

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: P637654

Luminaire Tested: GWS-SA4D-730-U-SLL-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P637654
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-38)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA4D-730-U-SLL-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11957.7 lumens
Efficiency: N/A
Efficacy: 73.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

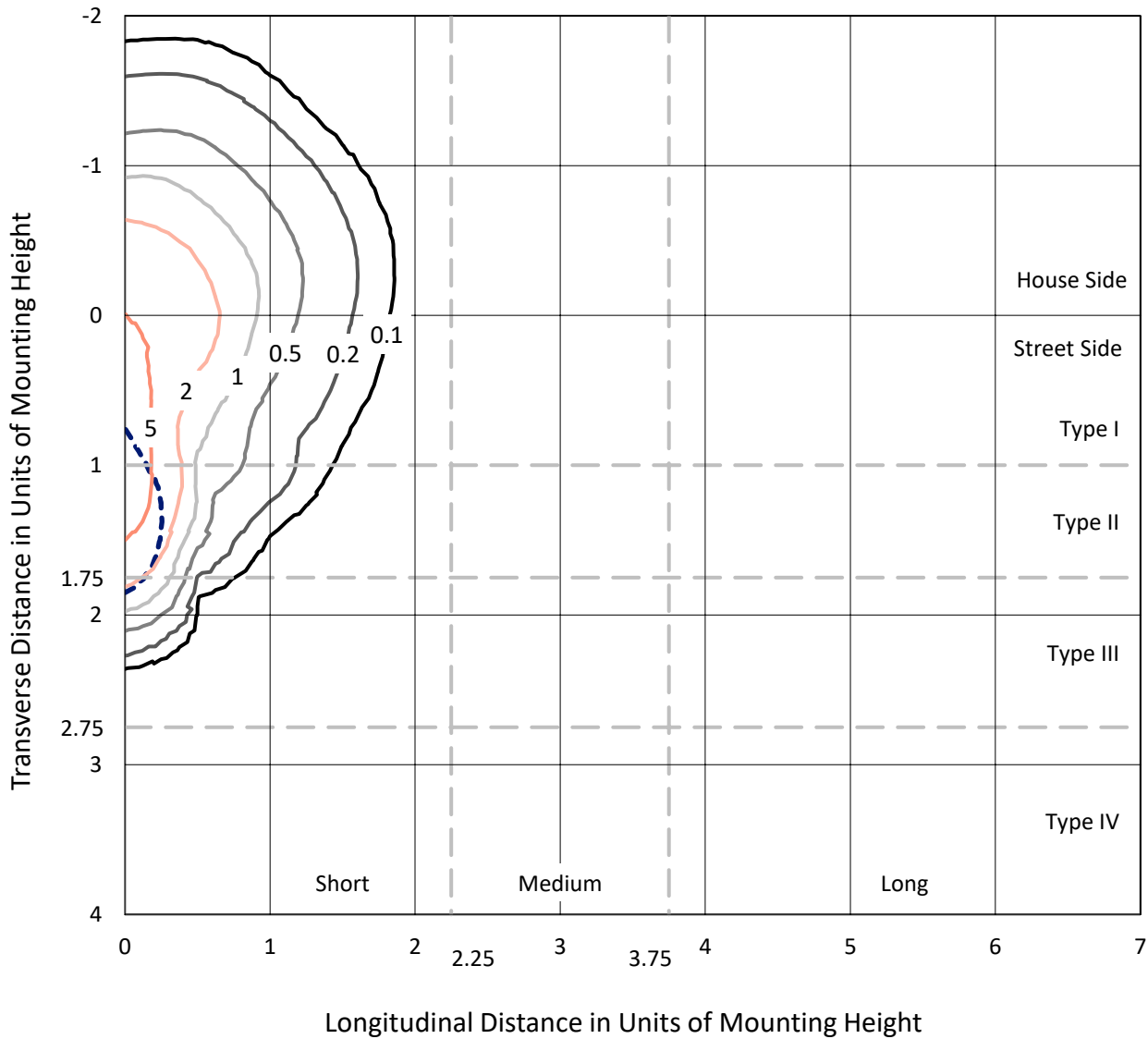
Input Watts (W): 162.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P637654
 CATALOG NUMBER: GWS-SA4D-730-U-SLL-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

