541.4	528.6	524.6	527.4	524.2	526.2	541.0	564.2	563.4	562.2
30°	549.0	515.4	503.8	501.8	505.4	500.6	501.0	513.4	529.4	528.6	528.2
32.5°	517.8	489.3	478.9	478.9	482.5	477.3	478.1	488.9	499.8	496.6	496.6
35°	488.1	468.1	459.7	458.1	460.9	457.3	458.9	468.9	472.9	468.5	465.7
37.5°	462.1	453.3	444.9	439.3	439.7	440.1	444.9	452.5	450.1	443.7	440.1
40°	438.1	438.1	430.1	419.7	418.5	421.3	429.3	437.7	430.9	423.7	419.3
42.5°	420.9	424.5	416.9	406.5	404.1	408.9	417.7	423.7	415.7	407.7	401.7
45°	404.9	413.7	408.5	396.9	393.7	399.3	410.5	412.9	402.1	394.5	390.1
47.5°	393.7	405.7	402.1	390.9	386.1	394.1	405.7	405.3	391.7	383.7	380.1
50°	385.7	400.9	400.5	390.9	385.7	395.7	406.1	400.9	386.1	377.7	374.1
52.5°	379.3	400.5	403.3	397.7	394.1	402.9	409.3	399.3	382.1	373.3	370.5
55°	376.5	402.1	404.1	398.9	395.7	403.7	409.3	402.5	382.1	374.1	371.7
57.5°	377.3	400.1	400.5	393.3	387.7	397.7	406.5	404.5	386.5	377.3	374.5
60°	372.5	389.3	390.1	378.9	372.5	384.5	400.1	398.9	384.5	374.9	369.7
62.5°	356.5	371.3	371.7	361.3	352.1	369.3	386.5	386.1	372.9	363.3	357.3
65°	329.7	345.3	349.3	339.3	332.1	350.5	368.5	367.7	354.5	345.7	339.7
67.5°	296.5	313.3	320.9	314.1	311.3	328.1	344.9	344.5	333.7	325.3	320.1
70°	256.1	270.1	282.9	282.9	280.9	300.1	318.1	316.5	306.5	300.1	296.1
72.5°	222.5	233.3	237.3	241.3	247.3	267.3	282.5	283.7	276.5	273.3	276.5
75°	189.3	196.1	199.7	196.5	206.9	227.7	247.7	249.7	242.1	236.9	238.1
77.5°	155.6	163.2	166.9	159.6	158.8	185.3	209.7	214.1	207.7	199.7	202.1
80°	112.4	122.4	128.4	123.6	122.0	133.6	167.3	172.1	166.1	159.6	163.2
82.5°	68.8	74.4	76.0	80.8	90.8	95.6	107.6	123.6	119.2	113.6	123.6
85°	27.2	32.4	36.0	40.8	47.6	56.4	66.4	79.2	72.0	69.6	82.0
87.5°	1.6	0.4	0.0	0.8	6.8	13.2	28.4	39.2	32.8	35.2	42.4
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: P630621
 CATALOG NUMBER: GWS-SA1E-722-U-SLR-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4	701.4
2.5°	649.4	659.8	673.8	685.4	700.2	714.2	728.6	743.0	750.6	753.8
5°	603.4	622.6	645.0	669.8	698.6	729.0	759.8	791.4	811.4	813.0
7.5°	575.8	603.4	634.2	665.4	701.0	743.0	791.8	840.7	861.1	866.7
10°	584.6	615.4	639.8	669.0	708.2	760.6	818.2	875.5	899.1	905.9
12.5°	619.8	625.8	633.4	660.2	708.2	775.8	845.5	913.5	938.7	945.1
15°	649.0	620.2	606.6	635.0	698.6	789.0	874.3	949.5	979.9	985.9
17.5°	651.4	601.8	572.2	597.8	681.8	798.2	901.9	989.5	1015.1	1020.7
20°	627.0	582.2	543.8	559.4	659.0	802.2	921.9	1018.7	1043.9	1049.5
22.5°	599.4	566.2	524.6	523.8	631.4	806.6	945.9	1046.3	1073.5	1077.1
25°	573.4	544.2	509.0	497.8	599.4	815.0	978.3	1087.9	1108.7	1109.9
27.5°	543.0	520.6	496.6	485.7	571.4	831.1	1026.3	1137.5	1150.0	1148.0
30°	515.4	498.6	487.7	484.5	553.8	843.1	1071.9	1186.4	1187.2	1180.4
32.5°	486.1	479.7	479.7	490.1	539.4	840.3	1109.1	1234.0	1226.4	1216.4
35°	460.1	461.3	469.7	494.2	515.4	812.2	1144.7	1293.6	1282.4	1268.0
37.5°	435.3	444.5	456.5	480.1	483.7	770.6	1186.4	1378.0	1364.0	1346.0
40°	414.1	428.1	442.1	453.7	450.1	711.4	1244.4	1477.3	1461.6	1440.8
42.5°	397.3	410.9	426.5	427.7	428.9	649.8	1306.0	1598.9	1596.1	1573.3
45°	386.5	395.3	410.1	408.1	427.7	581.8	1362.8	1784.5	1821.4	1804.2
47.5°	379.3	386.1	387.7	396.1	438.1	521.0	1436.0	2147.9	2250.3	2230.7
50°	375.3	382.1	364.1	396.9	439.7	481.7	1537.3	2604.0	2768.8	2742.8
52.5°	374.9	373.3	346.1	405.3	430.9	457.7	1590.1	2936.9	3302.6	3359.0
55°	375.7	355.7	336.9	407.7	413.3	448.9	1413.2	3096.9	3795.2	3914.4
57.5°	368.5	336.5	342.1	398.1	380.1	472.5	1044.7	3039.7	3992.0	4213.7
60°	354.9	318.1	351.7	372.1	346.1	432.1	719.4	2784.5	3788.0	4016.0
62.5°	335.3	305.3	350.5	338.5	333.7	353.7	494.6	2427.1	3464.3	3687.1
65°	313.3	294.9	331.7	306.1	308.9	272.1	349.7	2023.8	3077.7	3297.0
67.5°	289.7	288.5	304.1	272.5	260.9	215.7	254.9	1622.1	2581.2	2778.8
70°	262.9	271.7	276.5	242.1	211.7	169.3	189.3	1134.3	1904.2	2076.2
72.5°	236.1	236.9	243.7	210.5	158.4	135.6	142.0	687.0	1293.6	1418.8
75°	208.9	201.3	207.7	171.3	118.0	111.2	109.6	424.5	893.5	992.3
77.5°	179.7	171.3	162.8	128.8	94.8	86.0	84.0	238.1	548.2	609.0
80°	146.0	134.8	121.6	94.4	69.2	61.6	61.2	116.0	273.3	304.5
82.5°	113.6	92.4	88.8	58.8	42.8	37.6	40.0	44.4	82.4	92.0
85°	79.6	67.2	47.2	23.6	19.2	15.6	15.2	13.2	22.0	24.4
87.5°	44.4	29.2	15.2	2.8	3.2	3.6	2.8	2.0	2.0	2.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)