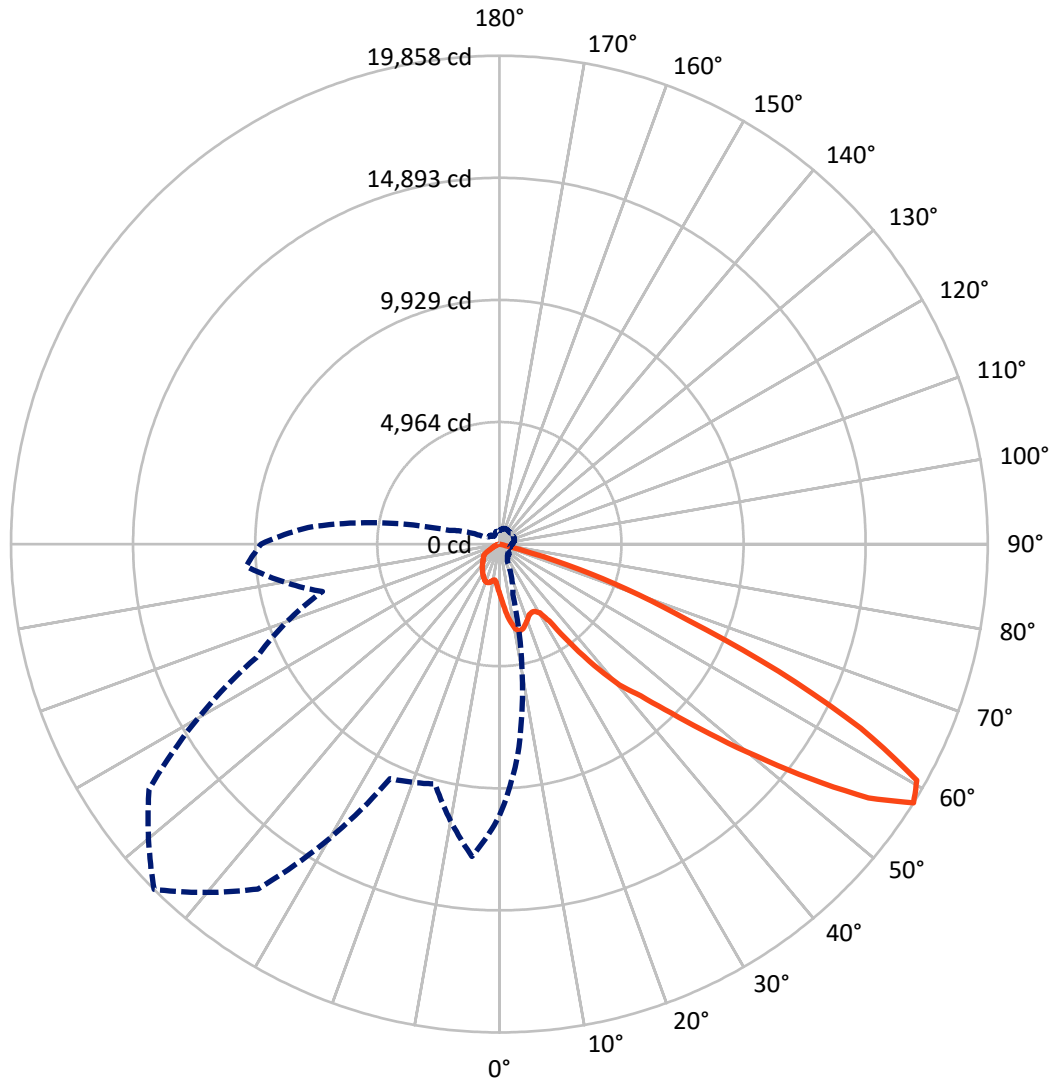
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8 fc
 Type III - Short - N/A

REPORT NUMBER: P637654
CATALOG NUMBER: GWS-SA4D-730-U-SLL-W-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

REPORT NUMBER: P637654

CATALOG NUMBER: GWS-SA4D-730-U-SLL-W-GRSBK

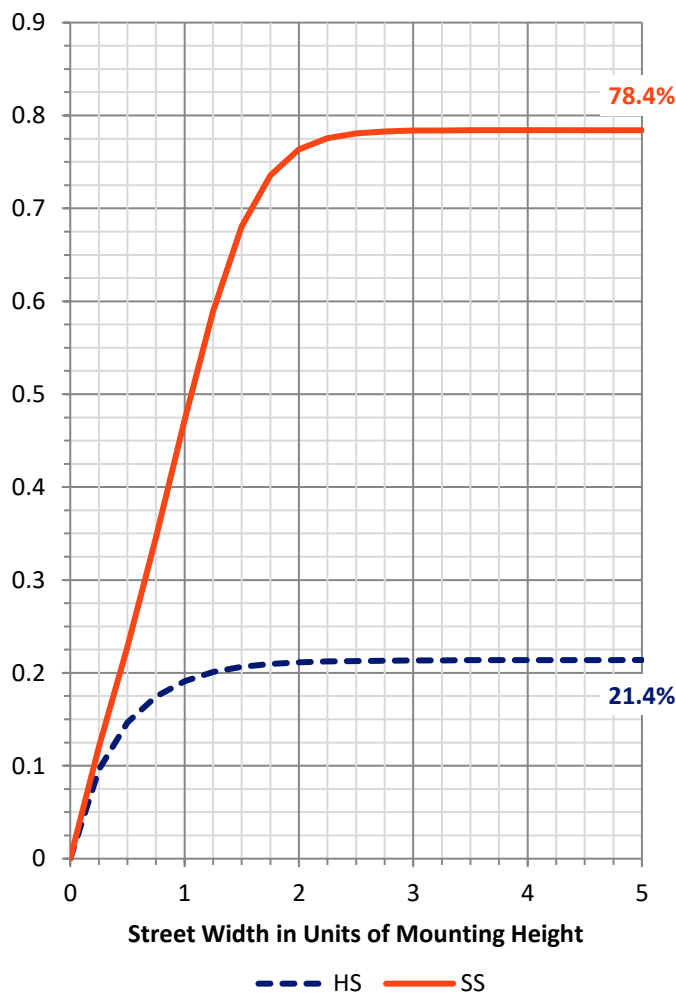
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2576.1	0.0	2576.1
	% Fixture	21.5	0.0	21.5
Street Side	Lumens	9381.6	0.0	9381.6
	% Fixture	78.5	0.0	78.5
Total	Lumens	11957.7	0.0	11957.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.8	1.7
10°-20°	660.8	5.5
20°-30°	1072.4	9.0
30°-40°	1645.9	13.8
40°-50°	2628.6	22.0
50°-60°	3680.5	30.8
60°-70°	1887.1	15.8
70°-80°	181.7	1.5
80°-90°	0.0	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°	11957.7	100.0
0°-180°	11957.7	100.0

Coefficient of Utilization



REPORT NUMBER: P637654

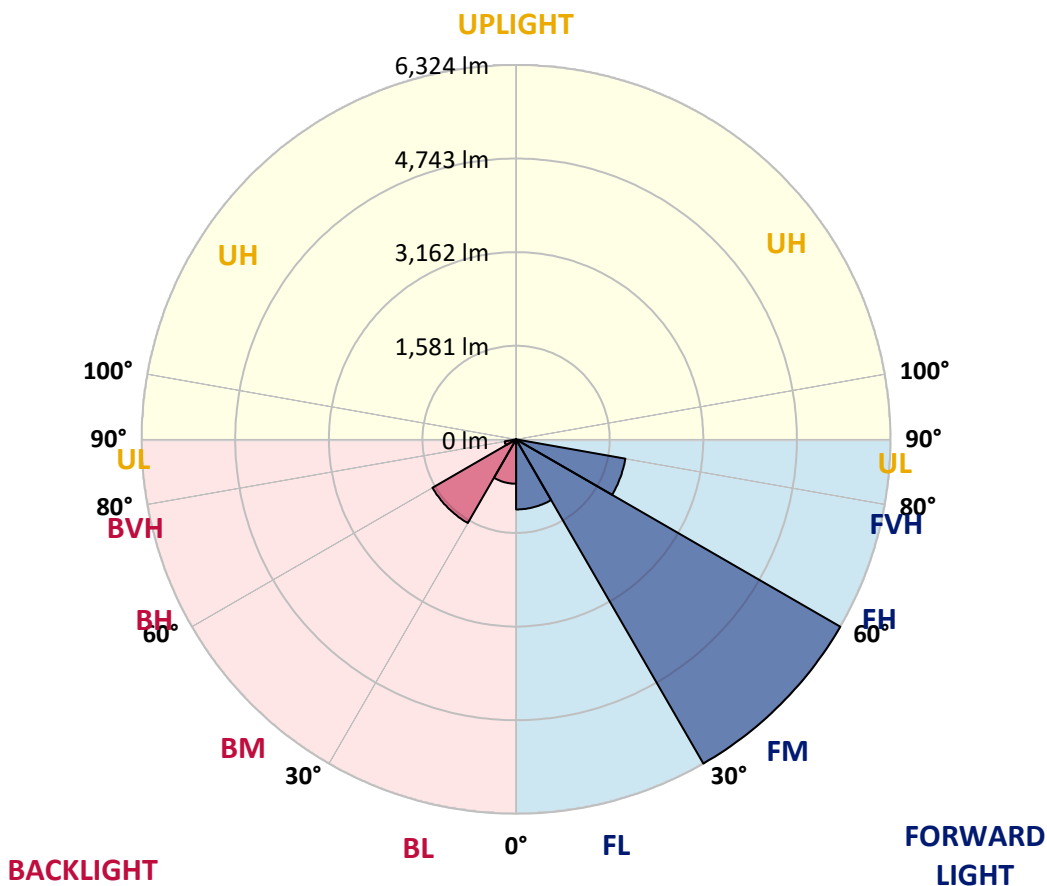
CATALOG NUMBER: GWS-SA4D-730-U-SLL-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1183.9	9.9			
FM (30°-60°)	6323.5	52.9			
FH (60°-80°)	1874.2	15.7			G2/5000
FVH (80°-90°)	0.0	0.0			G0/10
BL (0°-30°)	750.1	6.3	B2/1000		
BM (30°-60°)	1631.4	13.6	B2/2500		
BH (60°-80°)	194.6	1.6	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: P637654

CATALOG NUMBER: GWS-SA4D-730-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8
2.5°	2257.2	2252.4	2236.4	2182.1	2148.5	2095.7	2057.4	2007.8	1953.5	1919.9	1886.3
5°	2497.0	2484.2	2441.0	2316.3	2220.4	2116.5	2033.4	1942.3	1844.8	1780.8	1721.7
7.5°	2727.2	2708.0	2650.4	2439.4	2294.0	2145.3	2027.0	1894.3	1756.8	1660.9	1587.4
10°	2952.6	2909.4	2818.3	2559.3	2362.7	2183.7	2044.6	1892.7	1731.3	1609.8	1528.2
12.5°	3138.0	3106.0	2981.3	2672.8	2420.2	2191.6	2020.6	1879.9	1771.2	1689.7	1614.6
15°	3297.9	3262.7	3144.4	2775.1	2469.8	2159.7	1919.9	1796.8	1814.4	1846.4	1782.4
17.5°	3444.9	3408.2	3280.3	2859.9	2489.0	2081.3	1779.2	1720.1	1817.6	1937.5	1913.5
20°	3596.8	3555.2	3398.6	2928.6	2482.6	1958.3	1636.9	1654.5	1792.0	1929.5	1942.3
22.5°	3774.2	3731.1	3548.8	3016.5	2477.8	1811.2	1513.9	1597.0	1744.0	1860.7	1883.1
25°	4009.2	3958.1	3758.3	3146.0	2490.6	1676.9	1425.9	1541.0	1662.5	1768.0	1780.8
27.5°	4319.4	4253.8	3999.6	3305.9	2517.8	1571.4	1387.6	1464.3	1558.6	1652.9	1664.1
30°	4723.8	4640.7	4276.2	3444.9	2505.0	1497.9	1362.0	1387.6	1443.5	1520.2	1521.8
32.5°	5197.0	5083.5	4586.3	3564.8	2394.7	1443.5	1326.8	1309.2	1322.0	1381.2	1392.4
35°	5753.3	5606.2	4928.4	3678.3	2193.2	1338.0	1262.9	1203.7	1198.9	1227.7	1254.9
37.5°	6391.1	6215.3	5360.0	3823.8	1955.1	1227.7	1168.6	1109.4	1083.8	1098.2	1139.8
40°	6979.4	6784.4	5810.8	3999.6	1712.1	1128.6	1058.3	997.5	967.1	971.9	1023.1
42.5°	7670.0	7468.5	6362.3	4229.8	1510.7	1061.5	943.2	880.8	840.9	863.2	922.4
45°	8718.6	8490.0	7166.4	4429.7	1350.8	1045.5	842.4	754.5	735.3	773.7	844.0
47.5°	10151.0	9871.2	8271.0	4551.1	1214.9	1059.9	772.1	652.2	657.0	700.2	770.5
50°	11572.1	11270.0	9548.3	4391.3	1103.0	1031.1	736.9	572.3	602.7	641.0	705.0
52.5°	12548.8	12155.6	10170.1	3929.3	1000.7	922.4	733.7	497.2	554.7	567.5	621.8
55°	12587.2	12102.8	9852.0	3098.0	861.6	778.5	700.2	434.8	502.0	506.7	553.1
57.5°	11033.4	10595.4	8609.9	2127.7	765.7	570.7	557.9	380.5	412.4	452.4	481.2
60°	8394.1	8021.7	6439.1	975.1	581.9	362.9	382.1	327.7	308.5	367.7	396.4
62.5°	5141.0	4902.8	3862.2	431.6	370.9	193.4	231.8	260.6	231.8	254.2	278.2
65°	2041.4	1935.9	1465.9	183.8	151.9	97.5	105.5	151.9	163.1	179.0	201.4
67.5°	354.9	335.7	246.2	81.5	62.3	59.1	51.2	70.3	99.1	110.3	127.9
70°	46.4	44.8	40.0	33.6	32.0	28.8	22.4	44.8	67.1	70.3	81.5
72.5°	11.2	9.6	9.6	8.0	9.6	3.2	3.2	24.0	48.0	49.6	57.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	30.4	33.6	40.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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: P637654

CATALOG NUMBER: GWS-SA4D-730-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8
2.5°	1859.1	1827.2	1816.0	1800.0	1779.2	1785.6	1756.8	1747.2	1761.6	1780.8	1776.0
5°	1689.7	1654.5	1630.5	1593.8	1587.4	1573.0	1563.4	1550.6	1566.6	1589.0	1593.8
7.5°	1555.4	1525.0	1501.1	1489.9	1481.9	1475.5	1456.3	1446.7	1446.7	1456.3	1464.3
10°	1497.9	1475.5	1470.7	1473.9	1486.7	1485.1	1467.5	1454.7	1438.7	1430.7	1440.3
12.5°	1577.8	1541.0	1534.6	1536.2	1552.2	1550.6	1531.4	1515.5	1512.3	1515.5	1545.8
15°	1713.7	1657.7	1616.2	1608.2	1616.2	1613.0	1598.6	1589.0	1593.8	1640.1	1691.3
17.5°	1835.2	1748.8	1673.7	1644.9	1643.3	1638.5	1624.2	1621.0	1644.9	1731.3	1806.4
20°	1870.3	1785.6	1678.5	1641.7	1633.7	1628.9	1613.0	1617.8	1648.1	1752.0	1816.0
22.5°	1824.0	1742.4	1630.5	1593.8	1587.4	1585.8	1569.8	1576.2	1601.8	1692.9	1745.6
25°	1736.1	1667.3	1550.6	1518.6	1518.6	1515.5	1501.1	1504.3	1520.2	1600.2	1651.3
27.5°	1628.9	1563.4	1465.9	1433.9	1438.7	1443.5	1425.9	1421.1	1433.9	1509.1	1539.4
30°	1505.9	1459.5	1382.8	1354.0	1352.4	1371.6	1347.6	1341.2	1358.8	1417.9	1424.3
32.5°	1386.0	1363.6	1309.2	1286.9	1288.5	1291.6	1278.9	1278.9	1294.8	1326.8	1325.2
35°	1269.3	1254.9	1245.3	1229.3	1227.7	1221.3	1221.3	1224.5	1242.1	1253.3	1232.5
37.5°	1157.4	1171.8	1182.9	1167.0	1154.2	1154.2	1154.2	1168.6	1184.5	1179.7	1144.6
40°	1058.3	1088.6	1123.8	1106.2	1075.8	1074.2	1080.6	1104.6	1128.6	1099.8	1067.8
42.5°	973.5	1011.9	1061.5	1051.9	1018.3	1013.5	1018.3	1048.7	1067.8	1031.1	995.9
45°	890.4	938.4	997.5	997.5	960.7	955.9	957.5	997.5	1008.7	965.5	920.8
47.5°	820.1	872.8	935.2	935.2	904.8	895.2	903.2	944.8	952.8	892.0	850.4
50°	752.9	810.5	879.2	874.4	853.6	845.6	860.0	904.8	895.2	828.1	784.9
52.5°	668.2	729.0	823.3	828.1	816.9	818.5	836.1	864.8	837.7	756.1	719.4
55°	591.5	653.8	748.1	773.7	773.7	772.1	780.1	802.5	780.1	682.6	637.8
57.5°	508.3	561.1	639.4	645.8	650.6	633.0	644.2	674.6	663.4	580.3	554.7
60°	417.2	462.0	506.7	511.5	490.8	454.0	474.8	509.9	517.9	455.6	426.8
62.5°	295.7	338.9	391.7	391.7	370.9	334.1	361.3	391.7	380.5	316.5	298.9
65°	220.6	260.6	300.5	318.1	300.5	275.0	295.7	318.1	300.5	247.8	222.2
67.5°	142.3	169.4	193.4	207.8	211.0	207.8	217.4	211.0	190.2	155.1	140.7
70°	86.3	100.7	113.5	126.3	135.9	140.7	145.5	131.1	110.3	91.1	86.3
72.5°	62.3	75.1	86.3	95.9	107.1	110.3	110.3	100.7	81.5	63.9	59.1
75°	43.2	54.4	63.9	70.3	79.9	83.1	83.1	75.1	60.7	46.4	41.6
77.5°	1.6	11.2	11.2	9.6	12.8	16.0	16.0	19.2	17.6	12.8	11.2
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: P637654

CATALOG NUMBER: GWS-SA4D-730-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8
2.5°	1785.6	1843.2	1859.1	1918.3	1971.0	2023.8	2087.7	2126.1	2183.7	2223.6	2246.0
5°	1609.8	1657.7	1715.3	1803.2	1894.3	1995.0	2116.5	2222.0	2354.7	2452.2	2484.2
7.5°	1481.9	1544.2	1611.4	1721.7	1846.4	1980.6	2151.7	2324.3	2527.3	2660.0	2744.8
10°	1457.9	1521.8	1611.4	1720.1	1851.2	2004.6	2214.0	2437.8	2692.0	2853.5	2949.4
12.5°	1573.0	1641.7	1680.1	1729.7	1828.8	1999.8	2268.4	2552.9	2851.9	3027.7	3130.0
15°	1742.4	1803.2	1740.8	1678.5	1742.4	1948.7	2298.8	2648.8	2992.5	3195.6	3301.1
17.5°	1859.1	1863.9	1728.1	1595.4	1613.0	1855.9	2309.9	2744.8	3142.8	3355.4	3465.7
20°	1848.0	1809.6	1672.1	1525.0	1470.7	1736.1	2297.2	2829.5	3294.7	3516.9	3625.6
22.5°	1761.6	1716.9	1600.2	1456.3	1350.8	1593.8	2274.8	2906.2	3433.7	3686.3	3788.6
25°	1657.7	1609.8	1513.9	1387.6	1274.1	1456.3	2257.2	3011.7	3609.6	3906.9	3986.8
27.5°	1536.2	1494.7	1413.1	1322.0	1242.1	1352.4	2252.4	3150.8	3822.2	4175.5	4231.4
30°	1417.9	1379.6	1315.6	1262.9	1229.3	1291.6	2236.4	3299.5	4076.4	4484.0	4544.8
32.5°	1304.4	1266.1	1226.1	1218.1	1219.7	1269.3	2182.1	3446.5	4378.5	4931.6	4976.4
35°	1206.9	1162.2	1146.2	1165.4	1200.5	1230.9	2028.6	3568.0	4703.0	5419.2	5455.9
37.5°	1114.2	1069.4	1067.8	1114.2	1152.6	1171.8	1848.0	3687.9	5141.0	5914.7	5961.1
40°	1029.5	984.7	1000.7	1056.7	1087.0	1096.6	1628.9	3870.2	5604.6	6437.5	6411.9
42.5°	957.5	911.2	920.8	992.7	1019.9	1045.5	1427.5	4022.0	6050.6	6933.0	6925.0
45°	887.2	852.0	845.6	924.0	948.0	1050.3	1280.5	4138.7	6624.5	7564.5	7577.3
47.5°	818.5	791.3	792.9	826.5	885.6	1074.2	1155.8	4215.4	7457.4	8565.2	8343.0
50°	756.1	735.3	752.9	714.6	845.6	1043.9	1048.7	4199.5	8387.7	9524.3	9078.3
52.5°	687.4	682.6	690.6	597.9	781.7	920.8	948.0	3986.8	8824.1	10179.7	9925.6
55°	617.1	615.5	551.5	478.0	653.8	735.3	812.1	3326.6	8809.8	10528.2	10836.7
57.5°	533.9	521.1	418.8	390.1	508.3	511.5	740.1	2178.9	7807.4	9693.8	10333.2
60°	404.4	394.8	306.9	316.5	354.9	327.7	589.9	1085.4	5834.8	7551.7	8272.6
62.5°	279.8	267.0	228.6	244.6	228.6	187.0	361.3	537.1	3534.5	4768.6	5422.4
65°	204.6	190.2	156.7	134.3	107.1	107.1	137.5	206.2	1368.4	2027.0	2444.2
67.5°	126.3	119.9	92.7	67.1	65.5	70.3	71.9	102.3	220.6	351.7	430.0
70°	81.5	75.1	62.3	43.2	40.0	41.6	43.2	48.0	56.0	60.7	73.5
72.5°	56.0	52.8	44.8	24.0	19.2	20.8	22.4	22.4	27.2	25.6	30.4
75°	40.0	36.8	32.0	11.2	6.4	8.0	9.6	8.0	9.6	6.4	8.0
77.5°	11.2	11.2	8.0	1.6	0.0	1.6	3.2	3.2	1.6	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	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: P637654

CATALOG NUMBER: GWS-SA4D-730-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8	2031.8
2.5°	2303.5	2340.3	2354.7	2333.9	2351.5	2322.7	2311.5	2268.4	2265.2	2257.2
5°	2613.7	2696.8	2746.4	2776.7	2741.6	2703.2	2645.6	2546.5	2516.2	2497.0
7.5°	2919.0	3048.5	3133.2	3173.2	3163.6	3085.3	2981.3	2815.1	2755.9	2727.2
10°	3184.4	3342.6	3444.9	3494.5	3473.7	3405.0	3256.3	3048.5	2970.2	2952.6
12.5°	3369.8	3515.3	3585.6	3628.8	3630.4	3603.2	3462.5	3253.1	3160.4	3138.0
15°	3486.5	3548.8	3550.4	3576.0	3620.8	3681.5	3616.0	3430.5	3331.4	3297.9
17.5°	3560.0	3491.3	3421.0	3427.3	3500.9	3662.3	3729.5	3587.2	3481.7	3444.9
20°	3612.8	3395.4	3264.3	3265.9	3341.0	3585.6	3807.8	3739.1	3630.4	3596.8
22.5°	3646.4	3310.7	3123.6	3118.8	3198.8	3494.5	3879.7	3919.7	3812.6	3774.2
25°	3715.1	3270.7	3038.9	3066.1	3136.4	3465.7	3977.3	4159.5	4060.4	4009.2
27.5°	3838.2	3310.7	3030.9	3093.2	3173.2	3550.4	4146.7	4479.2	4376.9	4319.4
30°	4050.8	3460.9	3154.0	3240.3	3336.2	3772.6	4431.3	4925.2	4778.1	4723.8
32.5°	4392.9	3772.6	3534.5	3719.9	3812.6	4137.1	4858.1	5425.6	5305.7	5197.0
35°	4864.5	4484.0	4456.8	4888.4	4866.1	4827.7	5382.4	6039.4	5858.8	5753.3
37.5°	5513.5	5628.6	5830.0	6258.4	6244.0	5951.5	6071.4	6619.7	6527.0	6391.1
40°	6324.0	6568.5	6910.6	7524.5	7332.7	6965.0	6917.0	7214.4	7139.2	6979.4
42.5°	6801.9	7224.0	7876.2	8427.7	8274.2	7631.6	7577.3	8008.9	7844.2	7670.0
45°	7024.1	7757.9	9036.8	9783.3	9318.1	8074.4	8053.6	9044.7	8952.0	8718.6
47.5°	7126.5	8296.6	10395.5	11525.7	10656.1	8462.9	8387.7	10547.4	10425.9	10151.0
50°	7240.0	9039.9	12032.5	13544.7	12272.3	8902.5	8956.8	11947.8	11896.6	11572.1
52.5°	7489.3	9826.4	14048.3	15853.1	14232.1	9591.5	9933.6	13268.2	12922.9	12548.8
55°	7863.4	10683.3	16145.6	18211.0	16231.9	10517.0	10990.2	13970.0	13001.2	12587.2
57.5°	7449.4	10897.5	17387.7	19857.5	17119.2	10520.2	10096.6	12753.4	11434.6	11033.4
60°	5911.5	10138.2	16909.7	19501.0	16363.0	9342.1	7730.7	9957.5	8662.7	8394.1
62.5°	3996.4	8502.8	14885.9	16492.5	14005.1	7348.7	5024.3	6475.8	5363.2	5141.0
65°	2190.0	6343.2	12027.7	12476.9	10961.4	5133.0	2584.9	2810.3	2140.5	2041.4
67.5°	604.3	4415.3	8849.7	8277.4	7690.8	3342.6	668.2	502.0	358.1	354.9
70°	151.9	2920.6	5302.5	5465.5	4715.8	2140.5	127.9	60.7	48.0	46.4
72.5°	63.9	1256.5	2516.2	2891.8	2413.9	991.1	46.4	17.6	14.4	11.2
75°	8.0	100.7	214.2	324.5	222.2	107.1	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	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
85°	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
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)